



Swift 'Aspire' Cooker Service Procedure Manual





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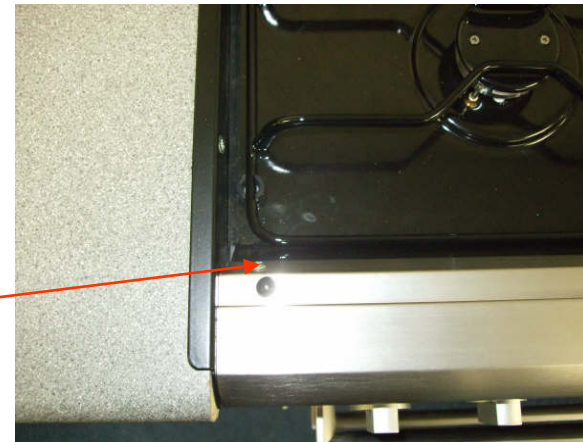
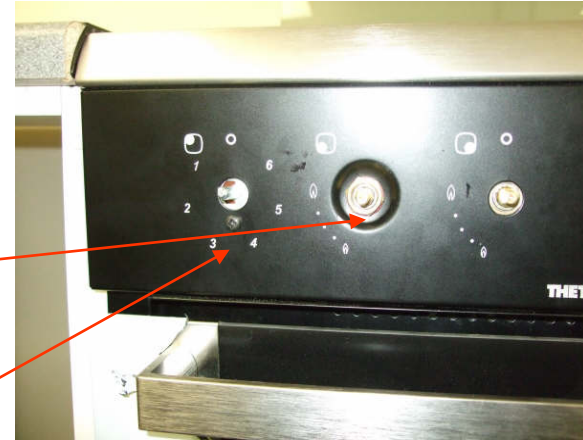
The Fascia

Remove control knobs

Remove 2 x 16mm locking nuts
and fibre washers

Remove 2 x screws below electric
hotplate switch and below oven
valve

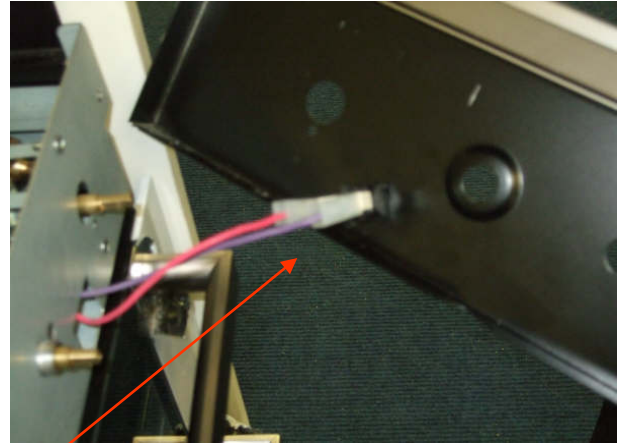
Remove 2 x screws from profile





The Fascia, continued

Lift and pull profile forward in order to remove fascia from pressing



Remove 2 spade connectors from ignition switch (these are not polarity sensitive)





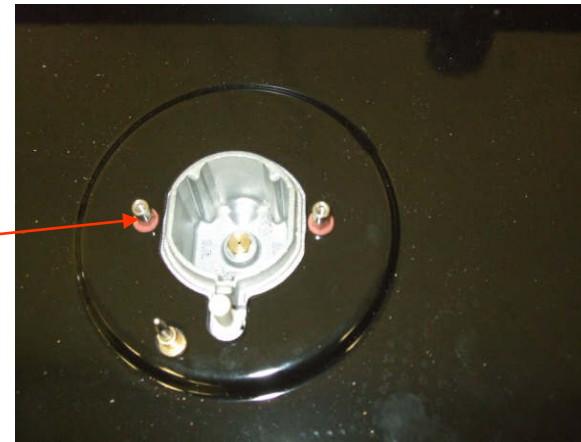
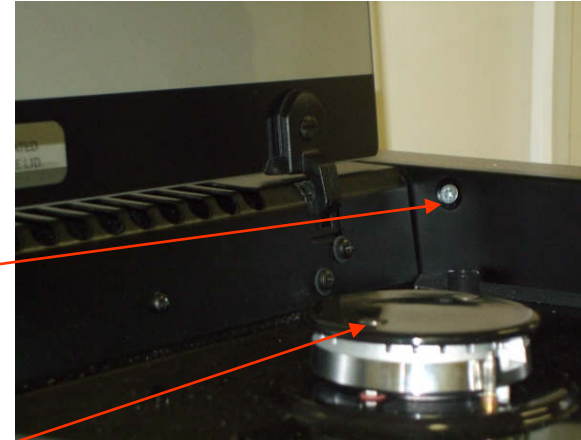
The Hob Pressing

Remove pan support

Remove 4 hob side trim screws
(PZ2 screwdriver)

Remove screws on burner caps
(PZ1 screwdriver)

Remove burner cup fixing studs
(5mm socket)



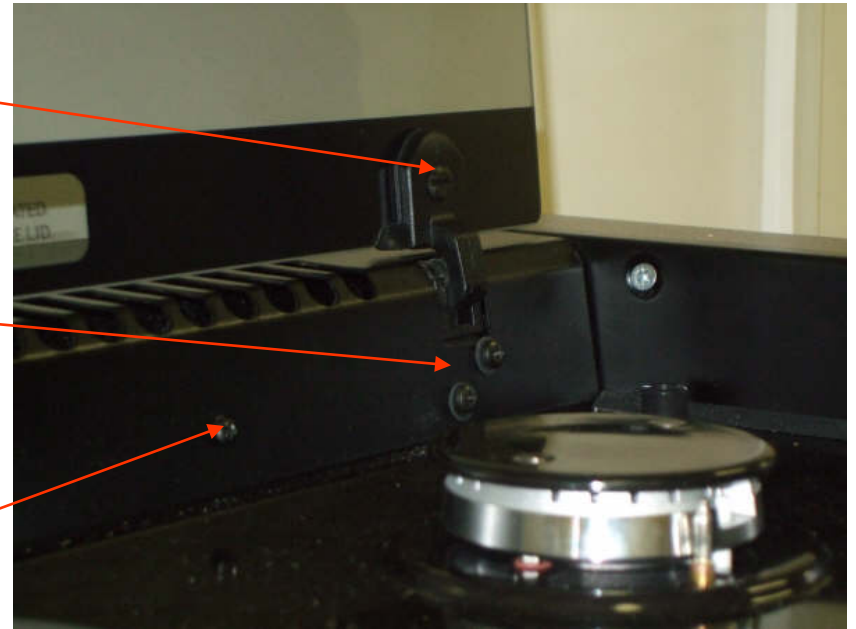


The Hob Pressing, continued

Loosen grub screws on hinges
and lift out glass lid

Loosen 4 dome headed screws
on hinges

Remove 2 screws on rear trim
that secure pressing



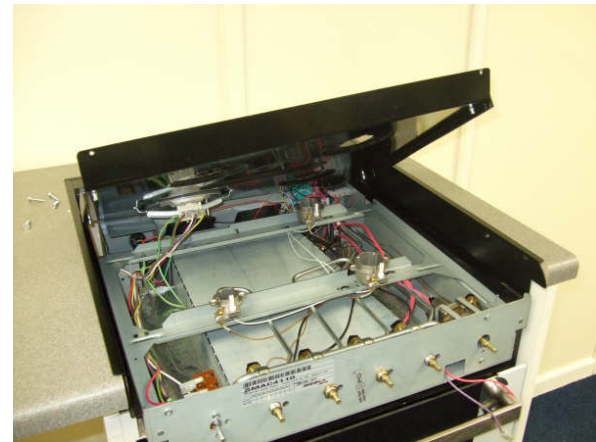
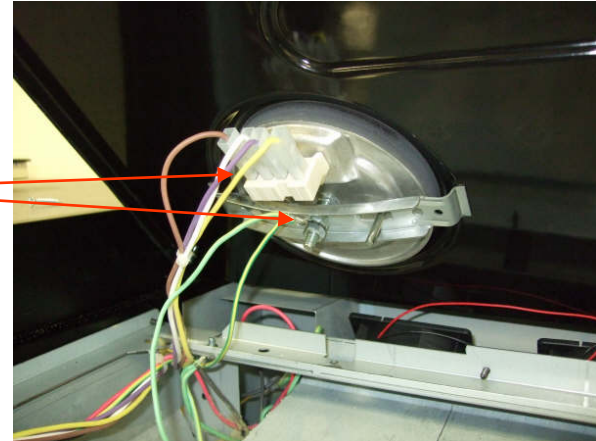


The Hob Pressing, continued

Lift pressing from the front and remove cables and earth connection from hotplate (please note cable configuration – see diagram)

Slide back of pressing from under rear trim

Reverse process when replacing hob panel with new.

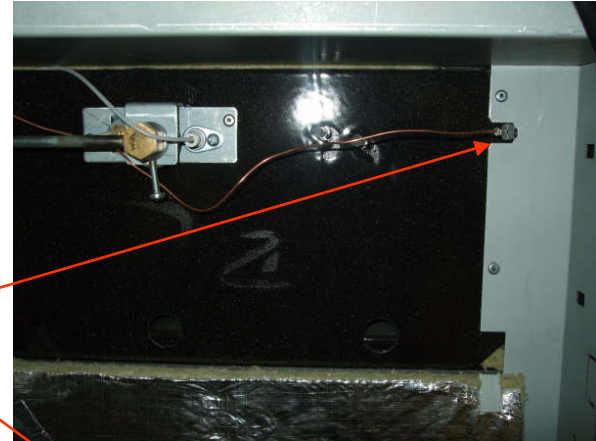




The Thermocouple

Disconnect and remove cooker from its housing.

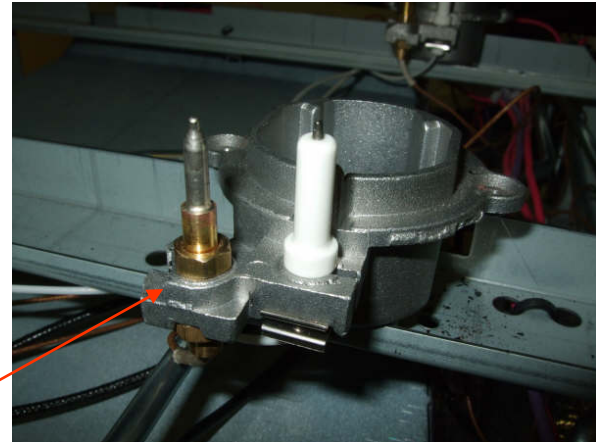
Lift up the hob pressing to gain access to the components below. Both the oven and grill have earth straps coming attached to the thermocouples. Ensure that the earth strap is fitted/not loose before removing the fixing screw/locking nut holding the thermocouple to the respective burner. Remove the spade fitting from the valve and replace.



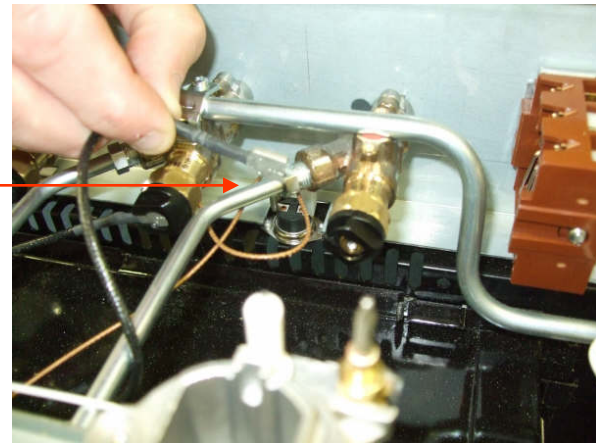


The Thermocouple, continued

There are two thermocouples for the hob burners. One, which is black, goes from the valve to the shut off mechanism and the second, which is copper, goes from the burner to the shut off mechanism.



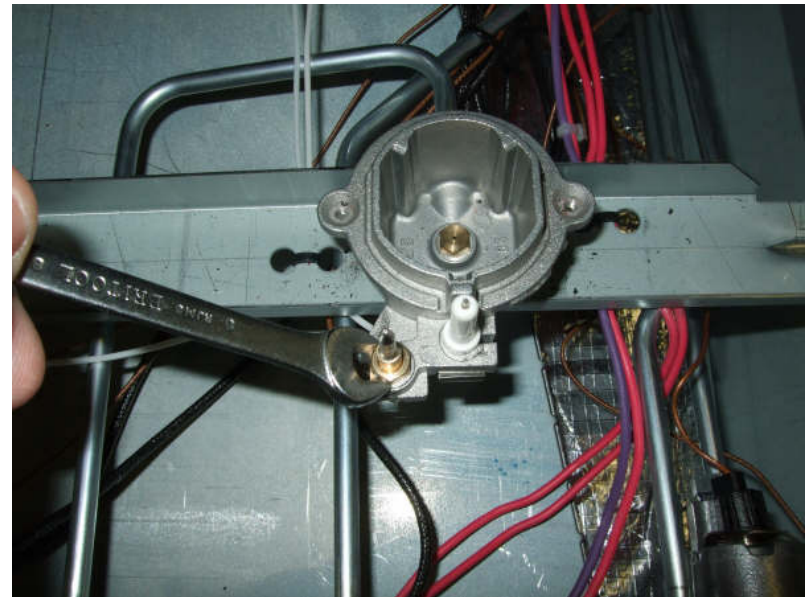
Trace the relevant thermocouple back to the shut off mechanism and pull off the spade fitting. If the thermocouple is for the gas valve pull off the spade fitting and replace.





The Thermocouple, continued

If the thermocouple is from the burner to the shut off mechanism. Trace back to the shut off valve and pull off the spade fitting. Use an 8mm spanner to remove the locking nut holding the thermocouple probe to the burner cup.

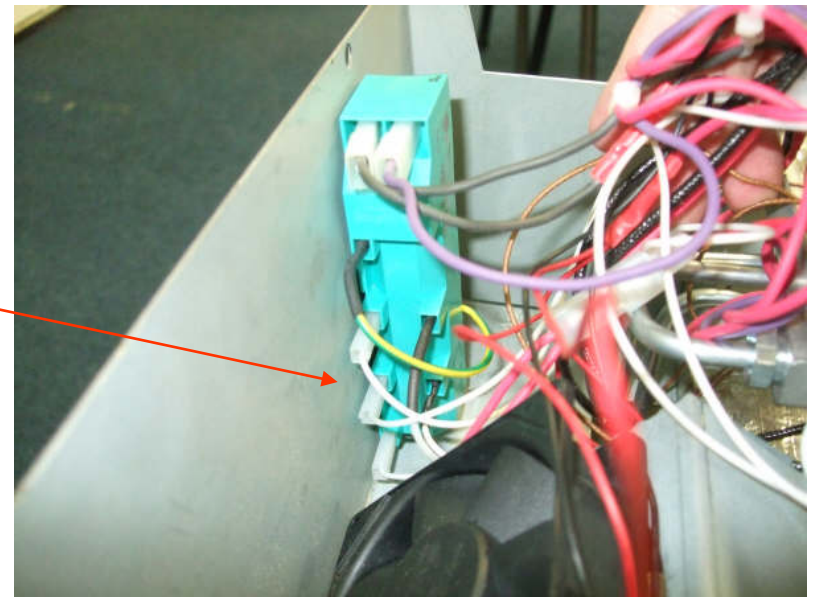




The Ignition Electrode

Disconnect and remove the cooker from its housing.

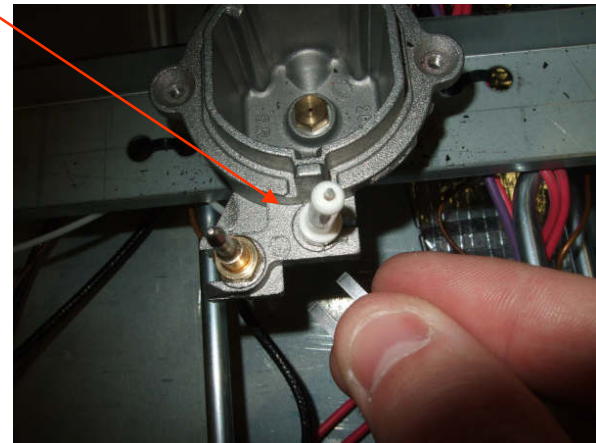
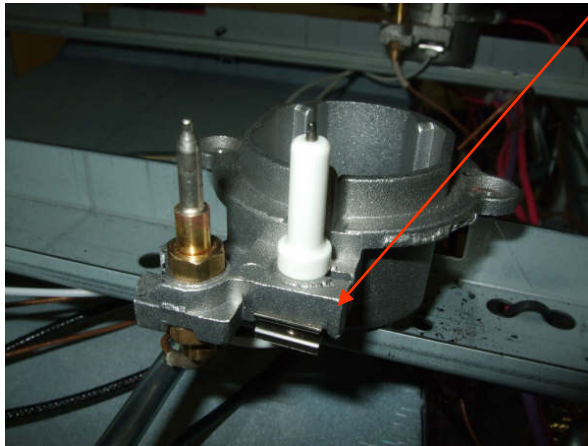
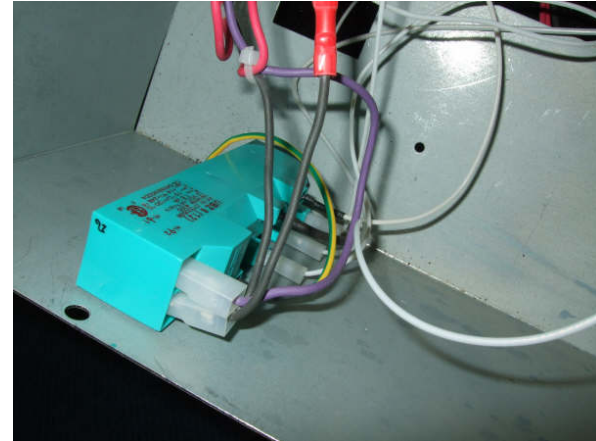
Lift the hob pressing and check the connection of the relevant electrode on the 12v generator. If the electrode is faulty then pull the spade fitting off the terminal point. The electrodes for the oven and grill are secured by a single self tapping screw. Remove this and gently pull the electrode through the cavity box and replace.





The Ignition Electrode, continued

The Electrodes for the hob burners are retained on the burner cup by a silver 'crocodile' clip. Squeeze and pull the clip off and then lift the probe out of the burner cup.

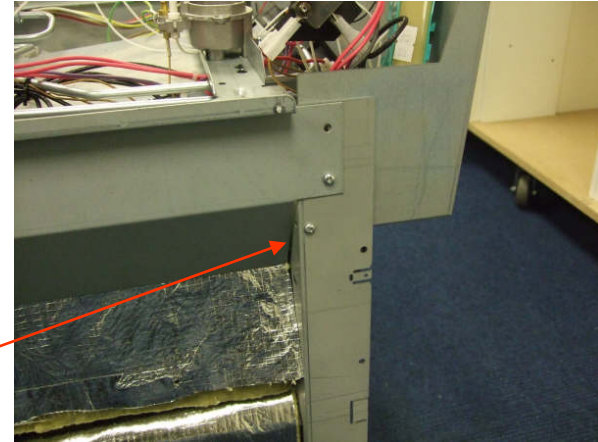




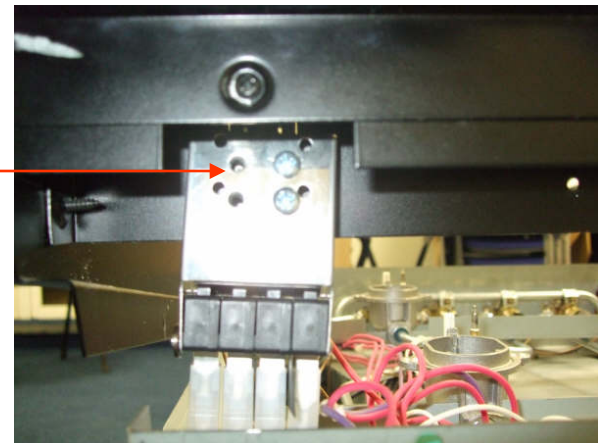
The Shut Off Mechanism

Disconnect and remove cooker from the housing.

Remove the 4 x screws retaining the back plate to the cooker. This will allow you access to the shut off mechanism bracket.



Remove the two silver screws noting which holes are used on the metal bracket.





The Shut Off Mechanism, continued

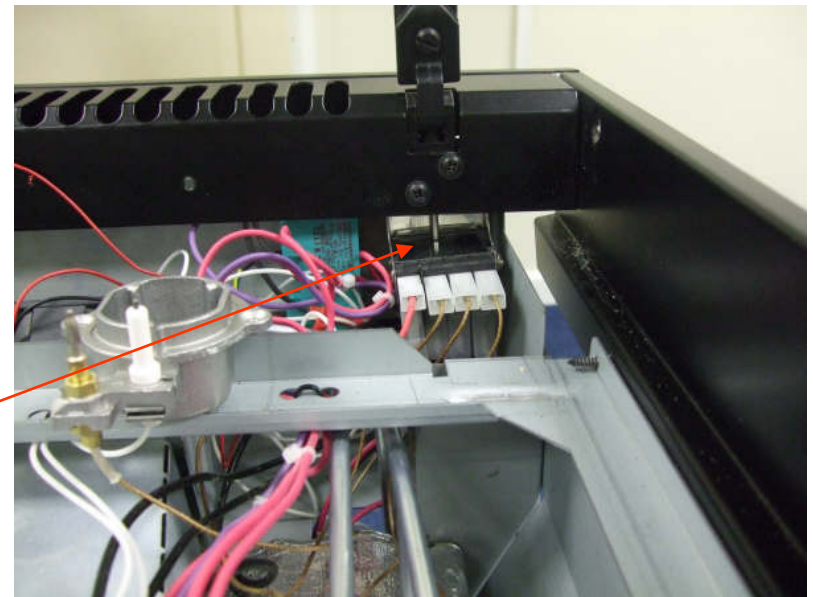
The shut off's wiring is as follows; 1. Hotplate (2 x Red wires), 2. Front left hob burner, 3. Front right burner, 4. Rear right burner. Trace the black thermocouples back to their relevant burner valves. It is imperative to ensure that both types of thermocouples for each burner correspond on the shut off terminals. If both are not correctly matched then at least two hob burners will not function.





The Shut Off Mechanism, continued

Pull off all spade fittings from all four terminals to remove the shut off mechanism from the cooker. Take care not to misplace the thin metal pin/barrel from the glass lid hinge.

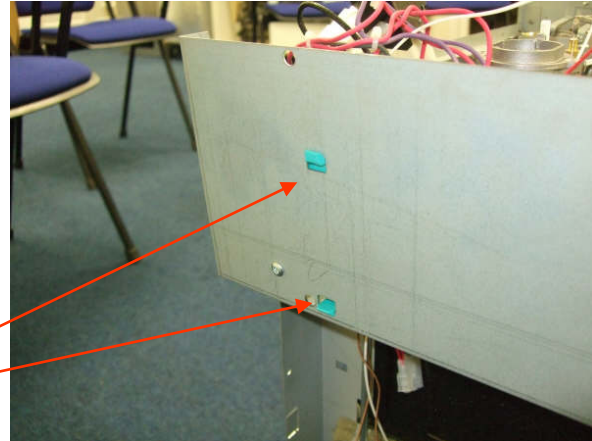




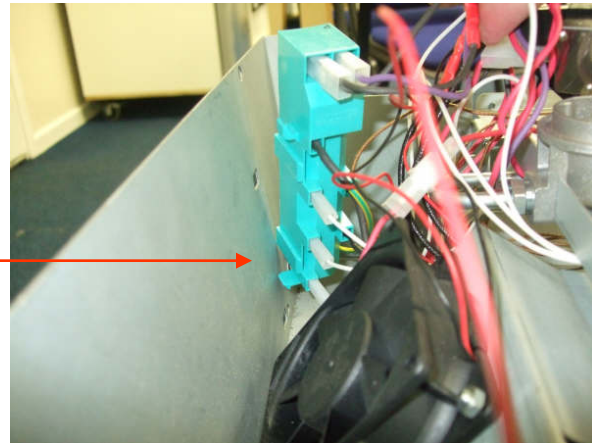
The 12v Spark Generator

Disconnect and remove cooker from its housing.

Remove the 4 x screws holding the rear galvanized plate to the cooker. The 12v spark generator is clipped onto this plate.



To remove the generator gently push down on the generator and pull away from the galvanized plate until the top clip is free from the box. Lift bottom clip to remove the generator.

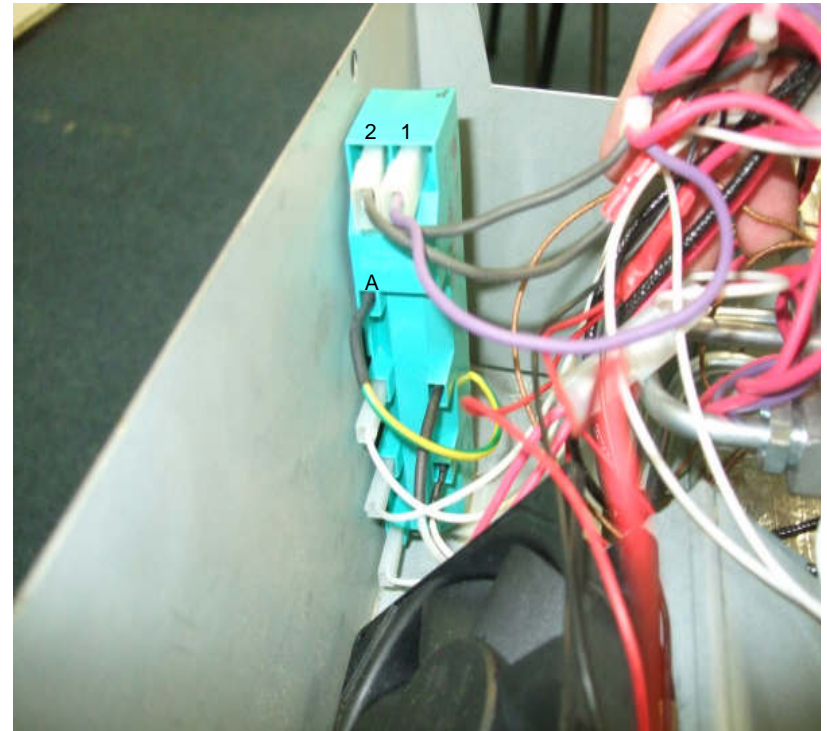




The 12v Spark Generator, continued

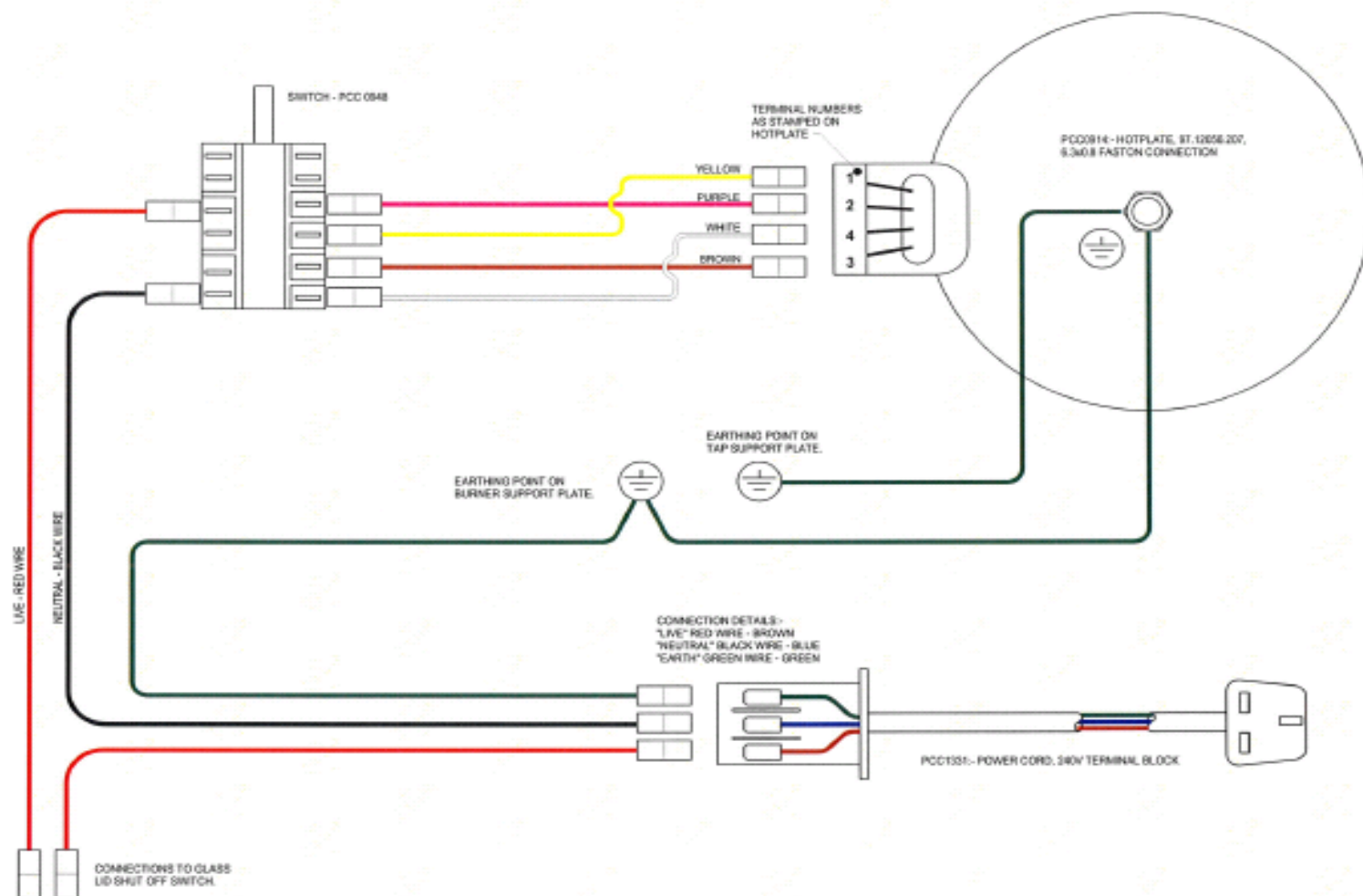
The wiring on the 12v generator is as follows; Terminal 1. Purple 12v ignition wire. Terminal 2. Black negative wires for the two fans and 12v ignition. Terminal A. Earth strap. The remaining terminals B to F are for the three hob burner, grill and oven electrodes. These five wires can go on any of these terminal points.

Pull off all spade fittings from terminals to remove the generator completely.





Hotplate, Switch and 230v Generator



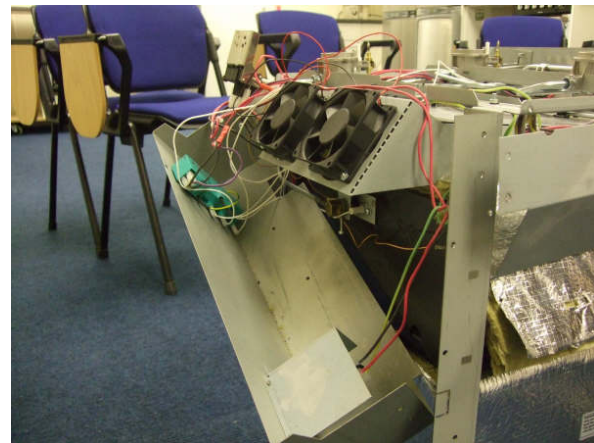
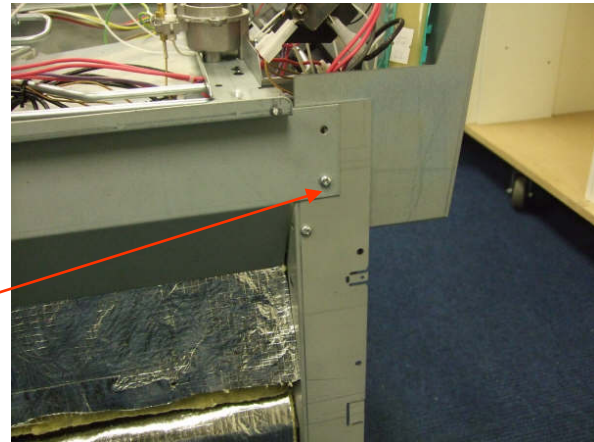


The 12v Fans

Disconnect and remove cooker from its housing.

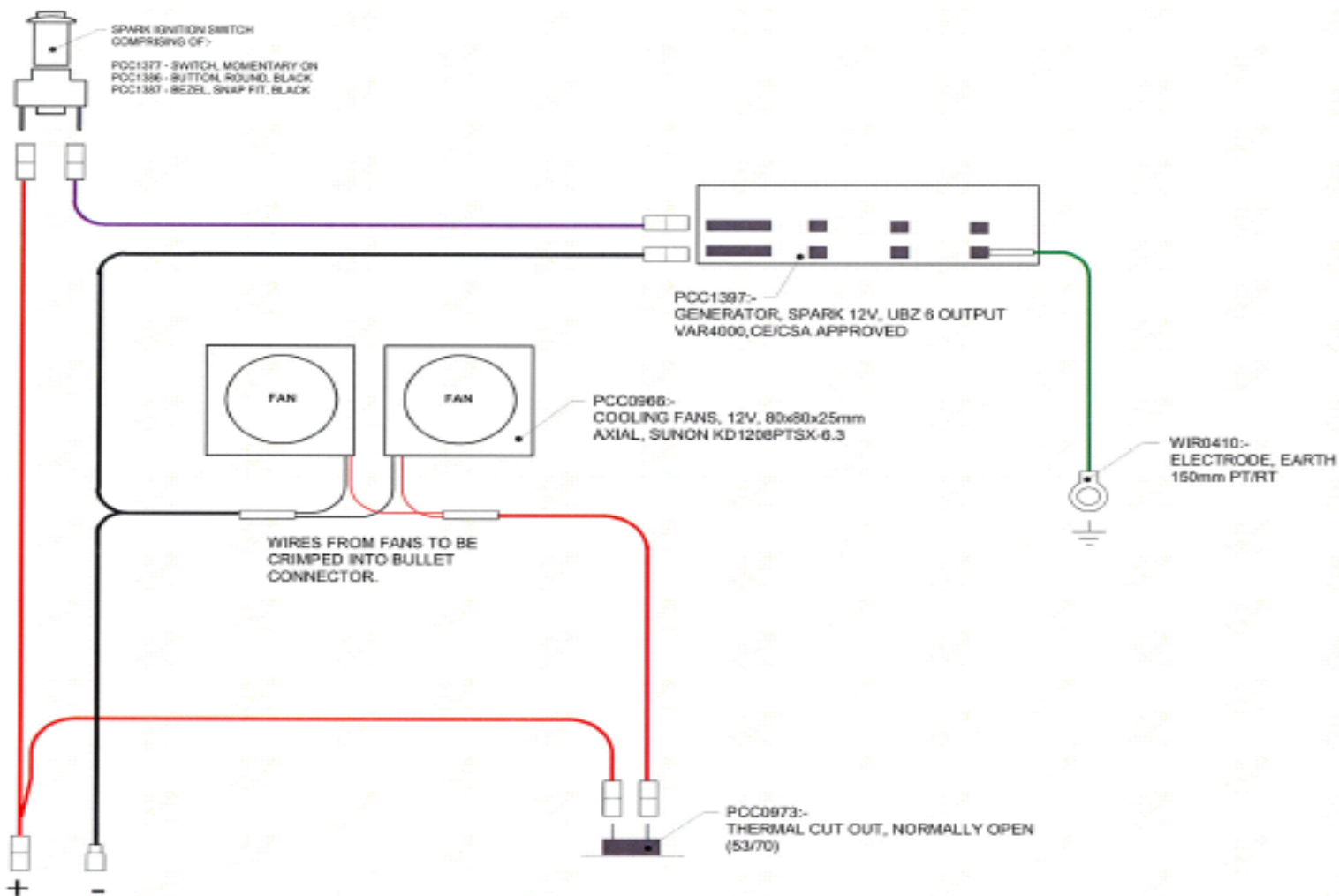
Remove the silver screws both left and right holding the galvanized plate to the cooker.

Cut both positive and negative wires as close as possible to the crimps. See the wiring diagram on the next slide.





The 12v Fans, continued

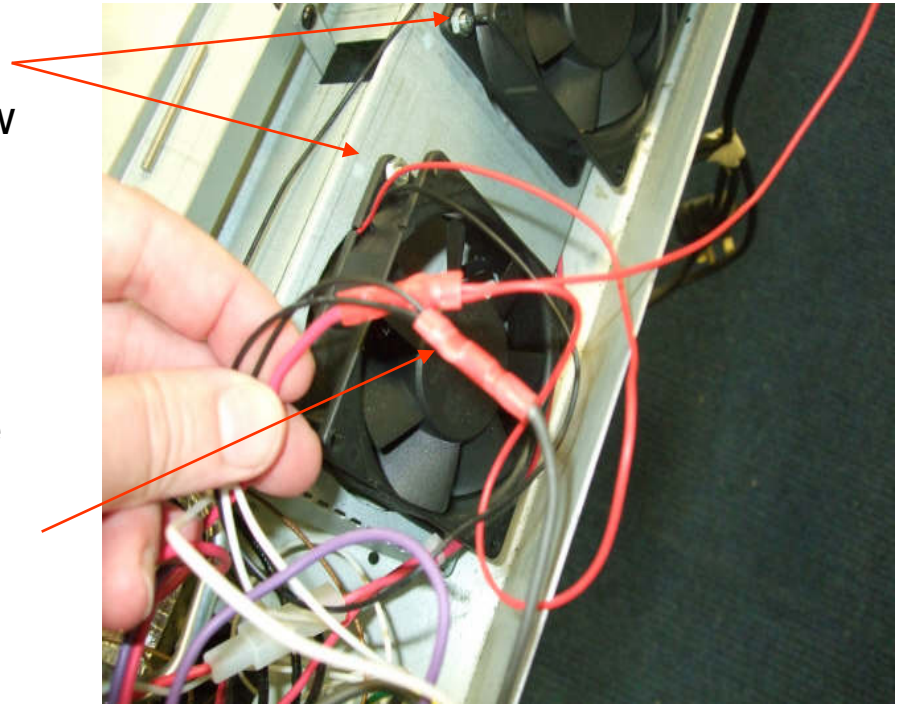




The 12v Fans, continued

Using an adjustable or 7mm spanner release both the top and bottom nuts and shake proof washers whilst you hold the screw still with a stubby screwdriver or your fingers.

Replace fan or fans and connect both sets of positive and negative wires together using crimps. Be sure to correspond the wires to ensure correct polarity. The fan side that has the label on should face inward towards the appliance.

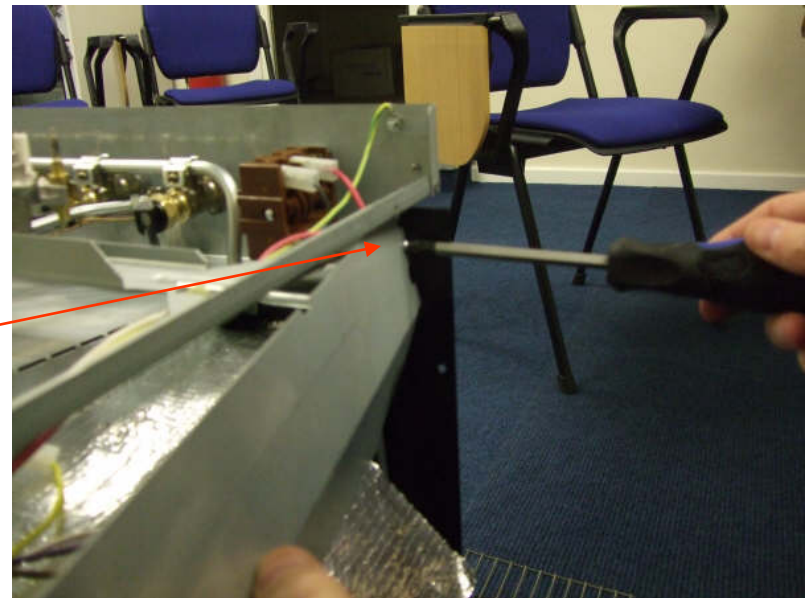




The Grill Burner

Disconnect and remove cooker.
Remove pressing, lid, side
trims and unscrew shut off from
hinge. Remove screws on the
rear galvanized box.

Unscrew and remove both
galvanized side sheets.

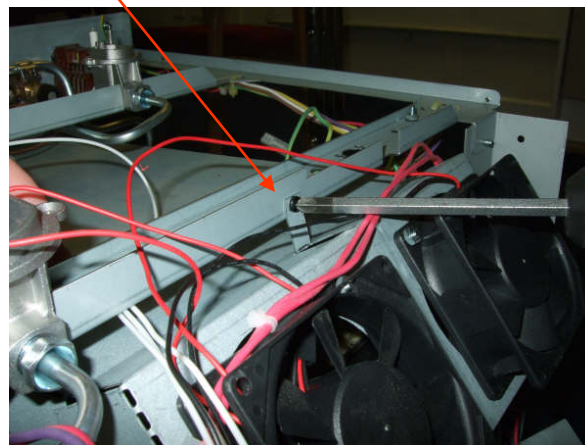
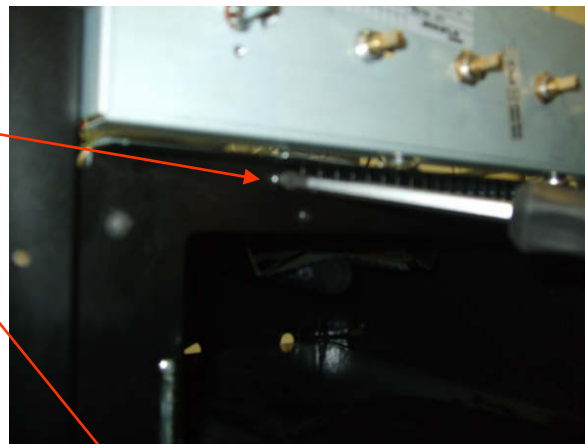
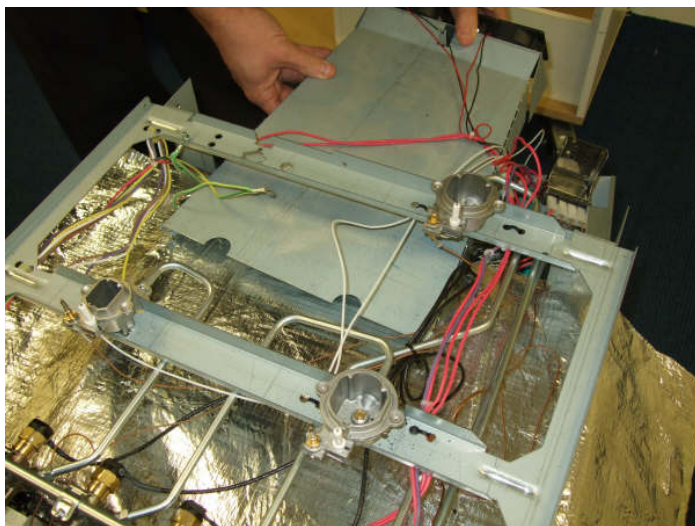




The Grill Burner, continued

Unscrew and slowly retract the flue diverter box housing the two 12v fans.

Take care not to trap or snag any part of the wiring looms or to tear the grill box insulation cover.

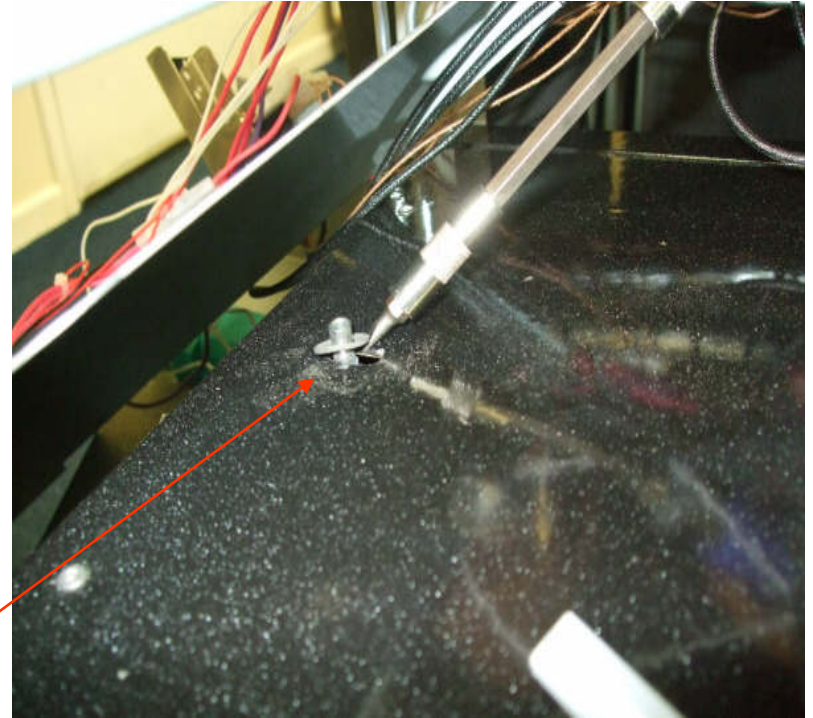




The Grill Burner, continued

Using a stanley knife or similar cut through the silver insulation tape holding the insulation cover to the grill box. Gently pull the insulation cover through the cooker and clear the top of the grill box of any 'debris'.

Using a thin flat headed screwdriver or similar carefully prize off the two starlock washers holding the grill burner spigots to the box roof.

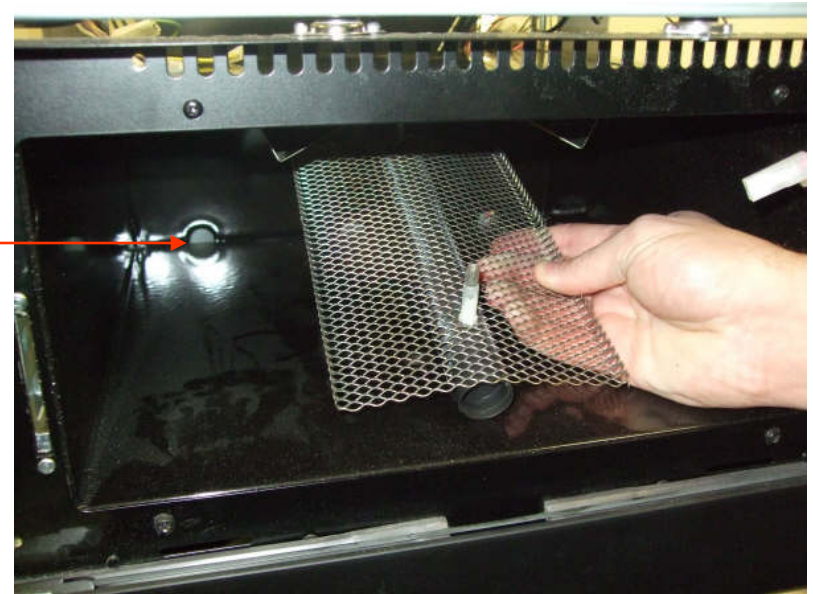




The Grill Burner, continued

Once the starlock washers have been removed the grill burner tube and attached mesh can then be lowered and from the grill box roof and removed from the cooker.

It is advisable that new starlock washers are used when refitting or replacing the grill burner.



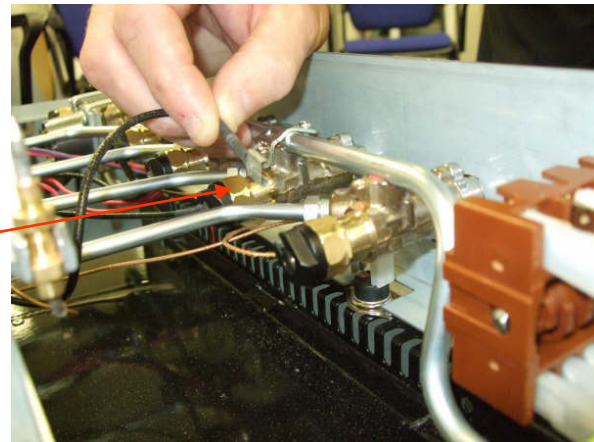
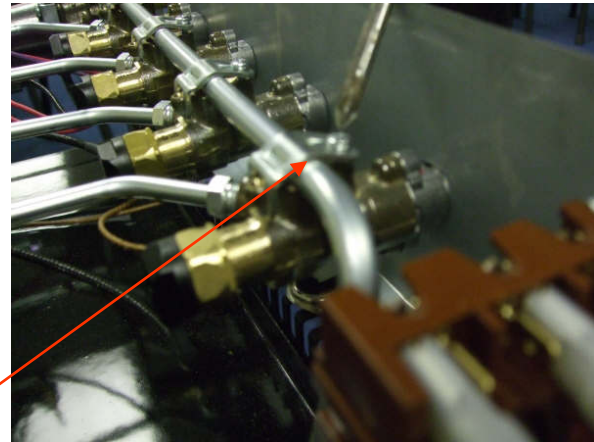


The Hob/Grill Gas Burner Valve

It is advisable to remove the appliance when carrying out 'internal' work so as to avoid any damage. Remove the hob pressing.

Unscrew the bridging piece holding the burner valve to the gas rail or manifold.

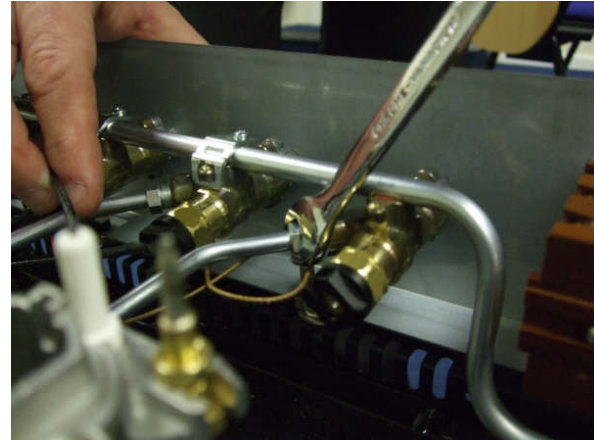
Pull off the push-fit thermocouple.





The Hob/Grill Gas Burner Valve, continued

Using a 10mm spanner unscrew the nut holding the burner feed pipe to the burner valve. The burner valve can then be removed from the gas rail or manifold.

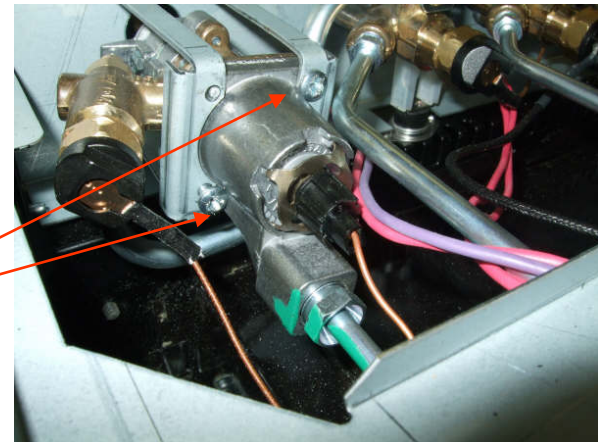
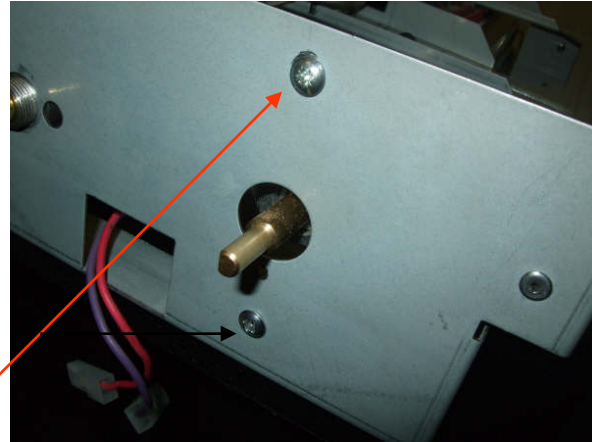




The Thermostatic Valve

As with the 'Hob/Grill Gas Burner Valve', remove all necessary screws and parts to enable access to the gas rail or manifold.

You will need a PZ2 size screwdriver to remove the screws holding the thermostat mounting bracket to the thermostat and the fascia mounting plate. Start by removing the screws at the back.

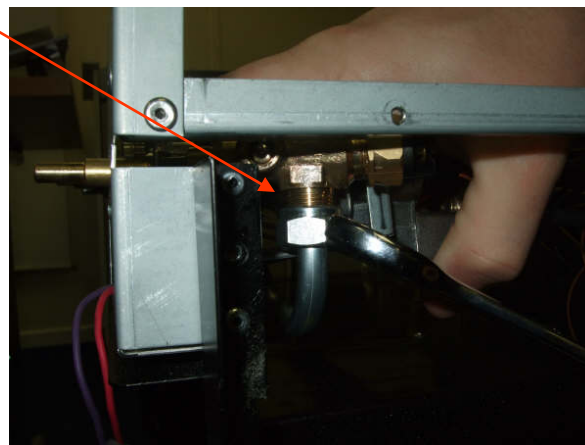
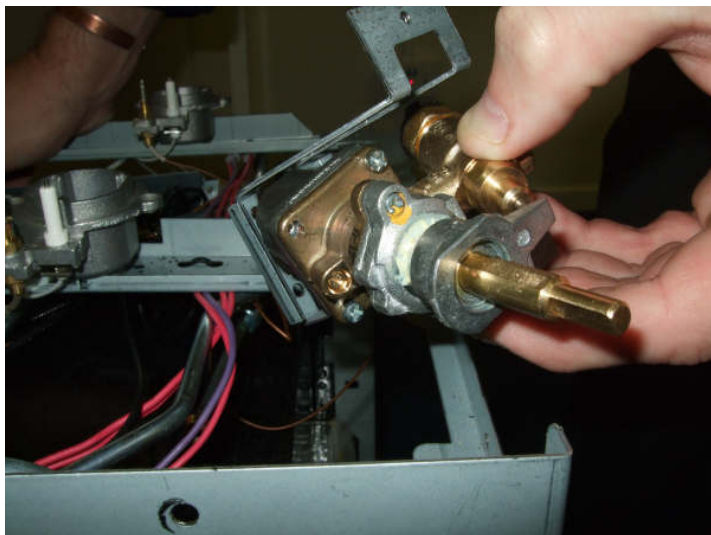
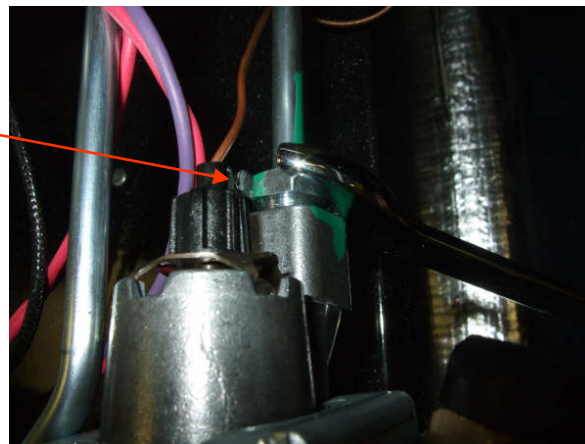




The Thermostat Valve, continued

A 13mm spanner will loosen the nut holding the oven burner feed pipe to the thermostat valve.

Use a 17mm spanner or adjustable to loosen nut holding thermostat valve to the gas rail or manifold.



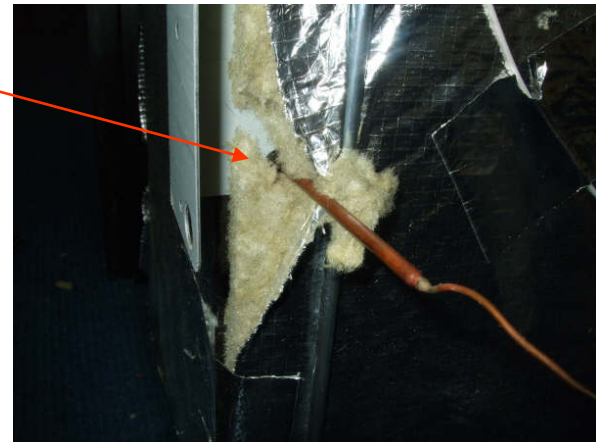
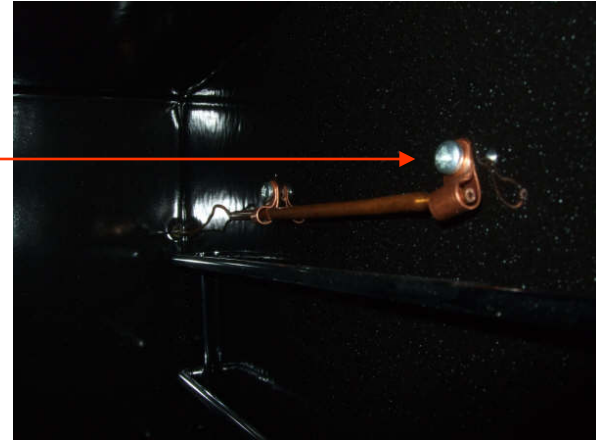


The Thermostatic Valve, continued

Drop down the oven door and, using the PZ2 screwdriver, slacken up the two copper 'P-clips' located a third of the way down on the right hand oven cavity wall.

Pull the capillary tube and phial (sensor probe) through the 'P-clips' and through the back of the oven cavity.

Reverse the entire process when replacing the thermostat valve.





Dealer Time Allowances

1. Removing and Replacing the appliance = 40 MINUTES
2. Removing and Replacing the Hob pressing = 20 MINUTES
3. Removing and Replacing the Fascia = 10 MINUTES
4. Removing and Replacing a Hob/Grill gas valve = 50 MINUTES
5. Removing and Replacing a Thermocouple/Electrode = 50 MINUTES
6. Removing and Replacing the Thermostatic Valve = 100 MINUTES
7. Removing and Replacing the 12v Spark Generator = 60 MINUTES



Dealer Time Allowances

8. Removing and Replacing a 12v Fan = 60 MINUTES
9. Removing and Replacing the Fan Assembly = 70 MINUTES
10. Removing and Replacing the Hotplate Generator = 60 MINUTES
11. Removing and Replacing the Shut Off Mechanism = 60 MINUTES
12. Removing and Replacing the Grill Burner = 80 MINUTES
13. Removing and Replacing the Oven Burner = 10 MINUTES
14. Removing and Replacing the Hotplate/Hotplate Switch = 60 MINUTES



Dealer Time Allowances

15. Removing and Replacing the 12v Ignition Switch = 20 MINUTES

16. Removing and Replacing the Glass Lid Hinges = 5 MINUTES (per hinge)

The labour for removing or replacing the following parts are is not covered;

1. The Glass Lid
2. Cooker Doors
3. Control Knobs
4. The Pan Support
5. Oven Shelf or Shelves
6. Glass Lid Bump Stops
7. Pan Support Clips

THETFORD

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CAPRICE Mk3 SERVICE PROCEDURE





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Slide 14. The 12v Spark Generator

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Slide 20. The Grill Burner Jet

Slide 21. The Oven Burner Jet

Slide 22. The Grill & Oven Thermocouples

Slide 23. The Hob Thermocouple



The Drop Down Oven Door

Open the door and engage the catch on the lower arm of the hinge to hook on to the upper arm. Repeat for both hinges and then lift the door up and pull out of the front trim to remove the door from the appliance.





Removing the Appliance

Disconnect the cooker from the gas supply. Remove the oven door if not already done so. Remove the 2 x screws from each side of the cookers front trim and the 4 x screws holding the cooker top to the worktop.

Carefully slide the appliance forward by one third and check at the rear for any possible snagging of pipes or wires. Once checked, lift the appliance out of its housing and place on a suitable surface.



The Fascia

Pull off all control knobs and remove the screw from beneath the thermostatic valve on the right hand side using a PZ2 screwdriver.

Use a 16mm socket or similar to remove the two brass locking nuts. There will also be a red fibre washer to remove along with the locking nuts.

Gently lift off the fascia and disconnect the two ignition leads from the ignition rocker switch.





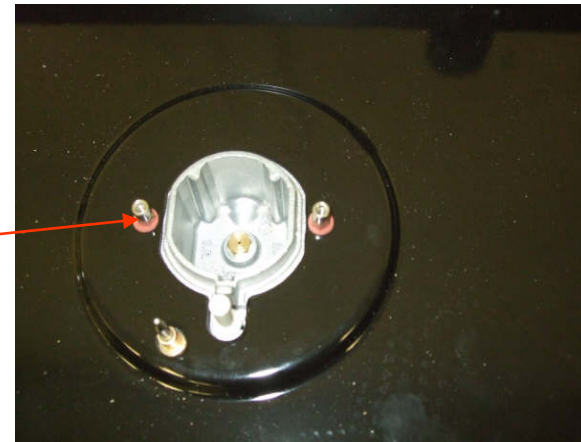
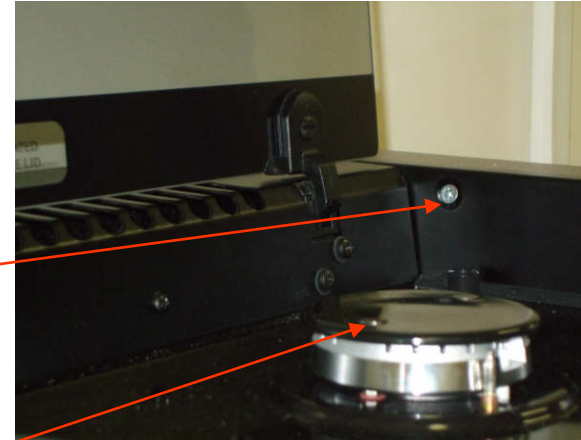
The Hob Pressing

Remove pan support

Remove 4 hob side trim screws
(PZ2 screwdriver)

Remove screws on burner caps
(PZ1 screwdriver)

Remove burner cup fixing studs
(5mm socket)





The Hob Pressing, continued

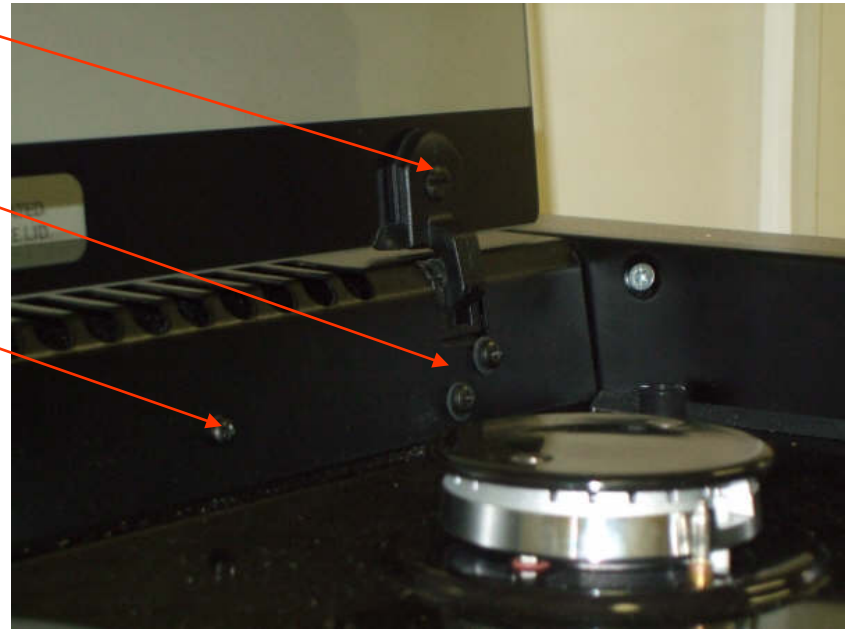
Loosen grub screws on hinges and lift out the glass lid.

Loosen off the 4 dome headed screws on the hinges.

Remove the 2 screws on rear hob trim that secure the pressing.

Remove the fascia and gently lift the hob pressing up.

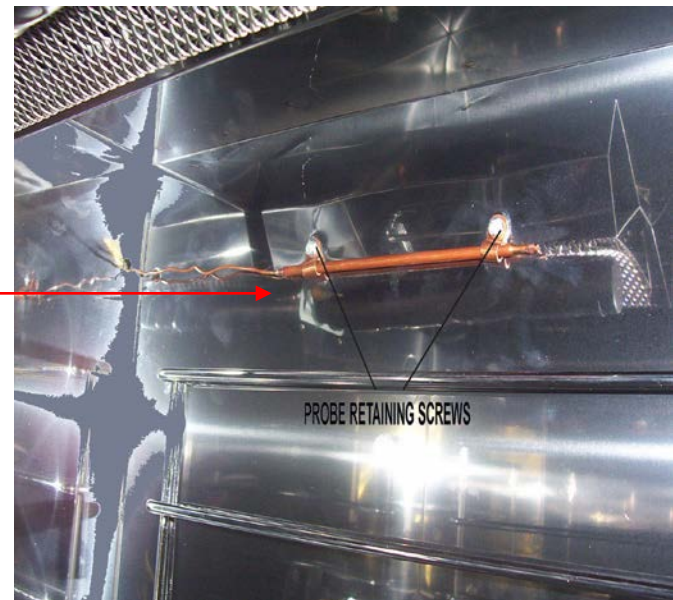
To remove completely, slide the pressing out from under the rear hob trim and away from the appliance.





The Thermostat

Disconnect the appliance from the gas supply and remove from the housing. Open the oven door and loosen the 2 x 'P' clips holding the thermostat probe in position and push the probe back through the hole in the rear of the cavity box.



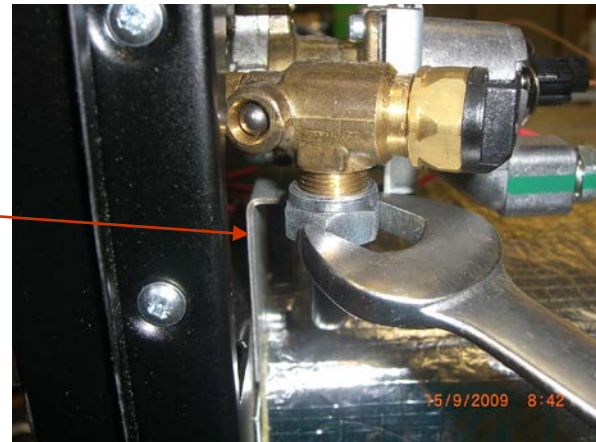
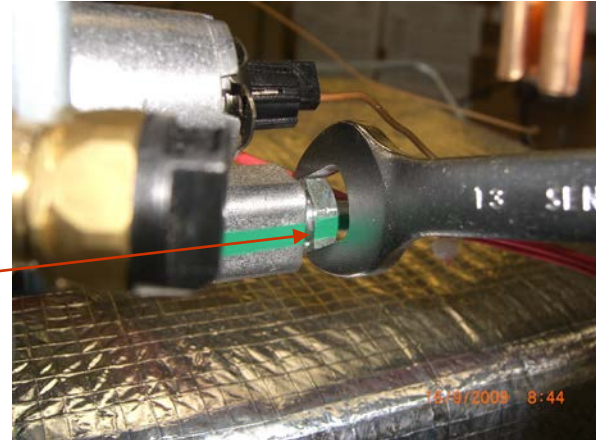


The Thermostat, continued

Pull off the thermocouple spade fitting from the back of the thermostat.

Using a 13mm spanner, disconnect the gas pipe from the Thermostat to the burner.

Use a 17mm spanner to disconnect the Thermostat on the manifold pipe.





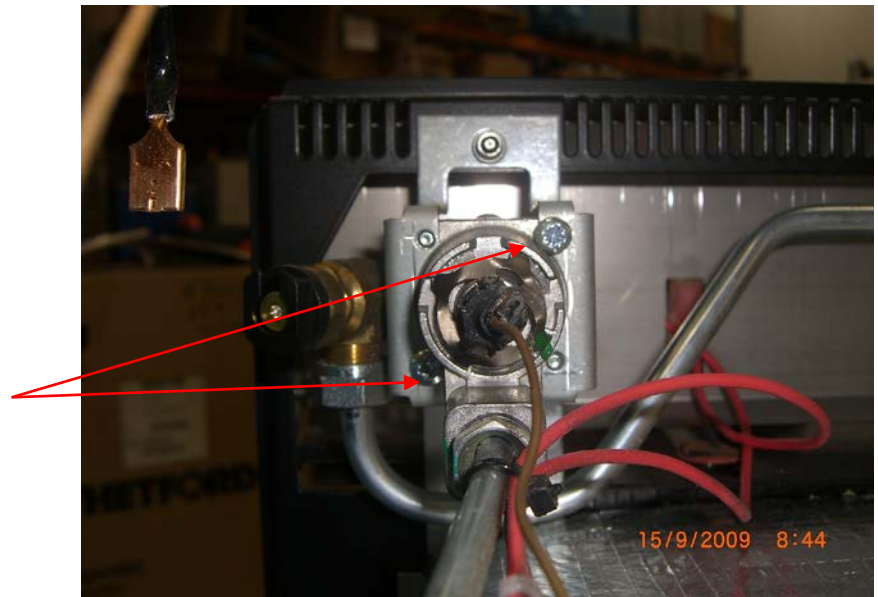
The Thermostat, continued

Remove the fascia panel to the front of the appliance.

Use a PZ2 screwdriver to remove the gas valve mounting bracket that is fastened to the fascia mounting plate.

Still with the PZ2, remove the two rear screws holding the bracket to the thermostat.

The valve can now be removed from the appliance.





The Hob Burner Gas Valve



The Hob burner gas valve, continued

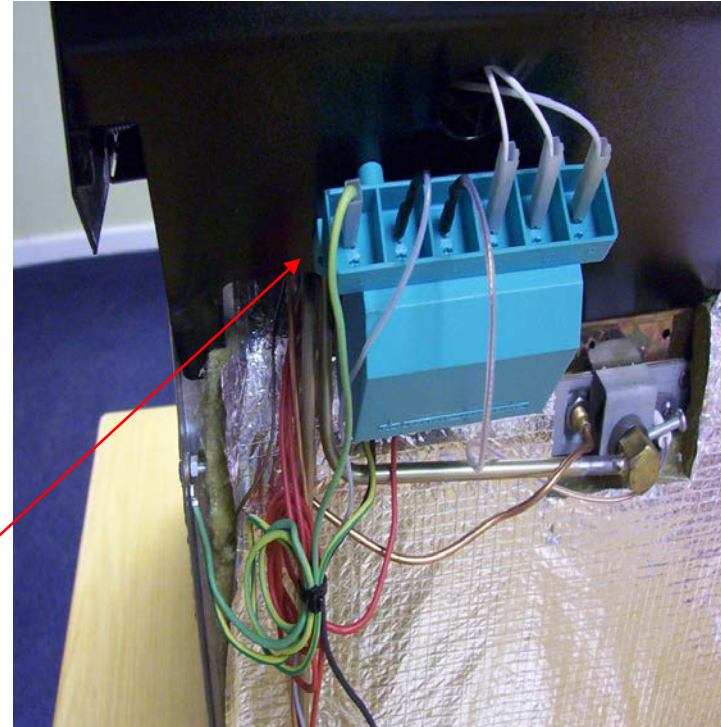


The 12v Spark Generator

12v Spark Generator is located at the rear of the appliance.

Disconnect the gas supply and remove the cooker from its housing.

Pull off all spade fittings from the terminal points on the generator. Remove the 2 x fixing screws top and bottom to remove the generator.



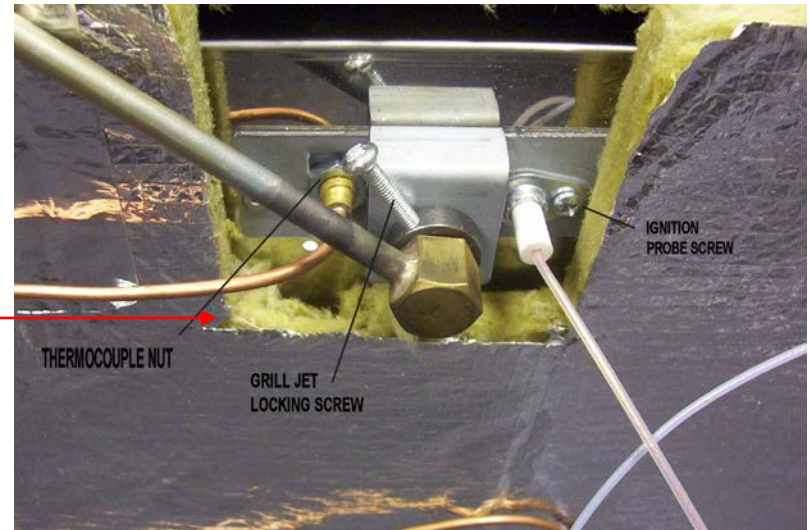


The Spark Ignition

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Remove the small screw from the bracket on the rear of the appliance that is holding the ignition probe in position.

Trace the electrode back to the 12v spark generator and pull the spade fitting off the terminal point.

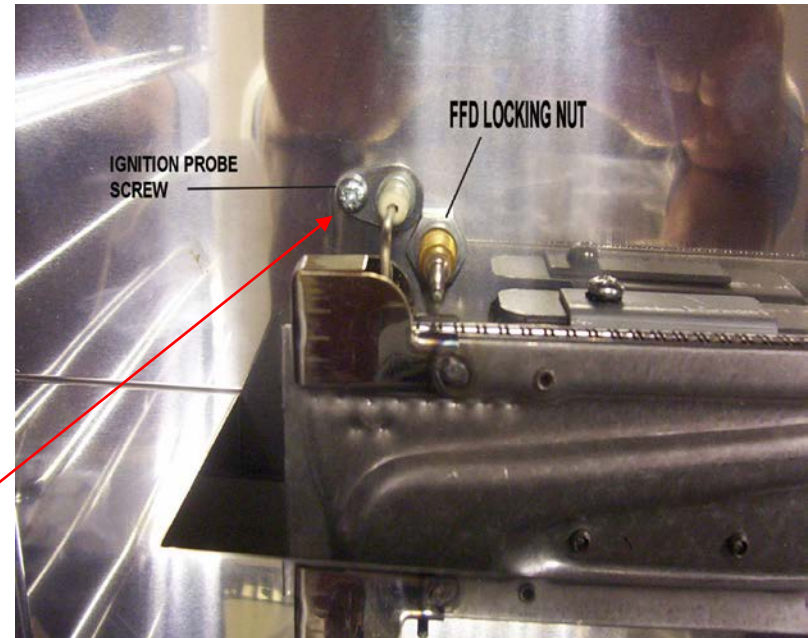




The Spark Ignition, continued

Oven Burner – Trace the electrode wire up the back of the appliance to the 12v spark generator and pull the spade fitting off the terminal point.

Unscrew the fixing screw on the electrode inside the cavity box then carefully pull the electrode through from inside the cavity.

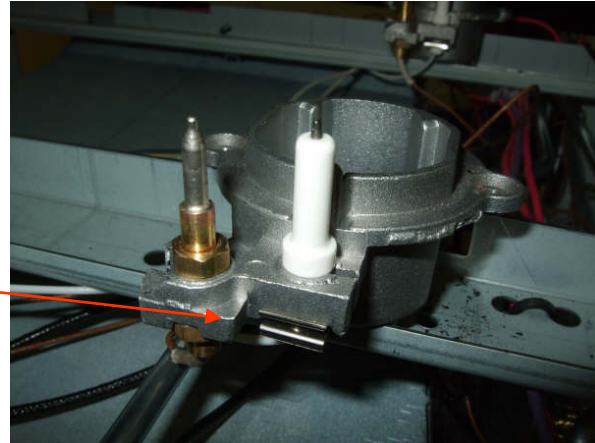




The Spark Ignition, continued

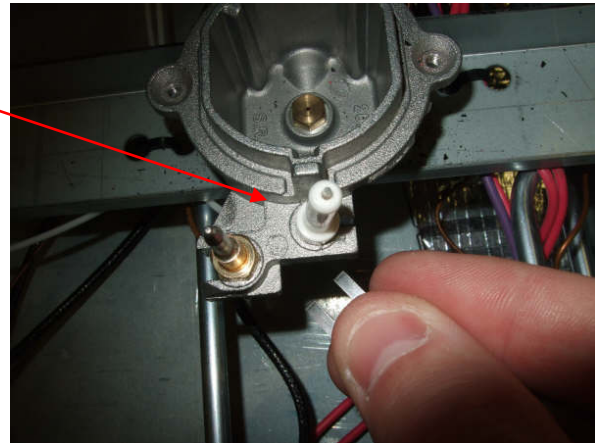
Remove the hob pressing.

The Electrodes for the hob burners are retained on the burner cup by a silver 'crocodile' clip. Squeeze and pull the clip off. Use either your fingers or a pair of long-nosed pliers.



Then lift the probe out of the burner cup.

Trace the relevant electrode back to the 12v spark generator and pull the spade fitting off its terminal point.





The Grill Burner



The Grill Burner, continued

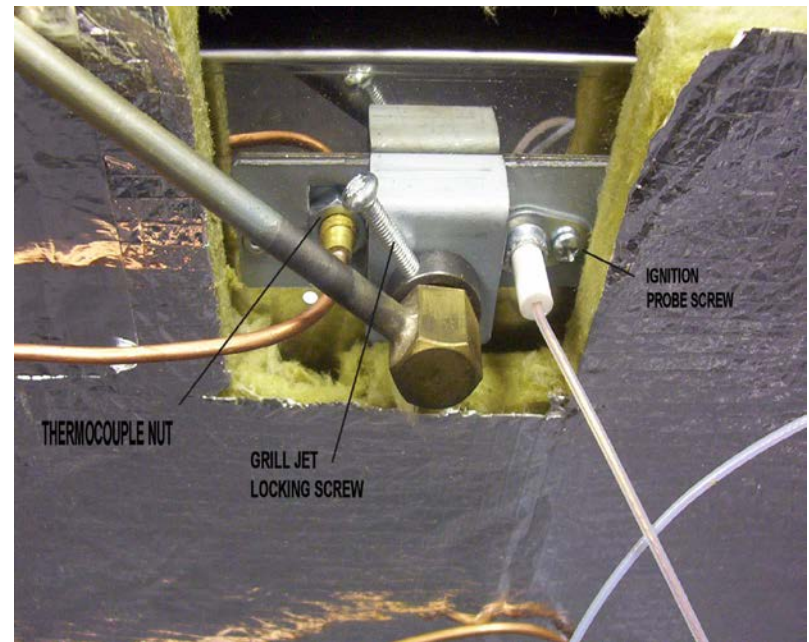


The Grill Burner Jet (size .62)

Disconnect from the gas supply and remove the appliance from the housing.

Remove the locking screw from the injector 'bush'.

Remove the grill pipe from the gas valve and unscrew the jet using an 8mm spanner.

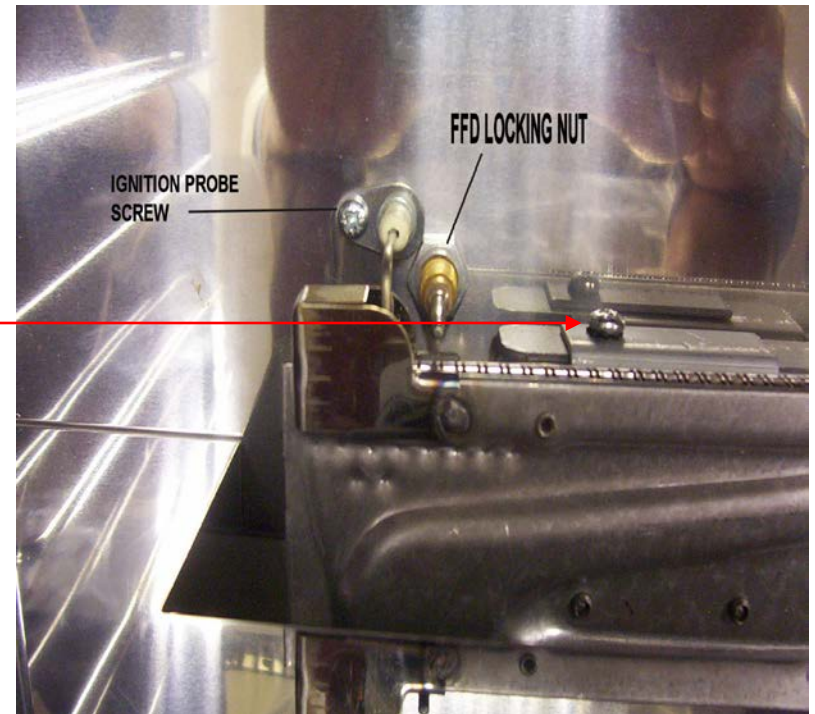




The Oven Burner Jet (size .59)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out.

The Jet is exposed to the right hand side of the burner housing bracket. Unscrew the jet using an 8mm spanner.

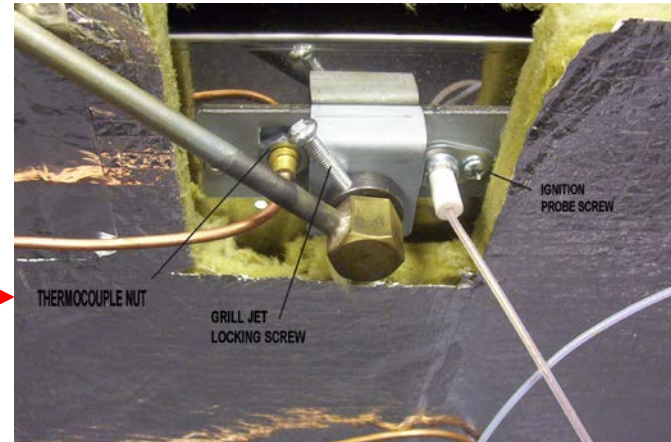




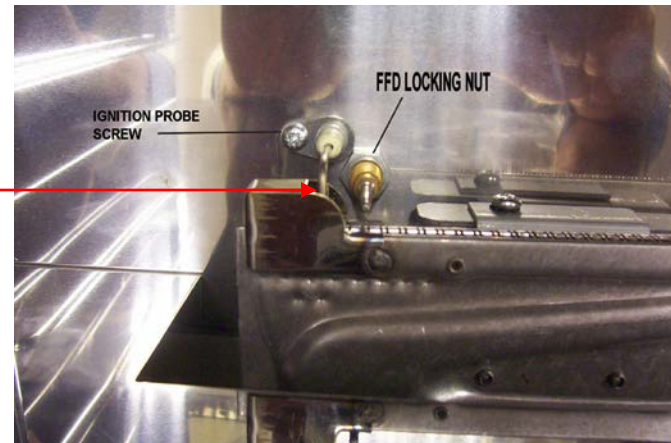
The Grill and Oven Thermocouples

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Unscrew the thermocouple from the gas valve. Unscrew the nuts on the probe at the grill burner and gently pull through.



Oven Burner – Unscrew the thermocouple from the gas valve. Inside the cavity box the thermocouple is found just above the oven burner on the rear wall. Unscrew the locking nuts and gently pull the thermocouple through.

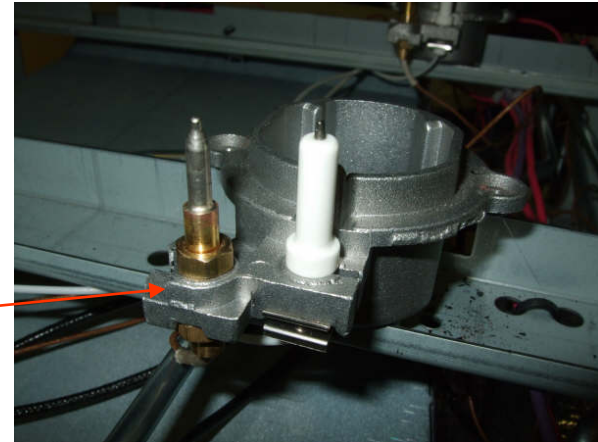




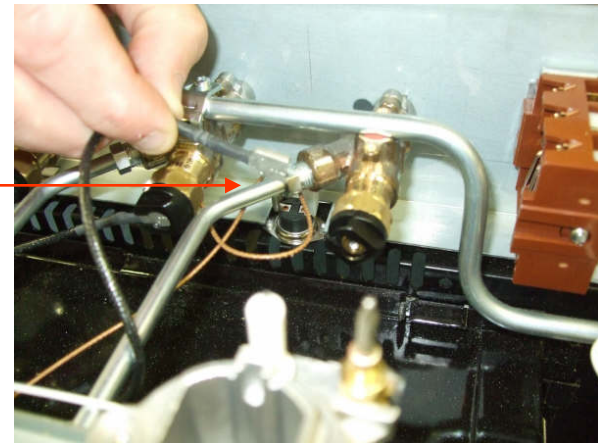
The Hob Thermocouple

Remove the hob pressing.

Use an 8mm spanner to remove the locking nut holding the thermocouple probe to the burner cup.



Trace the relevant thermocouple back to the gas valve pull off the spade fitting and replace.



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Thetford Ltd
19 Oakham Drive
Parkwood Industrial Estate
SHEFFIELD
S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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MIDI PRIMA MK3 SERVICE PROCEDURE





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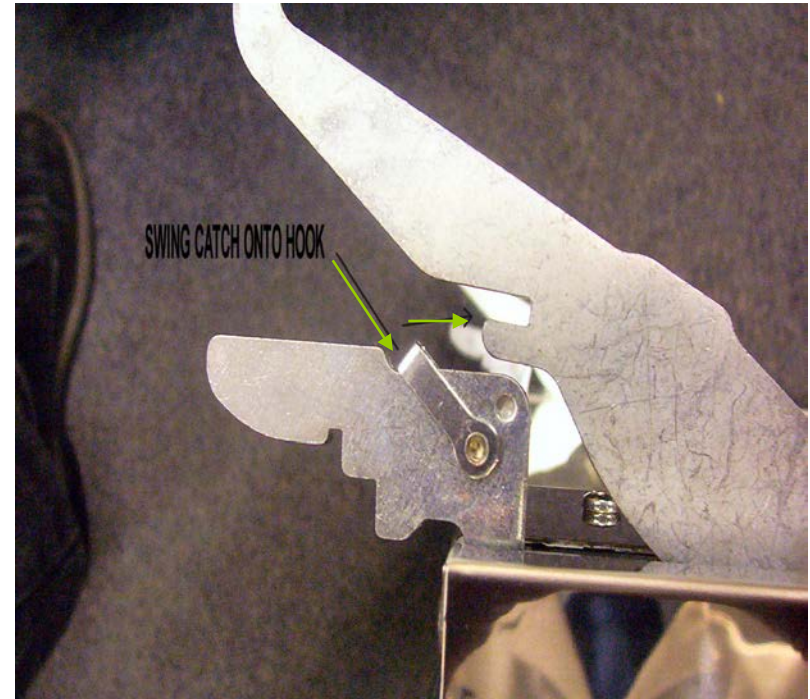
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The Drop Down Oven Door

Open the door and engage the catch on the lower arm of the hinge to hook on to the upper arm. Repeat for both hinges and then lift the door up and pull out of the front trim to remove the door from the appliance.

Reverse the process to replace the door.





Removing the Appliance

Disconnect the cooker from the gas supply. Open both the oven and grill doors. Remove all fitting screws from down each of the front trim.

Carefully slide the appliance forward by one third and check for any possible snagging of pipes or wires. It is most likely that if a Spinflo hob is fitted above the cooker then its ignition electrodes will be fitted to the spark generator at the back of the cooker. Trace these electrodes to their terminal points and pull off.

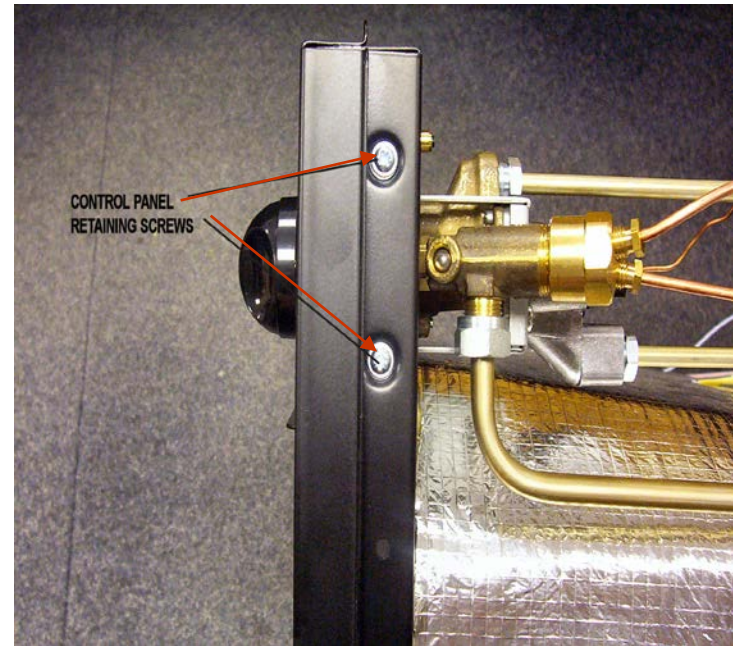
Lift the appliance out of its housing and place on a suitable surface.



The Fascia

The appliance, depending on the installation, will not need to be disconnected from the gas supply. Open both the oven and grill doors and remove the side trim fixing screws. Pull the appliance forward slightly to reveal the fascia fixing screws at each end.

Pull off the control knobs and unscrew both screws either side holding the fascia to the main trim.





The Grill Burner

Disconnect from the gas supply and remove the appliance from the housing. Remove the insulation body cover and open the oven door.

Using a thin flat headed screwdriver or similar lever off the 2 x starlock washers retaining the grill burner. The grill burner can then be lowered and removed from the appliance.



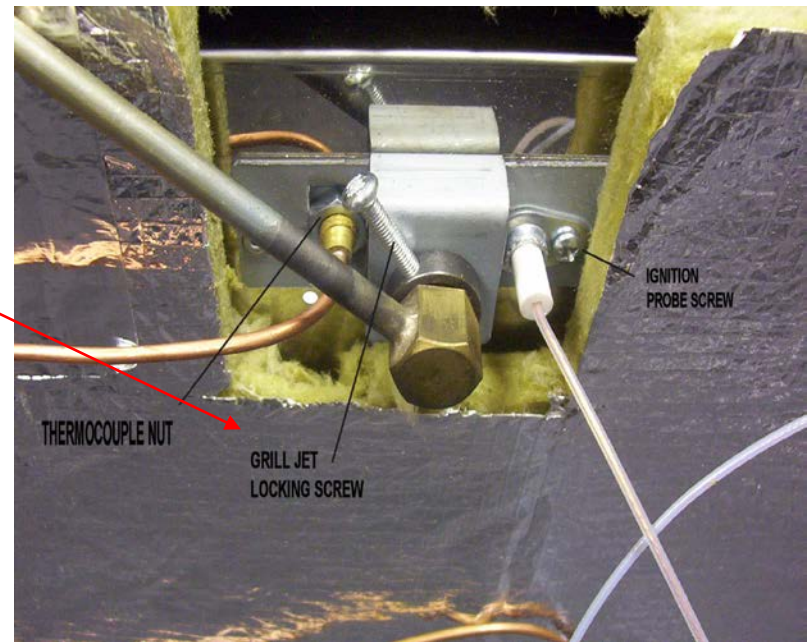


The Grill Burner Jet (size .62)

Disconnect from the gas supply and remove the appliance from the housing.

Remove the locking screw from the injector 'bush'.

Remove the grill pipe from the gas valve and unscrew the jet using an 8mm spanner.



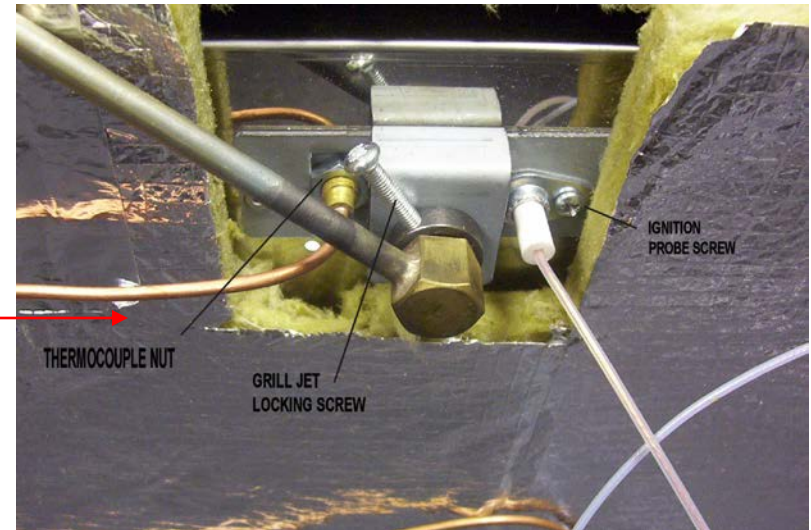


The Spark Ignition

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Remove the small screw from the bracket on the rear of the appliance that is holding the ignition probe in position.

Trace the electrode back to the 12v spark generator and pull the spade fitting off the terminal point.

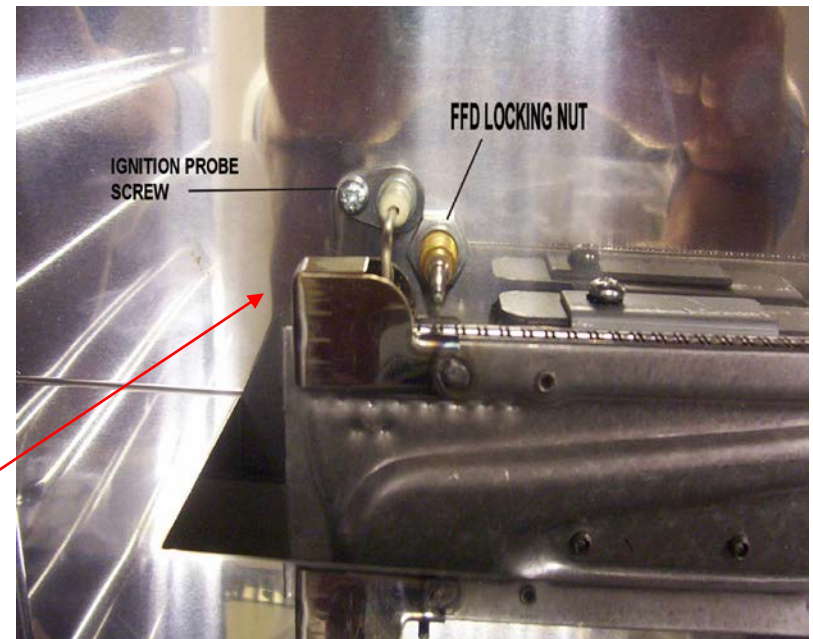




The Spark Ignition, continued

Oven Burner – Trace the electrode wire up the back of the appliance to the 12v spark generator and pull the spade fitting off the terminal point.

Unscrew the fixing screw on the electrode inside the cavity box then carefully pull the electrode through from inside the cavity.

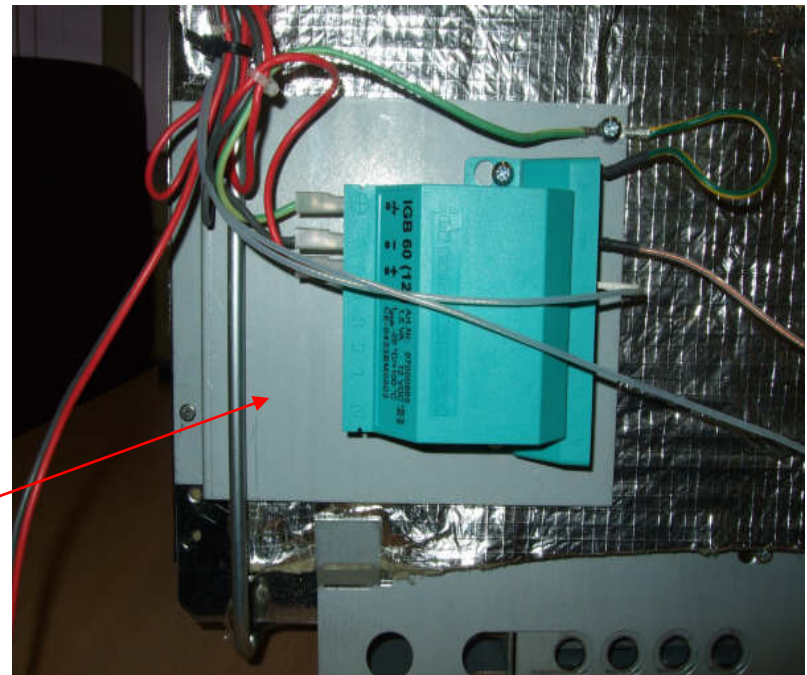




The Spark Ignition, continued

Piezo Spark Generator –
Remove both oven and grill
electrodes. Remove the
locking nut and carefully
remove the piezo from the
fascia panel.

12v Spark Generator – Pull off
all spade fittings from the
terminal points on the
generator. Remove the 2 x
fixing screws top and bottom to
remove the generator.

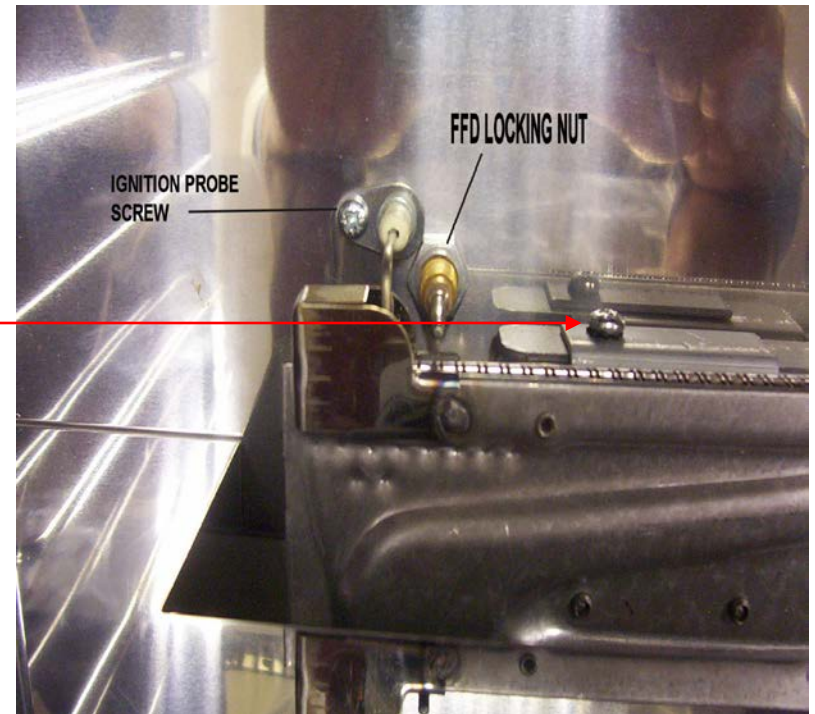




The Oven Burner & Jet (size .59)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out.

The Jet is exposed to the right hand side of the burner housing bracket. Unscrew the jet using an 8mm spanner.

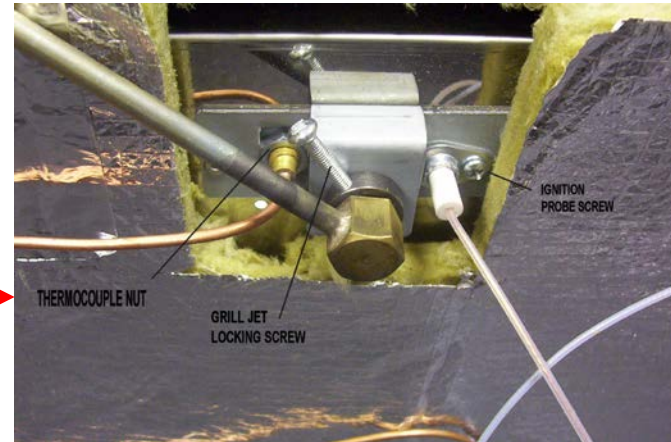




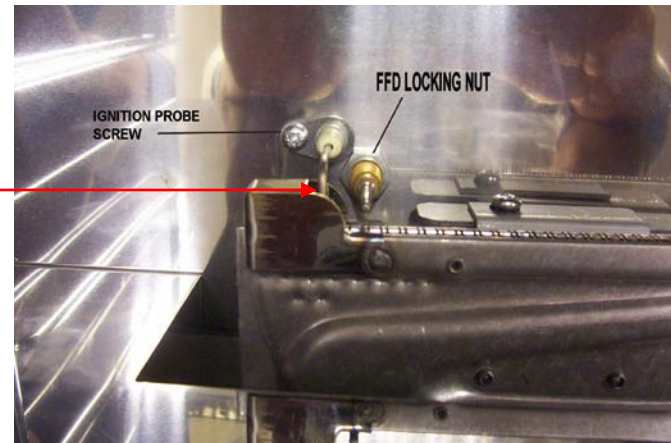
The Thermocouples

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Unscrew the thermocouple from the gas valve. Unscrew the nut at the grill burner.



Oven Burner – Unscrew the thermocouple from the gas valve. Inside the cavity box the thermocouple is found just above the oven burner on the rear wall. Unscrew the locking nut and gently pull the thermocouple through.



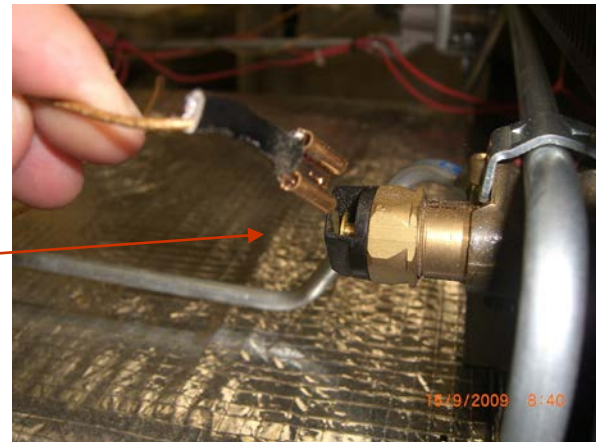


Grill Gas Valve

Disconnect the gas supply and remove the cooker from its housing.

Pull off the control knob and remove the brass locknut holding the tap to the fascia. Use a 16mm socket or similar to do this.

Pull off the thermocouple from the back of the grill gas valve.

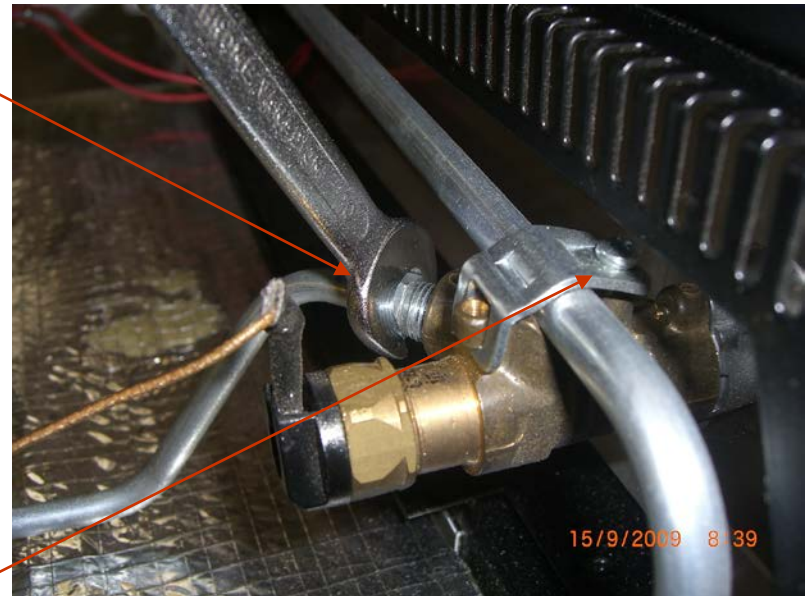




Grill Gas Valve, cont...

Using a 10mm spanner disconnect the gas pipe from the valve to the burner.

To gain access to the saddle bracket loosen up the 'p' clip on the manifold pipe on the left hand side of the cooker down at the bottom. The manifold pipe can then be gently pulled back for you to get a PZ1 screwdriver onto the saddle bracket allowing you to remove the valve from the cooker.





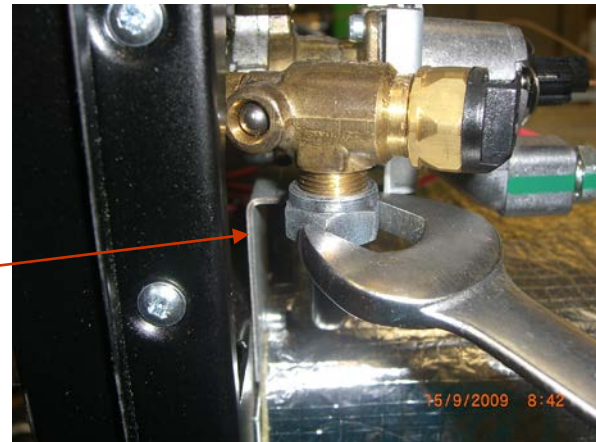
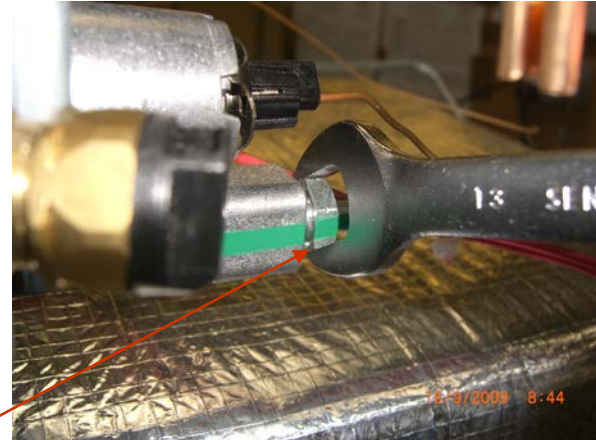
The Thermostat

Disconnect the gas supply and remove the cooker from its housing.

Remove the fascia panel.

Using a 13mm spanner, disconnect the gas pipe from the Thermostat to the burner.

Use a 17mm spanner to disconnect the Thermostat on the manifold pipe.

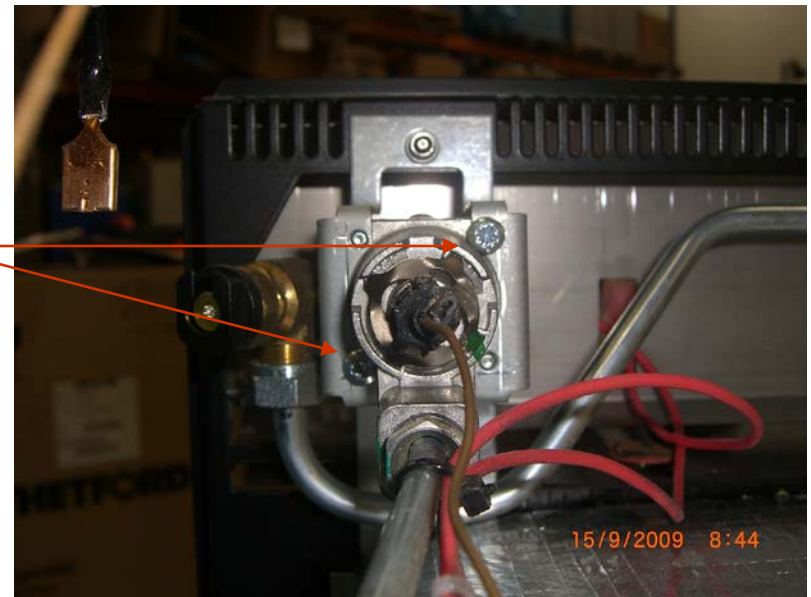




The Thermostat, cont...

Use a PZ2 screwdriver to remove the thermostat mounting bracket that is fastened to the cooker trim.

Still with the PZ2, remove the two rear screws holding the bracket to the thermostat.





The Thermostat, cont...

The thermostat is now free from the appliance barring the phial (sensor probe) in the oven cavity.

Open the oven door and loosen up the two 'P' clips holding the phial to the cooker wall. Thread the capillary tube and phial through the back of the cooker to completely remove the thermostat from the appliance.





Dealer Time Allowances

REPLACING THE APPLIANCE – Remove and replace oven door, 6 x fixing screws and gas supply to disconnect and reconnect: 10 minutes for initial test. 10 minutes to remove and replace appliance. 10 minutes for final test = **30 MINUTES**

REPLACING THE FASCIA – 10 x Screws in total, Remove control knob and ignition switch or piezo, Remove and replace fascia = **15 MINUTES**

REPLACING THE GRILL VALVE – 6 x fixing screws, disconnect and reconnect gas supply. Locknut to remove. Feed pipe to disconnect and reconnect. Fault Diagnosis: 15 minutes for initial test and fault diagnosis i.e. no gas. 30 minutes to remove appliance and valve and to replace. 15 minutes for final test = **60 MINUTES**



Dealer Time Allowances

REPLACING AN ELECTRODE – Disconnect and remove appliance.

Fault Diagnosis: 15 minutes for fault diagnosis i.e. no ignition to a burner and for initial test. 10 minutes to remove appliance and change electrode. 15 minutes to refit appliance and test = **40 MINUTES**

REPLACING A THERMOCOUPLE - Disconnect and remove appliance.

Fault Diagnosis: 15 minutes for fault diagnosis i.e. burner will not stay alight and for the initial test. 15 minutes to remove appliance and to change thermocouple. 15 minutes to refit appliance and test = **45 MINUTES**

REPLACING THE GRILL BURNER – Disconnect and remove appliance,

grill burner to remove and replace: 10 minutes for initial test. 45 minutes to remove cooker, remove and replace grill burner. 15 minutes to refit appliance and test = **70 MINUTES**



Dealer Time Allowances

REPLACING THE GRILL BURNER JET – Disconnect and remove cooker, disconnect inlet pipe, remove and replace burner jet: 10 minutes for the initial test. 10 minutes to disconnect and remove cooker and to disconnect inlet pipe. 10 minutes to remove and replace jet and to reconnect inlet pipe. 15 minutes to refit cooker and carry out final test = **45 MINUTES**

REPLACING THE THERMOSTAT – 10 x fixing screws (4 x Fascia), disconnect and reconnect gas supply. Valve bracket to remove and refit. 2 x feed pipes to disconnect and reconnect. Fault Diagnosis: 15 minutes for initial test and fault diagnosis i.e. no gas. 30 minutes to remove appliance and valve and to replace. 15 minutes for final test = **60 MINUTES**



Dealer Time Allowances

REPLACING THE OVEN BURNER – 1 x screw, remove and replace oven burner = **15 MINUTES**

REPLACING THE OVEN BURNER JET – 1 x screw, remove and replace burner and jet. Test = **30 MINUTES**

REPLACING THE 12V SPARK GENERATOR – 6 x fixing screws, gas supply to disconnect and reconnect, appliance to remove and refit. Fault Diagnosis: 10 minutes for initial test. 15 minutes for fault diagnosis and to remove appliance. 15 minutes to remove and replace the generator and to refit appliance. 10 minutes for final test = **50 MINUTES**

Thank you

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Thetford Ltd
Unit 19 Oakham Drive
Parkwood Ind. Est.
Sheffield, S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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The Drop Down Oven Door

Open the door and engage the catch on the lower arm of the hinge to hook on to the upper arm. Repeat for both hinges and then lift the door up and pull out of the front trim to remove the door from the appliance.





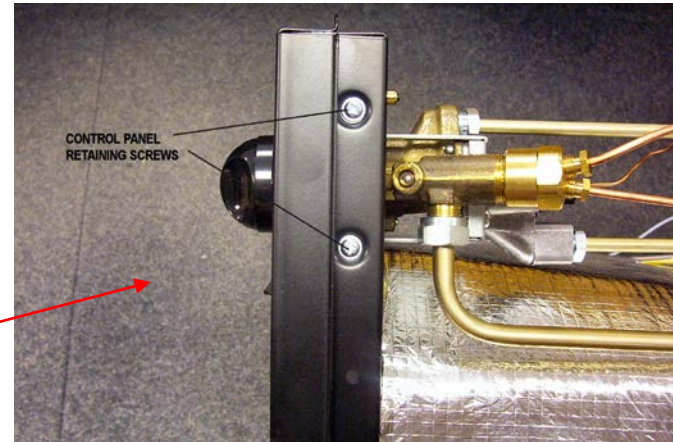
Removing the Appliance

Disconnect the cooker from the gas supply. Remove the oven door if not already done so. Remove the 2 x screws from each of the side trims. Carefully slide the appliance forward by one third and check for any possible snagging of pipes or wires. Once checked, lift the appliance out of its housing and place on a suitable surface.

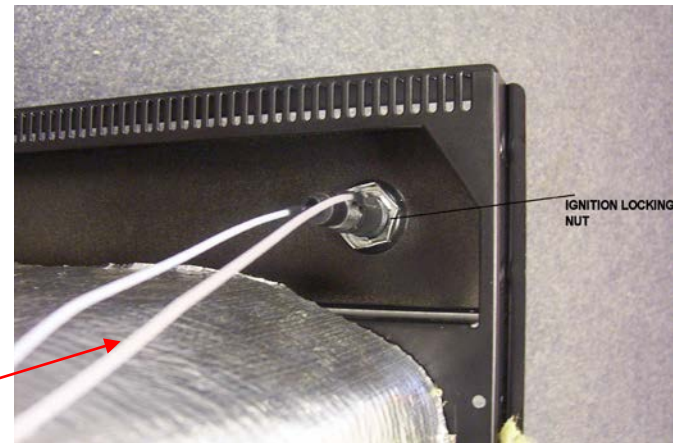


The Fascia

The appliance, depending on the installation, will not need to be disconnected from the gas supply. Remove the oven door and the 4 x side trim screws. Pull the appliance forward slightly to reveal the fascia fixing screws at each end.



Unscrew these along with the 2 x electrodes and large nut on the back of the piezo spark generator. Pull the fascia panel forward.

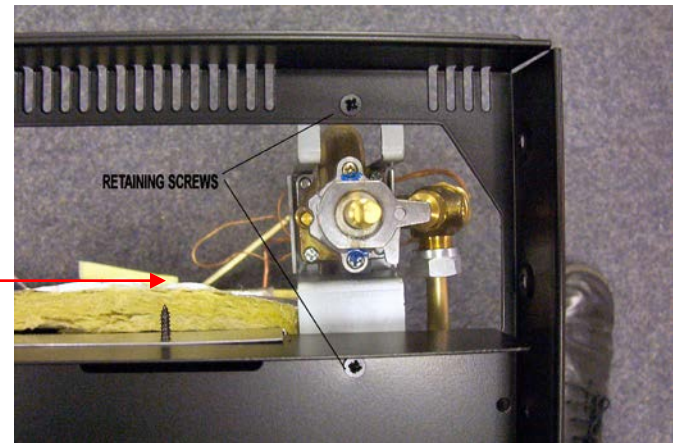
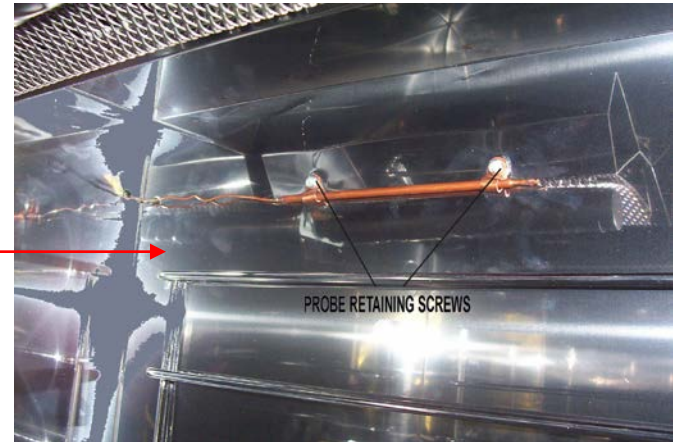




The Dual Function Gas Valve

Disconnect the appliance from the gas supply and remove from the housing. Open the oven door and loosen the 2 x 'P' clips holding the thermostat probe in position and push the probe back through the hole in the rear of the cavity box.

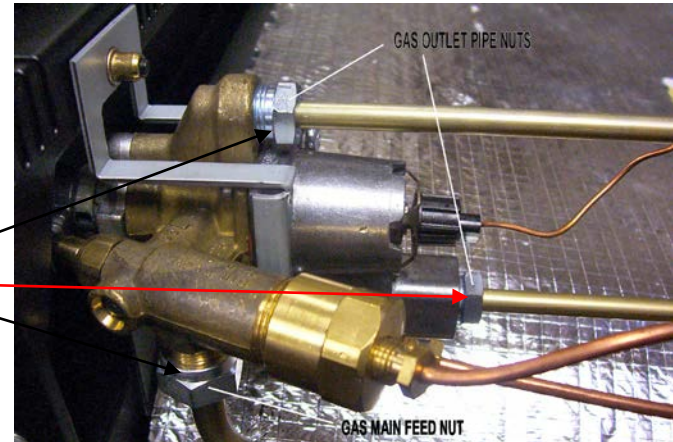
Remove the fascia panel and then remove the retaining screws from on top and underneath the gas valve.



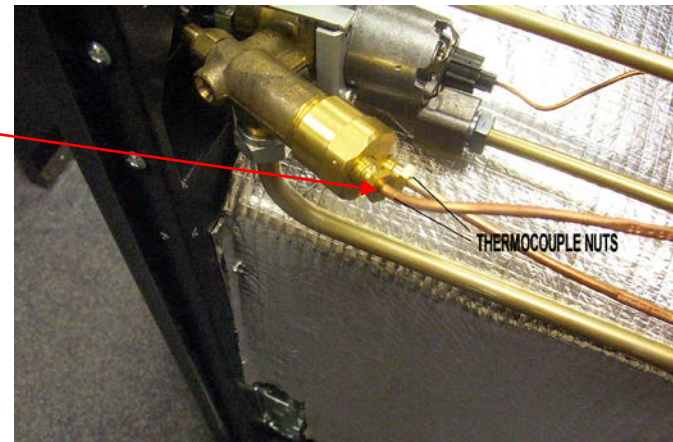


The Gas Valve, continued

Disconnect the inlet pipe and the 2 x burner supply pipes.



Disconnect both the oven and grill thermocouples.



Remove the gas valve bracket and fit on to the replacement.



The Grill Burner

Disconnect from the gas supply and remove the appliance from the housing. Remove the insulation body cover and open the oven door.

Using a thin flat headed screwdriver or similar lever off the 2 x starlock washers retaining the grill burner. The grill burner can then be lowered and removed from the appliance.



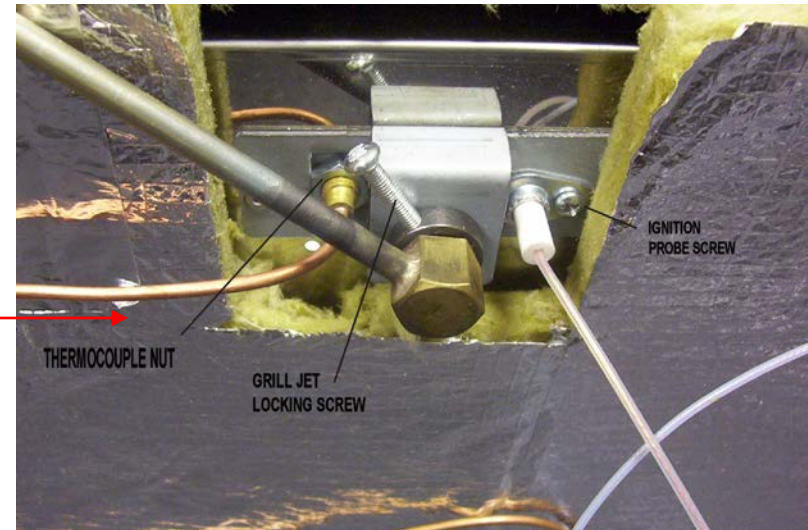


The Spark Ignition

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Remove the small screw from the bracket on the rear of the appliance that is holding the ignition probe in position.

Trace the electrode back to the 12v spark generator or piezo generator, which ever maybe fitted and pull the spade fitting off the terminal point.

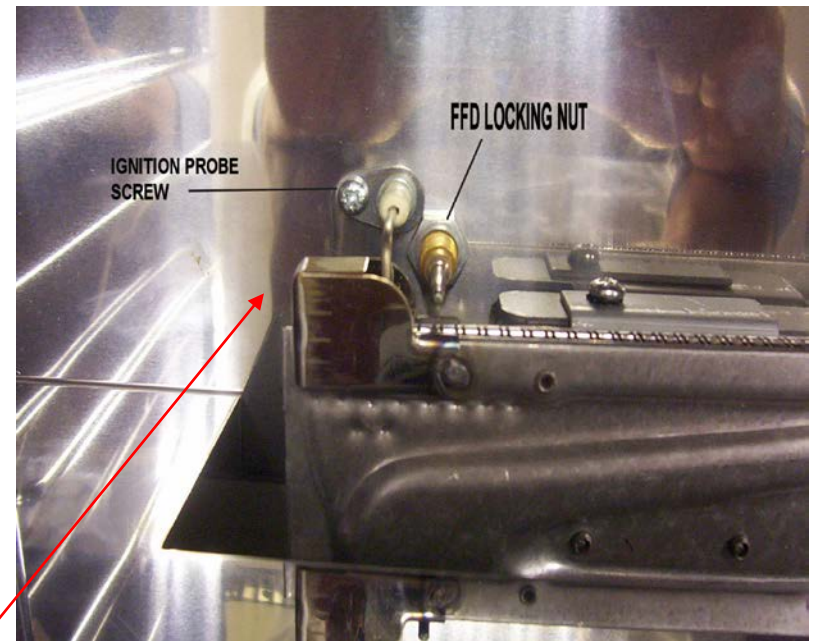




The Spark Ignition, continued

Oven Burner – Trace the electrode wire up the back of the appliance to the 12v spark generator or piezo generator, again, depending on which is fitted and pull the spade fitting off the terminal point.

Unscrew the fixing screw on the electrode inside the cavity box then carefully pull the electrode through from inside the cavity.

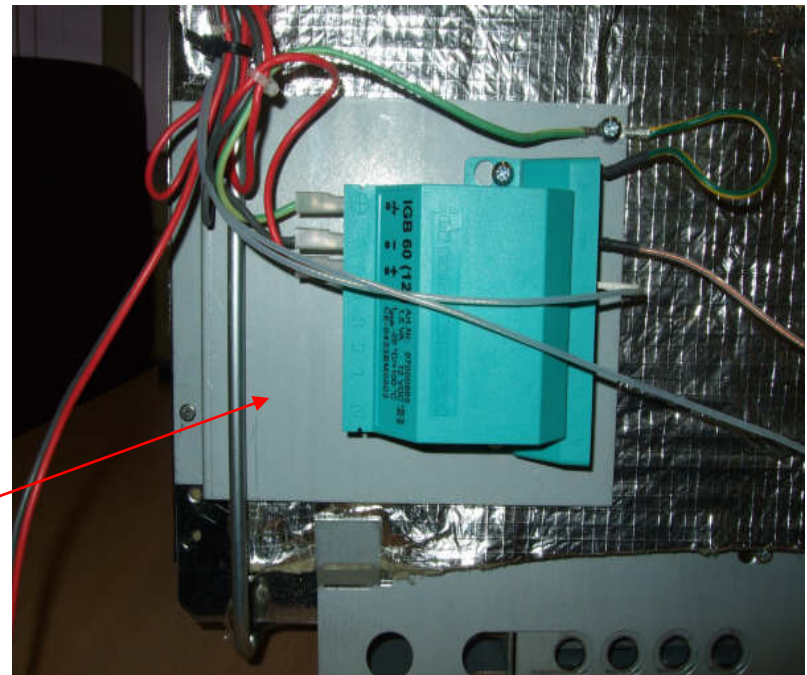




The Spark Ignition, continued

Piezo Spark Generator –
Remove both oven and grill
electrodes. Remove the
locking nut and carefully
remove the piezo from the
fascia panel.

12v Spark Generator – Pull off
all spade fittings from the
terminal points on the
generator. Remove the 2 x
fixing screws top and bottom to
remove the generator.



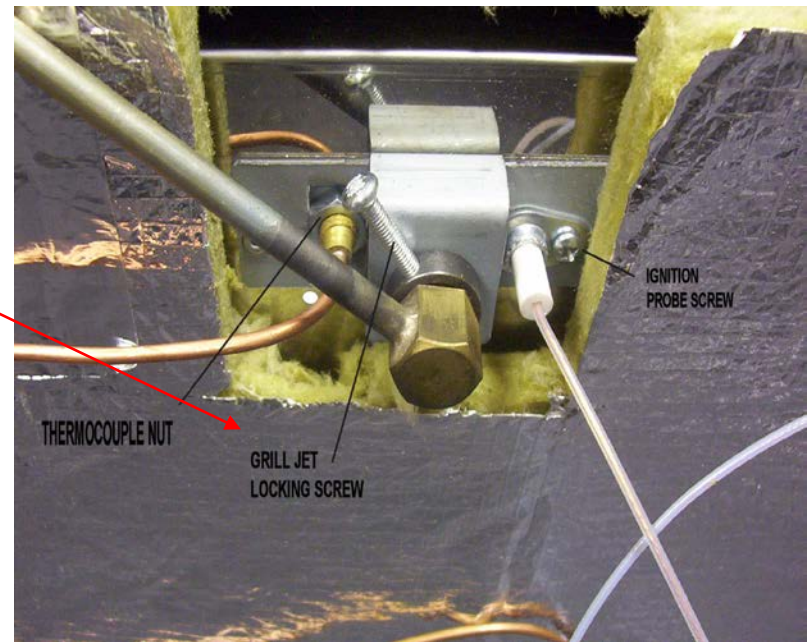


The Grill Burner Jet (size .62)

Disconnect from the gas supply and remove the appliance from the housing.

Remove the locking screw from the injector 'bush'.

Remove the grill pipe from the gas valve and unscrew the jet using an 8mm spanner.

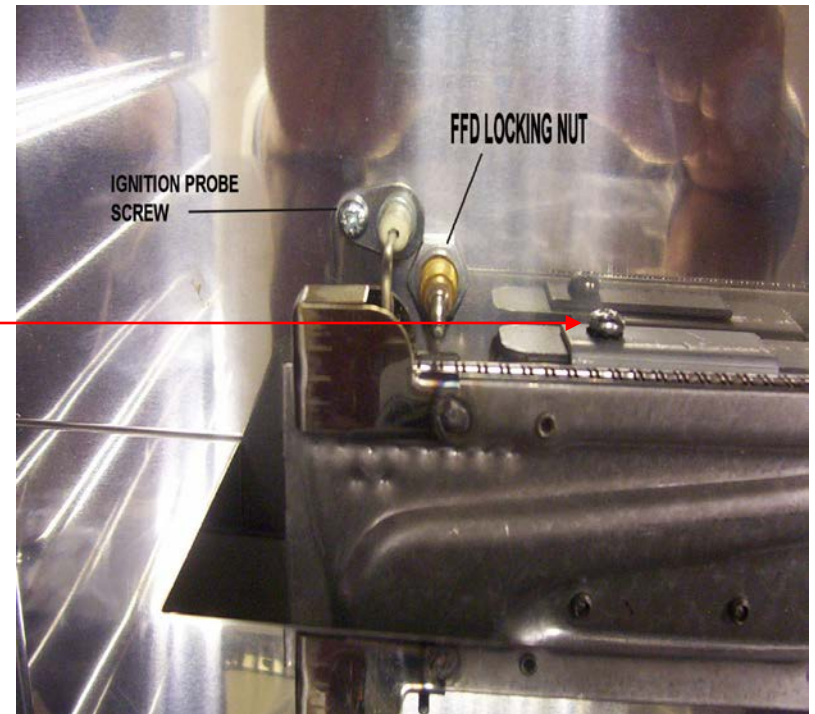




The Oven Burner Jet (size .59)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out.

The Jet is exposed to the right hand side of the burner housing bracket. Unscrew the jet using an 8mm spanner.

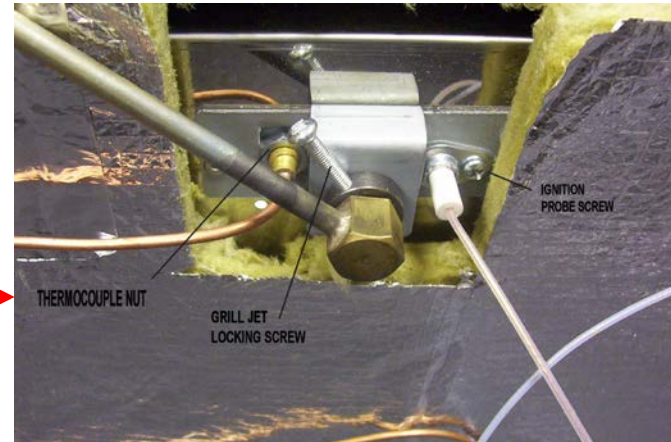




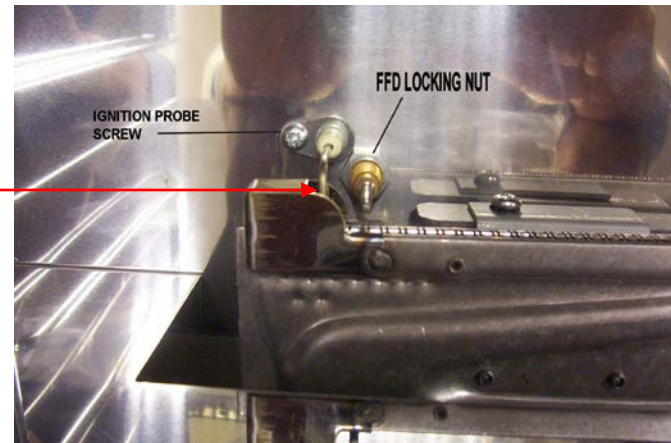
The Thermocouples

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Unscrew the thermocouple from the gas valve. Unscrew the nut at the grill burner.



Oven Burner – Unscrew the thermocouple from the gas valve. Inside the cavity box the thermocouple is found just above the oven burner on the rear wall. Unscrew the locking nut and gently pull the thermocouple through.





The Bottom Burner Cover

Disconnect from the gas supply and remove the appliance from the housing.

Lift up the rear insulation cover and loosen up the 2 x screws. Pull the bottom burner cover out of the keyhole slots.





Dealer Time Allowances

- 1. REPLACING THE APPLIANCE** – Remove and replace oven door, 4 x fixing screws and gas supply to disconnect and reconnect: 10 minutes for initial test. 10 minutes to remove and replace appliance. 10 minutes for final test = **30 MINUTES**
- 2. REPLACING THE FASCIA** – 8 x Screws in total, Remove control knob and ignition switch or piezo, Remove and replace fascia = **15 MINUTES**
- 3. REPLACING THE GAS VALVE** – 4 x fixing screws, disconnect and reconnect gas supply. Valve bracket to remove and refit. 2 x feed pipes to disconnect and reconnect. Fault Diagnosis: 15 minutes for initial test and fault diagnosis i.e. no gas. 30 minutes to remove appliance and valve and to replace. 15 minutes for final test = **60 MINUTES**



Dealer Time Allowances

4. **REPLACING THE 12V SPARK GENERATOR** – 4 x fixing screws, gas supply to disconnect and reconnect, appliance to remove and refit. Fault Diagnosis: 10 minutes for initial test. 15 minutes for fault diagnosis and to remove appliance. 15 minutes to remove and replace the generator and to refit appliance. 10 minutes for final test = **50 MINUTES**

5. **REPLACING THE PIEZO GENERATOR** – 4 x fixing screws, pull cooker forward. Fault Diagnosis. Pull off and refit both electrodes, remove locking nut on back of piezo, remove and replace piezo: 10 minutes for fault diagnosis and to pull cooker forward. 15 minutes to remove and replace piezo, refit appliance and test = **25 MINUTES**



Dealer Time Allowances

6. **REPLACING AN ELECTRODE** – Disconnect and remove appliance. Fault Diagnosis: 15 minutes for fault diagnosis i.e. no ignition to a burner and for initial test. 10 minutes to remove appliance and change electrode. 15 minutes to refit appliance and test = **40 MINUTES**

7. **REPLACING A THERMOCOUPLE** - Disconnect and remove appliance. Fault Diagnosis: 15 minutes for fault diagnosis i.e. burner will not stay alight and for the initial test. 15 minutes to remove appliance and to change thermocouple. 15 minutes to refit appliance and test = **45 MINUTES**

8. **REPLACING THE GRILL BURNER** – Disconnect and remove appliance, insulation cover to remove and replace, grill burner to remove and replace: 10 minutes for initial test. 45 minutes to remove cooker, insulation cover and to remove and replace grill burner. 15 minutes to refit appliance and test = **70 MINUTES**



Dealer Time Allowances

- 9. REPLACING THE GRILL BURNER JET** – Disconnect and remove cooker, disconnect inlet pipe, remove and replace burner jet: 10 minutes for the initial test. 10 minutes to disconnect and remove cooker and to disconnect inlet pipe. 10 minutes to remove and replace jet and to reconnect inlet pipe. 15 minutes to refit cooker and carry out final test = **45 MINUTES**
- 10. REPLACING THE OVEN BURNER** – 1 x screw, remove and replace oven burner = **15 MINUTES**
- 11. REPLACING THE OVEN BURNER JET** – 1 x screw, remove and replace burner and jet = **30 MINUTES**

Thank you

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Thetford Europe
Nijverheidsweg 29
PO Box 169
4870 AD Etten-Leur
The Netherlands
Phone: +31 (0)76 504 22 00
Fax: +31 (0)76 504 23 00
www.thetford.eu

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ENIGMA SERVICE PROCEDURE





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Slide 23. The Hob Thermocouple



Removing the Appliance

Disconnect the cooker from the gas supply. Remove the oven door if necessary. Remove the 2 x screws from each side of the cookers front trim and the 4 x screws holding the cooker top to the worktop.

Carefully slide the appliance forward by one third and check at the rear for any possible snagging of pipes or wires. Once checked, lift the appliance out of its housing and place on a suitable surface.



The Fascia

Pull off all control knobs and remove the screw from beneath the thermostatic valve on the right hand side using a PZ2 screwdriver.

Use a 16mm socket or similar to remove the two brass locking nuts. There will also be a red fibre washer to remove along with the locking nuts.

Gently lift off the fascia and disconnect the two ignition leads from the ignition rocker switch.





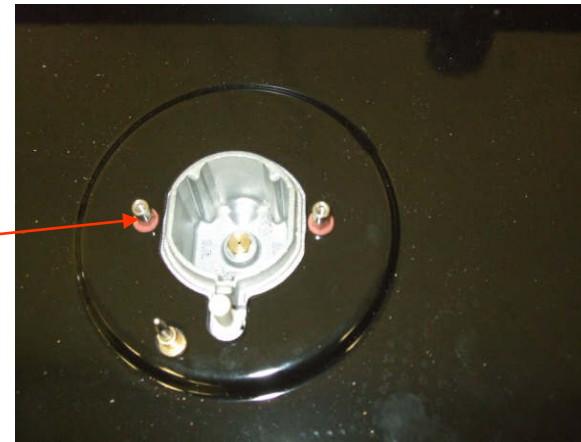
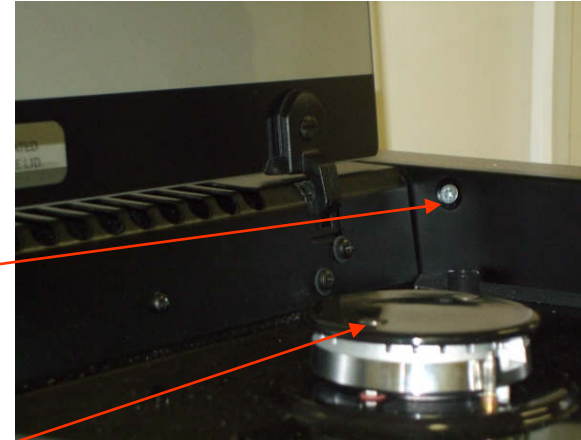
The Hob Pressing

Remove pan support

Remove 4 hob side trim screws
(PZ2 screwdriver)

Remove burner caps and
flamespreaders

Remove burner cup fixing
screws (PZ2 screwdriver)





The Hob Pressing, continued

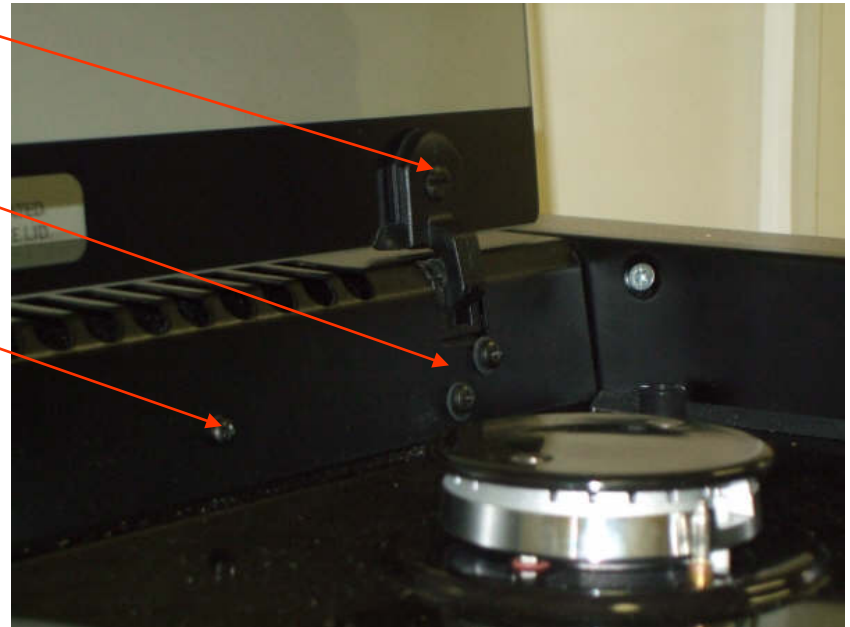
Loosen grub screws on hinges and lift out the glass lid.

Loosen off the 4 dome headed screws on the hinges.

Remove the 2 screws on rear hob trim that secure the pressing.

Remove the fascia and gently lift the hob pressing up.

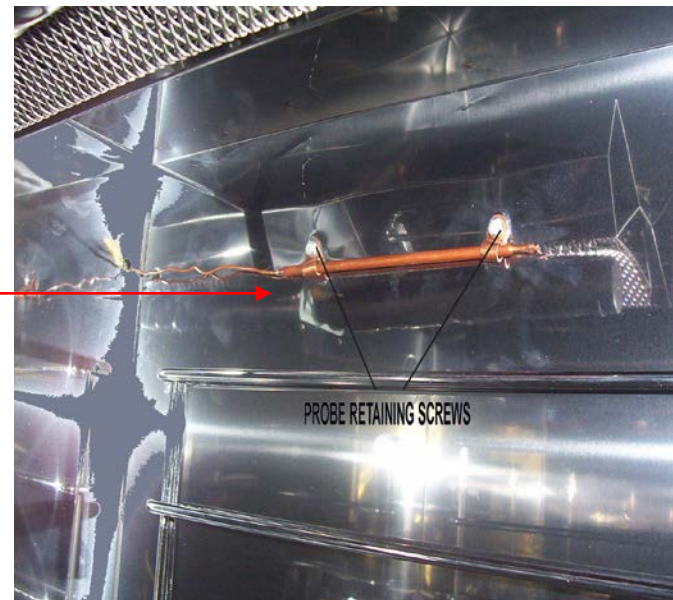
To remove completely, slide the pressing out from under the rear hob trim and away from the appliance.





The Thermostat

Disconnect the appliance from the gas supply and remove from the housing. Open the oven door and loosen the 2 x 'P' clips holding the thermostat probe in position and push the probe back through the hole in the rear of the cavity box.



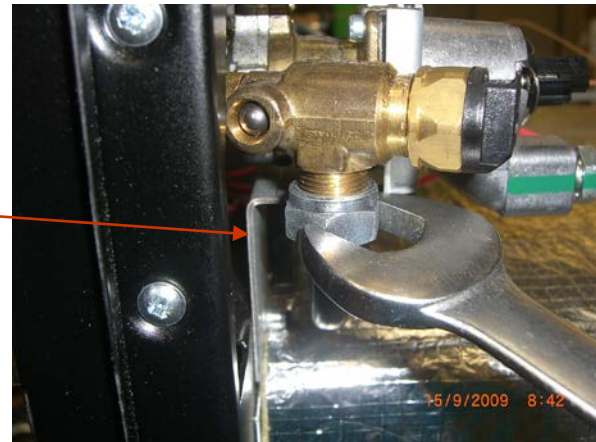
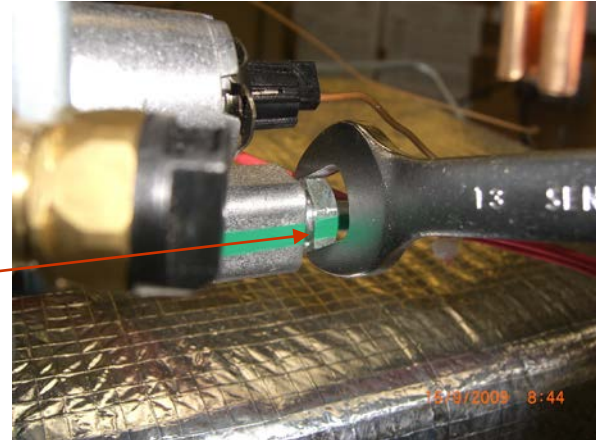


The Thermostat, continued

Pull off the thermocouple spade fitting from the back of the thermostat.

Using a 13mm spanner, disconnect the gas pipe from the Thermostat to the burner.

Use a 17mm spanner to disconnect the Thermostat on the manifold pipe.





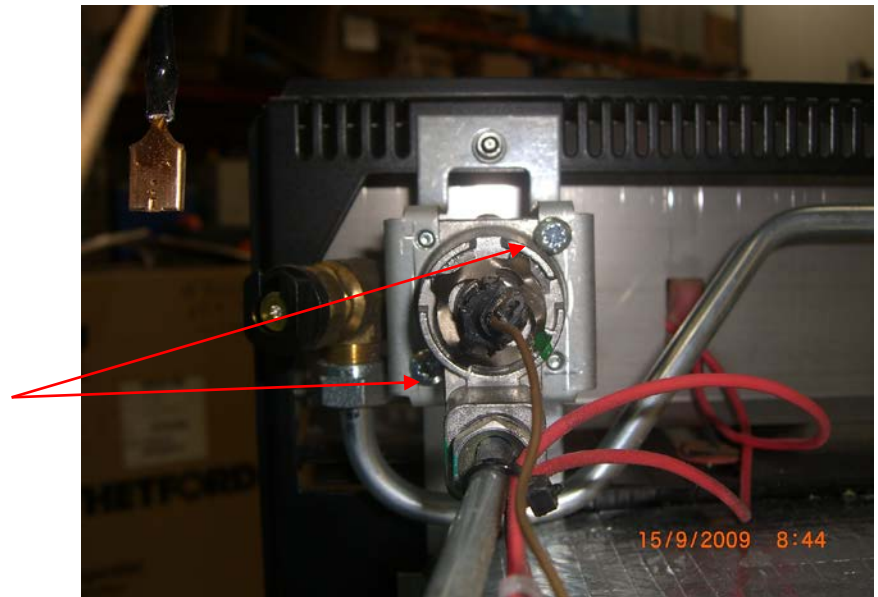
The Thermostat, continued

Remove the fascia panel to the front of the appliance.

Use a PZ2 screwdriver to remove the gas valve mounting bracket that is fastened to the fascia mounting plate.

Still with the PZ2, remove the two rear screws holding the bracket to the thermostat.

The valve can now be removed from the appliance.





The Hob Burner Gas Valve



The Hob burner gas valve, continued

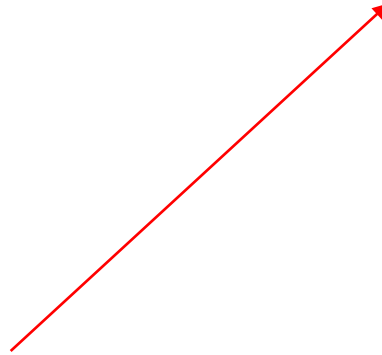


The 230v Spark Generator

The 230v Spark Generator is located at the rear of the appliance.

Disconnect the gas supply and remove the cooker from its housing.

Pull off all spade fittings from the terminal points on the generator. Remove the 2 x fixing screws top and bottom to remove the generator.



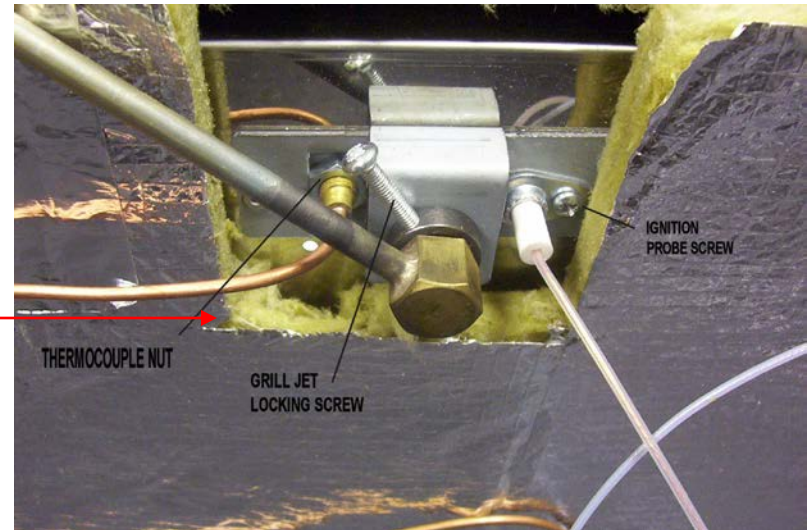


The Spark Ignition

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Remove the small screw from the bracket on the rear of the appliance that is holding the ignition probe in position.

Trace the electrode back to the 230v spark generator and pull the spade fitting off the terminal point.

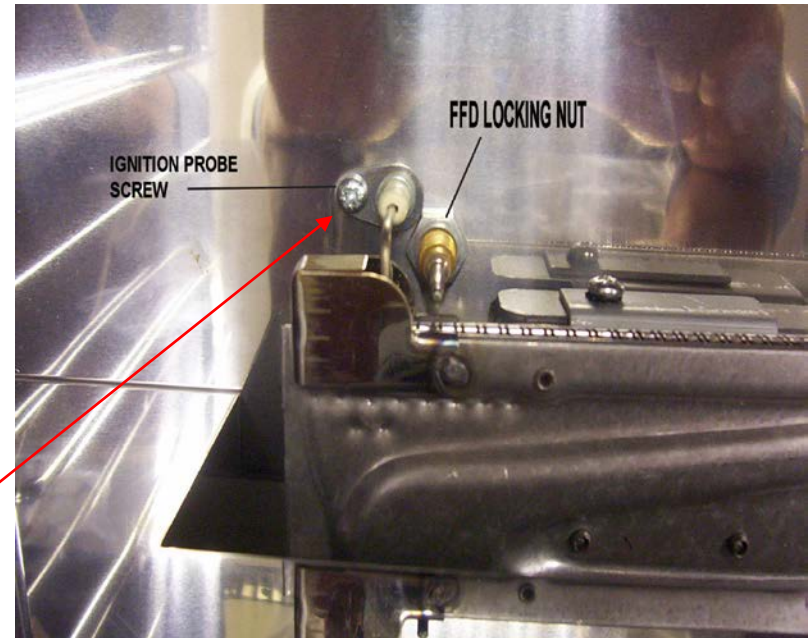




The Spark Ignition, continued

Oven Burner – Trace the electrode wire up the back of the appliance to the 230v spark generator and pull the spade fitting off the terminal point.

Unscrew the fixing screw on the electrode inside the cavity box then carefully pull the electrode through from inside the cavity.

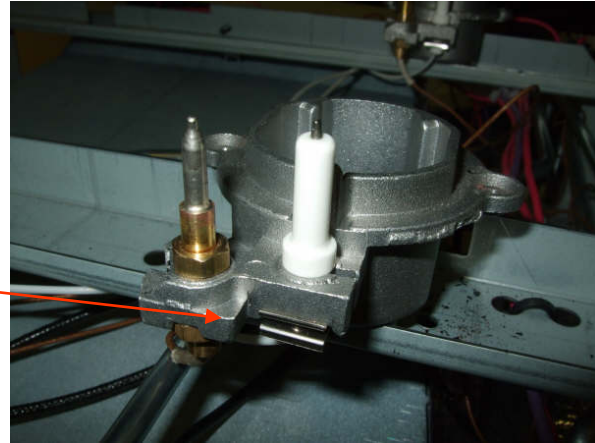




The Spark Ignition, continued

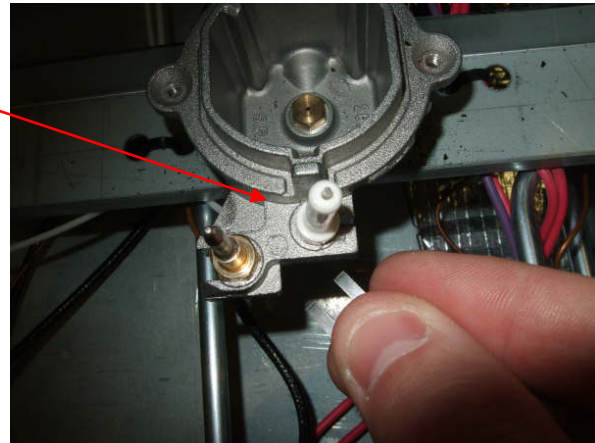
Remove the hob pressing.

The Electrodes for the hob burners are retained on the burner cup by a silver 'crocodile' clip. Squeeze and pull the clip off. Use either your fingers or a pair of long-nosed pliers.



Then lift the probe out of the burner cup.

Trace the relevant electrode back to the 230v spark generator and pull the spade fitting off its terminal point.





The Grill Burner



The Grill Burner, continued

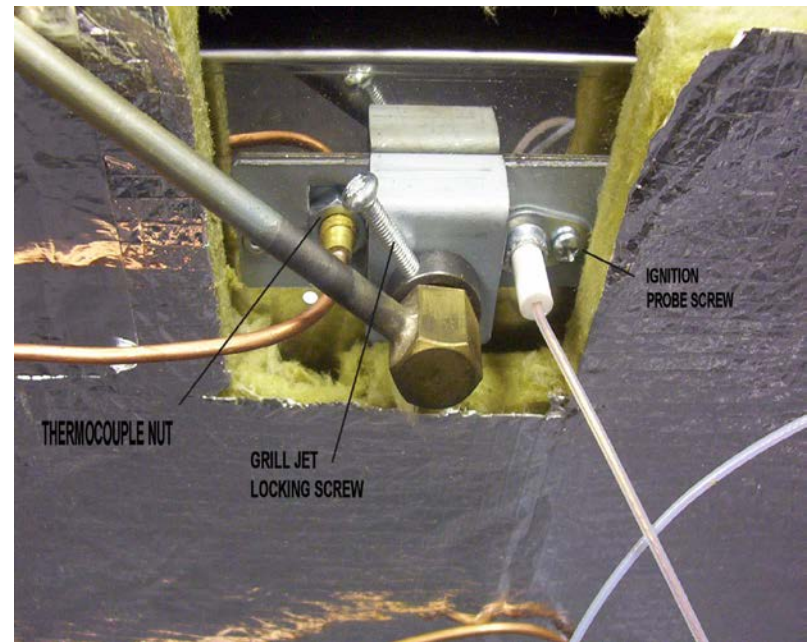


The Grill Burner Jet (size .62)

Disconnect from the gas supply and remove the appliance from the housing.

Remove the locking screw from the injector 'bush'.

Remove the grill pipe from the gas valve and unscrew the jet using an 7mm spanner.

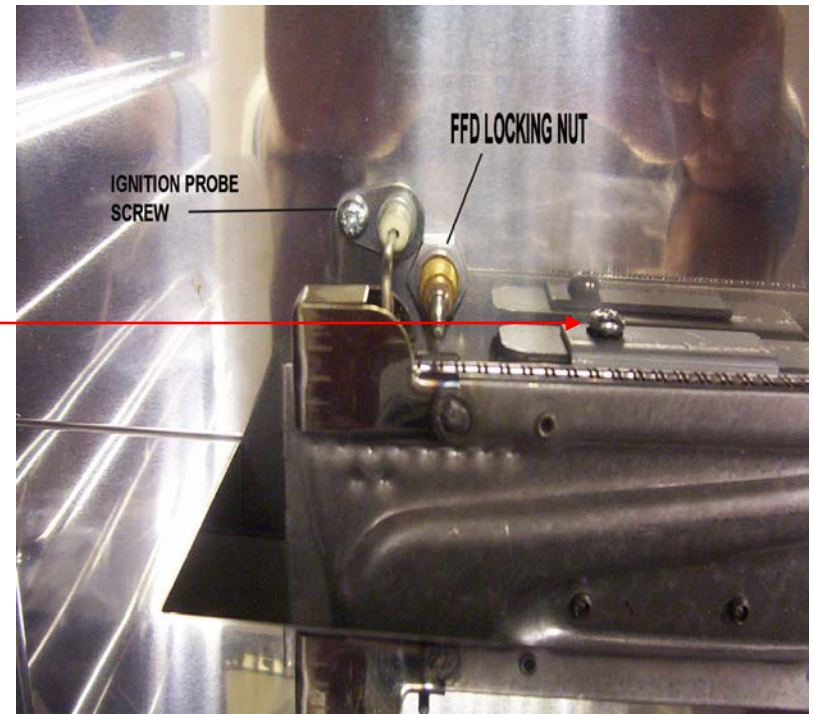




The Oven Burner Jet (size .65)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out.

The Jet is exposed to the right hand side of the burner housing bracket. Unscrew the jet using an 8mm spanner.



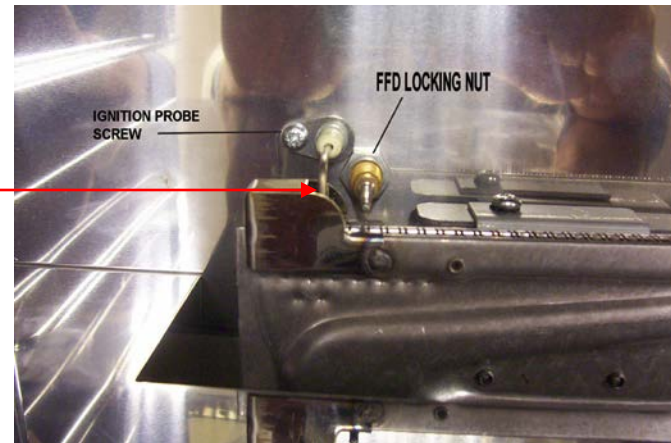
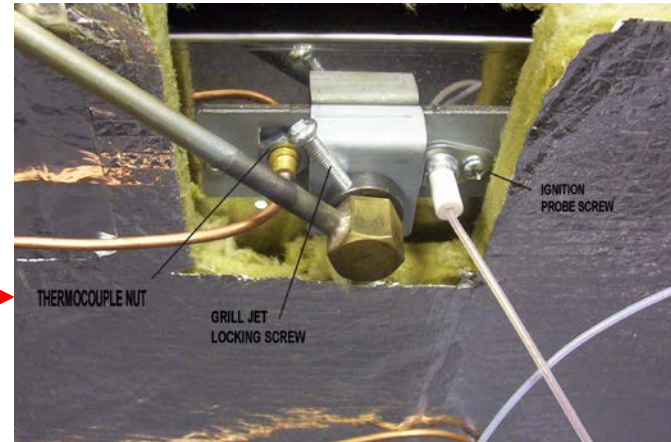


The Grill and Oven Thermocouples

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Unscrew the thermocouple from the gas valve. Unscrew the nuts on the probe at the grill burner and gently pull through.

Oven Burner – Unscrew the thermocouple from the gas valve. Inside the cavity box the thermocouple is found just above the oven burner on the rear wall. Unscrew the locking nuts and gently pull the thermocouple through.

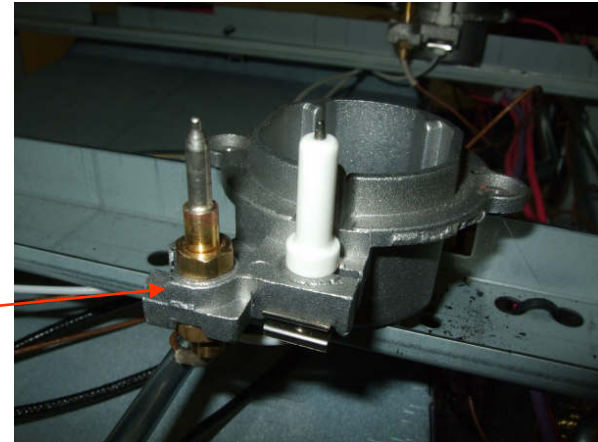




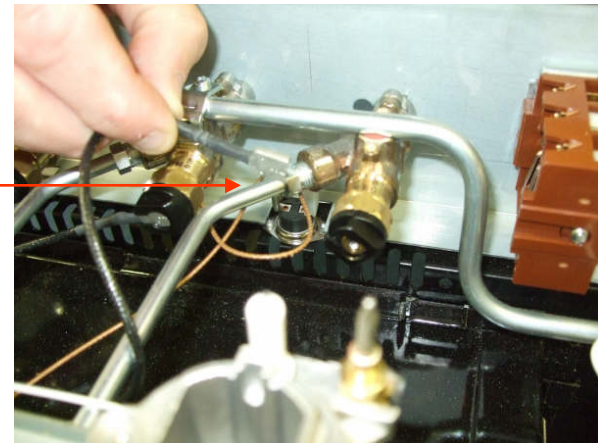
The Hob Thermocouple

Remove the hob pressing.

Use an 8mm spanner to remove the locking nut holding the thermocouple probe to the burner cup.



Trace the relevant thermocouple back to the gas valve pull off the spade fitting and replace.



Thank you

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Thetford Ltd
19 Oakham Drive
Parkwood Industrial Estate
SHEFFIELD
S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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LINEAR HOB SERVICE PROCEDURE





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Slide 13: Dealer Time Allowances.

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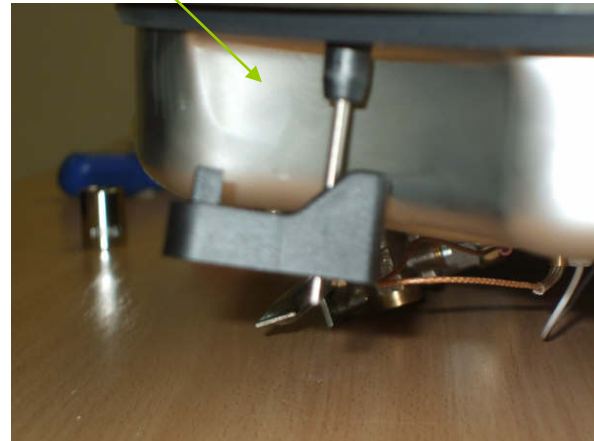


Removing the appliance

Pull off all four bump stops/screw covers and unscrew the clamp clamp feet.



Gently lift up the hob pressing and disconnect the gas pipe from the supply. The hob is then free to be removed.

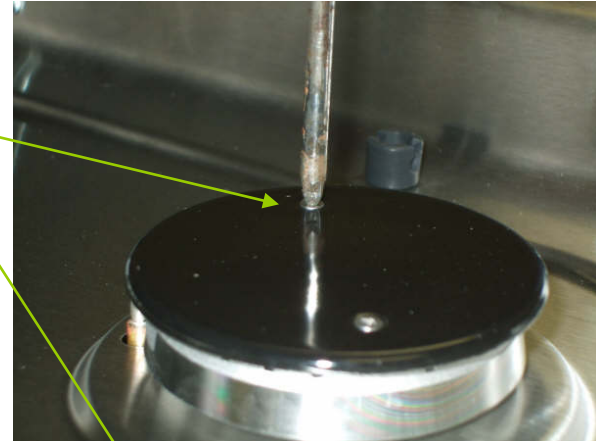




Removing an Electrode

Following tests to establish that the electrode is faulty remove the relevant burner cap and skirt using a PZ1 screwdriver and 5mm socket.

Disconnect to remove the appliance. It is advisable to remove the glass lid. Loosen up the two hinge grub screws and lift the glass lid off.





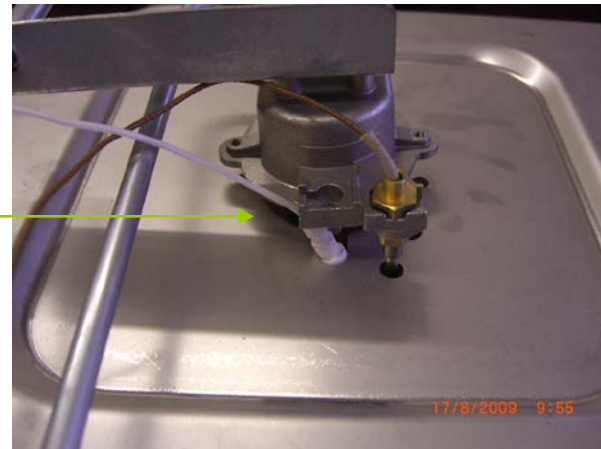
Removing an Electrode cont...

Lift the hob up at the front and trace the faulty electrode back to the 12v spark generator on the back/side of the cooker below. Pull the spade fitting off its terminal point on the generator.

Turn the hob upside down and, ensuring you have the correct electrode, remove the electrode fixing clip using fingers or a pair of long-nosed pliers.

Cut through the cable tie holding all the electrodes together. Lift out the probe from the burner cup.

Reverse this process when fitting a new electrode.





The 12v Spark Generator

The 12v spark generator can be located on the Midi Prima Mk3 cooker generally installed below this hob.

The procedure for the removal of this generator can be found in the Service Procedure for the Midi Prima Mk3

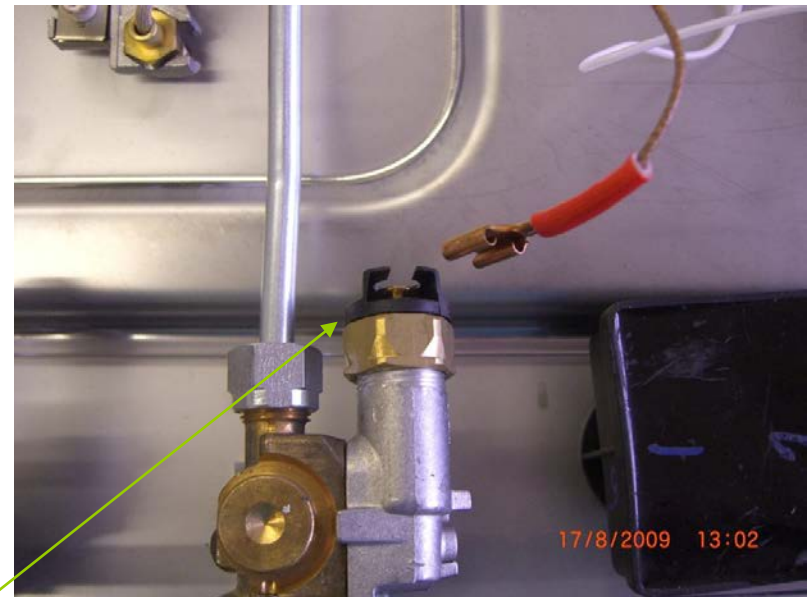


Removing a Thermocouple

Following tests to establish that the thermocouple is faulty remove the relevant burner cap and skirt using a PZ1 screwdriver and 5mm socket (see slide 5).

Unscrew all four clamp feet. There should be enough flexibility on the gas supply pipe to allow you to not have to disconnect the supply.

Lift up the appliance at the front and trace the relevant thermocouple back to the gas valve and pull off.

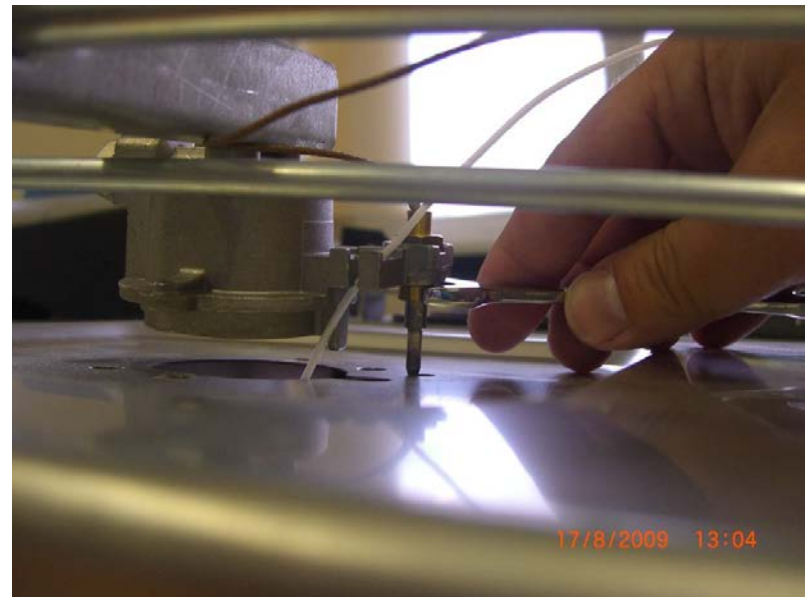




Removing a Thermocouple cont...

Using an 8mm spanner, remove the brass locknut from the thermocouple probe end and remove the thermocouple from its burner cup location.

Reverse the process to replace the thermocouple.



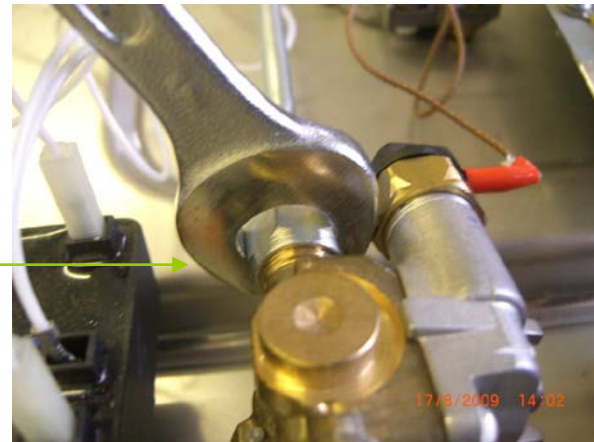
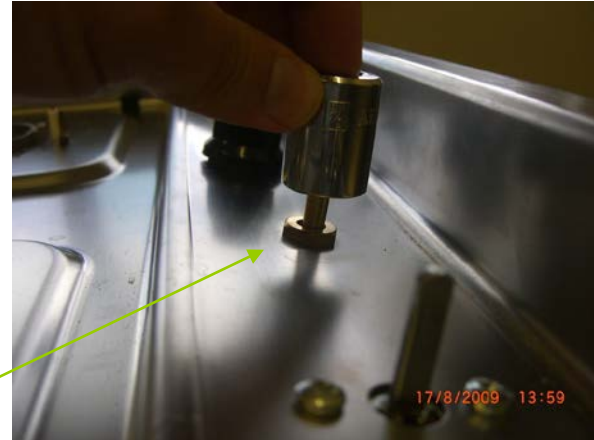


Removing the Gas Valve

Disconnect and remove the appliance from its housing (Slide 1).

Use a 17mm socket or similar to remove the locking nut on the relevant gas valve spindle.

Next, using a 14mm spanner, remove the gas feed pipe from the gas valve to the burner.



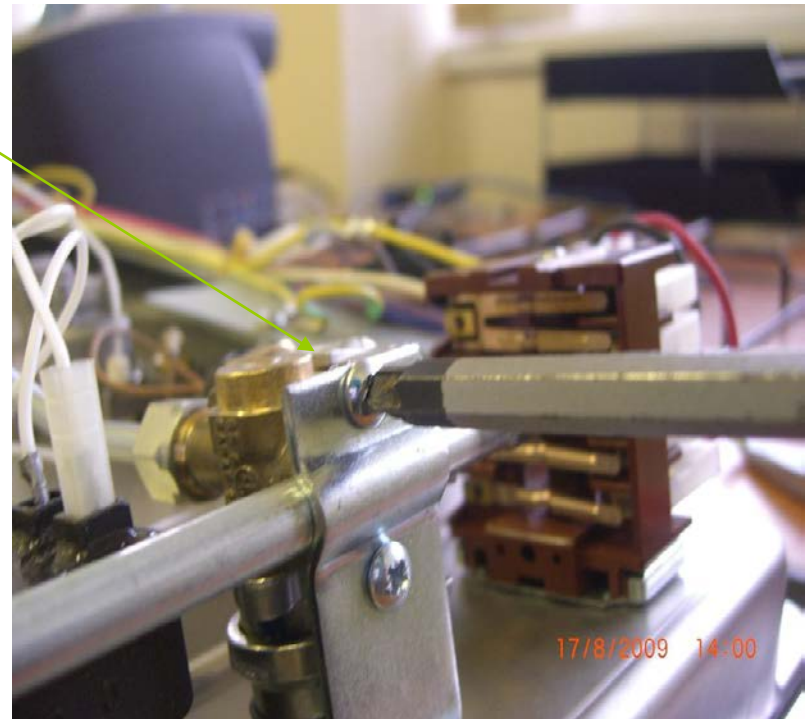


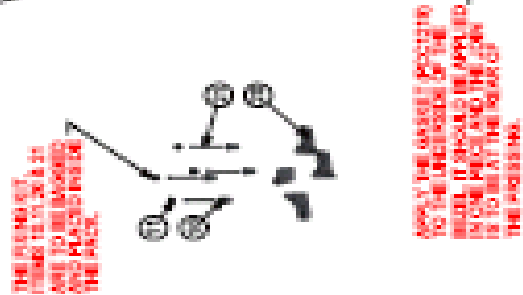
Removing the Gas Valve cont...

A PZ2 screwdriver is required to remove the bridge/clamp bracket holding the gas valve to the manifold pipe.

Pull the spade fitting thermocouple off the gas valve and remove the valve from the appliance.

When replacing the gas valve it is advisable to refit the gas feed pipe to ensure a good seal before refitting the clamp bracket to the valve.







Dealer Time Allowances

- 1. Replacing the appliance – 30 minutes**
- 2. Replacing the hob pressing – 1 hour**
- 3. Replacing a gas valve – 1 hour**
- 4. Replacing the 12v spark generator – see Midi Prima Mk3 allowances**
- 5. Replacing a spark electrode – 30 minutes**
- 6. Replacing a thermocouple – 30 minutes**
- 7. Replacing the glass lid hinges – 15 minutes**
- 8. Replacing the glass lid – Labour not covered.**
- 9. Replacing the fascia – Labour not covered.**
- 10. Replacing a control knob – Labour not covered.**
- 11. Replacing the pan support/clip(s) – Labour not covered.**

Thank you

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attention



Thetford Ltd
19 Oakham Drive
Parkwood Ind. Estate
Sheffield, S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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TOP LINE SERIES 920 SERVICE PROCEDURE





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Slide 22. The 12v Ignition Micro Switch

Slide 23. The Mini Gas Regulator

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Slide 25. Contact Details



Removing the Appliance

Depending on the installation it may be necessary to remove whatever appliance or drawer is directly beneath the HB92090Y cooktop in order for access to be gained to the fixing stud and wingnut collar (kit code, SSPA0021).

Unscrew and remove all four wingnut collars.





Removing the Appliance...continued

There should be enough flexibility in the gas connection pipe to enable you to lift the appliance up at the front and disconnect the pipe from the mini gas regulator (No. 17 on the exploded drawing).

Disconnect both the 12v positive and negative wires and remove the appliance from the worktop and place on a suitable surface.

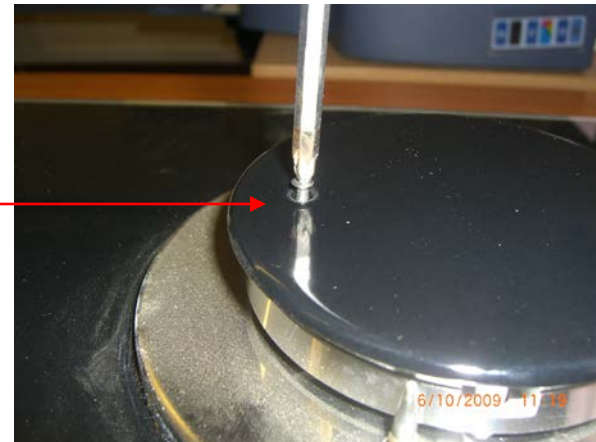


Semi Rapid Burner (Kit Part Code: SSPA0113) & Rapid Burner (Kit Part Code: SSPA0123) Assembly

A) Removing the Burner Cap & Flamespreader

Remove the relevant 'clip-on' pan support.

Using a PZ1 size screwdriver, uncsrew the two burner cap fixing screws (No. 9 on exploded drawing). Lift off the burner cap and flamespreader.





Semi Rapid Burner & Rapid Burner Assembly...continued

NB. When refitting the flamespreader and burner cap be sure not to fit the tilted as shown in the photograph as this may create an uneven flame causing it to 'pop' or even go out. Gently nip one cap fixing screw until you feel it bite before tightening up the second screw. This will ensure a level fitting.





Semi Rapid Burner & Rapid Burner Assembly...continued

B)Removing The Burner Cup Injector

Disconnect and remove the Series 920 cooktop. Remove both pan supports and the relevant burner cap and flamespreader.

Remove the two burner cup fixing studs by using a 5mm socket then turn the unit upside down.

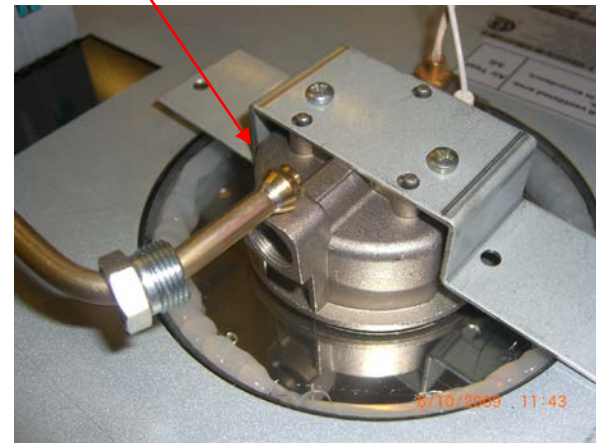
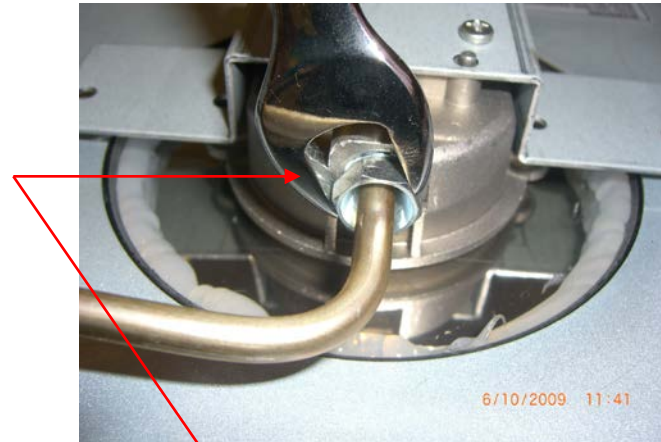




Semi Rapid Burner & Rapid Burner Assembly...continued

Use a 13mm spanner to disconnect the relevant gas feed pipe, turning counter clockwise.

Use a PZ2 size screwdriver to remove the burner cup injector clamp bracket. The burner cup injector will then be loose from appliance barring the thermocouple and ignition electrode (see the relevant sections on how to remove these two components)





Semi Rapid Burner & Rapid Burner Assembly...continued

NB. When refitting or replacing the burner cup injector ensure that the gas connection is good and tight by carrying out a soundness test, Also use leak detection spray or fluid, wiping dry after use. If there is a leak then the connection may need tightening up more or the nut may be threaded.

NB. When refitting the burner cup injector fixing studs take care in not to overtighten them as the thread may snap forcing you to replace the whole cup.



The 300mm Electrode (Kit Part Code: SSPA0310)

Loosen up or remove the wingnut collars. Again, there should be enough flexibility on the gas connection pipe to allow you access beneath the cooktop enabling you to work on the relevant electrode.

Remove the burner cap, flamespreader and unscrew both fixing studs on the relevant burner.

The burner cup injector itself needs to be loose enough for the electrode probe to be removed. Use a pair of long nosed pliers or similar to remove the fixing clip



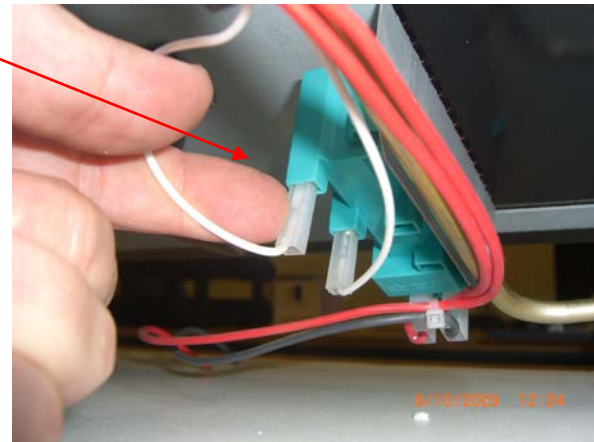
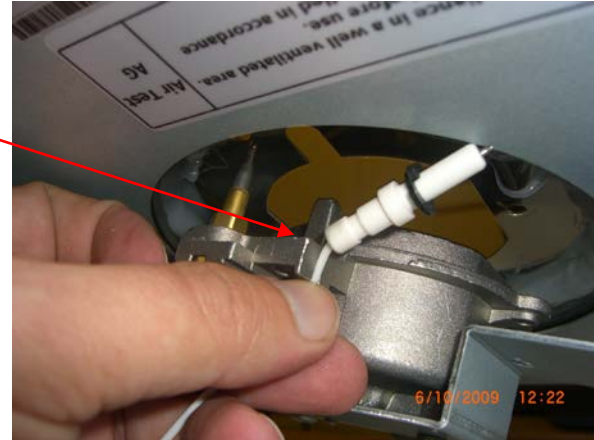


The 300mm Electrode...continued

Push the probe up and out of its housing within the burner cup injector.

Trace the electrode back to the 12v spark generator (No. 26 on the exploded drawing) and pull off the spade fitting from the terminal point.

It may be necessary to cut through the single black cable tie in order for the electrode to be completely removed from the appliance.

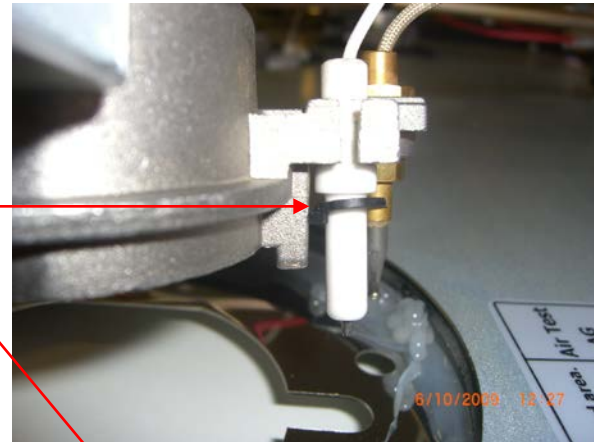




The 300mm Electrode...continued

NB. When replacing or refitting the electrode (SPCC1453) make sure that the gasket (SPCC1499) is fitted the flat 'spacer' butting up to the burner cup injector. This will ensure a good spark when igniting the gas.

The clip (SPCC1498) holds the probe securely in its housing on the burner cup injector. Without it you may not get the electrode sparking in the correct position. This increases the chance of a build up of gas when trying to ignite the burner.



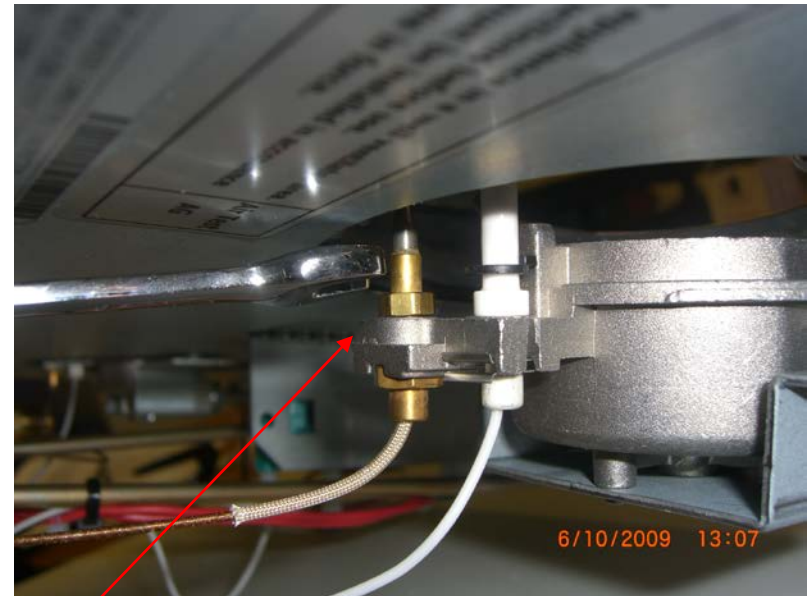


The 250mm Thermocouple (Kit Part Code: SSPA0150)

Loosen up or remove the wingnut collars to enable to access beneath the 920 series cooktop. There should be enough flexibility on the gas connection pipe to allow you to work without having to disconnect the appliance.

Remove the pan support, burner cap, flamespreader and both fixing studs as the burner cup needs to be loose enough to allow you get to the brass locknut holding the thermocouple in place.

Use an 8mm spanner to unscrew this brass locknut.



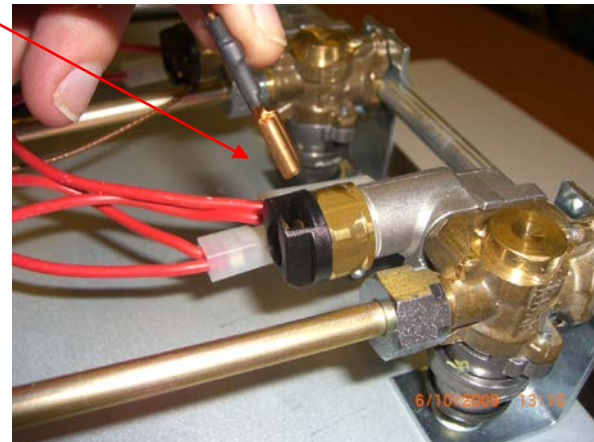


The 250mm Thermocouple...continued

Pull the probe down and away from its housing on the burner cup injector.

Trace the thermocouple back to the gas valve and remove by pulling off the spade fitting.

NB. Ensuring the correct fitting of the locknut (No. 33 on the explode drawing) will not only hold the thermocouple probe securely but will also ensure the correct position of the probe in relation to the burner, therefore holding the flame during use.





The 12v Spark Generator (Part Code: SPCC1392)

Loosen up or remove the wingnut collars to enable to access beneath the 920 series cooktop. There should be enough flexibility on the gas connection pipe to allow you to work without having to disconnect the appliance.

To remove the 12v Spark Generator simply pull off all four spade fittings with a pair of long-nosed pliers. (there are 2 x electrodes, 1 x positive and 1 x negative).



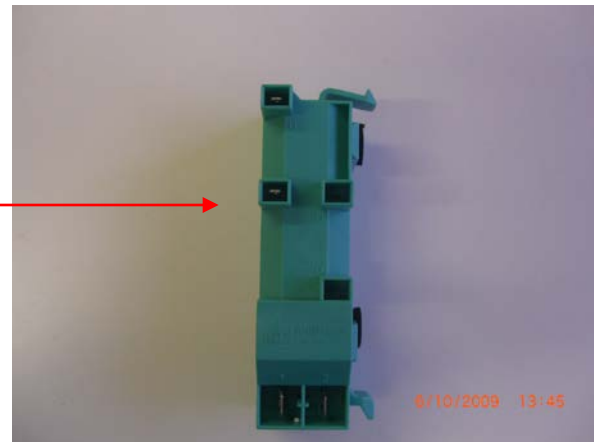
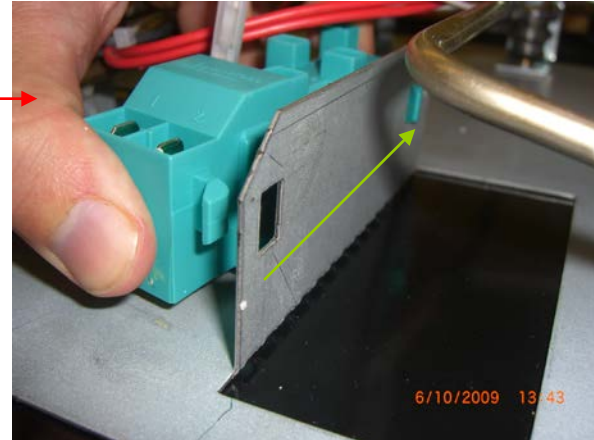


The 12v Spark Generator...continued

Pull the generator forward and away from the metal mounting bracket to release the back fixing clip.

With a slight push back the front clip will come free removing the 12v Spark Generator.

NB. The terminals; a and b, have been removed to eliminate the chance of 'arcing' and to ensure a good 12v supply for the remaining terminals. Make sure when replacing the generator that the positive (red) goes on terminal 1 and the negative (black) on terminal 2. Ensure all wires are firmly fitted on their terminals before refitting the generator back on the bracket.

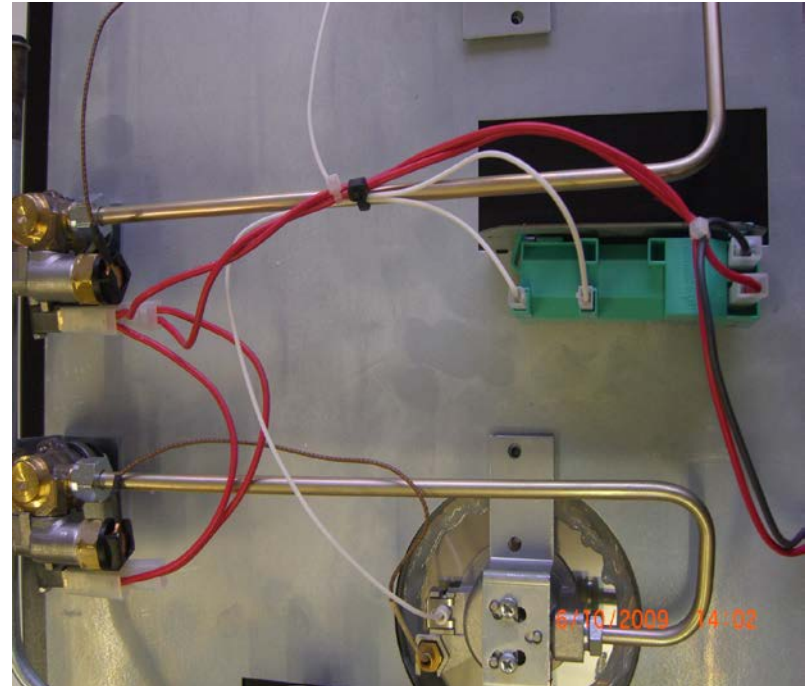




The Wiring Loom (Kit Part Code: SSPA0331)

The wiring loom consists of 2 x positive leads for 2 x ignition micro switches mounted on the gas valves (1 x to the 12v spark generator and 1 x to the 12v supply on the RV) and 1 x negative lead. These are kept together by 2 x clear cable ties and 1 x loose black cable tie. The 2 x electrodes are not part of the wiring loom hence the loose black cable tie to keep all the wires neatly together.

All wires are spade fittings so simply pull off from the terminals, cut the black cable tie and remove once access has been gained beneath the 920 Series cooktop.



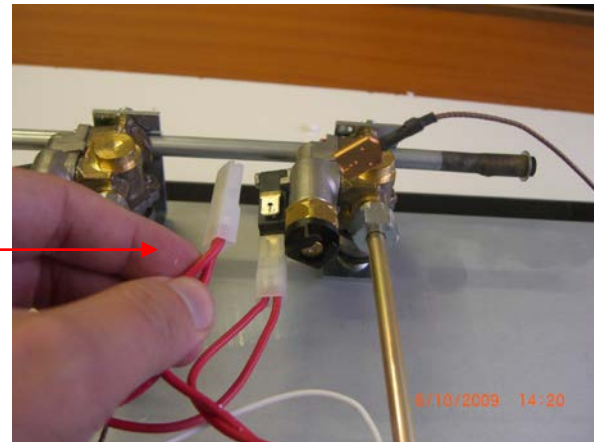


The Gas Valves (Kit Part Code: SSPA0410)

Disconnect and remove the appliance. Remove both pan supports and control knob off the relevant gas valve spindle.

Use a 17mm socket to remove the locknut sitting over the spindle.

Turn the appliance upside down and pull off the thermocouple from the relevant gas valve along with both ignition wires.



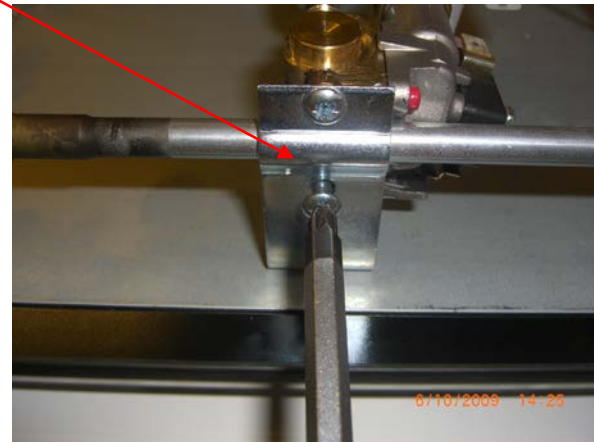


The Gas Valves...continued

Using a 14mm spanner disconnect the gas feed pipe from the gas valve. Pull the pipe out of the gas valve.

Use a PZ2 size screwdriver to remove both dome-headed screws on the saddle bracket holding the gas valve to the manifold pipe.

The gas valve is now free to be removed from the cooktop.





The Gas Valves...continued

NB. When replacing or refitting the gas valve start by fitting the saddle bracket over the spindle but do not secure it just yet. Refit the gas feed pipe first. Turn the appliance back to its correct position and refit the locknut then you can secure the gas valve to the manifold pipe with the saddle bracket. Always carry out a soundness test where the gas supply has been disconnected.



The 12v Ignition Micro Switch

Disconnect and remove the appliance.

Follow the procedures to remove the relevant gas valve.

Use a PZ1 screwdriver to remove the single screw holding the ignition micro switch to the gas valve.





The Mini Gas Regulator (Kit Part Code: SSPA0050)

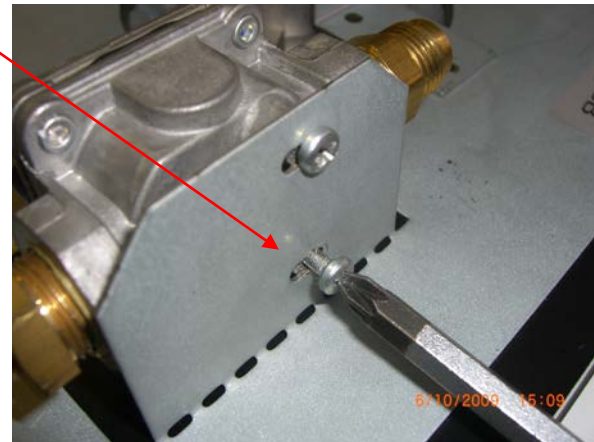
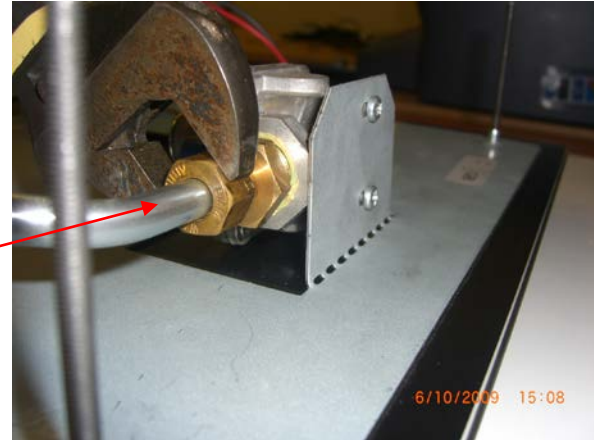
**Disconnect and remove appliance.
Remove both pan supports before turning
the appliance upside down.**

**Using a 15mm spanner disconnect the
mini gas regulator from the manifold pipe.**

**Use a PZ2 size screwdriver to remove the
2 x screws holding the regulator to the
metal mounting bracket.**

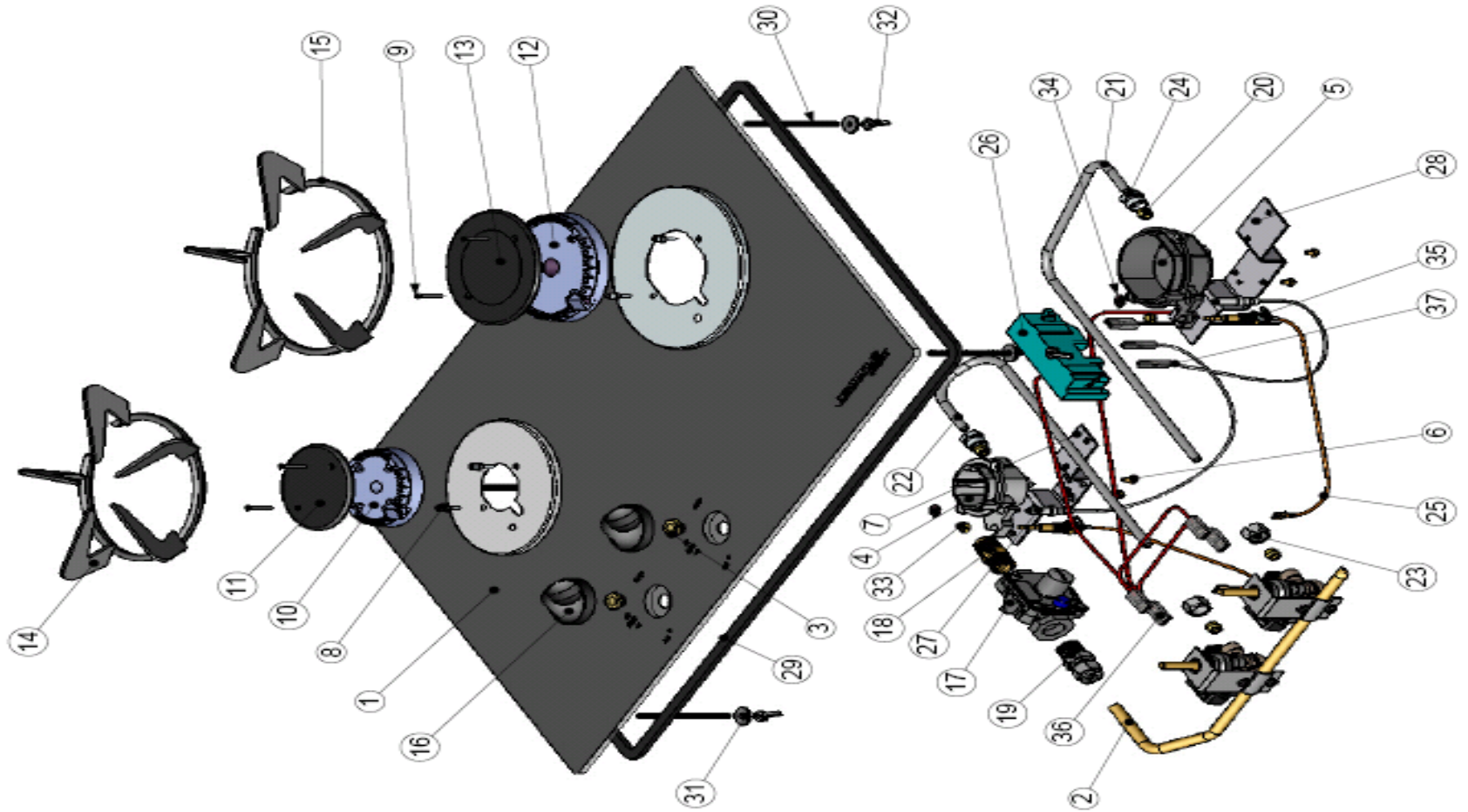
**The regulator can now be removed and
replaced.**

NB. Again, as with any other gas
appliance, a complete soundness test
must be completed upon re-installation.





Exploded Drawing



Thank you

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Thetford Ltd
19 Oakham Drive
Parkwood Industrial Estate
SHEFFIELD, S3 9QX
United Kingdom
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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TOP LINE SERIES 160 SERVICE PROCEDURE





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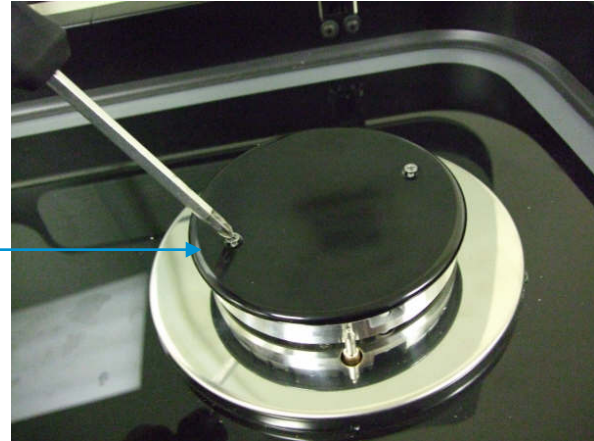
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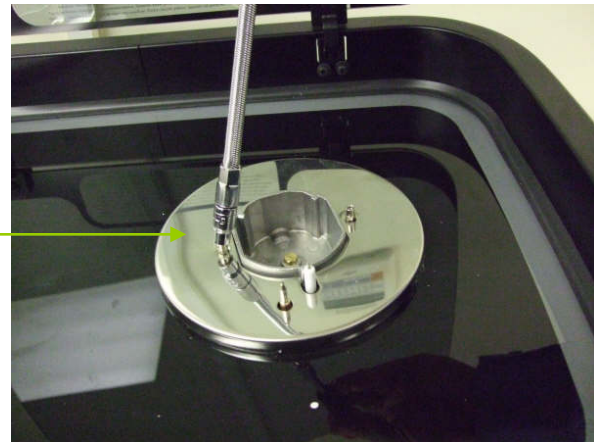


The Glass Hob

Lift off the push-fit pan supports and unscrew the burner cap fixing screws.



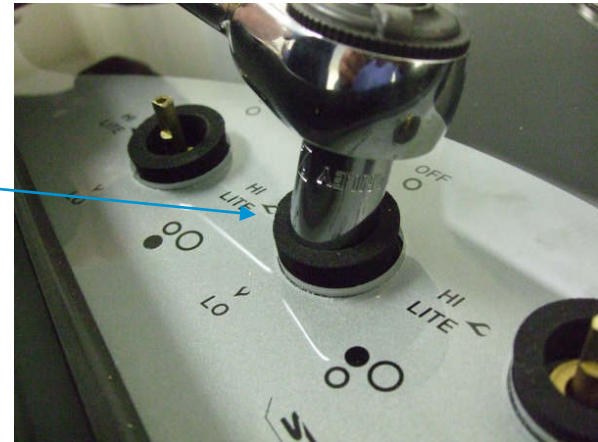
Remove the burner cup fixing studs.





The Glass Hob, continued

Pull off all control knobs and remove the locking nuts that sit over the gas valve spindles.



Slacken off the four hob fixing clamps holding the appliance in the housing.

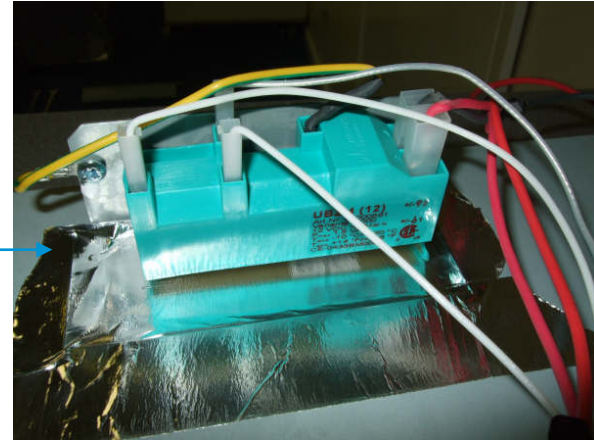


Supporting the pipework beneath, turn the unit upside down.

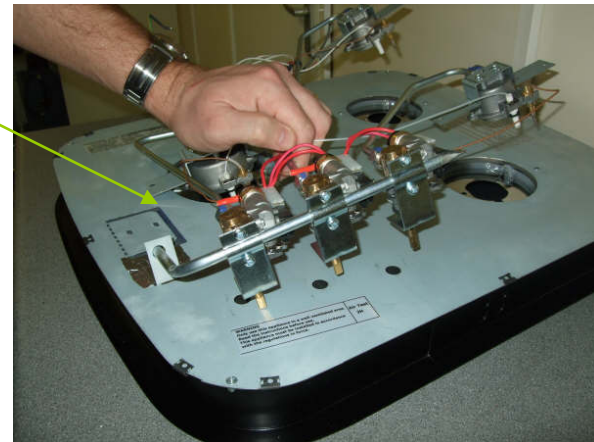


The Glass Hob, continued

To remove the pipework assembly unclip the 12v spark generator by pushing in the clips sat in the bracket. You will need to pull off the Earth strap from the terminal point on the generator or unscrew it from the mounting bracket.



Lift the assembly away from the Hob.

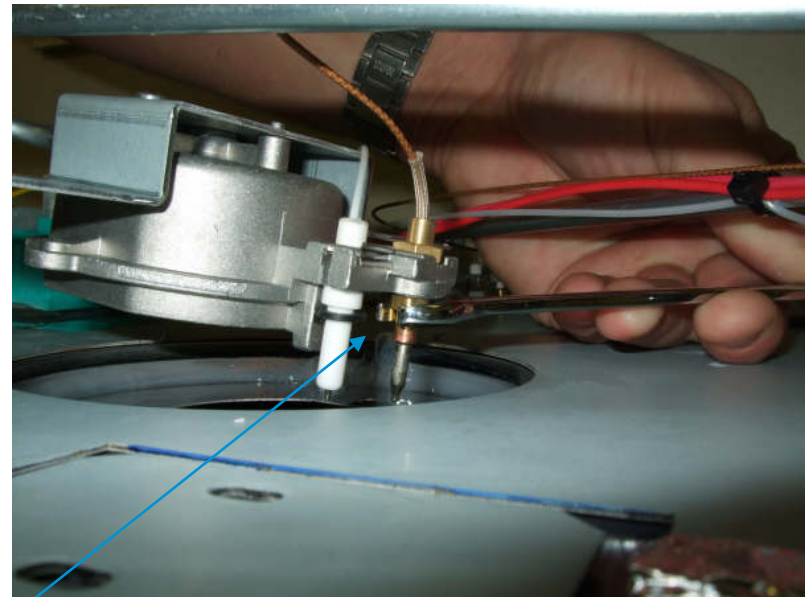




The Thermocouples

Remove the burner cap screws and burner cup fixing studs. Slacken off the four fixing clamps and disconnect the gas supply.

Turn the appliance upside down and gently lift up the burner cup. The feed pipe will still be attached but there will be enough flexibility to allow safe operation. Unscrew the small locking nut holding the probe in position and pull off the spade on the gas valve

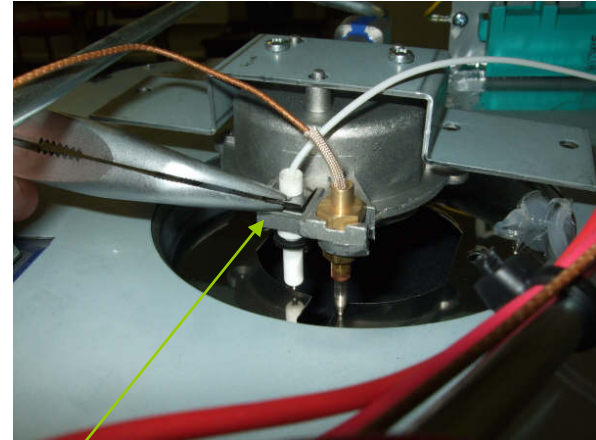




The Electrodes

Remove the burner cap screws and burner cup fixing studs. Slacken off the four fixing clamps and disconnect the gas supply.

Turn the appliance upside down and gently lift up the burner cup. The feed pipe will still be attached but there will be enough flexibility to allow safe operation. Remove the 'crocodile' clip holding the probe to the burner cup. Trace back and pull the spade off the terminal point on the generator.



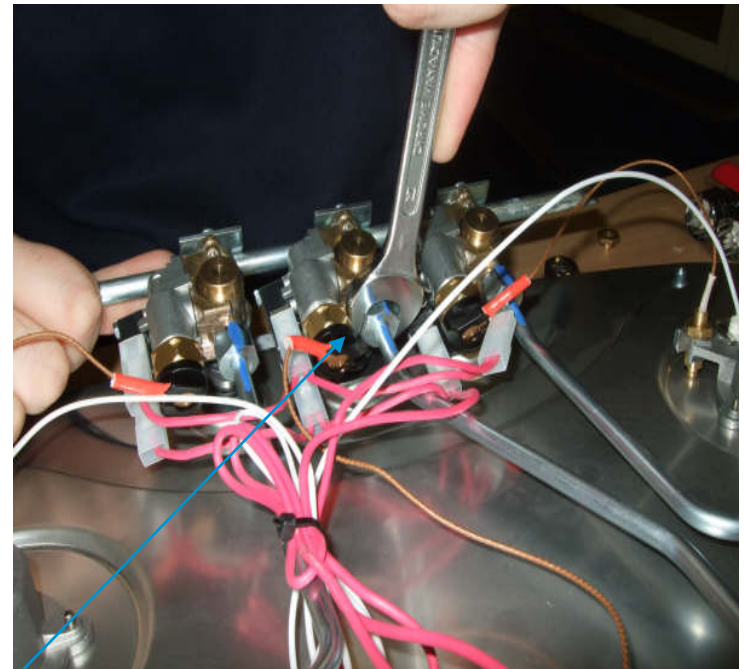


The Gas Valves

Slacken off the four fixing clamps and disconnect the gas supply.

Remove the control knob and locking nut on the gas valve.

Depending on the gas valve you are working on it may be necessary for you to disconnect the obstructing ignition switch from the opposing gas valve. Use a 14mm spanner to unscrew the nut holding the feed pipe from the valve to the burner.



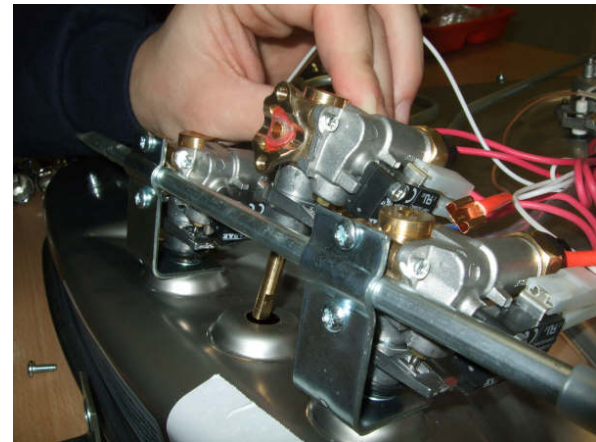
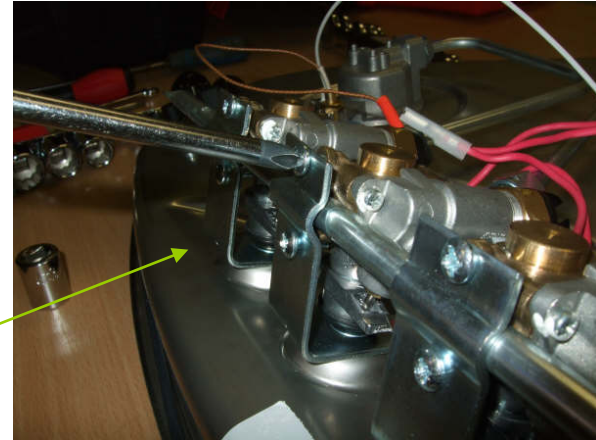


The Gas Valve, continued

Pull the push-fit thermocouple off the burner valve.

Remove the bridging piece screws and pull out the feed pipe from the valve. The gas valve is now free to be removed from the gas rail or manifold.

Finally, pull off the two wires from the ignition switch mounted on the gas valve itself.





The Ignition Micro Switch

With the relevant gas valve removed from the appliance use a PZ1 screwdriver to remove the single screw holding the ignition micro switch to the gas valve.





Dealer Time Allowances

- 1. REPLACING THE APPLIANCE** – 4 X clamp screws, gas supply to disconnect/reconnect, 12v supply to disconnect/reconnect: 10 minutes for initial test. 15 minutes to remove and replace the appliance. 10 minutes for the final test = **35 MINUTES**
- 2. REPLACE THE GLASS HOB** – 4 x clamp screws, gas supply to disconnect/reconnect, lid and hinges to remove, 6 x cap fixing screws, 6 x cup fixing studs, valve locking nuts and generator to remove: 10 minutes for initial test. 20 minutes to remove and replace glass hob. 10 minutes for final test = **40 MINUTES**
- 3. REPLACING A GAS VALVE/IGNITION SWITCH** – 4 x clamp screws, gas supply to disconnect/reconnect, 12v supply to disconnect/reconnect: 15 minutes for initial test and fault finding. 20 minutes to remove and replace valve/switch. 10 minutes for the final test = **45 MINUTES**



Dealer Time Allowances

4. **REPLACING THE 12V SPARK GENERATOR** (Depending on the flexibility of the gas supply pipe) – 4 x clamp screws: 5 minutes for fault diagnosis. 15 minutes to remove and replace generator and test = **20 MINUTES**

5. **REPLACING A THERMOCOUPLE/ELECTRODE** - 4 x clamp screws, gas supply to disconnect/reconnect, 12v supply to disconnect/reconnect, 6 x cap fixing screws, 6 x cup fixing studs, 3 x valve locking nuts, thermocouple/electrode to remove and replace: 15 minutes for initial test and fault diagnosis. 15 minutes to remove unit and to remove and replace part. 10 minutes for the final test = **40 MINUTES**

6. **REPLACING GLASS LID HINGES** – 2 x grub screws to loosen up to remove lid, 4 x hinge fixing screws = **5 MINUTES (per hinge)**

Thank you

for your
attention

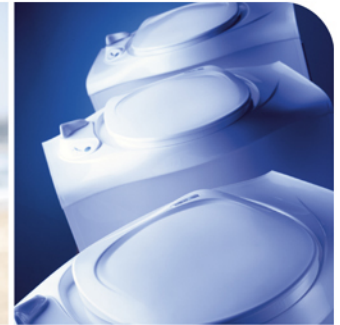


Thetford Europe
Nijverheidsweg 29
PO Box 169
4870 AD Etten-Leur
The Netherlands
Phone: +31 (0)76 504 22 00
Fax: +31 (0)76 504 23 00
www.thetford.eu

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CONTINENTAL COOKING APPLIANCES

Triangular - HB33000, Rectangular - HB34500





TRIANGULAR HOB SERVICE PROCEDURE





Contents Page

The Triangular HB33000 Hob and the Rectangular HB34500 Hob are identical to each other with regards to their working components. The only differences are obvious; the Hob pressing, glass lid and the chrome panrest. This presentation will effectively be relevant to both appliances.

Please note that neither of these appliances is fitted with a Shut Off mechanism. Although both do have Flame Failure Devices (FFD) fitted.

Slides 1 – 3. Introduction slides

Slide 4. Contents

Slide 5. The Glass Lid

Slides 6 - 8. The Hob Pressing

Slide 9. The 12v Spark Generator

Slide 10. The 12v Spark Generator Wiring

Slide 11. Removing a Thermocouple

Slide 12. Removing an Electrode

Slides 13 & 14. Changing a Gas Valve

Slide 15. Changing an Ignition Micro Switch

Slide 16. The Triangular Hob Exploded Drawing and Parts List

Slide 17. The Rectangular Hob Exploded Drawing and Parts List

Slides 18 – 20. Dealer Time Allowances

Slides 21 - 23. Fault Diagnosis Flow Charts

Slide 24. Contact Details



The Glass Lid

To remove the glass lid, loosen up the grub screw in each of the glass lid hinges.

To replace the glass lid firstly line up the hinges with the guides on the glass. Gently nip up the two grub screws and lower the glass lid down. Ensure that the lid is central to the outer rim of the hob and adjust the position of the lid if necessary before tightening up the grub screws.





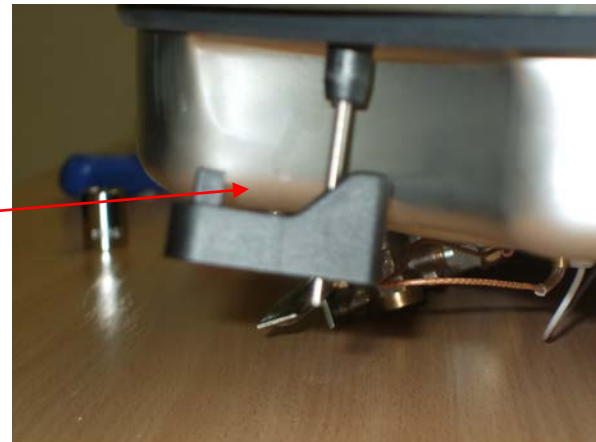
The Hob pressing

Remove the chrome panrest.

Remove all control knobs.

Remove the steel pressing by loosening the fixing screws that are beneath the three glass lid bump stops.

This will loosen up the hob fixing feet holding the appliance to the underside of the worktop.



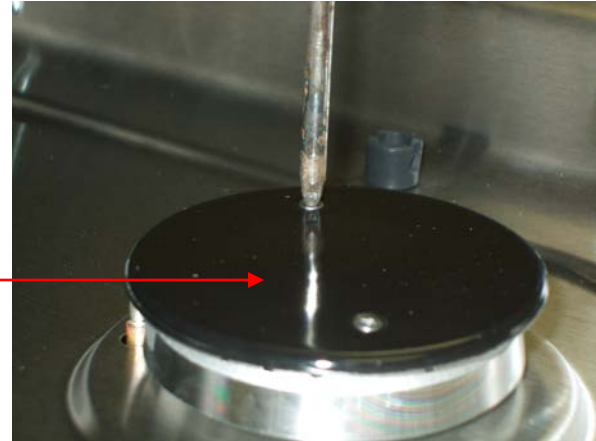


The Hob pressing continued

Disconnect the hob gas rail or manifold from the gas supply.

Remove the burner caps and skirts using a PZ1 size screwdriver and a 5mm socket.

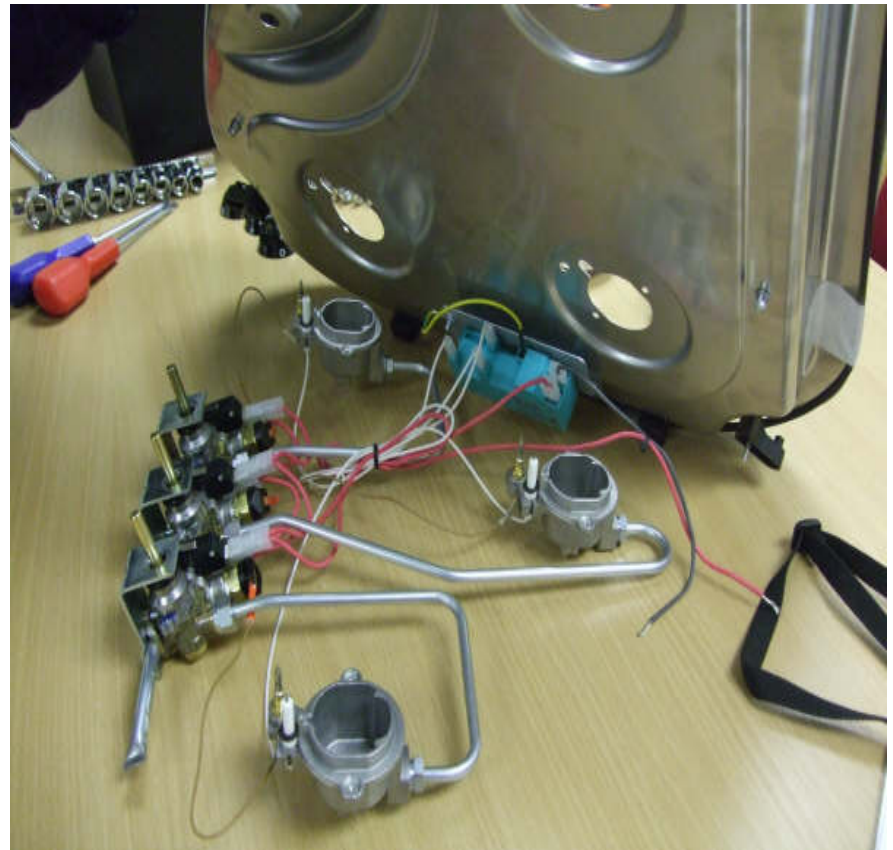
Remove locking nuts that sit over the three valve spindles.





The Hob pressing continued

The Hob pressing will now come away from the components beneath it with exception of the 12v spark generator unit.

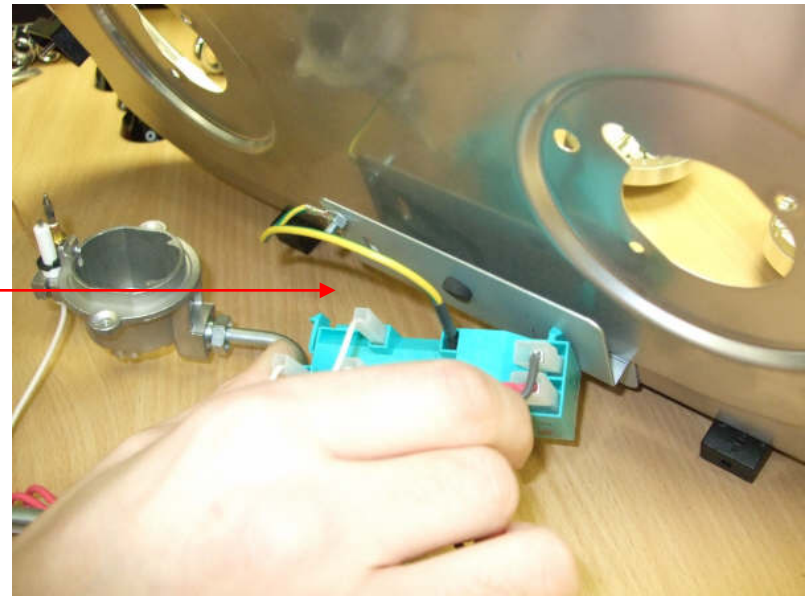




The 12v Spark Generator

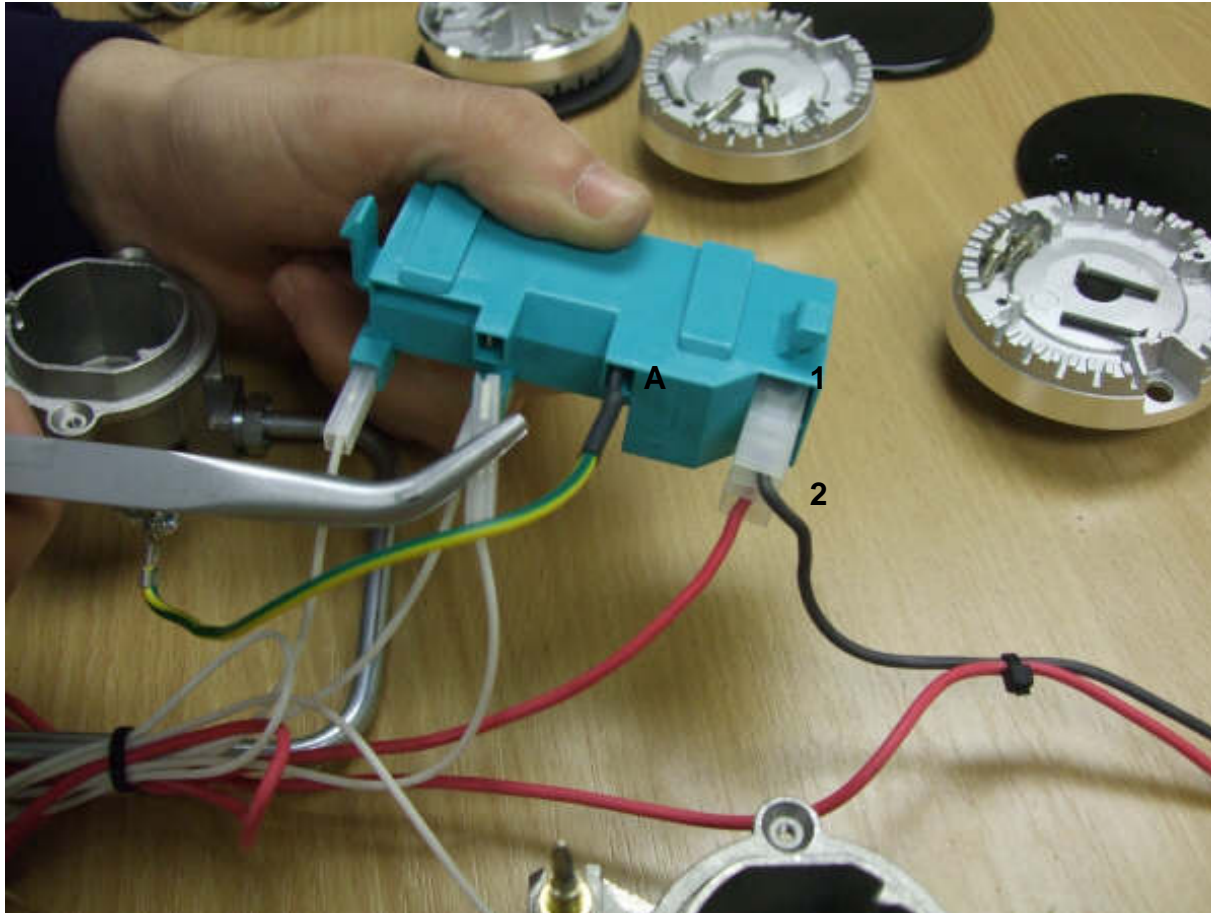
The turquoise coloured 12v spark generator is clipped into the mounting bracket on the underside of the hob pressing. To remove the spark generator gently push down on one side to release the clips.

Unscrew the earth strap and the hob pressing along with the generator can now be replaced if necessary.





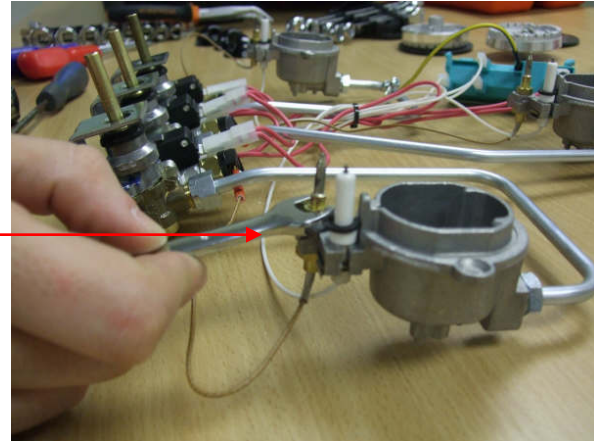
12v Spark Generator Wiring



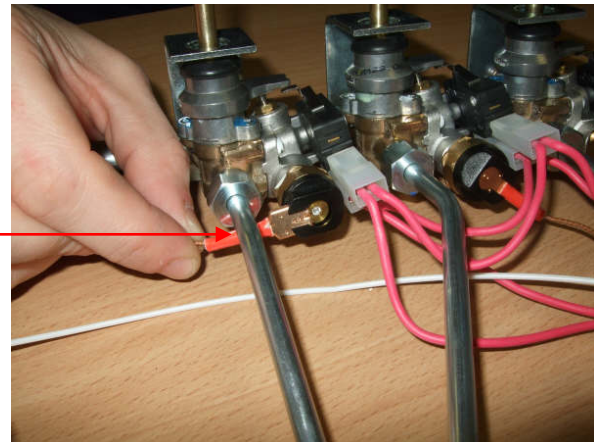


Removing A Thermocouple

Use an adjustable or 8mm spanner to remove the brass nut holding the probe to the burner cup.



Then pull off the push-fit spade from the burner valve.





Removing An Electrode

Unclip the 'crocodile' clip holding the electrode probe in position on the burner cup and lift the probe out.

Pull off the spade fitting from the relevant terminal point on the 12v spark generator. To enable you remove the electrode completely you will need to snip through the cable tie(s) that holds the wires together.



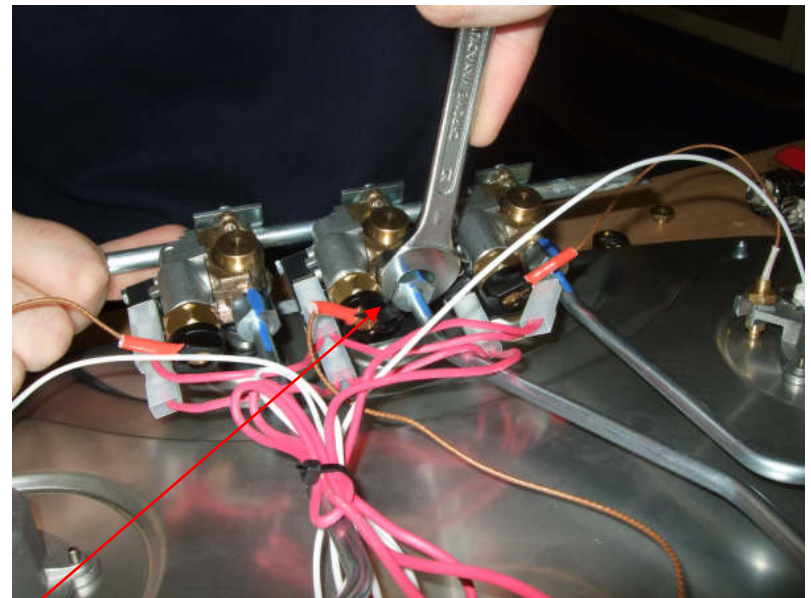


Changing A Gas Valve

Disconnect appliance (loosen hob pressing fixing screws first). Lift the hob out of its worktop housing.

Remove the locking nut that is sitting over the gas valve spindle.

Depending on the gas valve you are working on it may be necessary for you to disconnect the obstructing ignition switch from the opposing gas valve. Use a 14mm spanner to unscrew the nut holding the feed pipe from the valve to the burner.



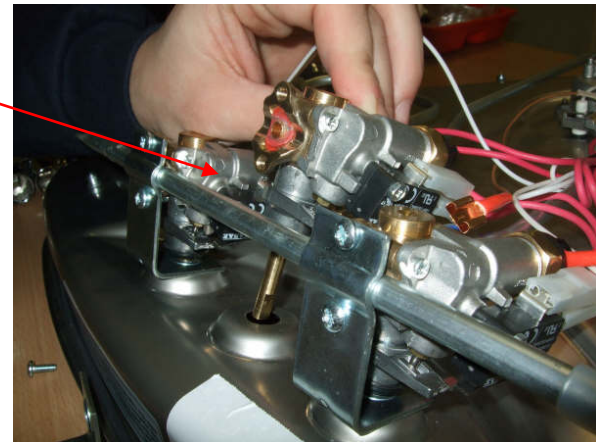
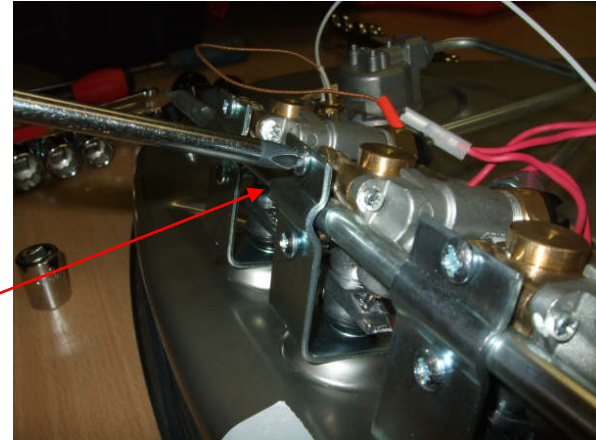


Changing A Gas Valve, continued

Pull the push-fit spade connection off the burner valve.

Remove the bridging piece screws and pull out the feed pipe from the valve. The gas valve is now free to be removed from the gas rail or manifold.

Finally, pull off the two ignition wires from the ignition switch mounted on the gas valve itself.

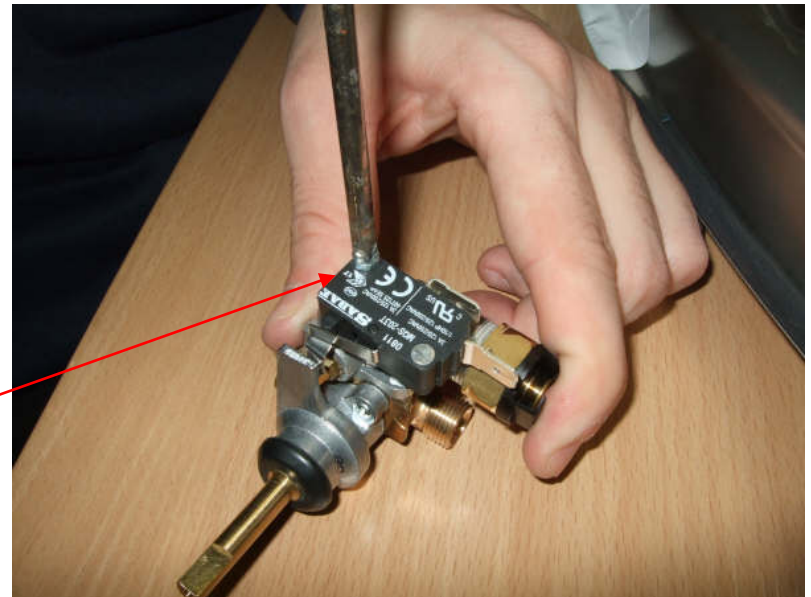




Changing the Ignition Micro Switch

Repeat the afore mentioned process until the gas valve has been removed from the appliance.

Use a PZ1 screwdriver to remove the screw holding the ignition micro switch to the gas valve.





Dealer Time Allowances

- 1. REPLACING THE APPLIANCE** - 3 x fixing screws and gas pipe to disconnect/reconnect: 10 minutes for the initial test. 10 minutes to remove and replace appliance. 10 minutes for final test = **30 MINUTES**
- 2. REPLACING THE HOB PRESSING** – 3 x fixing screws, 3 x burner valve locking nuts, 6 x burner cap screws, 6 burner skirt fixing studs, 1 x Earth strap on 12v Generator, 12v Generator to remove, glass lid and 2 x glass lid hinges to remove: 15 minutes to remove pressing. 15 minutes to replace pressing = **30 MINUTES**
- 3. REPLACING A BURNER VALVE** – 3 x fixing screws and gas pipe to disconnect/reconnect. Fault diagnosis: 15 minutes for initial test and fault diagnosis i.e. no gas. 20 minutes to remove appliance and burner valve and to replace. 15 minutes for final test. **50 MINUTES**



Dealer Time Allowances

4. **REPLACING THE 12v SPARK GENERATOR** (Depending on the flexibility of the copper gas pipe to the Hob) – 3 x fixing screws: 10 minutes for fault diagnosis i.e no spark at all to appliance. 5 minutes to lift up Hob, remove and replace the generator = **15 MINUTES**

5. **REPLACING AN ELECTRODE** (Depending on the flexibility of the copper gas pipe to the Hob) – 3 x fixing screws, 1 x cable tie: 5 minutes for fault diagnosis i.e no ignition to a burner. 5 minutes to lift up Hob, remove and replace the electrode = **10 MINUTES**

6. **REPLACING A THERMOCOUPLE** (Depending on the flexibility of the copper gas pipe to the Hob) – 3 x fixing screws, 2 x burner cap screws, 2 x burner skirt fixing studs: 10 minutes for fault diagnosis i.e burner will not stay alight. 10 minutes to lift up Hob, remove, replace and test the thermocouple = **20 MINUTES**



Dealer Time Allowances

7. **REPLACING GLASS LID HINGES** – Loosen up 2 x grub screws to remove glass lid, 4 x hinge fixing screws = **5 MINUTES** (per hinge)
8. **REPLACING HOB BEZEL/SEAL** – Labour not covered under warranty
9. **REPLACING GLASS LID** – Labour not covered under warranty
10. **REPLACING CONTROL FASCIA** – Labour not covered under warranty
11. **REPLACING CONTROL KNOB(S)** – Labour not covered under warranty
12. **REPLACING GLASS LID BUMP STOP(S)** – Labour not covered under warranty
13. **REPLACING PANREST/PANREST CLIP** – Labour not covered under warranty

Thank you

for your
attention



Thetford Europe
Nijverheidsweg 29
PO Box 169
4870 AD Etten-Leur
The Netherlands
Phone: +31 (0)76 504 22 00
Fax: +31 (0)76 504 23 00
www.thetford.eu

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TRIPLEX SERVICE PROCEDURE





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Slide 5. Removing the appliance

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Slides 9 – 11. The Dual Function Gas Valve

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Slide 23. The Oven Burner Jet

Slide 24. The Grill & Oven Thermocouples

Slide 25. The Hob Thermocouple

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The Drop Down Oven Door

Open the door and engage the catch on the lower arm of the hinge to hook on to the upper arm. Repeat for both hinges and then lift the door up and pull out of the front trim to remove the door from the appliance.





Removing the Appliance

Disconnect the cooker from the gas supply. Remove the oven door if not already done so. Remove the 2 x screws from each side of the cookers front trim and the 4 x screws holding the cooker top to the worktop.

Carefully slide the appliance forward by one third and check at the rear for any possible snagging of pipes or wires. Once checked, lift the appliance out of its housing and place on a suitable surface.



The Fascia

Pull off all four control knobs and remove the screw from beneath the dual function gas valve on the right hand side using a PZ2 screwdriver.

Use a 16mm socket or similar to remove the two brass locking nuts. There will also be a red fibre washer to remove along with the locking nuts.

Gently lift off the fascia and disconnect the two ignition leads from the ignition rocker switch.





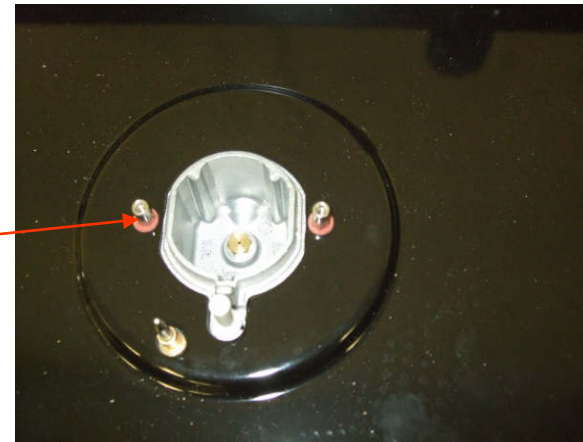
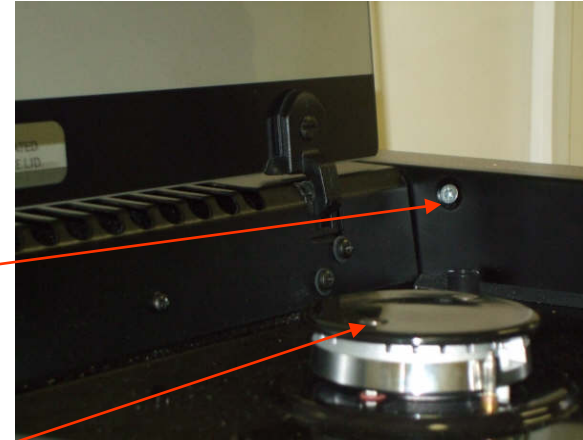
The Hob Pressing

Remove pan support

Remove 4 hob side trim screws
(PZ2 screwdriver)

Remove screws on burner caps
(PZ1 screwdriver)

Remove burner cup fixing studs
(5mm socket)





The Hob Pressing, continued

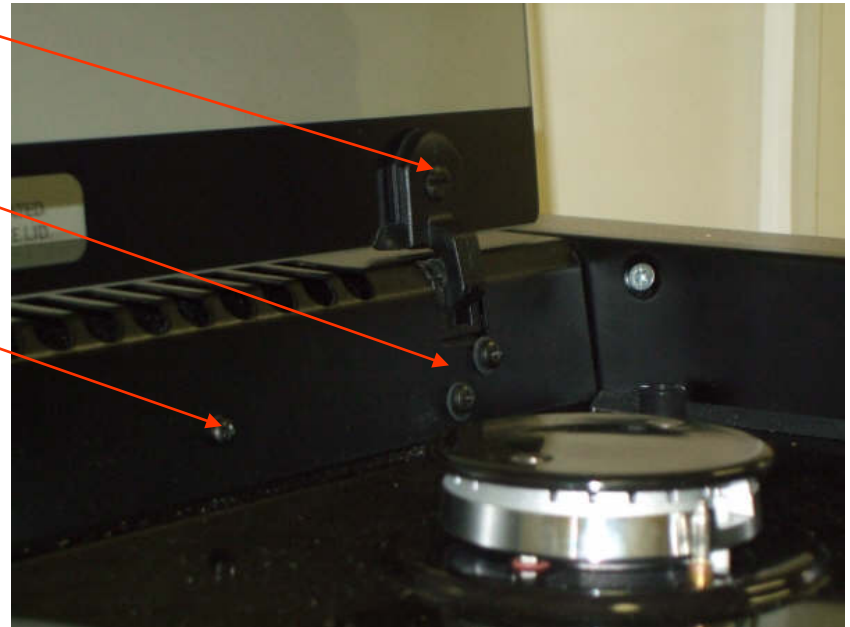
Loosen grub screws on hinges and lift out the glass lid.

Loosen off the 4 dome headed screws on the hinges.

Remove the 2 screws on rear hob trim that secure the pressing.

Remove the fascia and gently lift the hob pressing up.

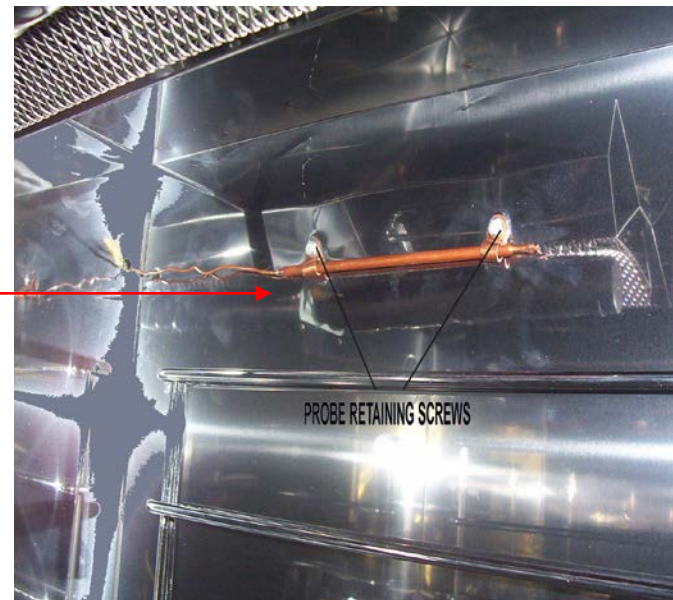
To remove completely, slide the pressing out from under the rear hob trim and away from the appliance.





The Dual Function Gas Valve

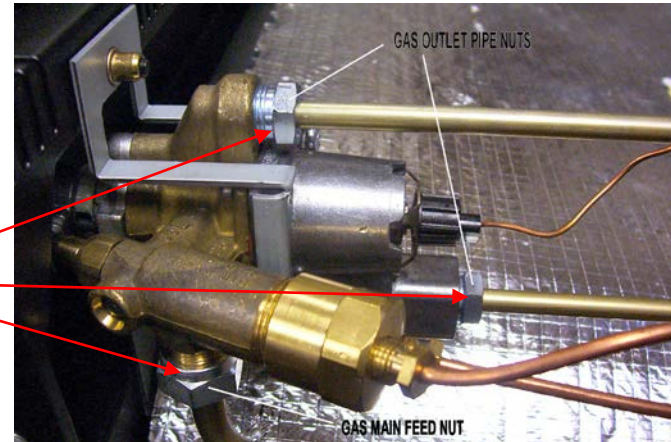
Disconnect the appliance from the gas supply and remove from the housing. Open the oven door and loosen the 2 x 'P' clips holding the thermostat probe in position and push the probe back through the hole in the rear of the cavity box.



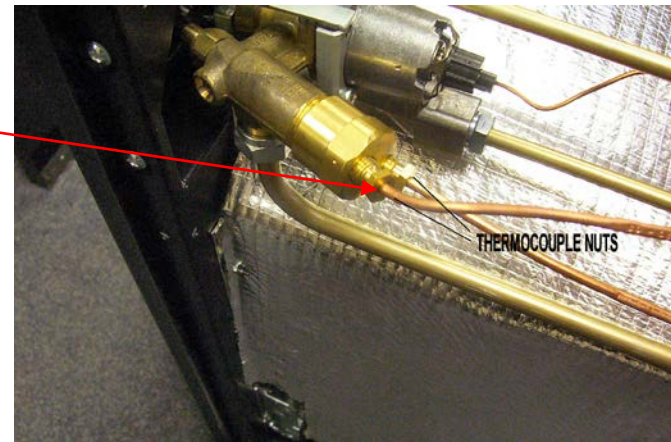


The Dual Function Gas Valve, continued

Disconnect the inlet pipe and the 2 x burner supply pipes.



Disconnect both the oven and grill thermocouples.

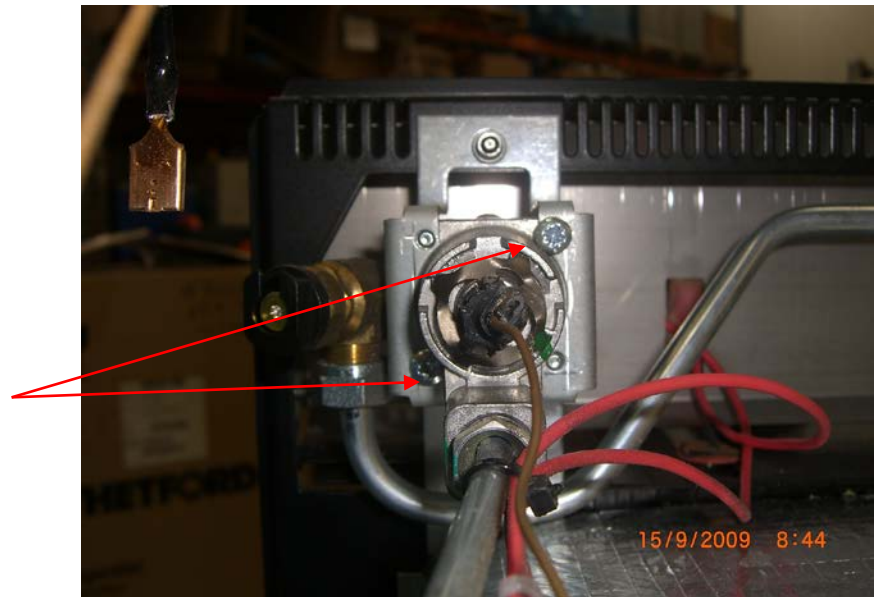




The Dual Function Gas Valve, continued

Use a PZ2 screwdriver to remove the gas valve mounting bracket that is fastened to the fascia mounting plate.

Still with the PZ2, remove the two rear screws holding the bracket to the thermostat.





The Hob Burner Gas Valve



The Hob burner gas valve, continued

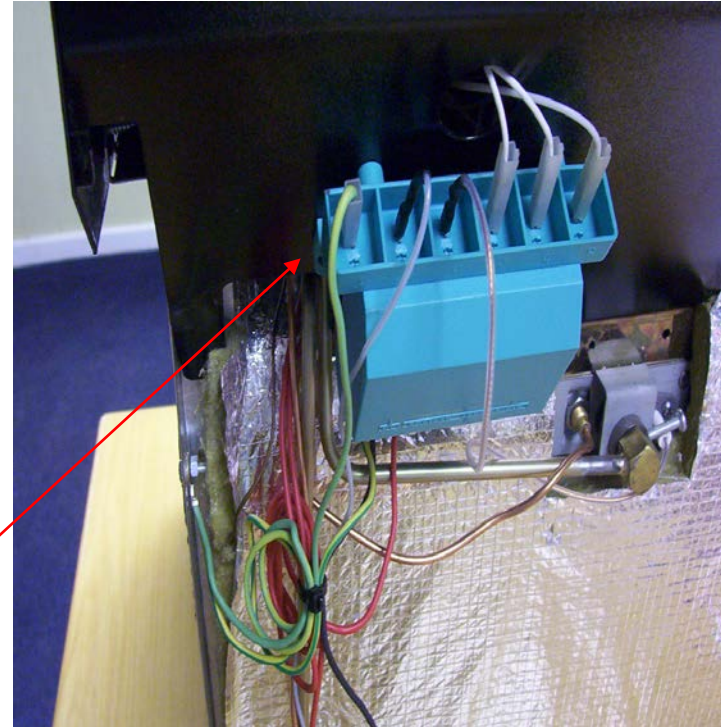


The 12v Spark Generator

12v Spark Generator is located at the rear of the appliance.

Disconnect the gas supply and remove the cooker from its housing.

Pull off all spade fittings from the terminal points on the generator. Remove the 2 x fixing screws top and bottom to remove the generator.



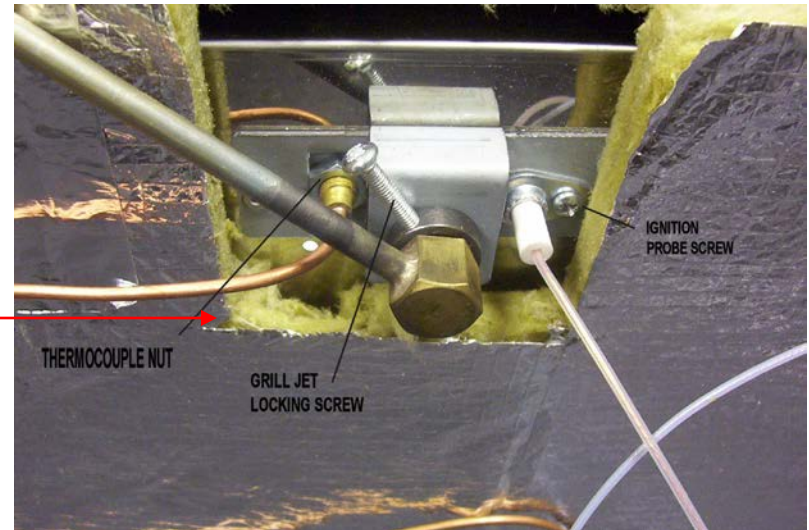


The Spark Ignition

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Remove the small screw from the bracket on the rear of the appliance that is holding the ignition probe in position.

Trace the electrode back to the 12v spark generator and pull the spade fitting off the terminal point.

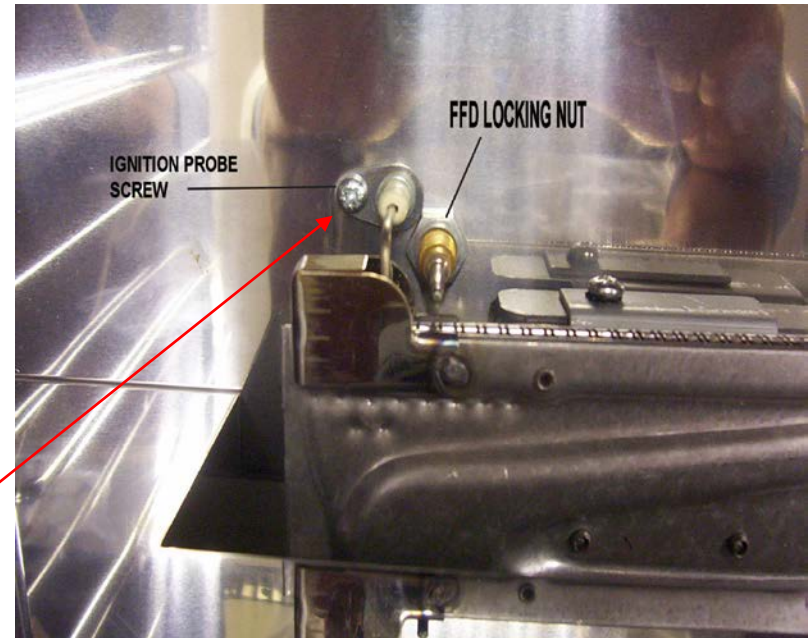




The Spark Ignition, continued

Oven Burner – Trace the electrode wire up the back of the appliance to the 12v spark generator and pull the spade fitting off the terminal point.

Unscrew the fixing screw on the electrode inside the cavity box then carefully pull the electrode through from inside the cavity.

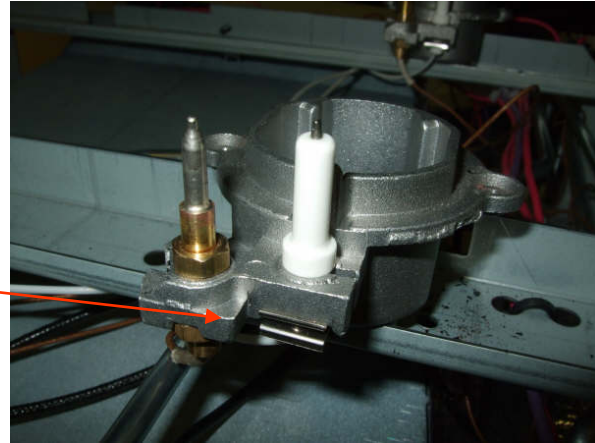




The Spark Ignition, continued

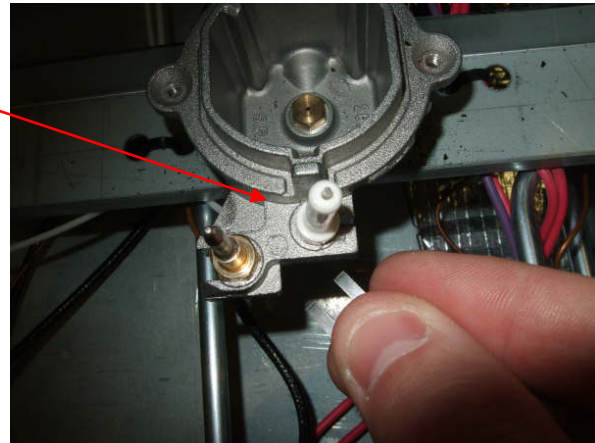
Remove the hob pressing.

The Electrodes for the hob burners are retained on the burner cup by a silver 'crocodile' clip. Squeeze and pull the clip off. Use either your fingers or a pair of long-nosed pliers.



Then lift the probe out of the burner cup.

Trace the relevant electrode back to the 12v spark generator and pull the spade fitting off its terminal point.





PRODUCT CHANGE NOTIFICATION

Spark Generator Mounting

As part of our ongoing commitment to product improvement the mounting position of the 12V spark generator on the Triplex will have changed as of 11 January 2010.

The original design of mounting the spark generator employed a large cantilever bracket attached at the rear of the oven cavity and was secured to the rear of the hob top sub-assembly. This cantilever bracket also formed part of the back surround trim that covered part of the worktop cutout. (see next page)

The new design incorporates a couple of key changes:-

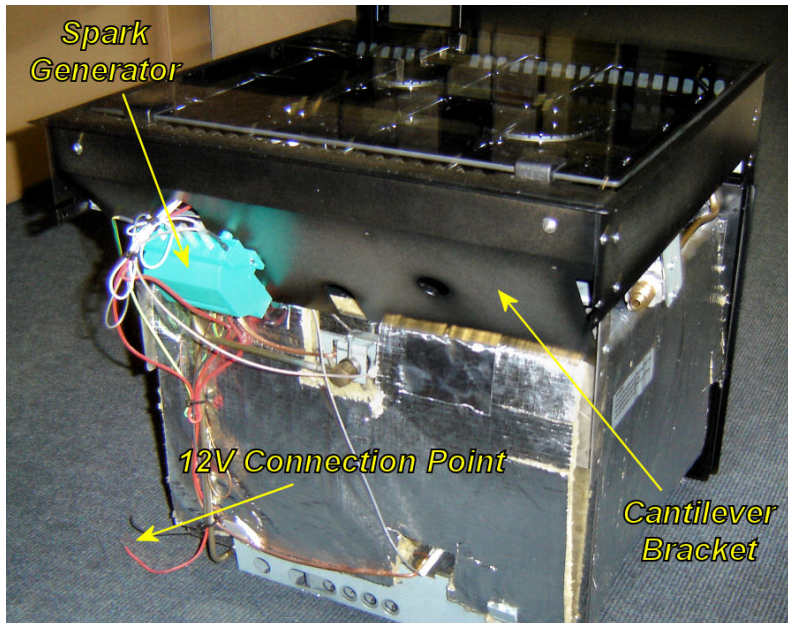
Generator Mounting Bracket - the 12V spark generator is mounted on its own bracket which is already used on our Duplex Oven/Grill units. This helps us to standardize on this smaller bracket, whilst not moving the 12V wiring connection point significantly.

Back Hob Surround Trim - the back section of the hob surround trim is replaced by a much smaller painted part already used on our Caprice and Minigrill units. This helps us to standardize on this smaller component. This change has the added benefit of opening up the rear underside of the hob top allowing for cooler cabinet temperature due to improved air circulation.

The above changes are not believed to affect the installation, or be noticeable at all to the end user, whilst exceeding all existing and future installation requirements.



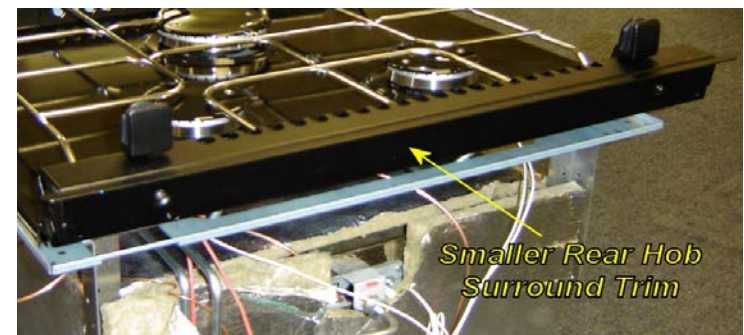
PRODUCT CHANGE NOTIFICATION



Original Triplex Rear View



New Triplex Rear View





The Grill Burner



The Grill Burner, continued

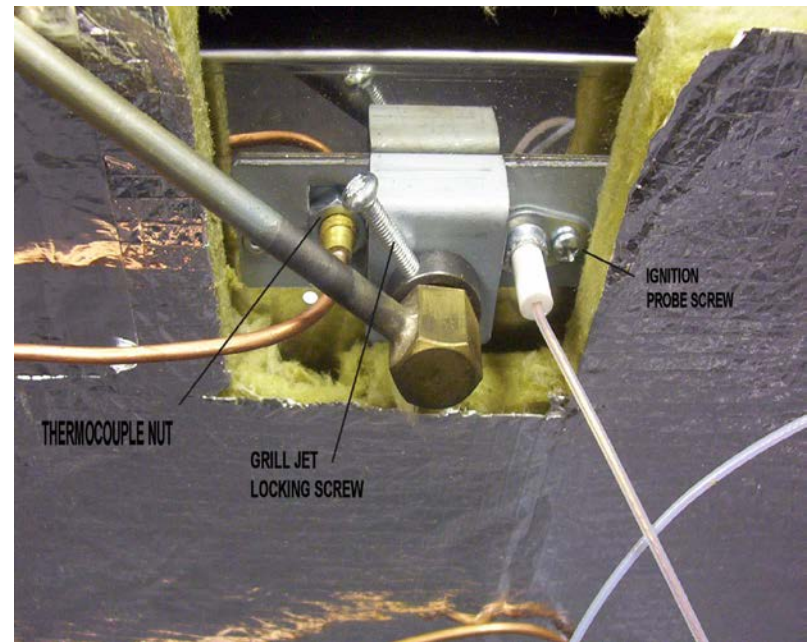


The Grill Burner Jet (size .62)

Disconnect from the gas supply and remove the appliance from the housing.

Remove the locking screw from the injector 'bush'.

Remove the grill pipe from the gas valve and unscrew the jet using an 8mm spanner.

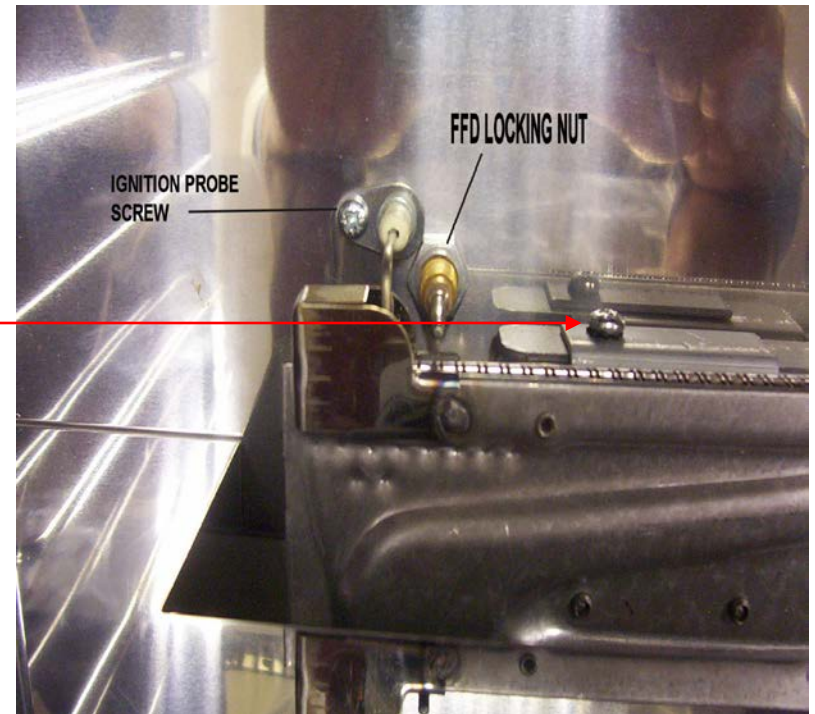




The Oven Burner Jet (size .59)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out.

The Jet is exposed to the right hand side of the burner housing bracket. Unscrew the jet using an 8mm spanner.

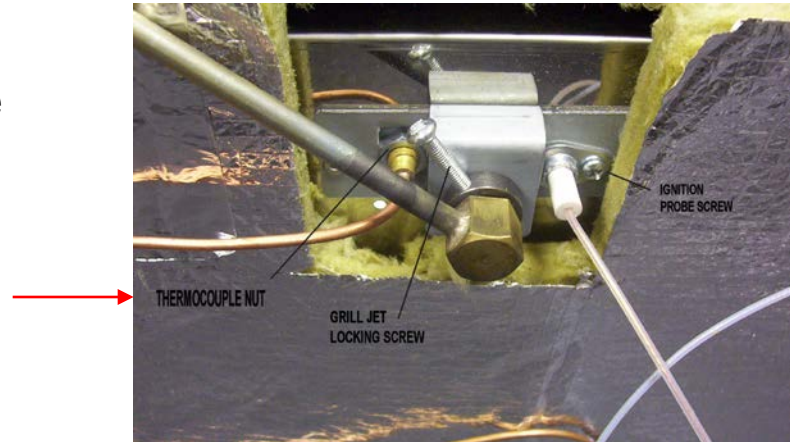




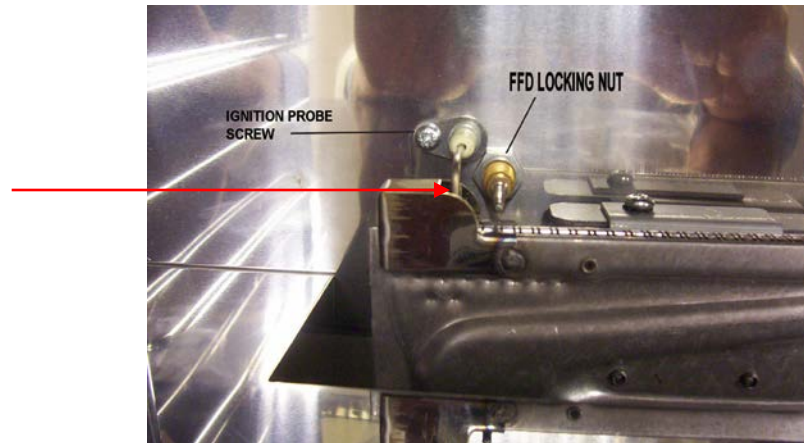
The Grill and Oven Thermocouples

Disconnect from the gas supply and remove the appliance from the housing.

Grill Burner – Unscrew the thermocouple from the gas valve. Unscrew the nuts on the probe at the grill burner and gently pull through.



Oven Burner – Unscrew the thermocouple from the gas valve. Inside the cavity box the thermocouple is found just above the oven burner on the rear wall. Unscrew the locking nuts and gently pull the thermocouple through.

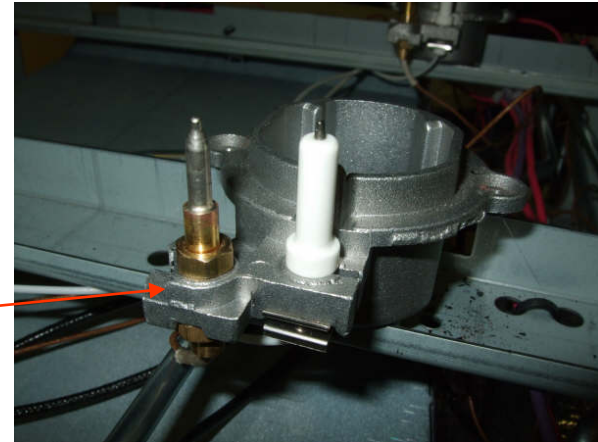




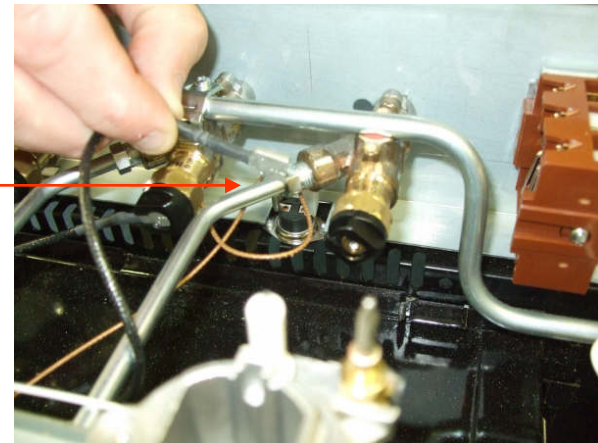
The Hob Thermocouple

Remove the hob pressing.

Use an 8mm spanner to remove the locking nut holding the thermocouple probe to the burner cup.



Trace the relevant thermocouple back to the gas valve pull off the spade fitting and replace.



Thank you

for your
attention



Thetford Ltd
19 Oakham Drive
Parkwood Industrial Estate
SHEFFIELD
S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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KARINA AND KARINA 2020

**IF FITTED WITH AN IGNITION SYSTEM
ISOLATE THE 230V SUPPLY BEFORE PROCEEDING**

SERVICING PROCEDURES

1. Remove appliance from housing

Lift the glass lid and remove 2 screws from either side of the hob surround trim, remove pan stop if fitted and close the lid (KARINA 8000/8100 only). Open the grill door and remove the screw from each side trim. Open the oven door and remove the screw from the bottom of each side trim. Slide the appliance out, one third to gain access and disconnect the gas supply. Lift out onto a suitable surface.

2. Remove the hob surface (KARINA 8000/8100 only)

Remove appliance from housing (1). Lift the glass lid and remove the pan support from the clips. Lift off the burners, remove the 2 screws on either side of each burner. Unscrew the 2 rear pan support clips and remove. Close the glass lid. At the rear of the appliance remove the 3 screws in the hob surround trim. At the front of the appliance at either side at the top of the side trims remove the screw from each side and lift off the hob surface.

3. Control replacement

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the corresponding pipe and thermocouple and remove from the control. **Hob and grill controls.** Remove the 2 screws from the mounting bracket and the locknut from the front of the control panel. Disengage the control from the gas rail and remove **oven thermostat.** Open the oven door and unscrew the 2 screws holding the thermostat probe in position and push the probe back out through the hole in the oven chamber. Remove the retaining screws from on top and underneath the control and remove from the gas rail. Remove the fittings off the old control and fit on the replacement.

4. Remove the grill burner

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe. Open the grill compartment door and unscrew the locknut on the thermocouple (thermocouple at the rear of the grill tube at the left-hand side) and push back through the hole. With a pair of pliers remove the 2 star locks on top of the grill hood, ease the grill assembly out.

5. Hotplate burner injector (No62)

Lift the glass lid and remove the pan support from the clips. Lift off the burners and unscrew the injector.



KARINA AND KARINA 2020

6. Grill burner injector (No62)

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe and remove the injector.

7. Oven burner injector (No65)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out. The injector is exposed to the right hand side of the cut out. Unscrew the injector.

8. Hob and grill thermocouples

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the thermocouple from the control. Unscrew the nut at the burner.

9. Oven thermocouple

Remove appliance from housing (1). At the right hand side of the appliance, unscrew the thermocouple from the control. Tilt the oven glass side down on to the floor. Remove the 4 screws holding the corner bracket in position and lift off the bracket. Unscrew the locknut off the thermocouple.

10. Removing doors

Grill door. Open the grill door and remove the 2 screws on either side of the door, remove by pulling off the hinges. The hinges can then be removed if necessary.

Oven door. Open the door and remove the 2 screws retaining the top hinge and lift the door off the bottom hinge.

11. Removing glass lid. (2020 version)

Remove appliance from housing (1). The lid is held in place by 2 screws into the hinge pins at the back of the hob. Remove these and pull lid upwards. To replace, ensure that the square section on the end of the hinge pin engages correctly in the lid brackets. Replace screws.



KARINA 2020 AND KARINA 600 WITH PANEL GRILL

From March 2001 the Karina had a grill change, it has fitted a surface combustion grill which is a flat panel with holes rather than the normal tube and mesh arrangement.

The jet size for this grill is a .67.

The oven is also made in a stretched version, being 600mm wide.

The oven injector for this model is .70, all other jets are the same as normal Karina. (see jet guide on page 50 for details.)

A smaller oven burner is fitted to these models and is easily removable by 1 screw.

Some models have been fitted with a Shut Off valve. This cuts the gas off to the hob burners and the grill when the lid is closed. The oven will continue to work. The S.O. valve is located at the back right hand corner underneath the enamel top.

Dismantling procedure is as other appliances.

From October 2003 the grill was changed back to the tube grill used on other models.



CAPRICE 2020 AND CAPRICE 6000

SERVICING PROCEDURES

1. Remove appliance from housing

Lift the glass lid and remove 2 screws from either side of the hob surround trim and close the lid. Open the oven door, grill door and lower door and remove the screws from the side trims. Slide the appliance out, one third to gain access and disconnect the gas supply. Lift out onto a suitable surface.

2. Remove the hob surface

Remove appliance from housing (1). Lift the glass lid and remove the pan supports from the clips. Lift off the burners, remove the 2 screws on either side of each burner and close the lid. At the rear of the appliance remove the 3 screws in the hob surround trim. Remove the screws from the top of the side trims at the front of the appliance and lift off the hob surface.

3. Control replacement

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the corresponding pipe and thermocouple and remove from the control. **Hob and grill controls.** Remove the 2 screws from the mounting bracket and the locknut from the front of the control panel. Disengage the control from the gas rail and remove **oven thermostat.** Open the oven door and unscrew the 2 screws holding the thermostat probe in position and push the probe back out through the hole in the oven chamber. Remove the retaining screws from on top and underneath the control and remove from the gas rail. Remove the fittings off the old control and fit on the replacement.

4. Remove the grill burner

Remove appliance from housing (1). Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe. Unscrew the locknut on the thermocouple (thermocouple at the rear of the grill tube at the left-hand side) and push back through the hole. Unscrew the two screws holding the grill assembly to the pressing and remove grill assembly.

5. Hotplate burner injector (No62)

Lift the glass lid and remove the pan support from the clips. Lift off the burners and unscrew the injector.

6. Grill burner injector (No62)

Remove appliance from housing (1). Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe, remove grill pipe from control and remove the injector.



CAPRICE 2020 AND CAPRICE 6000



7. **Oven burner injector (No65)**

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out. The injector is exposed to the right hand side of the cut out. Unscrew the injector.

8. **Hob and grill thermocouples**

Remove appliance from housing (1). Unscrew the thermocouple from the control. Unscrew the nut at the burner.

9. **Oven thermocouple**

Remove appliance from housing (1). Unscrew the thermocouple from the control. Unscrew the locknut off the thermocouple and remove.

10. **Removing doors**

Grill door. Open the grill door and remove the 2 screws on either side of the grill chamber. Carefully lift and remove the door.

Lower door. Open the door and remove the 2 screws retaining the right hinge and lift the door off the left hinge.

Oven door. Open the door and engage catch to hook on each hinge. Lift the door and pull out of side trims.



CAPRICE 2040E DUAL FUEL

SERVICE INSTRUCTIONS

BEFORE REMOVING COOKER FROM HOUSING ENSURE ANY 240V SUPPLY IS TURNED OFF.

TO GAIN ACCESS TO THE GAS SYSTEM UNDER THE HOB BASEPLATE

1. Remove glass from hinges by loosening the front screw.
2. Unscrew the rear panrest clips.
3. Remove the burner head retaining screws and lift off burners.
4. Unscrew the spigots holding the burner cups to the baseplate.
5. Remove earth wire from rear middle screw (Fig 1)
6. Remove the top screws holding the grill burner in place.
7. Remove 2 screws holding hob side trims to oven side trims.
8. Baseplate will now lift up and pivot left to allow access to gas parts and ign. system. (Fig 2 - it will need holding up)



Fig 1

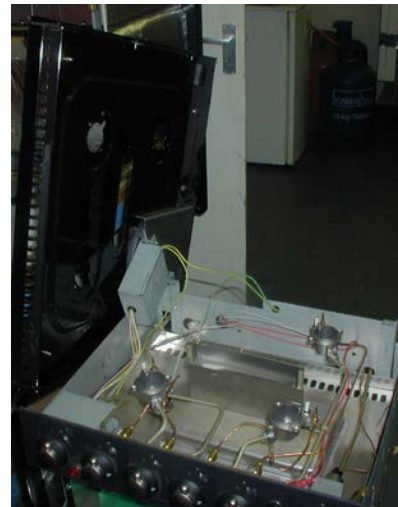


Fig 2

TO REMOVE PRESSING COMPLETELY

1. Remove nut holding earth wire to electric burner shroud (Fig 3)
2. Undo 2 screws holding on wire cover. (Fig 3)
3. Disconnect wires after noting colour positions.
4. Baseplate can now be removed.
5. To remove electric burner undo the shroud nut and pull out.



Fig 3.

TO REPLACE ELECTRIC HOTPLATE SWITCH

1. Remove rear 2 screws holding fascia to sidetrims.
2. Remove control knobs and tap retaining nuts.
3. Remove screws holding oven tap brackets to fascia. (Fig 4)
4. Remove red wires from 12v switch. (Fig 4)
5. Pull fascia off of taps and pull up to give access to lower screws. (Fig 5)
6. Remove middle 2 screws with earth wire and pull back shroud. (Fig 6)
7. The switch assembly can now be seen and can be removed after unscrewing the 2 remaining lower screws. (Fig 5) Note position of wires.

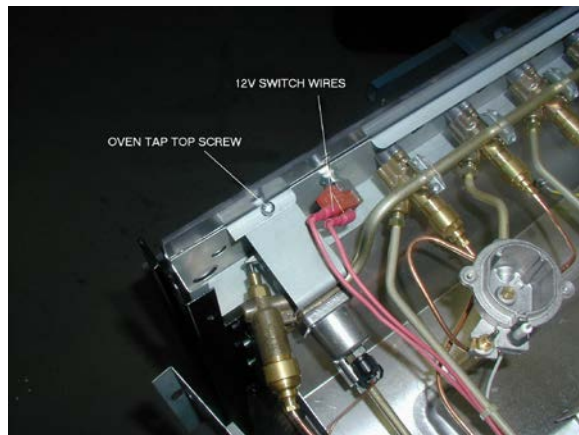


Fig 4.

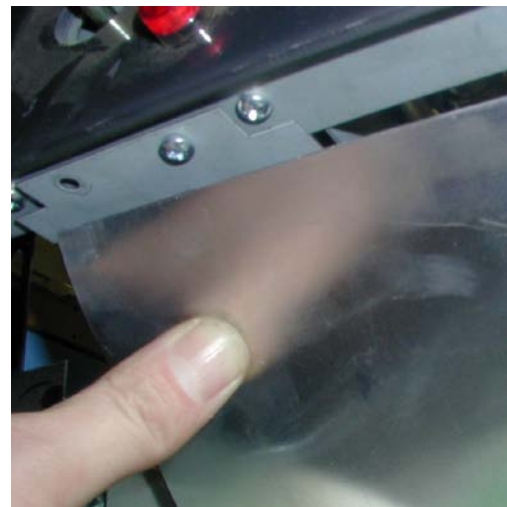


Fig 5.



Fig 6.

Reassemble in reverse order taking care to note the following.

When refixing fascia in position align it parallel with top of grill door.

Make sure wires do not get trapped anywhere.

When replacing the electric burner wires, it is easier to pull them out of the tiwrap and then retie after connection.

When putting baseplate back on ensure rear earth wire is put through the rear hole.



CALIBRATION OF THERMOSTAT

To obtain reliable results, it is important to use the following procedure.

- ✚ Place a shelf on the runners in the middle of the oven and place thermometer or sensor in the centre.
- ✚ Select the required thermostat setting by turning the knob to the setting required, light the oven and close the door.
- ✚ After the oven has been alight for 20 minutes, take the temperature.
- ✚ If the temperature recorded is within + or – 15oC of the recommended temperature it can be assumed that the thermostat is correctly calibrated.

GAS MARK	TEMP. oC	TEMP. F
¼	130	265
1	140	285
2	150	300
3	165	330
4	180	355
5	195	385
6	210	410
7	220	430
8	230	445
9	240	465



COUNTRY LEISURE DUO 75



SERVICING PROCEDURES

GAS PRESSURE TEST POINT

The gas pressure test point is located inside the storage compartment, on the left hand side, prior to the first control tap position on the main manifold pipe.

1. Remove appliance from housing

Lift the glass lid and remove 2 screws from either side of the hob surround trim and close the lid. Open the oven door and remove the screw from the bottom of the side trim. Open the storage cupboard door and remove the screw from the bottom of the side trim. Slide the appliance out, one third to gain access and disconnect the gas supply. Lift out onto a suitable surface.

2. Remove the hob surface

Remove appliance from housing (1). Lift the glass lid and remove the pan supports from the clips. Lift off the burners, remove the 2 screws on either side of each burner and close the lid. At the rear of the appliance remove the 3 screws in the hob surround trim. At the front of the appliance at either side at the top of the side trims remove the screw from each side and lift off the hob surface.

3. Control replacement

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the corresponding pipe and thermocouple and remove from the control.

Hob and grill controls. Remove the 2 screws from the mounting bracket and the locknut from the front of the control panel. Disengage the control from the gas rail and remove. **Oven thermostat.** Open the oven door and unscrew the 2 screws holding the thermostat probe in position and push the probe back out through the hole in the oven chamber. Remove the retaining screws from on top and underneath the control and remove from the gas rail. Remove the fittings off the old control and fit on the replacement.

4. Remove the grill burner

Remove appliance from housing (1). Remove the hob surface (2). With a pair of pliers remove the 2 star locks on top of the grill hood, ease the grill assembly out. Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe. Open the grill compartment door and unscrew the locknut on the thermocouple (thermocouple at the rear of the grill tube at the left hand side) and push back through the hole.

5. Hotplate burner injector (.62mm)

Lift the glass lid and remove the pan support from the clips. Lift off the burners and unscrew the injector.



COUNTRY LEISURE DUO 75



6. Grill burner injector (for size, see information sheet 7)

Remove appliance from housing (1). Remove the hob surface (2). With a pair of pliers remove the 2 star locks on top of the grill hood, ease the grill assembly out. Unscrew the screw on the bush at the end of the grill burner and disengage the grill pipe and remove the injector.

7. Oven burner injector (No65)

Open the oven door and unscrew the burner retaining screw, slide the burner to the left and lift out. The injector is exposed to the right hand side of the cut out. Unscrew the injector.

8. Hob and grill thermocouples

Remove appliance from housing (1). Remove the hob surface (2). Unscrew the thermocouple from the control. Unscrew the nut at the burner.

9. Oven thermocouple

Remove appliance from housing (1). At the right hand side of the appliance, unscrew the thermocouple from the control. Open the storage cupboard door and remove the screw in the bottom left hand corner. Tilt the oven glass side down on to the floor. Remove the 4 screws holding the corner bracket in position and lift off the bracket. Unscrew the locknut off the thermocouple.

10. Removing doors

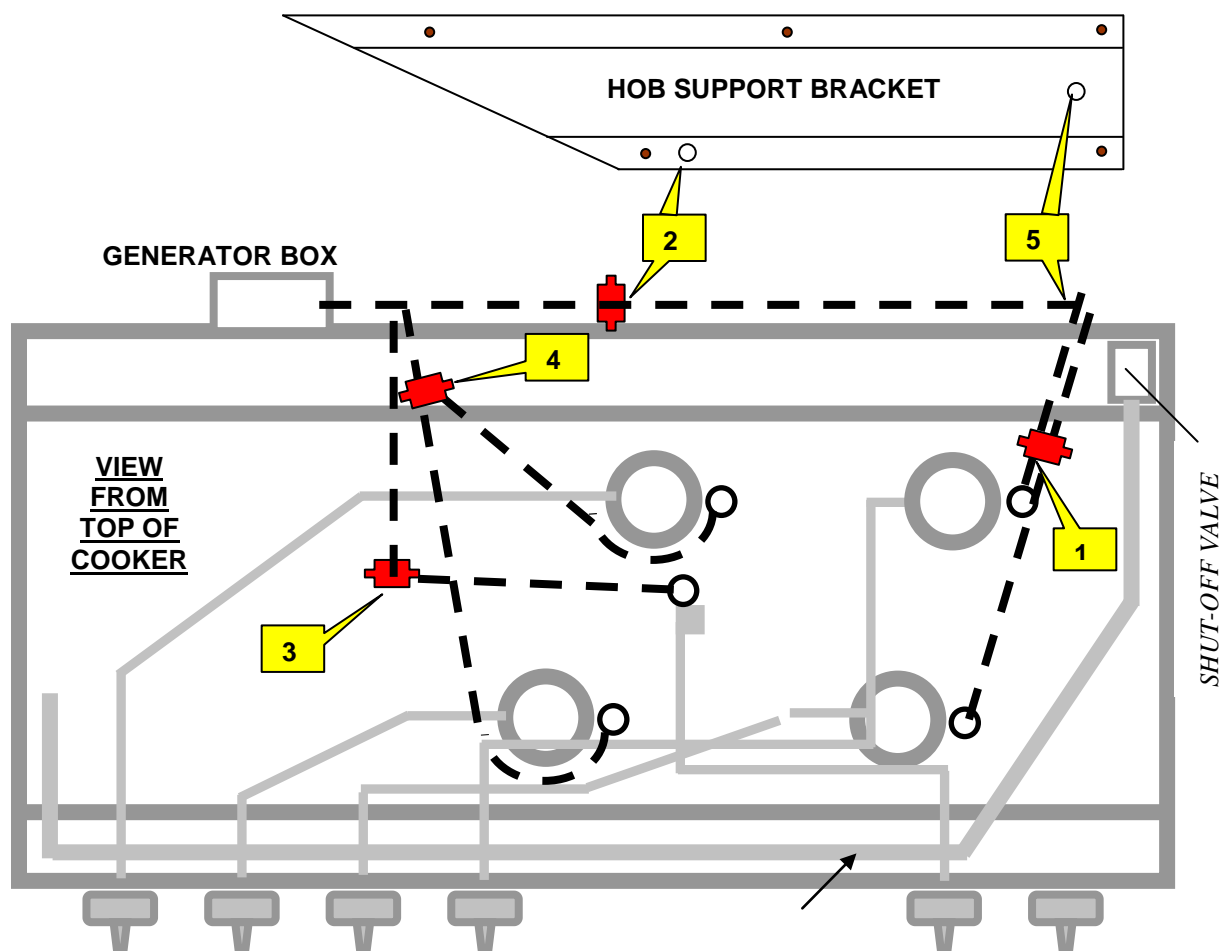
Grill door. Open the grill door and remove the 2 screws on either side of the grill chamber. Carefully lift and remove the door.

Oven and storage compartment doors. Open the door and remove the 2 screws retaining the top hinge and lift the door off the bottom hinge.

DUO 75 - SPARK IGNITION WIRE ROUTE

There are two types of hob unit, pipework for the burners is identical on both except for the main gas inlet manifold, ie some models include a gas shut off valve but for the purposes of correct wire routing both models can be classed as identical. Both types must have the spark ignition wires tie wrapped and routed as follows. At positions 1 and 4 the wires are tie wrapped together, position 3 (grill ignition) is a tie wrapped to the hole in the top of the storage cupboard. Holes are provided in the hob support bracket at positions 5 and 2, for the purpose of wire exit and tie wrap respectively. (Note: - Where holes are not present in the support bracket these should be provided using a 8mm (5/16in) drill.)

Deviation from these instructions may lead to premature failure of the spark ignition system



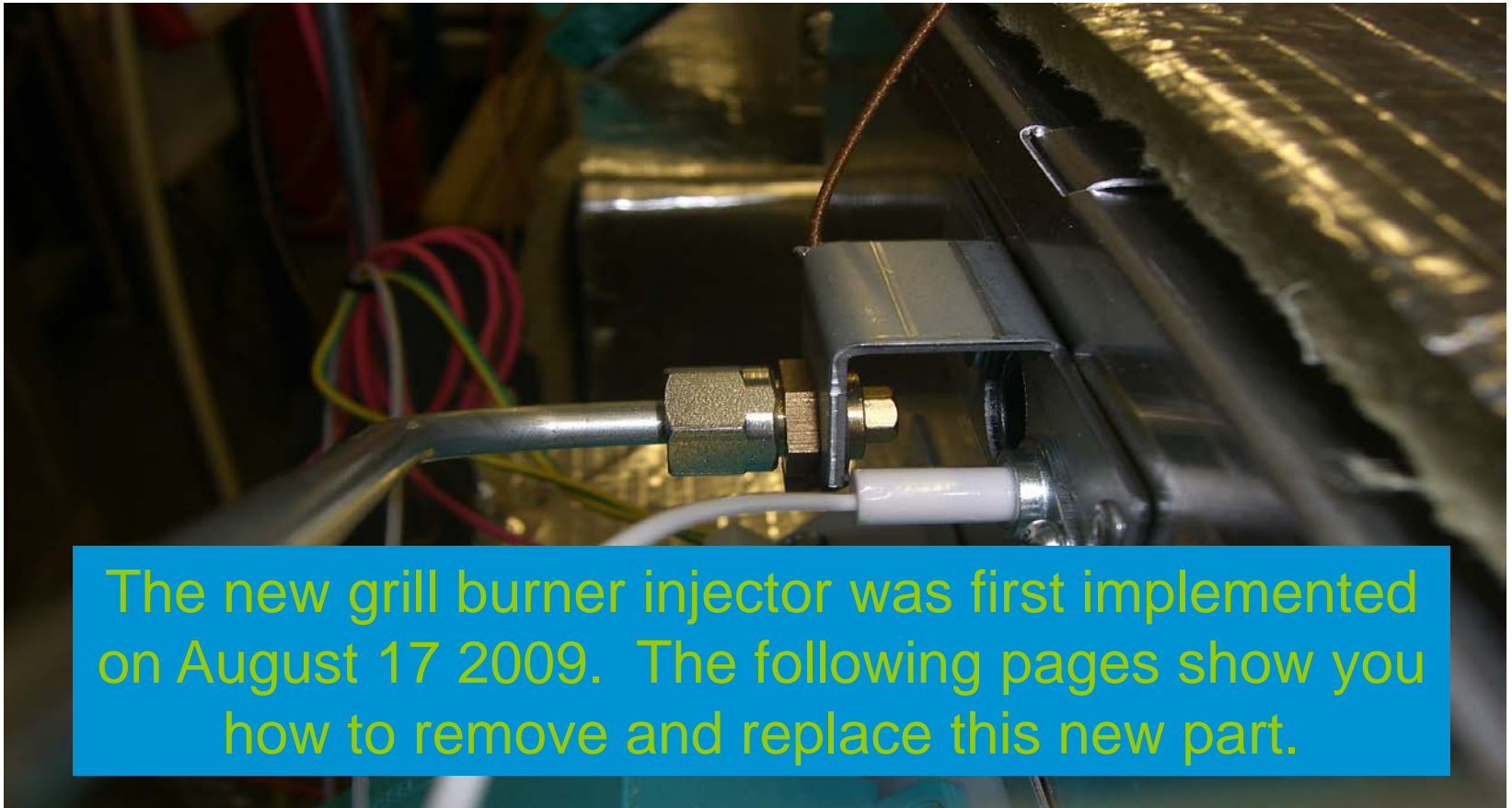
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NEW GRILL BURNER INJECTOR SERVICE PROCEDURE



The new grill burner injector was first implemented on August 17 2009. The following pages show you how to remove and replace this new part.

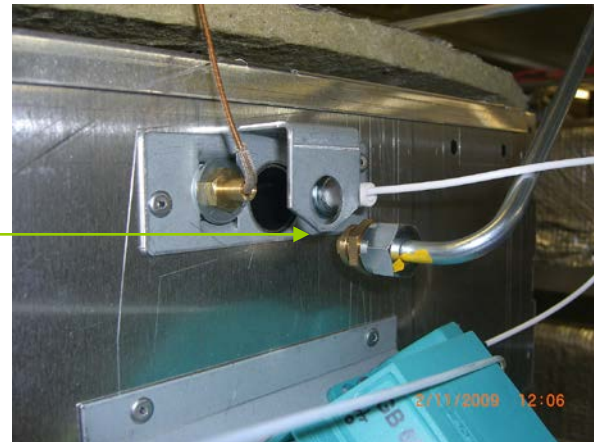


New Grill Burner Injector

You will see that the new Grill Burner Injector is held to the injector bracket by a small cir-clip.

To remove this clip simply use a pair of pliers or a flat headed screwdriver and push down.

The grill burner injector can now be pulled out from the injector bracket.





New Grill Burner Injector

You will need a 7mm spanner to remove and replace/refit the .62 size jet. It is advisable to use a 14mm spanner on the nut when tightening up the jet.

To remove the grill pipe from the grill gas valve unscrew the nut with a 10mm spanner before removing the cir-clip.





New Grill Burner Injector

To replace or refit the cir-clip simply line it up in with the gap between the brass injector housing and the injector bracket with the two 'prongs' pointing upward. Once you are happy the cir-clip is positioned correctly push up with your thumb.





Changeover on all appliances occurred around the middle of October 2009.

APPLIANCE	MODEL	SERIAL NUMBER EFFECTIVE FROM
Caprice Mk3	SOH72000	2009057128
Caprice Mk3	SOH73000	2009057257
Caprice Mk3	SOH74000	2009061496
Midi Prima Mk3	SOP70000	2009056465
Aspire	SCK12980	2009045371
Aspire	SCK13000	2009045270
Duplex	SOG70000	2009063759
Triplex	SOH70000	2009061446
Minigrill	SHG72983	2009061556
Enigma	SOH46000	2009060806
Caprice Oven 445	SOV70780	2009065722
Prima 600	SOP76000	2009063961

Thank you

for your
attention



Thetford Ltd
19 Oakham Drive
Parkwood Industrial Estate
SHEFFIELD
S3 9QX
Phone: +44 (0)114 2738157
Fax: +44 (0)114 2753094
www.thetford.eu

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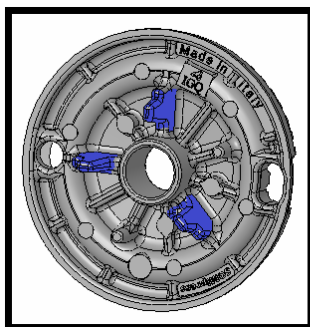


INFORMATION CIRCULAR
HOB BURNERS – CORRECT ASSEMBLY

Thetford appliances utilise high efficiency type hob burners which will provide many years service. After cleaning burner parts it is important to correctly reassemble otherwise the performance will be degraded. Incorrect reassembly is equivalent to operating in an abuse situation and may lead to damage. The following details correct assembly method.

1. Locate the three legs on the burner crown into the three grooves of the burner cup (parts coloured blue below)

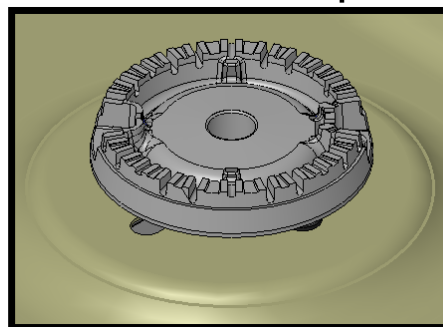
Burner Crown



Burner Cup

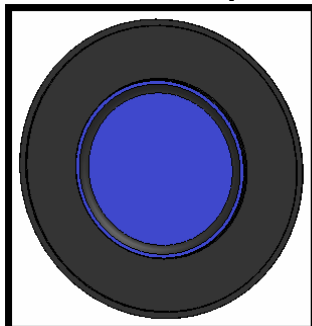


Correct assembled parts

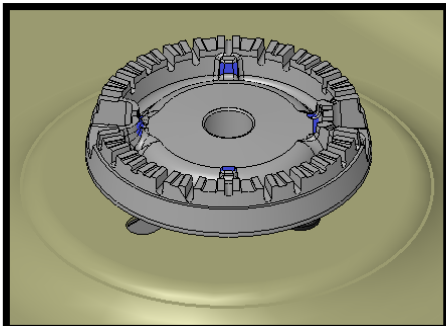


2. Locate spigot on underside of the burner cap, centrally between the four standoff's in the top of the burner crown (parts coloured blue below). After assembly check visually the cap is seated central and level on the burner crown.

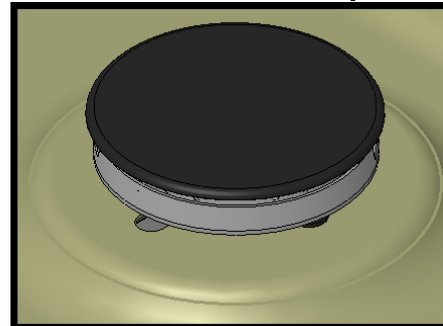
Burner Cap



Burner Crown



Correct assembled parts

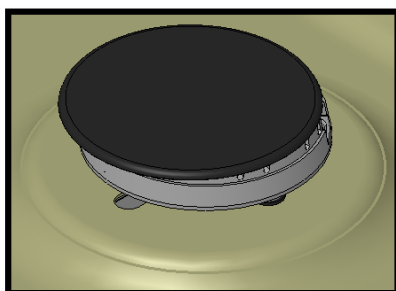


To check the assembly:-

Light the burner and adjust to full rate. The flames should burn quietly and be well defined on each of the burner ports as shown opposite.



Poor location of burner cap – shown opposite will result in poor defined flames and/or noise from the burner. In either situation turn off and rectify.





CARE INSTRUCTIONS – STAINLESS SINK

Stainless sinks need little maintenance other than cleaning immediately after use. Most deposits can be removed by washing with soap or mild detergent and hot water, followed by a clean water rinse and drying with a soft cloth to prevent water spotting.

For more tenacious deposits a non-abrasive multi-purpose cream cleaner such as CIF should be used, followed by a clean water rinse and drying.

Tannin stains can be removed by a solution of washing soda and water applied with a soft cloth/sponge followed by a clean water rinse to remove any residues and drying with a soft cloth.

Scratching will be most noticeable on highly polished components. These marks are usually only superficial and can be removed with a proprietary stainless steel cleaner/polish. A useful alternative is a car paint restorer, such as 'T-Cut'. If the surface has a directional polished grain always clean along the grain and not across it.

Always avoid bleach and trigger dispense products and never use wire wool or leave wet cloths, pads or containers on the surface as they may form water marks.

Important

To preserve the appearance of your appliance we recommend plastic bowls or mats are not stored in the sink. Particularly when towing as vehicle movement may cause the plastic bowl to vibrate/rub against the surface and mark.

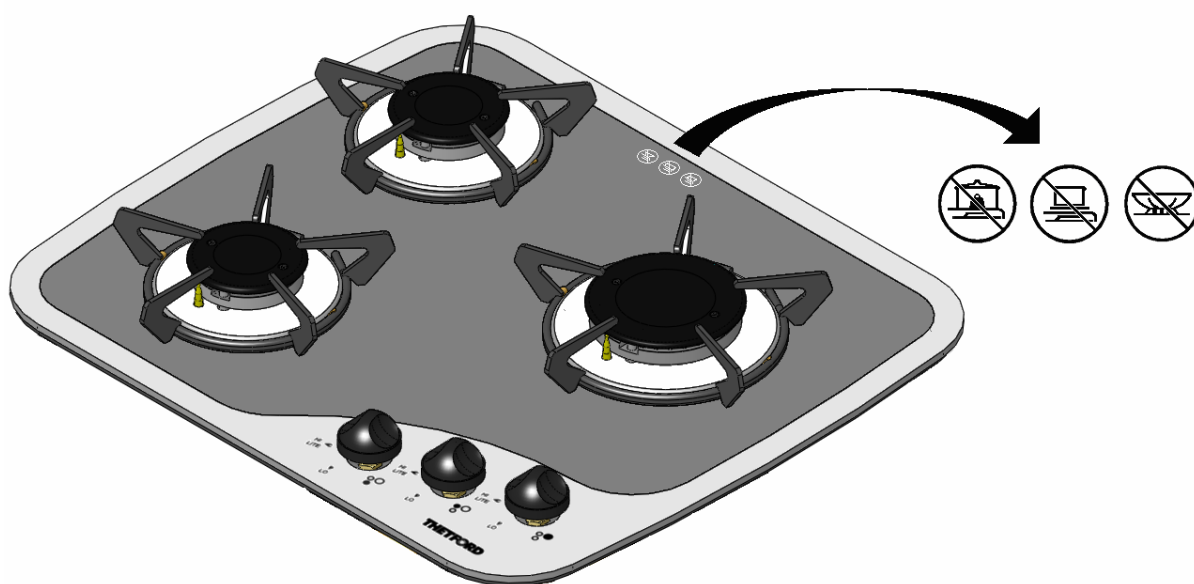
THETFORD LTD, UNIT 19 OAKHAM DRIVE
PARKWOOD INDUSTRIAL ESTATE
RUTLAND ROAD
SHEFFIELD S3 9QY
TEL: 0114 273 8157 FAX: 0114 275 3094



INFORMATION CIRCULAR

As part of our ongoing commitment to product improvement and to ensure our appliances continue to meet standards world wide, we are adopting universal safety symbols on all our glass top hobs. An example can be seen below.

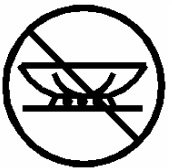
The safety symbols will be introduced on each model when existing stock is exhausted. We would like to reassure you that these changes will not affect the present or future appliance certification status.



Do not use large pots or heavy weights which can bend the pan support or deflect flame onto the hotplate



Do not place anything, e.g. flame tamer, asbestos mat, between pan and pan support as serious damage to the appliance may result



Do not remove the pan support and enclose the burner with a wok stand as this will concentrate and deflect heat onto the hotplate

**THETFORD LTD, UNIT 19 OAKHAM DRIVE
PARKWOOD INDUSTRIAL ESTATE, RUTLAND ROAD
SHEFFIELD S3 9QY
TEL: 0114 273 8157 FAX: 0114 275 3094**

Service Engineer Document: **Hob burner extinguishing immediately after the** **control knob has been released**

Complaint

If a customer has reported that a hob burner can be ignited, but then extinguishes as soon as the control knob has been released. This is normally caused by one of three problems;

- 1) The shut off switch has failed safe.
- 2) The thermocouple circuit is shorting, (i.e. become trapped).
- 3) The Magneto (solenoid in the gas tap) is not engaging correctly.

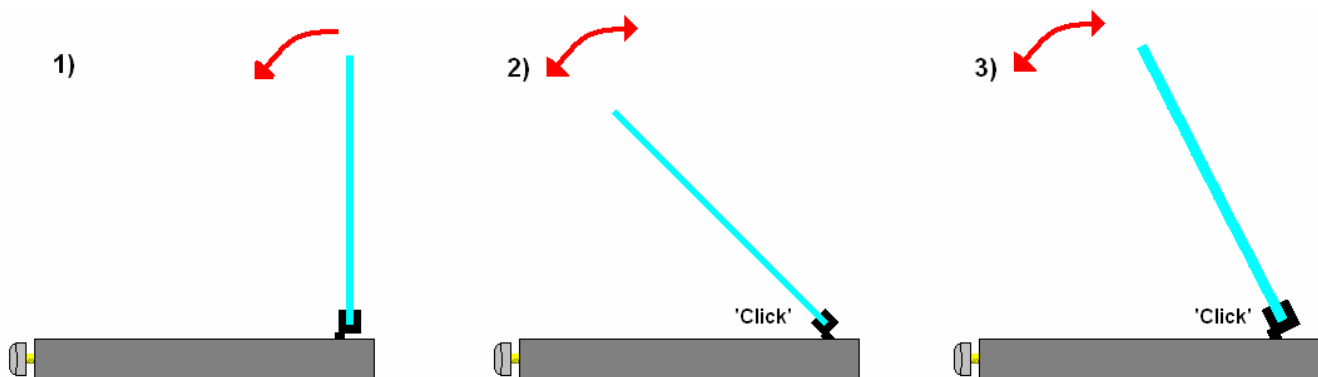
Possible Fault One – Shutoff system

The shutoff system is designed to fail safe. If one or more burners will not stay lit, it is perfectly safe to use the working burners until the system has been rectified.

Solving the complaint

Step one – For the customer to try.

The first step is for the customer to slowly close the glass lid until the switches can be heard to be activated. This should occur around 45 degrees. Once the activation position has been established the lid should be moved back and forth slowly to open and shut the switches repeatedly five to ten times, as shown below;

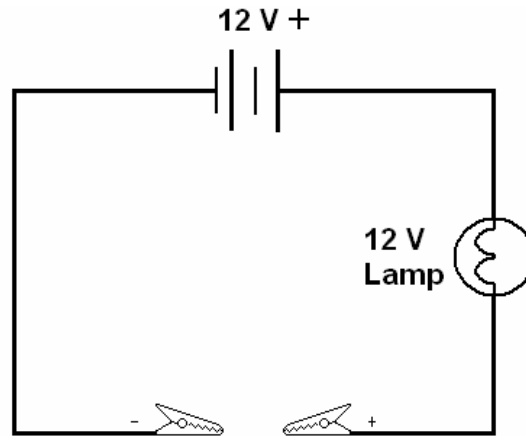


If the fault continues please move to step two.

Step two – Only to be conducted by a competently trained person.

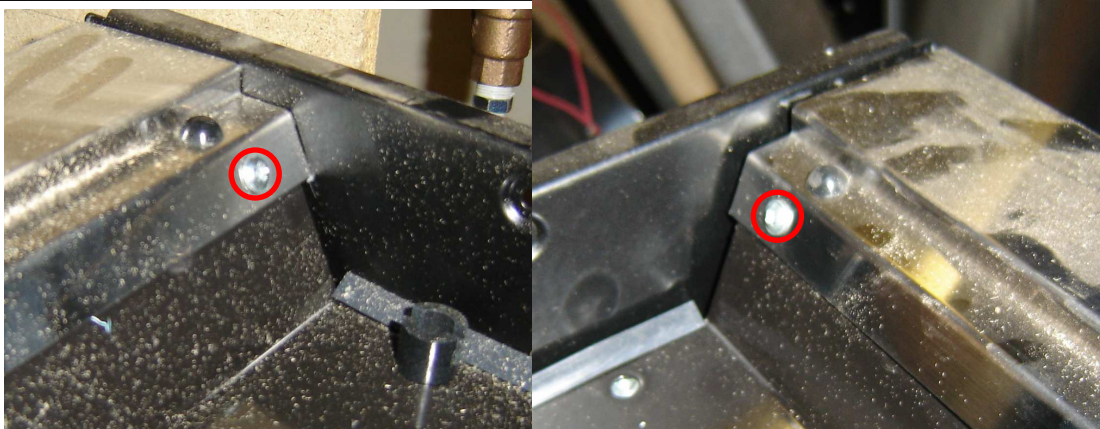
Tools required:

- Philips head screw driver
- A 16mm, deep socket and wrench
- Needle nosed pliers
- The test circuit detailed below, available from Thetford if required.



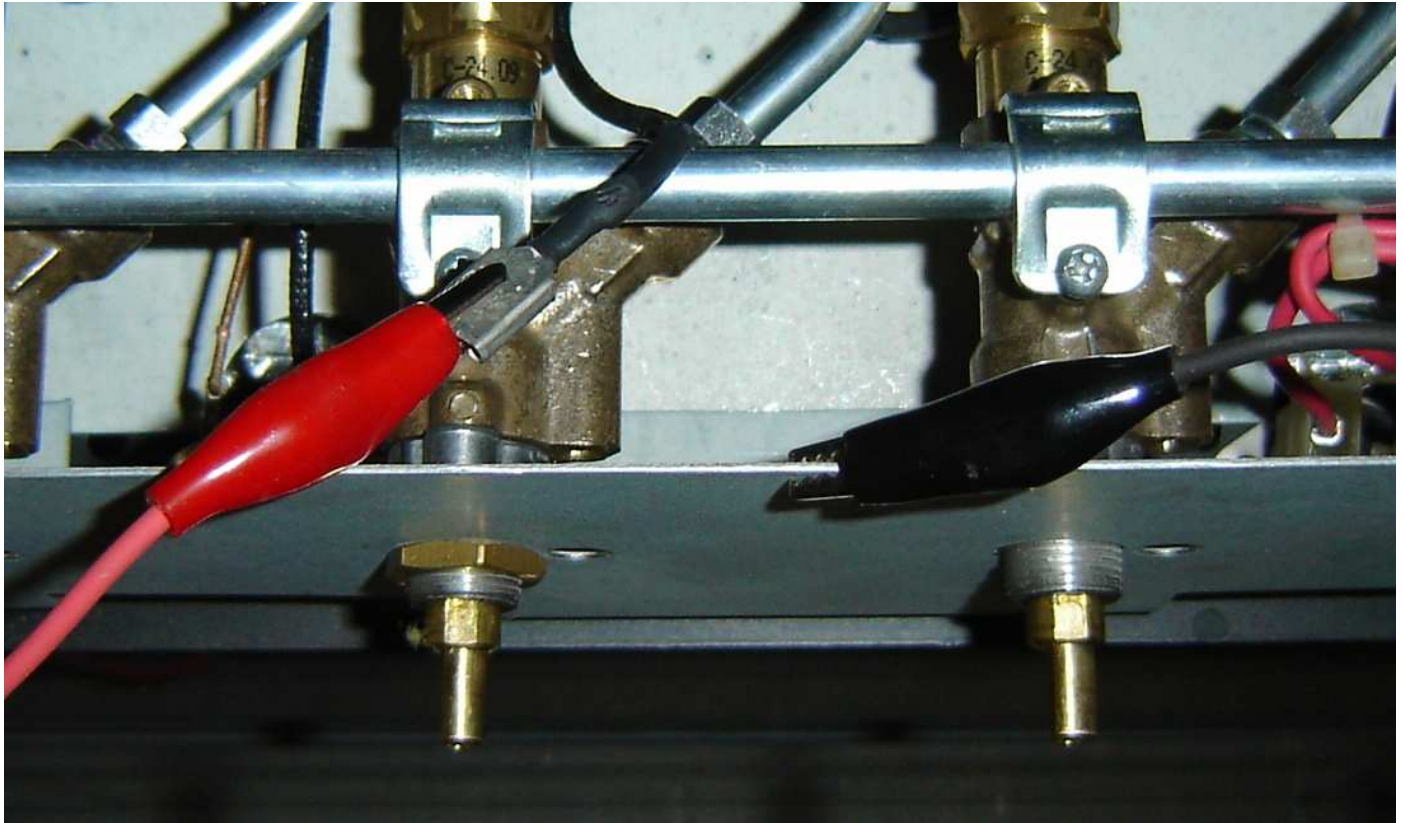
Before starting work on the appliance, please ensure the gas supply has been isolated at the bottle and the system drained of gas. The 240V plug is normally situated below or in a cupboard next to the appliance and must be removed.

Once the appliance is safe to work on, remove all the control knobs and the fixings retaining the fascia, normally situated as shown in the photos below. Be careful not to catch the 12V spark ignition wire connected to the ignition button as you remove the fascia.



Additional instructions on how to remove the fascia are available on the Thetford extranet at; <http://www.thetford.nl/web/show/id=127200/langid=42> if required. Look for 'Cooking Appliances', 'Service Procedures' then the appropriate appliance (e.g. Aspire or Enigma range). If you are unable to access the internet, please contact our customer service team.

Once the fascia has been removed, disconnect the suspected thermocouple wire from the back of the gas tap, using the needle nosed pliers. Connect the positive crocodile clip, on the side of the light, to the thermocouple spade connector and the other side to the fascia backing plate, as shown below.



Using the technique described in step one, open and shut the glass lid five to ten times. You should see the light flash on and off as you do it. Disconnect the circuit and reconnect the thermocouple to the tap. Replace the fascia and fixings. Reconnect the 240V and the gas supply. Then test the burner to ensure it now functions correctly.

If the fault continues please move to possible fault two.

Possible Fault two – Trapped thermocouple

If the burner still does not function correctly the thermocouple may be trapped. To solve this problem the hob pressing must be removed and the thermocouple routing followed to ensure it is not being short circuited onto the appliance frame. A new thermocouple may be required.

Solving the complaint

For instruction on how to remove the pressing, please log into the Thetford extranet at; <http://www.thetford.nl/web/show/id=127200/langid=42> and look for 'Cooking Appliances', 'Service Procedures' then 'Aspire Cooker'. If you are unable to access the internet, please contact our customer service team.

If the fault continues please move to possible fault three.

Possible Fault three – Faulty Magneto

If the above steps have not solved the problem, the magneto inside the gas tap may be the root cause. To solve this problem the gas tap itself must be changed.

Solving the complaint

Before starting work on the appliance, please ensure the gas supply has been isolated at the bottle and the system drained of gas. The 240V plug is normally situated below or in a cupboard next to the appliance and must be removed.

To remove the fascia and the pressing, if required, please refer to the instruction detailed in the steps above. Once you have gained sufficient access to the gas tap in question follow the steps below.

- 1) Disconnect the thermocouple lead from the back of the tap by pulling the spade connector off.
- 2) Disconnect the burner pipe on the side of the tap.
- 3) Remove the saddle clip fixing the tap to the manifold rail, situated on top of the tap. The tap is now free to be removed.
- 4) Replace the removed tap with a new one and follow the steps below to reconnect it.
- 5) Replace the saddle clip fixing the tap to the manifold rail, situated on top of the tap.
- 6) Reconnect the burner pipe on the side of the tap.
- 7) Reconnect the thermocouple lead from the back of the tap by pushing the spade connector on.

Once the pressing, if it was removed and the fascia have been reconnected, a soundness or tightness test must be performed on all burners using air. This is done to ensure the appliance is safe before reconnecting the gas and electrical supplies. Complete by testing the appliance now function correctly before handing it back to the customer.

If the above steps have not solved the problem, please contact the Thetford customer service team using the details below;

Unit 19
Parkwood Industrial Estate
Oakham Drive
Sheffield, South Yorkshire
S3 9QX, England
Tel.: +44 (0)114 273 8157
Fax: +44 (0)114 275 3094
E-mail: info@thetford.eu