



**2 BURNER GAS HOB OPTION (FFD)
(For use in 4 Oven AGA Cookers Only)**

*Servicing
Instructions*

LEAVE WITH CUSTOMER

THIS PRODUCT IS NOT RETROFITABLE

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THIS APPLIANCE

CE For use in GB and IE

09/10 EINS 512088

For continued safe and efficient operation of the hob, it is important that servicing is carried out at regular intervals as recommended by your AGA Distributor or Local Gas Region, once every 12 months. The AGA Cooker should be turned OFF by the User the night preceding the day of servicing so that the appliance will have cooled down by the following morning.

A HOT APPLIANCE CANNOT BE SERVICED.

DISCONNECT FROM ELECTRICITY SUPPLY BEFORE SERVICING.

WHEN RE-WIRING ANY ELECTRICAL COMPONENTS, REFER TO CIRCUIT DIAGRAM FIG.9. BEFORE ELECTRICAL RE-CONNECTION, CHECK THAT THE APPLIANCE IS ELECTRICALLY SAFE.

NOTE: TURN OFF GAS SUPPLY TO HOB BEFORE SERVICING ANY GAS CARRYING COMPONENTS. ALWAYS CHECK APPLIANCE FOR GAS TIGHTNESS AFTER COMPLETION.

A. REMOVAL OF HOB SURFACE PLATE GLASS

1. Disconnect from electricity supply.
2. Remove pan support and both burner cap assemblies.
3. Pull off both control knobs.
4. Remove the two fixing discs and gaskets by removing the four (M3) fitting screws (2 from each burner). (See Fig. 1).

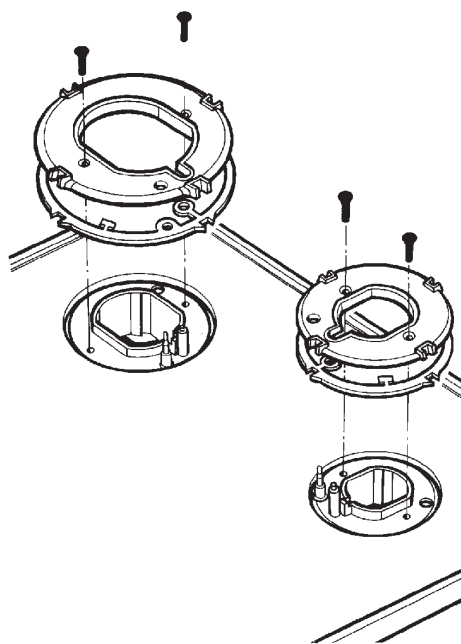


Fig. 1

DESN 513604

5. Remove the three fixing screws which secure the hob surface plate (See Fig. 2).

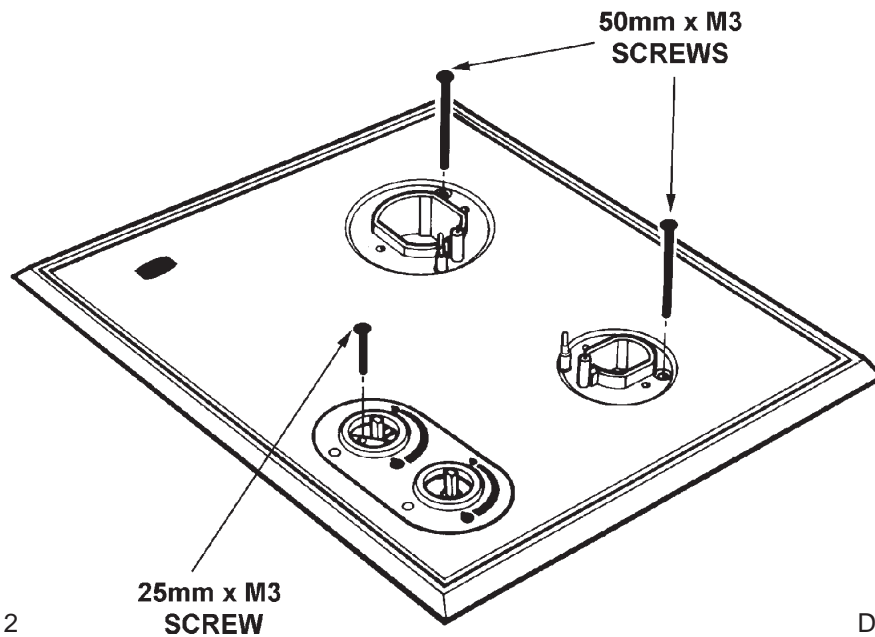


Fig. 2

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Note, the two 50mm M3 screws are removed through clearance holes in the spring plates, visible through each burner aperture. The 25mm M3 screw to be removed is visible through the rear control aperture.

Carefully lift off hob surface plate from hob chassis. Note the two spring plates are loosely held in place by the triangular plates attached to the underside of the hob surface plate framework.

Note: There is a seal between the hob surface plate glass framework and the hotcupboard top plate. Check condition of sealing strips and replace as necessary.

6. Re-assemble in reverse order, but note the following:-

When replacing the hob surface plate (See Fig. 3), note the spark electrode position of each burner and rotate the spring plates into approximately the appropriate position, as shown.

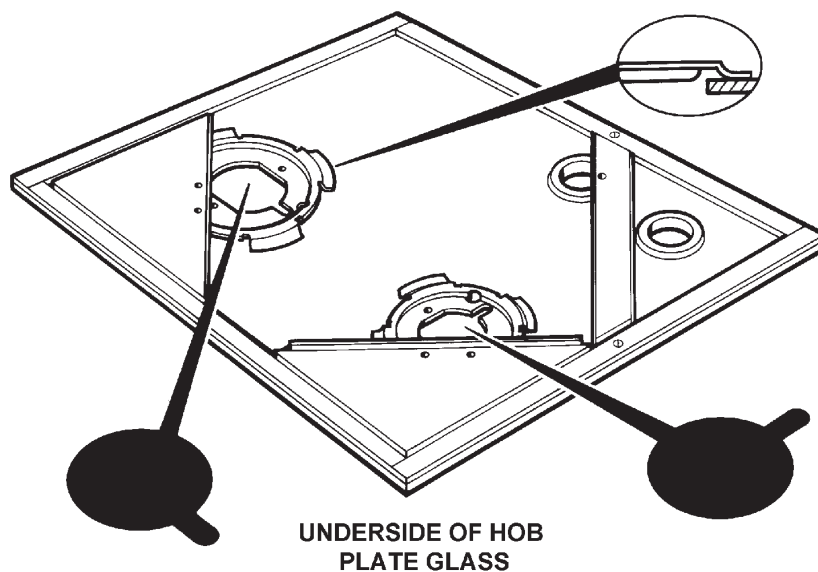


Fig. 3

DESN 513602

Lower the hob surface gently over the hob chassis. Adjust the spring plates until they fit accurately over each burner. Ensure that the burners are central in the holes in the glass. Tighten the three screws until the hob surface plate is adequately secure to ensure a seal all round. **DO NOT OVERTIGHTEN.**

IMPORTANT NOTE: When assembling hob plate glass ensure that grommets around tap holes **DO NOT** foul (push down) micro-switches on tap spindles.

Before re-assembling the fixing discs; note that the fixing disc gaskets must be correctly located to the underside of the fixing discs, as shown. (See Fig. 4).

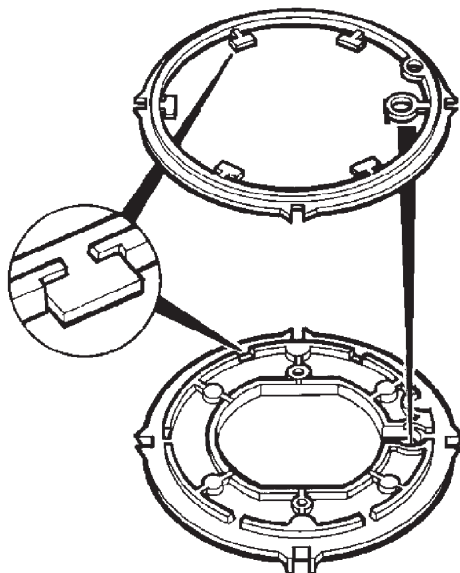


Fig. 4

DESN 512055

When re-assembling the two fixing discs to the hob, you will notice that the burner bowls move upwards toward the glass surface as the screws are tightened. To ensure that the burner bowls are lifted evenly, it is recommended that the screws be tightened in turn, rotating not more than two turns at a time, until tight.

B. TO CHANGE IGNITION GENERATOR

1. Disconnect from electricity supply.
2. Remove hob surface plate glass (See Section A).
3. Carefully remove all wiring from ignition generator.
4. Remove the two screws retaining the generator to the hob chassis (See Fig. 5), and remove generator.

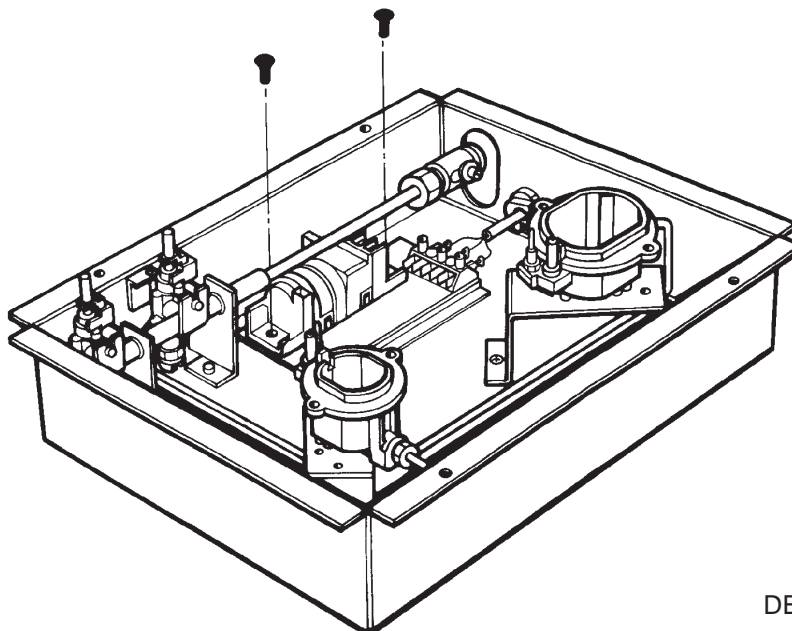


Fig. 5

DESN 513600

5. Fit new generator and re-wire as circuit diagram. (See Fig. 9).
6. Re-assemble in reverse order, and check operation of ignition to both hob burners.

C. TO CHANGE HOB GAS TAP/IGNITION SWITCHES

1. Disconnect from electricity supply.
2. Remove hob surface plate glass (See Section A).
3. Turn gas service cock to the **OFF** position.
4. Disconnect ignition switches from taps, pull off carefully, also disconnect thermocouple connection.
5. Disconnect gas joint (on inside of service cock) (See Fig. 6). Also disconnect gas supply pipes from both burner bowls.

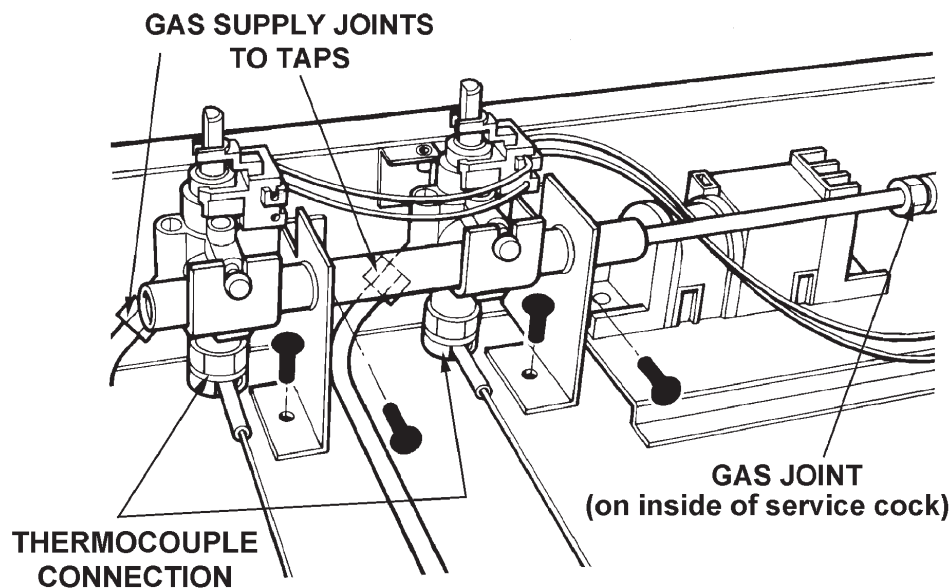


Fig. 6

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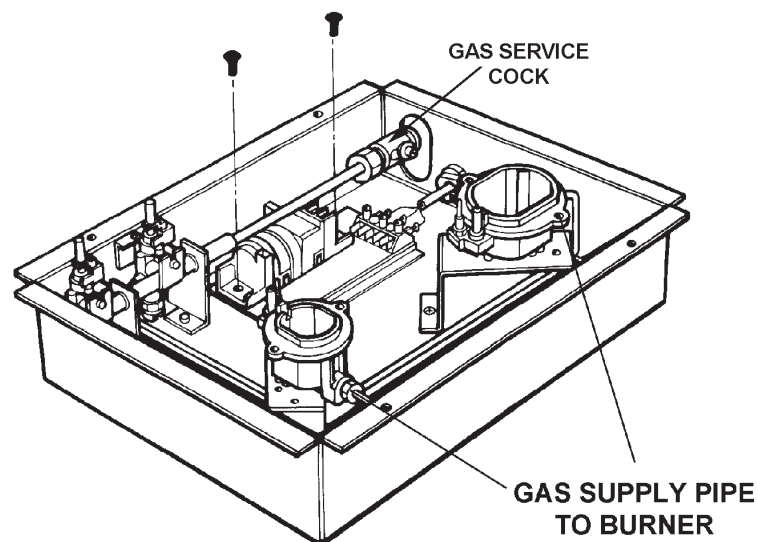


Fig. 6A

DESN 513607

6. Remove four screws from gas rail support brackets. (See Fig. 6)
7. Carefully raise gas rail/tap assembly to gain access to gas supply joints to taps.
8. Carefully disconnect supply pipe from appropriate tap (taking care not to disturb gas supply pipes).
9. Remove the bolt and clamp fixing to gas rail and withdraw tap from gas rail. (See Fig. 7)
NOTE: There is a sealing 'O' ring between the tap and the gas rail. Transfer the sealing ring on to the new tap before re-assembly.

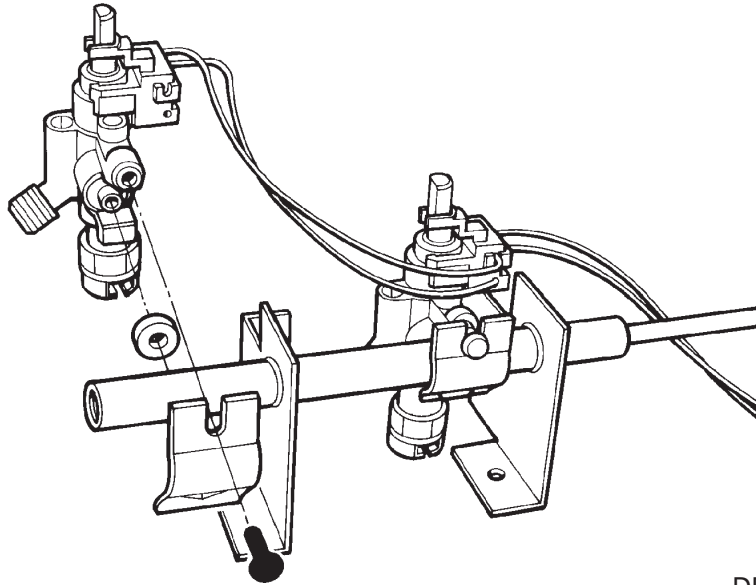


Fig. 7

DESN 513598

10. Re-assemble in reverse order, ensuring that the sealing ring is correctly located between the new tap and the gas rail. Re-wire tap switches as circuit diagram. (See Fig. 9).
11. When all gas joints have been made, turn gas supply cock, back to 'ON' position. Check for gas tightness **BEFORE** re-fitting hob surface plate.
12. When re-assembled, check for correct operation of tap/tap ignition switches.

D. TO CHANGE IGNITION ELECTRODE

1. Disconnect from electricity supply.
2. Remove hob surface plate. (See Section 'A').
3. Disconnect the electrode cable from the ignition generator.
4. Remove spring clip retaining electrode to burner body (See Fig. 8) and remove electrode and cable.

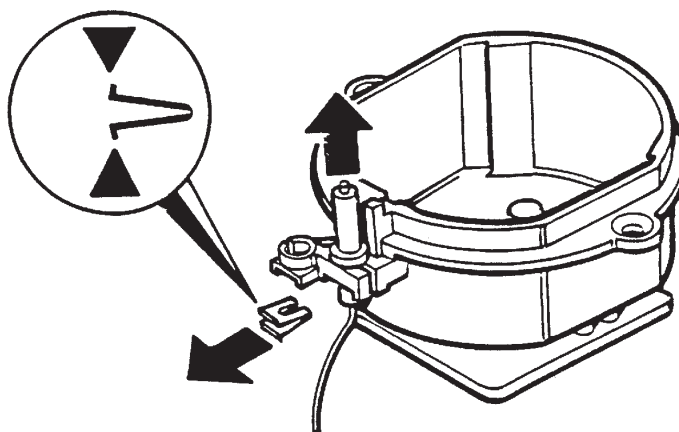


Fig. 8

DESN 511649

5. Replace with new electrode, ensuring spring clip is correctly located into burner bowl.
6. Re-assemble in reverse order and check operation of the ignition to the hob burners.

E. TO REMOVE THERMOCOUPLE (SEE FIG. 9)

1. Disconnect from electricity supply.
2. Remove hob surface plate (see section 'A').
3. Undo the nut fixing the thermocouple to the burner body.
4. Push the thermocouple down and slide to the side to remove from burner.
5. Disconnect the other end of the thermocouple cable from gas tap. (This is a push-on electrical terminal).
6. Re-assemble in reverse order.

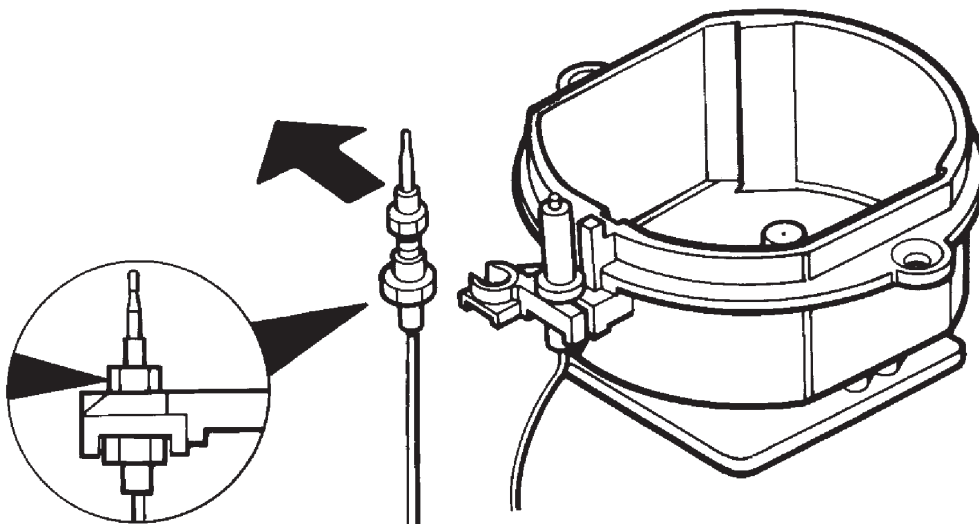


Fig. 9

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WIRING DIAGRAM - 2 BURNER GAS HOB OPTION

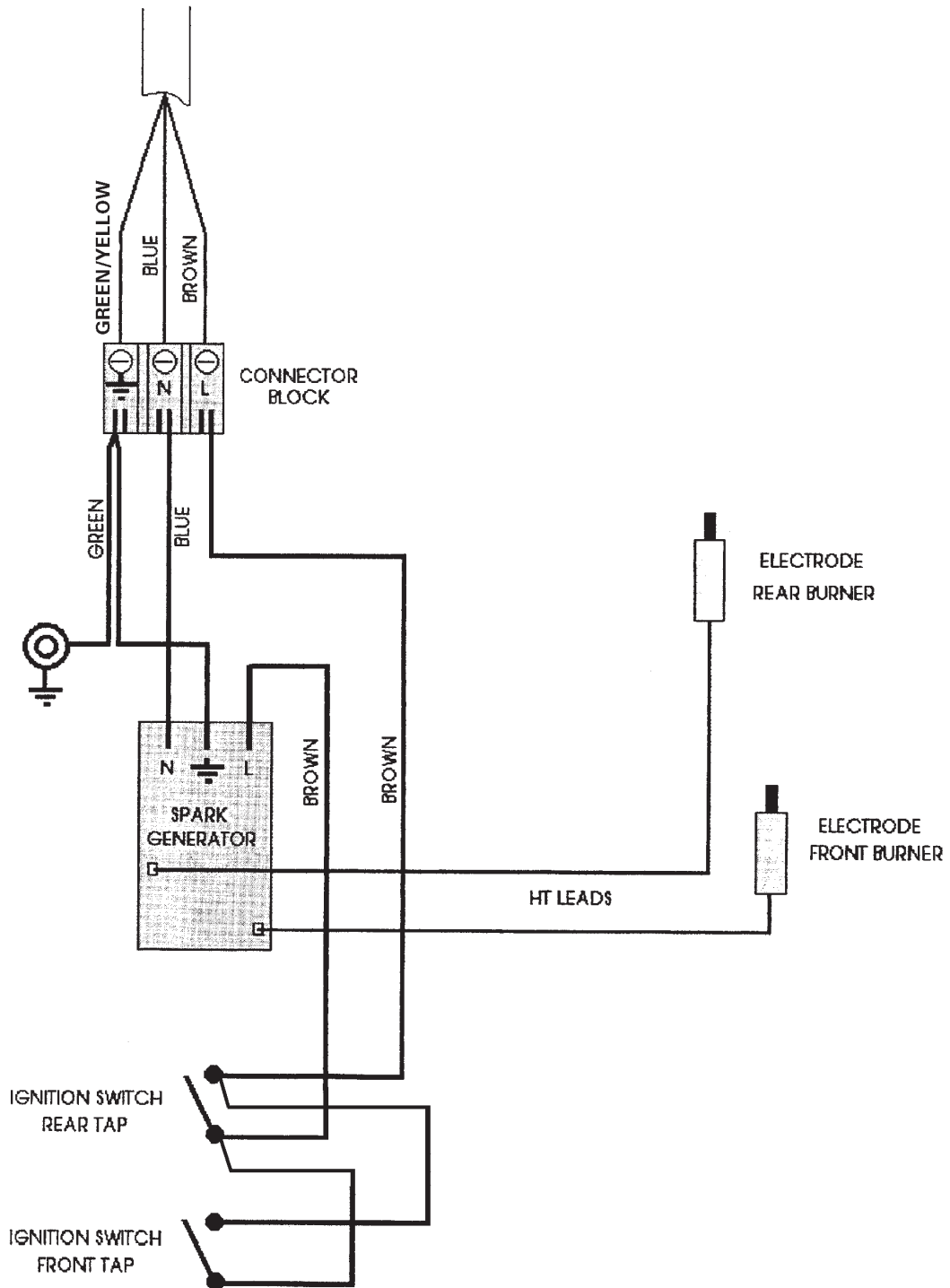


Fig. 10

**For further advice or information contact
your local AGA Specialist**

With AGA's policy of continuous product improvement, the Company reserves the right to change specifications and make modifications to the appliance described and illustrated at any time.



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