

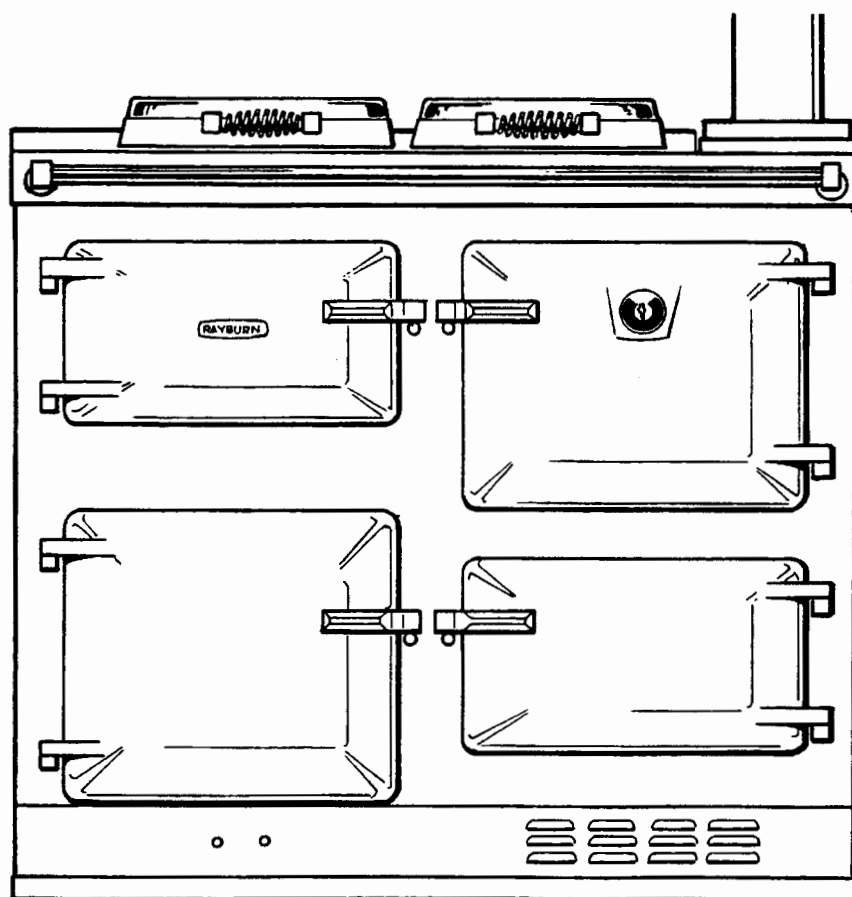


Home on the Range.

460/480/499G

Servicing Instructions

For use in GB and IE



DESN 511593

PLEASE READ THESE INSTRUCTIONS BEFORE SERVICING THIS APPLIANCE

WARNING

This information is a copy of an original archive,
therefore Aga-Rangemaster cannot be held
responsible for its continued accuracy or relevance

Consumer Protection

As manufacturers and suppliers of cooking and heating products. We take every care to ensure as far as is reasonably practical, that these products are so designed and constructed as to meet the general safety requirement when properly used and installed. To this end, our products are thoroughly tested and examined before despatch.

IMPORTANT NOTICE: Any alteration that is not approved by Aga-Rayburn could invalidate the approval of the appliance, operation of the warranty and could affect your statutory rights.

Health & Safety

This appliance may contain some of the materials that are indicated. It is the Users/Installers responsibility to ensure that the necessary protective clothing is worn when handling where applicable, the pertinent parts that contain any of the listed materials that could be interpreted as being injurious to health and safety, see below for information.

Firebricks, Fuel beds, Artificial Fuels

When handling use disposable gloves.

Fire cement

When handling use disposable gloves.

Glues and Sealants

Exercise caution - if these are still in liquid form use face mask and disposable gloves.

Glass Yarn, Mineral Wool, Insulation Pads, Ceramic Fibre

May be harmful if inhaled. May be irritating to skin, eyes, nose and throat. When handling avoid contact with skin or eyes. Use disposable gloves, face-masks and eye protection. After handling wash hands and other exposed parts. When disposing of the product, reduce dust with water spray, ensure that parts are securely wrapped.

NOTE: SMOKE/SMELL EMITTED DURING INITIAL USAGE

Some parts of the cooker have been coated with a light covering of protective oil. During initial operation of the cooker, this may cause smoke/smell to be emitted and is normal and not a fault with the appliance, it is therefore advisable to open doors and or windows to allow for ventilation. Lift the lids to prevent staining the linings.

INTRODUCTION

To ensure the best performance from your Rayburn it should be serviced once a year, preferably at the start of the heating season by a registered heating installer.

The appliance cannot be serviced whilst hot, so both oven and boiler thermostats should be turned off on the evening before the service visit.

In your own interest, and that of safety to comply with the law, all gas appliance must be installed/maintained by a competent person, in accordance with the current gas safety (installation and use) regulations.

Failure to install / maintain appliances correctly could lead to prosecution.

On completion, test the gas installation for soundness.

SERVICE SCHEDULE

Annual Service

BURNER REMOVAL - for cleaning and inspection.

CLEANING - Boiler heat exchanger flueways, oven and hotplate flueways together with ceramic fibre burner chambers.

BURNER SERVICING

RE-COMMISSIONING

REPLACEMENT PARTS

Burner Removal

PREPARATION

WARNING: BEFORE REMOVING SERVICE ACCESS COVERS OR THE BURNERS ENSURE THAT ALL ELECTRICAL SUPPLIES TO THE APPLIANCE HAVE BEEN ISOLATED.

BURNER ACCESS

SEE FIG. 1

1. Open up the bottom burner access door. Remove door and put in a safe place.
2. Remove 2 inner panel securing screws and remove panel.
3. Remove the 3 plinth securing screws and remove plinth.

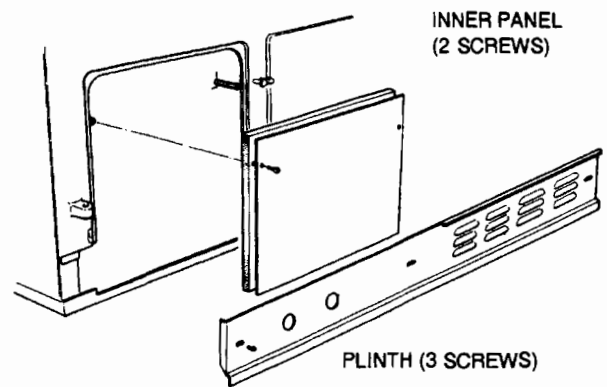


FIG. 1

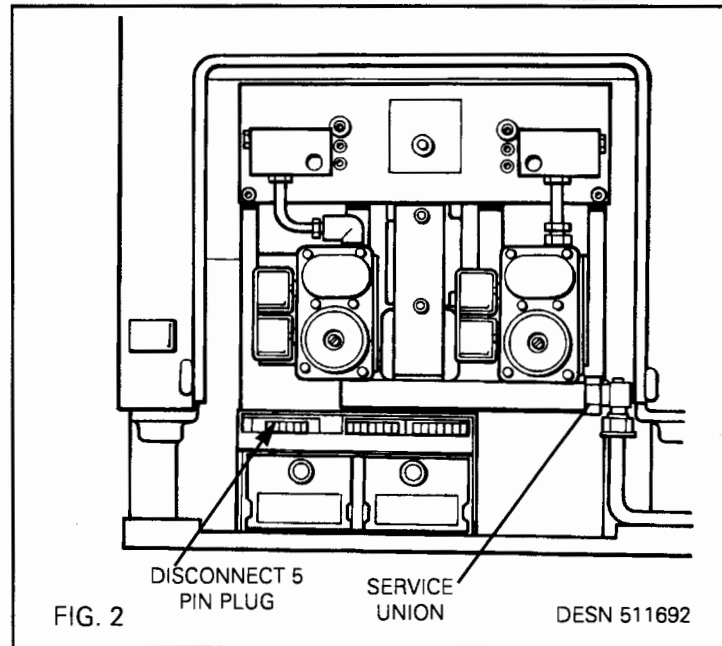
DESN 511578

BURNER REMOVAL

IMPORTANT: DURING BURNER REMOVAL CARE MUST BE TAKEN NOT TO DAMAGE THE CERAMIC FIBRE INSULATION.

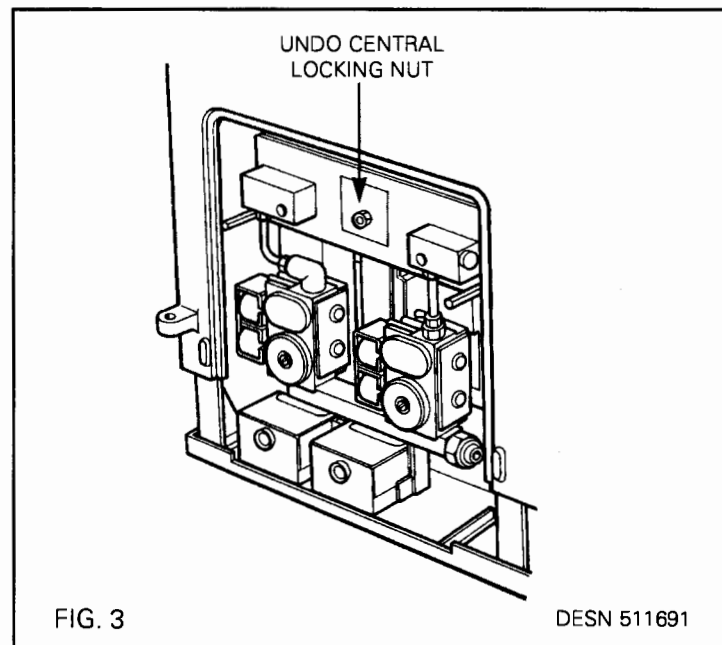
SEE FIG. 2

1. Turn off gas cock.
2. Break service union connection.
3. Disconnect the 5-pin plug underneath the burner.



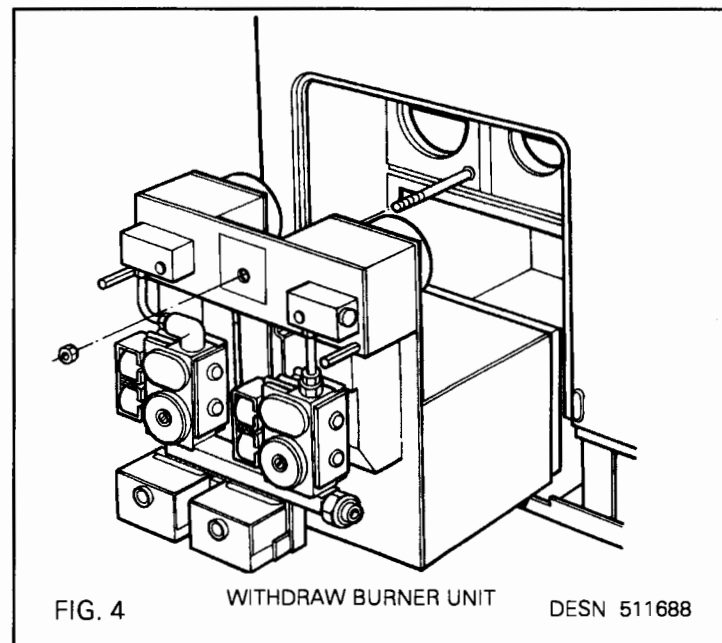
SEE FIG. 3

3. Undo the burner central locking nut.



SEE FIG. 4

4. Withdraw the burner unit.



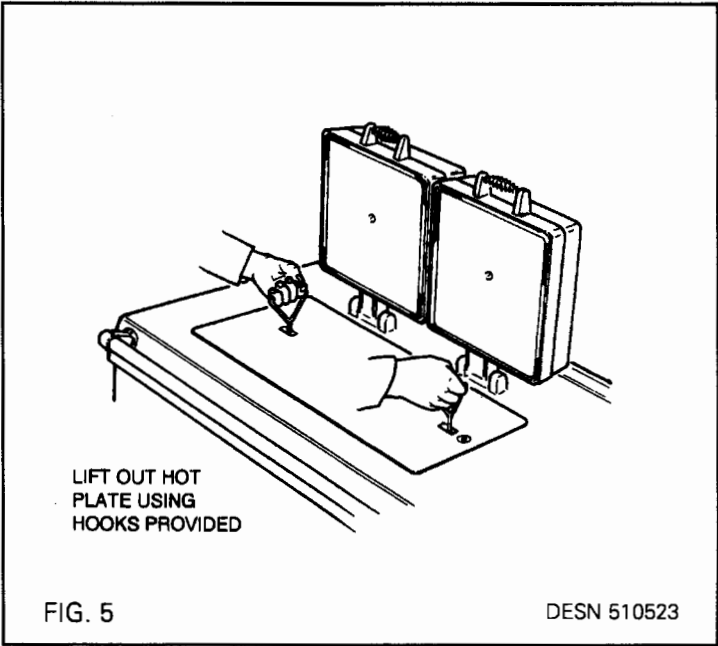
Cleaning

HEAT EXCHANGER CLEANING

IMPORTANT: DURING CLEANING CARE MUST BE TAKEN NOT TO DAMAGE THE CERAMIC FIBRE INSULATION.

SEE FIG. 5

- 1. Lift insulation covers and remove hotplate using lifting hooks provided.



SEE FIG. 6

- 2. Remove the 4 flue cleaning access door securing bolts and remove door.
- 3. Using the rods provided remove the boiler flueway baffles from between the boiler cross waterways.

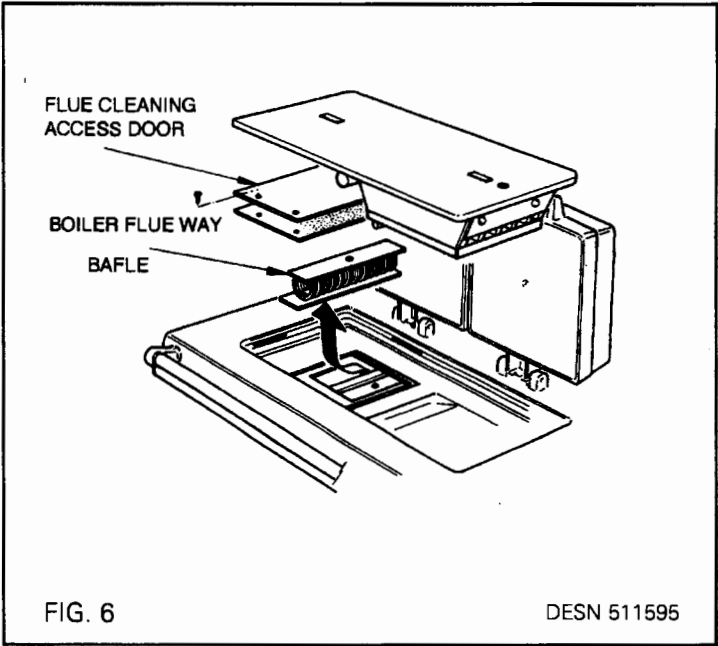
NOTE: Lowest baffles are stainless steel and must be kept in this position, when re-assembling.

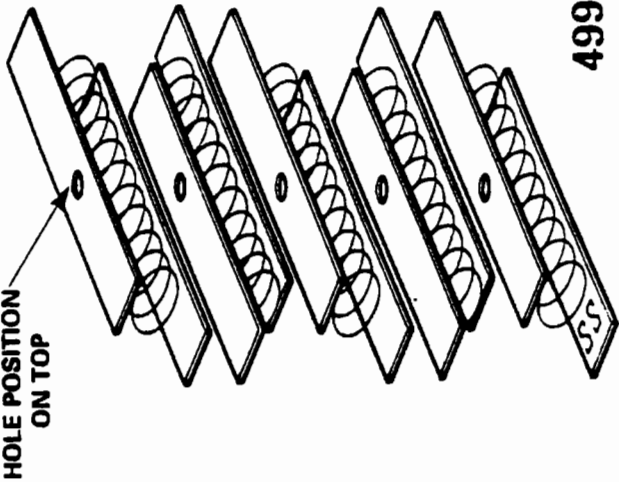
They are assembled in alternate directions to allow the gases to flow front to back through the assembly.

Each heat exchanger has two rows of baffles.

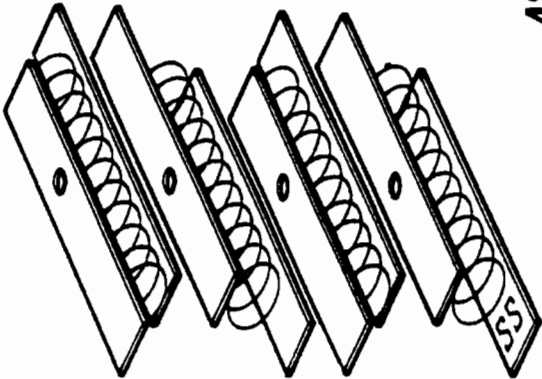
Total number of baffles fitted:-

460 =	6	(2 x 3)
480 =	8	(2 x 4)
499 =	10	(2 x 5)

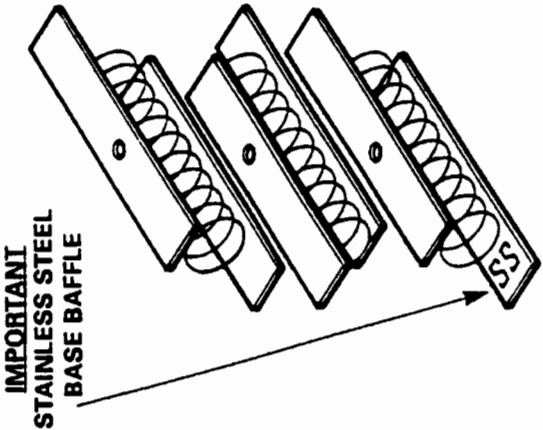




499



480



460

ALL BAFFLES MUST BE STACKED AS DIAGRAMS BELOW

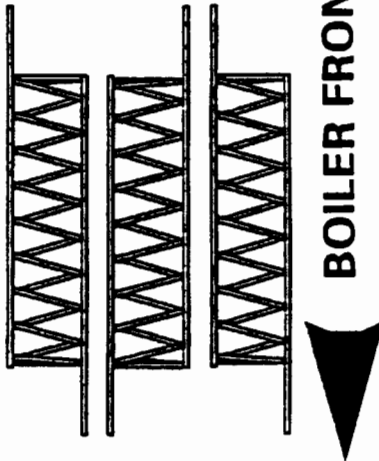
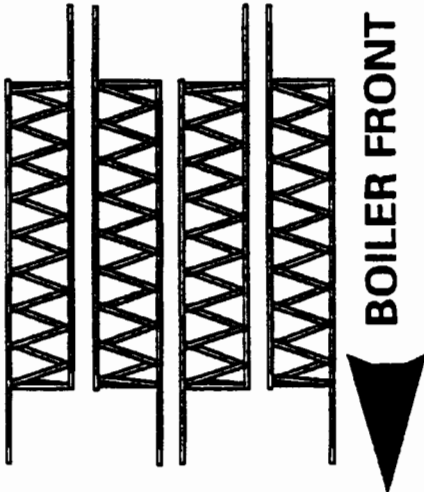
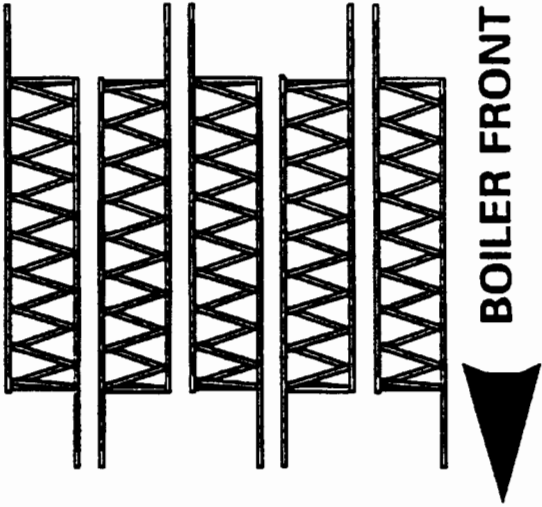


FIG. 6A

Cleaning

SEE FIG. 7

4. Lift top plate enamelled cover panel (behind LH insulating cover) remove insulation pad and sealing plate.
5. Clean the boiler outlet flueway if necessary.
6. Thoroughly clean boiler heat exchanger flueway.
7. Carefully vacuum any debris that has fallen down into the burner chamber.
8. Clean and replace boiler flueway baffles as shown in (Fig. 6A). Locate boiler flue access door, secure.
9. Replace sealing plate, insulation pad and cover panel.

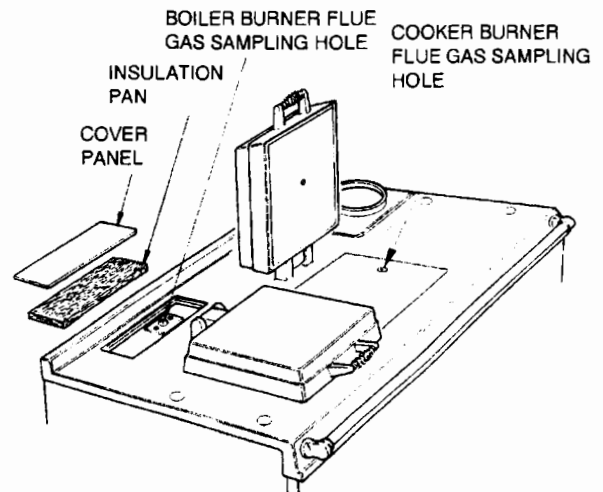


FIG. 7

DESN 511596

INTRODUCTION

It is recommended that each burner is serviced individually so as not to get the components from the two burners mixed up.

BURNER HEAD CLEANING

1. Clean heads with soft brush and inspect for damage or wear.

Ignitor electrode and flame probe ceramics should be inspected for signs of cracking. Replace as necessary.

- See Page 20.

FAN CLEANING

SEE REPLACEMENTS OF PARTS SECTION
(FAN MOTOR)

1. Clean between the blades of the fan impeller with a small brush and tip upside down to remove any residue.
2. Spin the motor to make sure that it turns easily.

REASSEMBLE BURNER

Re-assemble the burner in reverse order.

NOTE: Burner head gaskets should be renewed at each service.

Re-Commissioning

TEST BURNERS ON DRY RUN (NO GAS)

SEE FIG. 8

Switch on electricity supply

BOILER BURNER

Set boiler burner time clock to continuous and turn the boiler thermostat to max. allowing the burner to start, the burner should go to lockout after the expiry of the ignition safety time. Lockout is indicated by red light illumination of the control box reset buttons. **IN THE EVENT OF LOCKOUT WAIT AT LEAST ONE MINUTE** then press the reset button.

COOKER BURNER

Follow procedure as above for boiler burner.

BOILER BURNER

Reset the control box, open the gas inlet cock, allowing the burner to restart.

When the burner is in 'run' condition close the inlet gas cock. When the flame is extinguished the gas valves solenoids on the burner should be de-energised almost immediately.

The control will then allow one restart attempt and should go to lockout after the expiry of the safety time.

COOKER BURNER

Repeat procedures as above for boiler burner.

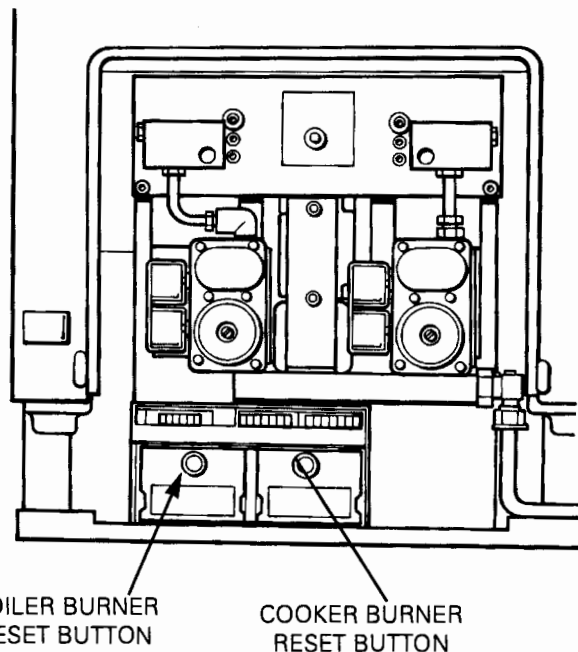


FIG. 8

DESN 5116

SET COMBUSTION AIR

SEE FIG. 9

BOILER BURNER

Turn on the boiler burner. After 15 minutes of the boiler burner running remove the enamelled top cover panel and the insulation pad.

Remove the plugging screw and insert the sensing end of a portable indicator to check the CO₂ (Carbon Dioxide) level. Adjust the boiler burner air control until the CO₂/CO are as specified.

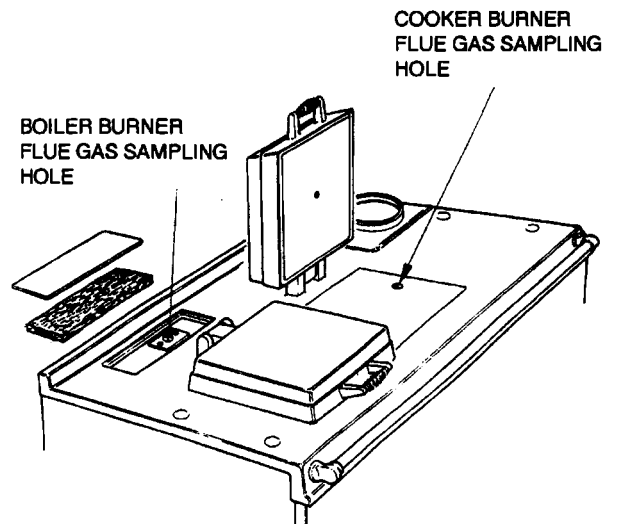
CO%	93ppm (MAX)
CO ₂ %	8.5 - 9.0

Cooker Burner

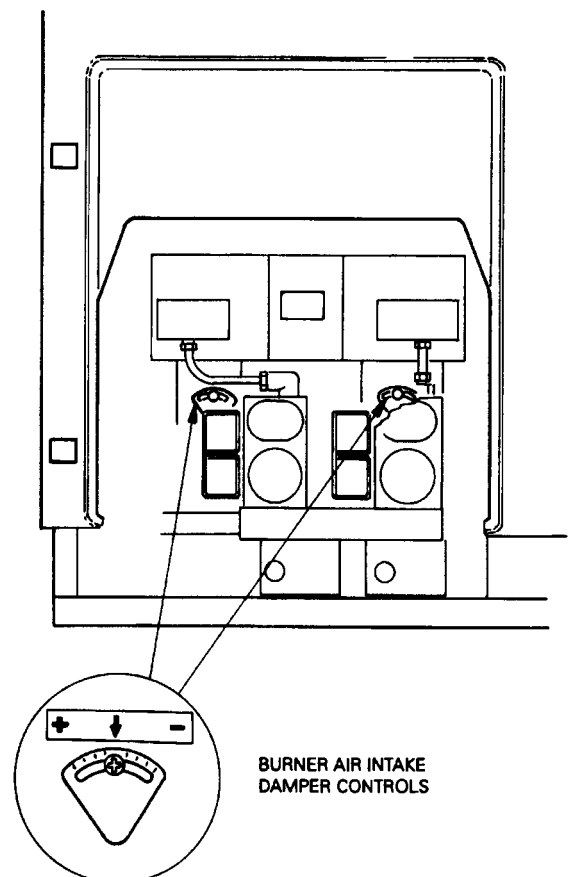
Switch off the boiler burner and repeat the above procedure with the cooker burner. To sample the flue gases from the cooker burner lift up the R.H. insulating cover and remove the countersunk headed screw in the hotplate. The cooker burner should be set as specified above. Replace the countersunk headed screw on completion ensuring that it will not interfere with any pots and pans placed on the hotplate.

IMPORTANT: ENSURE THAT the louvered plinth panel is in place during combustion setting procedure.

NO ATTEMPT should be made to adjust or reset the burner pressure settings.



DESN 511588



IMPORTANT: ALWAYS LOCK IN POSITION AFTER SETTING

FIG. 9

DESN 511123

Replacement of parts [Electrical controls]

ELECTRICAL COMPONENT ACCESS

BEFORE REMOVING SERVICE ACCESS COVERS ENSURE THAT ALL ELECTRICAL ACCESS TO THE APPLIANCE HAVE BEEN SWITCHED OFF (SWITCH OFF AND REMOVE PLUG).

SEE FIG. 10

1. Remove the controls door and place in a safe position.
2. Remove both thermostat control knobs.
3. Remove the 2 cover panel fixing screws.
4. Disconnect cover panel. It will be necessary to disconnect the push on tags from the selector switch.

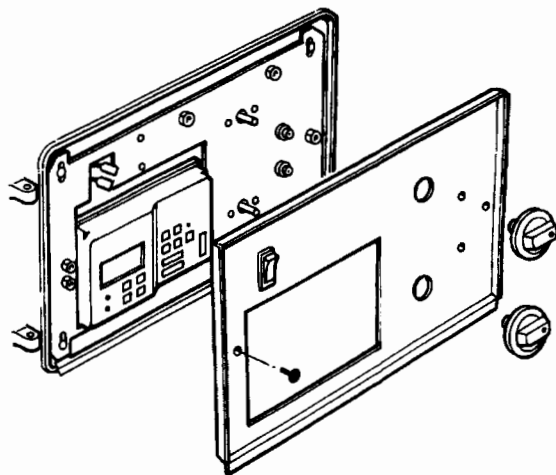


FIG. 10

DESN 511586

SEE FIG. 11

5. Remove the four control panel fixing screws.
6. Tilt the chassis forward from the top and lift out. To fully access the rear of the control chassis, the thermostat capillaries should be removed from their pocket.

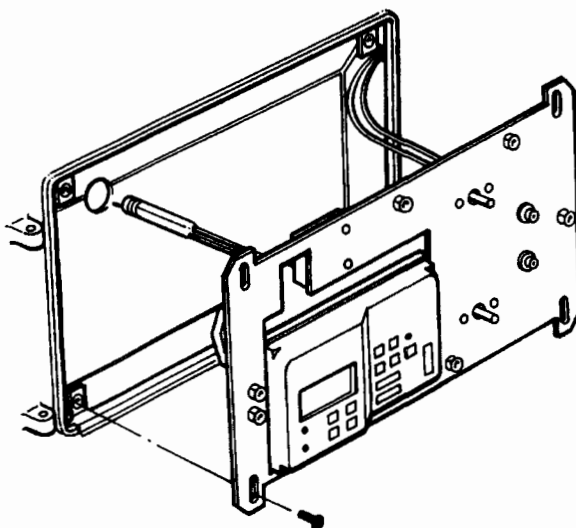


FIG. 11

DESN 511587

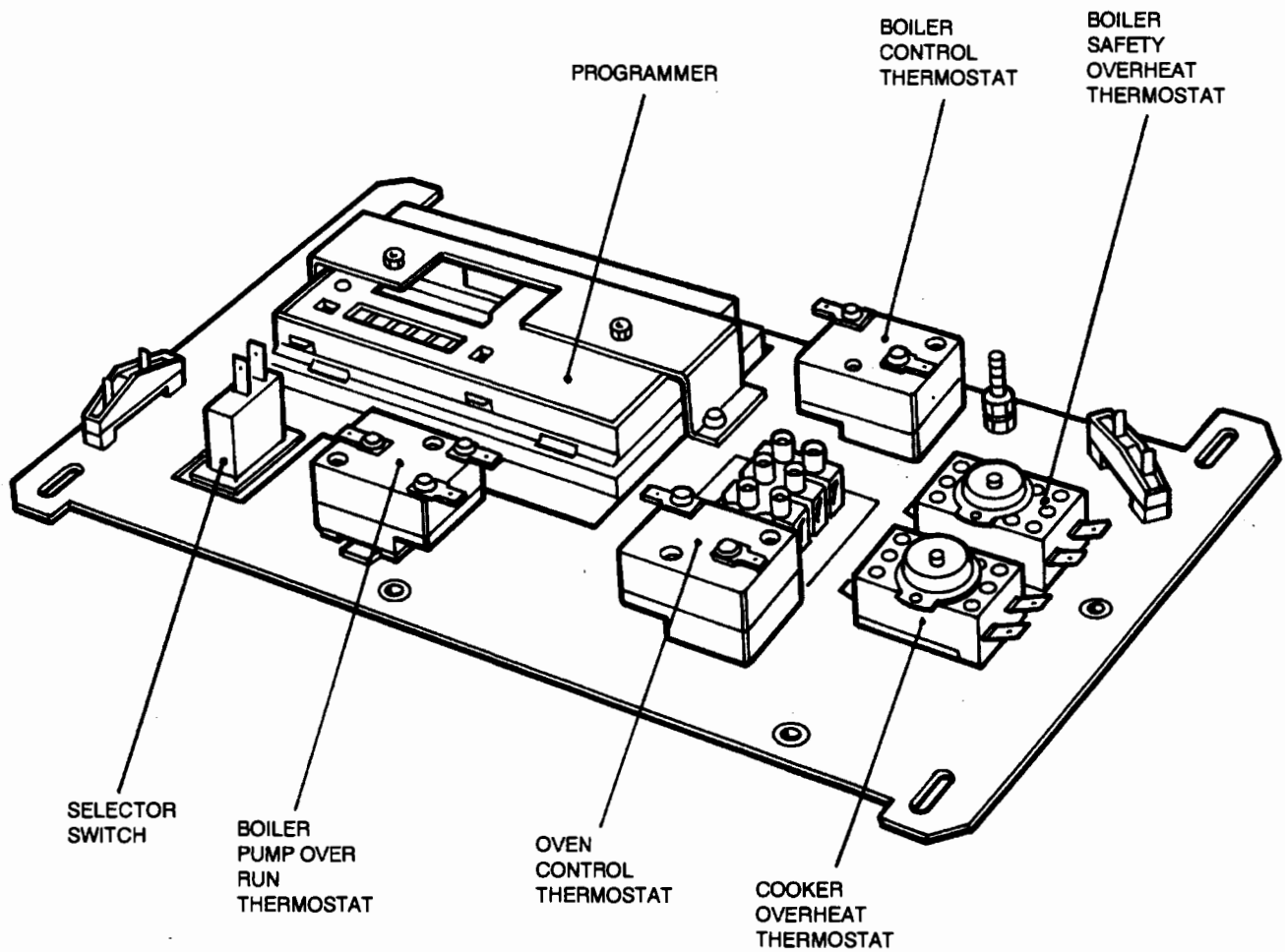


FIG. 12

DESN 511601

Replacement of parts [Electrical controls]

TO FIT NEW BOILER CONTROL THERMOSTAT

SEE FIG. 13

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 6.

1. Undo the two screws on the front of the chassis which holds the thermostat in place.
2. Remove the the two push on connectors from back of thermostat.
3. Replace thermostat. Take care to push thermostat phial correctly into the pocket provided. The thermostat should be mounted with tag P at the right hand side.
4. Re-connect push on connector wires. The RED wire to 1 and YELLOW wire to P.

To complete follow instructions in section RE-ASSEMBLE, Steps 1 to 6.

TO FIT NEW BOILER PUMP OVERRUN THERMOSTAT

SEE FIG. 14

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 6.

1. Undo the two screws on the front of the chassis which holds the thermostat in place.
2. Remove the three push on connectors from back of thermostat.
3. Replace thermostat. The thermostat should be mounted with tag P at the left hand side. Take care to push on thermostat phial correctly into the pocket provided.
4. Re-connect push on connector wires. The RED wire from the pump to P, the other BROWN wire to 2 and the YELLOW to 1.

To complete follow instructions in section RE-ASSEMBLE, Steps 1 to 6.

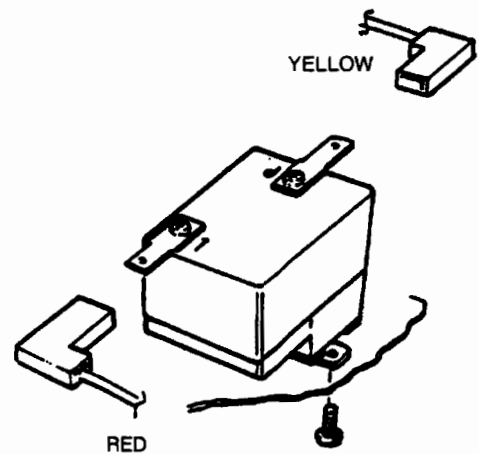


FIG. 13

DESN 510546 A

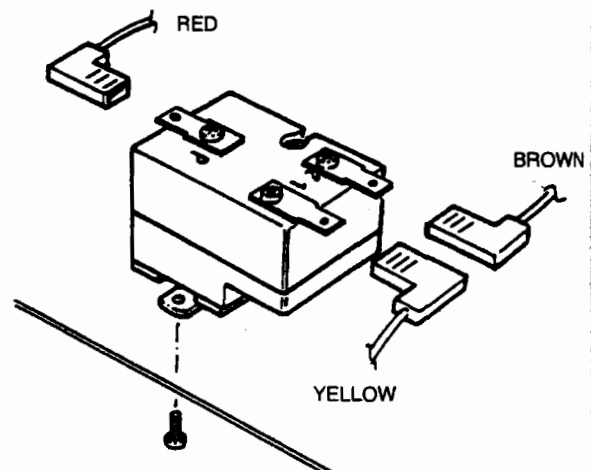


FIG. 14

DESN 510547 A

TO FIT NEW COOKER SAFETY OVERHEAT THERMOSTAT

SEE FIG. 15

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 6.

1. Undo the central hexagon nut on the front of the chassis which holds the thermostat in place.
2. Remove the two push on connectors from the back of the thermostat. Open oven door to access the thermostat phial which passes into the oven at top L.H. corner.
3. Remove LH side plate, slacken screw where the phial passes through the RH side and rotate. Slacken screw front phial mounting bracket rotate.
4. Replace thermostat, thermostat phial should be repositioned in the same position as removed.

To complete follow instructions in section RE-ASSEMBLE, Steps 1 to 6.

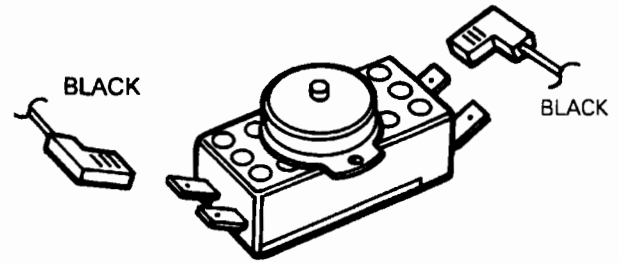


FIG. 15

DESN 511585

Replacement of parts [Electrical controls]

TO FIT NEW BOILER SAFETY OVERHEAT THERMOSTAT

SEE FIG. 16

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 6.

1. Undo the central hexagon nut on the front of the chassis which holds the thermostat in place.
2. Remove the two push on connectors from back of thermostat (noting tags for re-connection).
3. Replace thermostat. Take care to push thermostat phial correctly into the pocket provided.
4. Re-connect push on connector wires.

To complete follow instructions in section RE-ASSEMBLE, Steps 1 to 6.

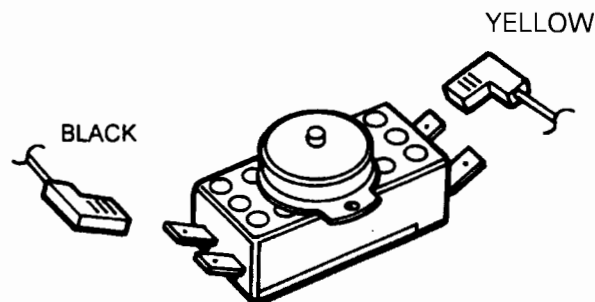


FIG. 16

DESN 511585

TO FIT NEW OVEN CONTROL THERMOSTAT

SEE FIG. 17

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 6.

1. Undo the two screws on the front of the chassis which holds the thermostat in place.
2. Remove the two push on connectors from back of thermostat.
3. Open roasting oven door to access the thermostat phial and capillary which pass into the oven at the top, left hand corner.
4. Remove LH side plate. Slacken the screw where the phial passes through the roasting oven side and rotate the cover plate to open up the access hole. Slacken screw front phial, mounting bracket and rotate.
5. Replace thermostat. The thermostat should be mounted with tag P at the right hand side. Reposition the phial in same position as removed.
6. Re-connect push on connector. The VIOLET/BLACK wire to 1 and BLACK (3) wire to P.

To complete follow instructions in section RE-ASSEMBLE, Steps 1 to 6.

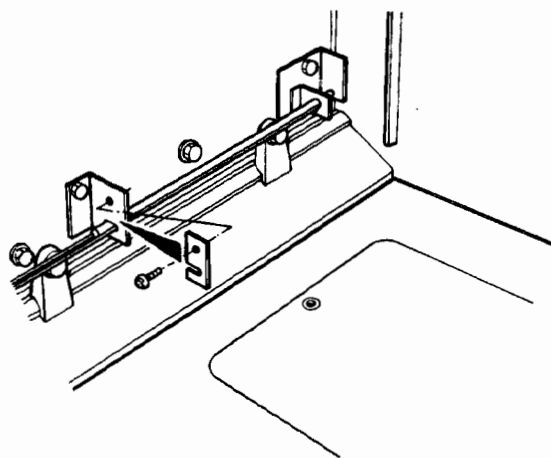


FIG. 17

DESN 511584

TO FIT NEW PROGRAMMER

SEE FIG. 18

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 4.

1. Slacken two screws at bottom of programmer.
2. Pull the bottom of the programmer forward and lift.
3. Replace with new programmer. Clip onto the hinges at the top. Press bottom into place. Tighten two securing screws.

To complete follow instructions in section RE-ASSEMBLE, Steps 3 to 6.

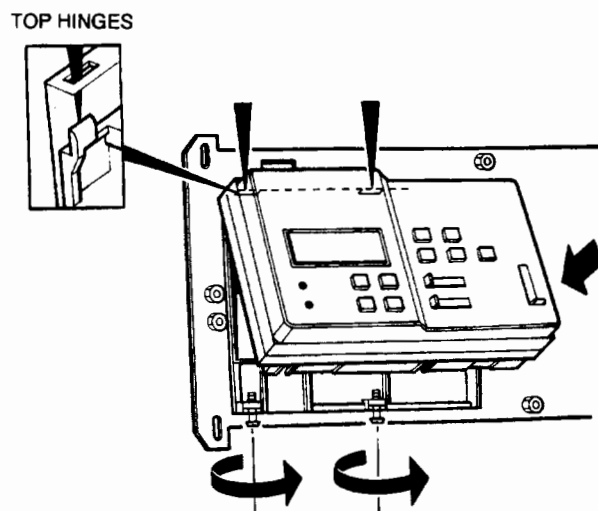


FIG. 18

DESN 511602

TO FIT NEW SELECTOR SWITCH

SEE FIG. 19

Follow instructions in section ELECTRICAL COMPONENT ACCESS, Steps 1 to 4.

1. To remove switch from cover panel press the two toggles at top and bottom of switch, push switch through panel.
2. Push replacement switch into aperture and click into place. The switch should be fitted with terminal 1 at the top.

To complete follow instructions in section RE-ASSEMBLE, Steps 3 to 6.

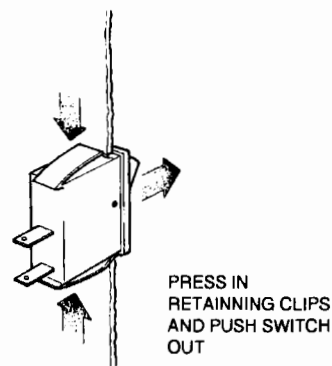


FIG. 19

DESN 510553 A

Replacement of parts (Electrical controls)

RE-ASSEMBLE

1. Locate thermostat phials into boiler pocket ensuring that they are correctly located and positioned. (Fig. 20)
2. Locate the base of the control chassis into the bottom of the door way aperture, tilt the chassis backwards into position and secure with the four screws.
3. Thread the two wires for the selector switch through the aperture and connect them onto the rear of the selector switch fitted in the outer panel. Connect the ORANGE wire on 1 and the PURPLE wire on 2.
4. Refix the outer panel in position and secure with the 2 screws.
5. Replace the thermostat knobs.
6. Replace the controls door.

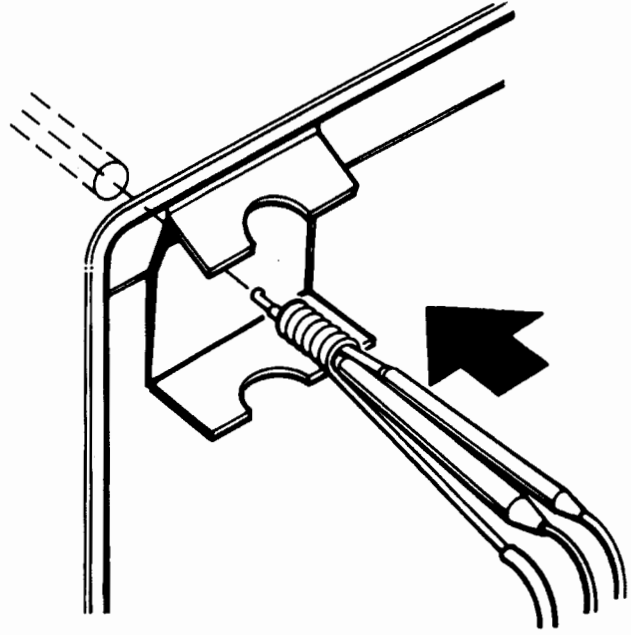


FIG. 20

DESN 511

FAN MOTOR

SEE FIG. 21 & 22

Follow instructions in sections BURNER ACCESS, Steps 1 to 3 and BURNER REMOVAL, Steps 1 to 5.

COOKER FAN

1. Remove fan box cover, 2 screws.
2. Remove three pin plug.
3. Remove two push on connectors from capacitor. BROWN to 1 and BLACK to 2.
4. Remove two securing screws, slide off motor.
5. Check driver, replace if worn or damaged. Reassemble in reverse order.

BOILER FAN

1. Remove fan box cover, two screws.
2. Unscrew Hex. bar.
3. Remove fan silencer, three screws.
4. Disconnect, live, neutral and earth from terminal strip (noting connections).
5. Remove two screws from bottom of fan. Slacken two screws top of fan, slide down to remove.
6. Replace fan. Reassemble in reverse order.

BOILER FAN RESISTOR

Follow instructions in sections BURNER ACCESS, Steps 1 to 3 and BURNER REMOVAL, Steps 1 to 5.

1. Remove fan box cover, two screws.
2. Unscrew Hex. bar.
3. Remove fan silencer, three screws.
4. Disconnect leads from terminal strip (noting connections).
5. Remove two securing screws.
6. Fit new resistor of same value (see table).
7. Re-assemble in reverse order.

460	25W	470R	PURPLE LEADS
480	25W	330R	ORANGE LEADS
499	25W	220R	BLACK LEADS

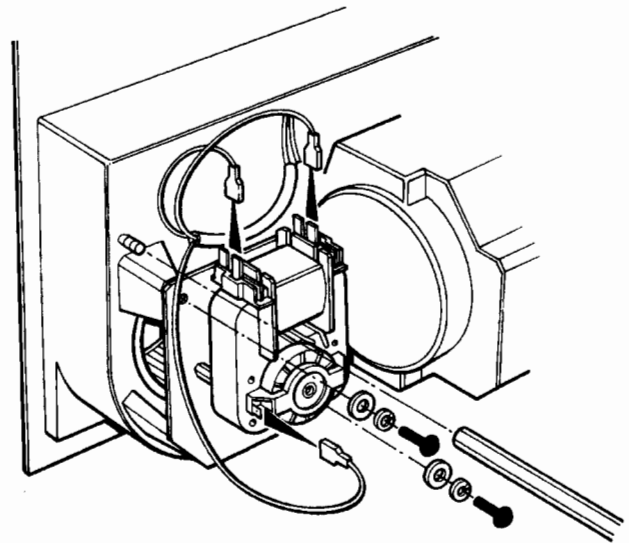


FIG. 21

DESN 511686

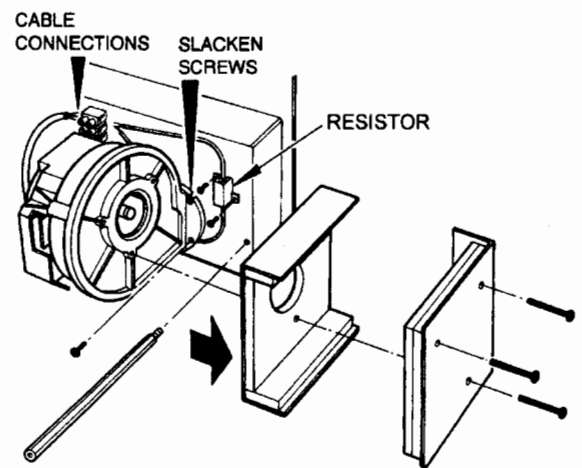


FIG. 22

DESN 511604

Replacement of parts (Burner)

DISMANTLE BURNERS

SEE FIG. 23

Follow instructions in sections BURNER ACCESS, Steps 1 to 3 and BURNER REMOVAL, Steps 1 to 5.

1. Disconnect four pin plug (second from left).
2. Remove fixing screw above control box, remove six screws and two Hex. bars from head.
3. Withdraw complete assembly.

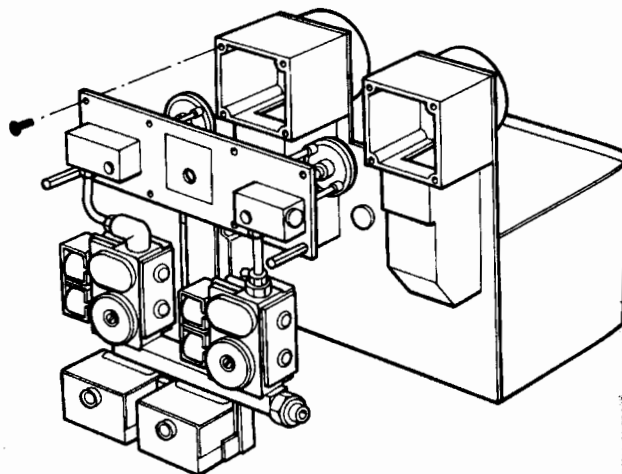


FIG. 23

DESN 51166

AIR PRESSURE SWITCH

Follow instructions in sections BURNER ACCESS, Steps 1 to 3, BURNER REMOVAL, Steps 1 to 5 and DISMANTLE BURNERS, Steps 1 to 4.

1. Lift off pressure switch cover. Remove two push on connectors (noting connections).
2. Remove two tubes (noting connections). Remove the securing nuts and bolts.
3. Replace switch. Re-assemble in reverse order.

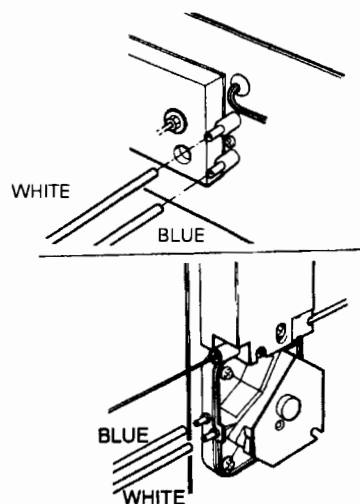


FIG. 24

DESN 51166

IGNITOR ELECTRODE

SEE FIG. 25 & 26

Follow instructions in sections BURNER ACCESS, Steps 1 to 3, BURNER REMOVAL, Steps 1 to 5 and DISMANTLE BURNERS, Steps 1 to 2.

1. Remove securing nut and disconnect H.T. lead from ignition electrode.
2. Remove electrode fixing screw.
3. Slide electrode away from burner head.
4. Fit new electrode in reverse order, set gap and position (See Fig. 26).

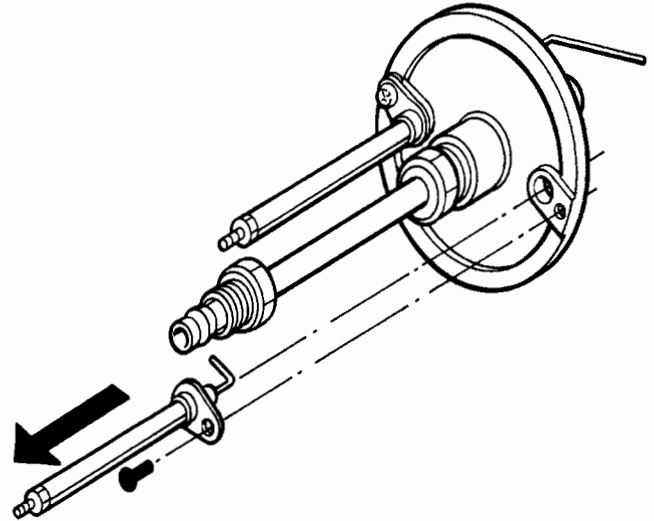


FIG. 25

DESN 511723

FLAME SENSING PROBE

SEE FIG. 25 & 26 (COOKER AND BOILER)

Follow instructions in sections BURNER ACCESS, Steps 1 to 3, BURNER REMOVAL, Steps 1 to 5 and DISMANTLE BURNERS, Steps 1 to 2.

1. Remove securing nut and disconnect H.T. lead from flame sensing probe.
2. Remove fixing screw.
3. Slide sensing probe away from burner head.
4. Fit new sensing probe in reverse order, set gap and position. (See Fig. 26).

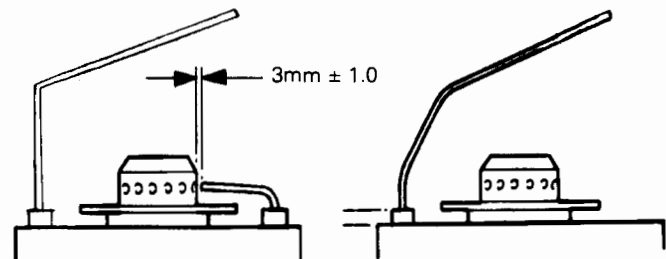


FIG. 26

DESN 511133

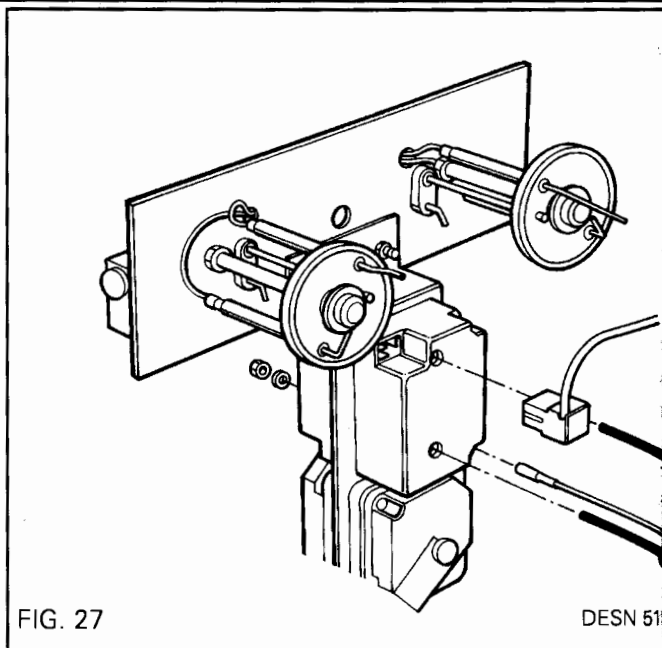
Replacement of parts [Burner]

IGNITOR

SEE FIG. 27

Follow instructions in sections BURNER ACCESS, Steps 1 to 3, BURNER REMOVAL, Steps 1 to 5 and DISMANTLE BURNERS, Steps 1 to 4.

1. Remove HT lead from ignitor.
2. Remove mains plug from ignitor.
3. Remove 2 ignitor securing nuts and bolts.
4. Remove ignitor.
5. Fit new ignitor, re-assemble in reverse order.

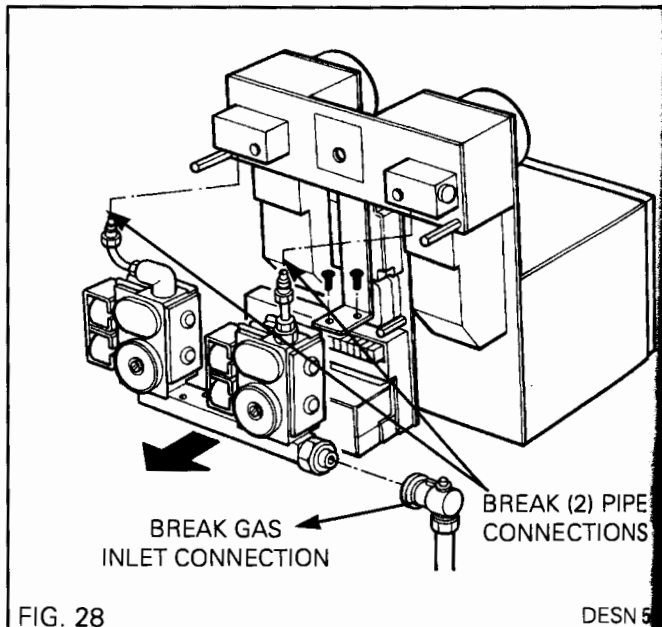


GAS VALVE ACCESS

SEE FIG. 28

Follow instructions in sections BURNER ACCESS, Steps 1 to 3 and BURNER REMOVAL, Steps 1 to 3.

1. Break 2 gas pipe connections.
2. Lower gas valve assembly forward.

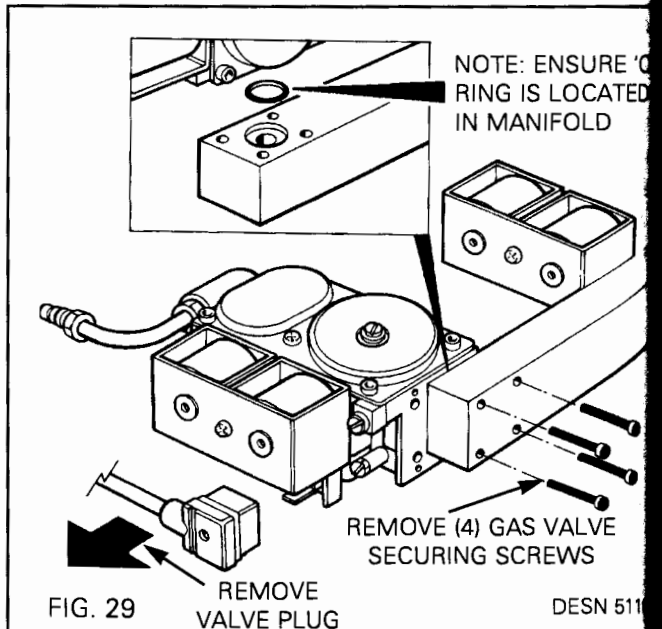


GAS VALVE REPLACEMENT

SEE FIG. 29

1. Remove 4 gas valve securing screws (gas valve to manifold).
2. Remove valve plug, 1 screw.
3. Remove appropriate pipework from valve. Fit to new valve.
4. Re-assemble gas valve in reverse order.

NOTE: ENSURE 'O' RING IS LOCATED CORRECTLY IN MANIFOLD.



CONTROL BOX

SEE FIG. 30

Follow instructions in sections BURNER ACCESS, Steps 1 to 3, BURNER REMOVAL, Steps 1 to 5.

1. Insert a flat bladed screwdriver in LH side of c. box, as diagram.
2. Repeat as above for RH side.
3. Gently pull control box away from base.
4. Fit new control box, re-assemble in reverse order.

GENTLY REMOVE C. BOX
FROM MOUNTING PLATE

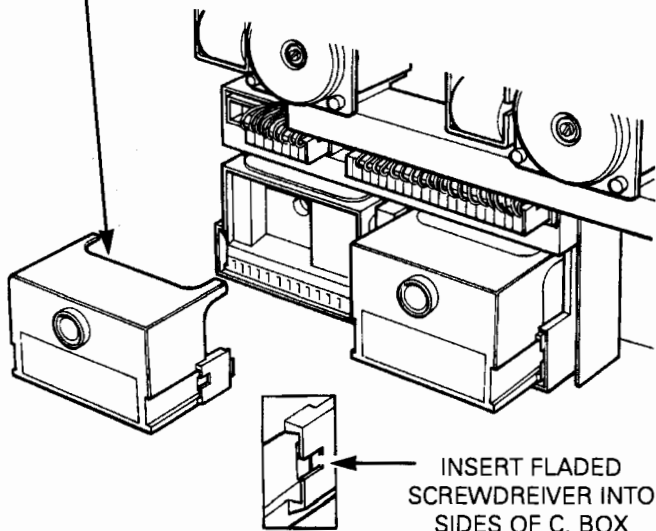


FIG. 30

DESN 511690

Electrical Controls

PUMP OVERRUN FACILITY

When the programmer switches off the BOILER channel then the water circulating pump will be switched off. If during the period shortly after this the residual heat in the appliance causes the water temperature in the boiler to rise above 65°C then the pump overrun thermostat will change over. This will switch on the circulating pump.

OVERHEAT SAFETY THERMOSTATS

BOILER

This thermostat is a safety cut-out device which is intended to operate if the other controls fail. This control will "lock-out" and switches everything off except for the programmer clock and the "Pump Overrun" facility.

This thermostat has to be manually reset once the temperature has cooled down.

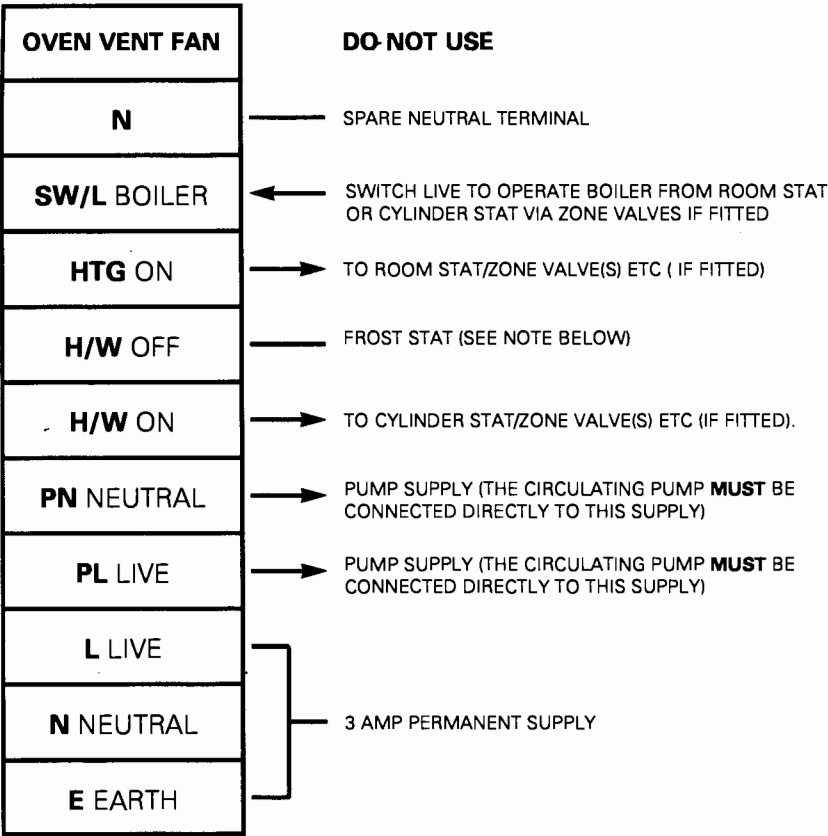
COOKER

This thermostat is a safety cut-out device which operates if the control thermostat fails.

This thermostat has to be manually reset once the temperature has cooled down.

CONTROL CIRCUIT-EXTERNAL

TERMINAL STRIP CONNECTIONS



NOTE:

If no Hot Water System Controls are used a link **MUST** be fitted between **H/W ON** and **SW/L BOILER**.

If no Central Heating System Controls are used a link **MUST** be fitted between **HTG ON** and **SW/L BOILER**.

If a Frost Thermostat is fitted it **MUST** be connected to **SW/L BOILER** and **H/W OFF**.

CONTROL CIRCUIT-BOILER

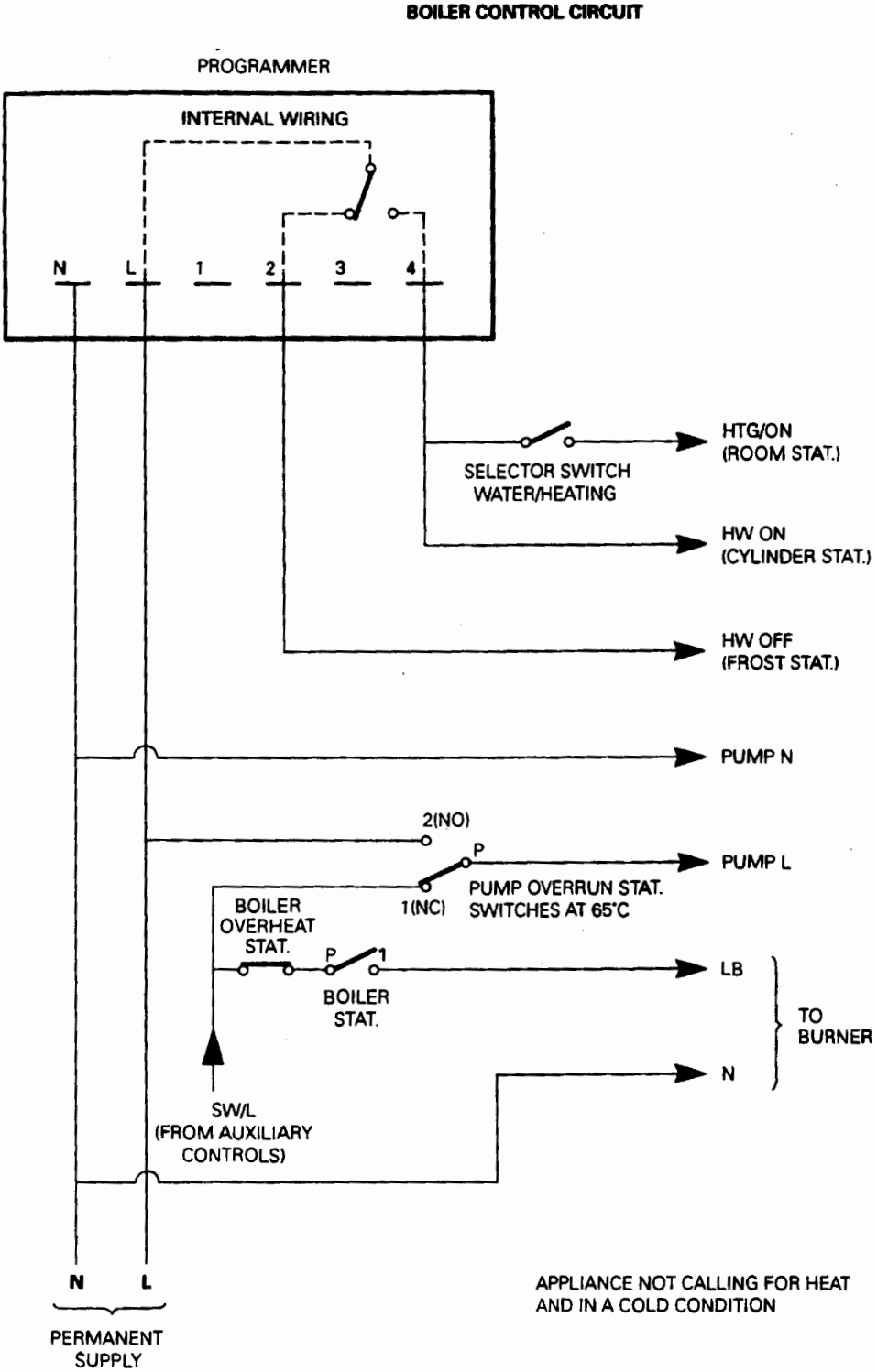


FIG. 31

CONTROL CIRCUIT-COOKER

COOKER CONTROL CIRCUIT

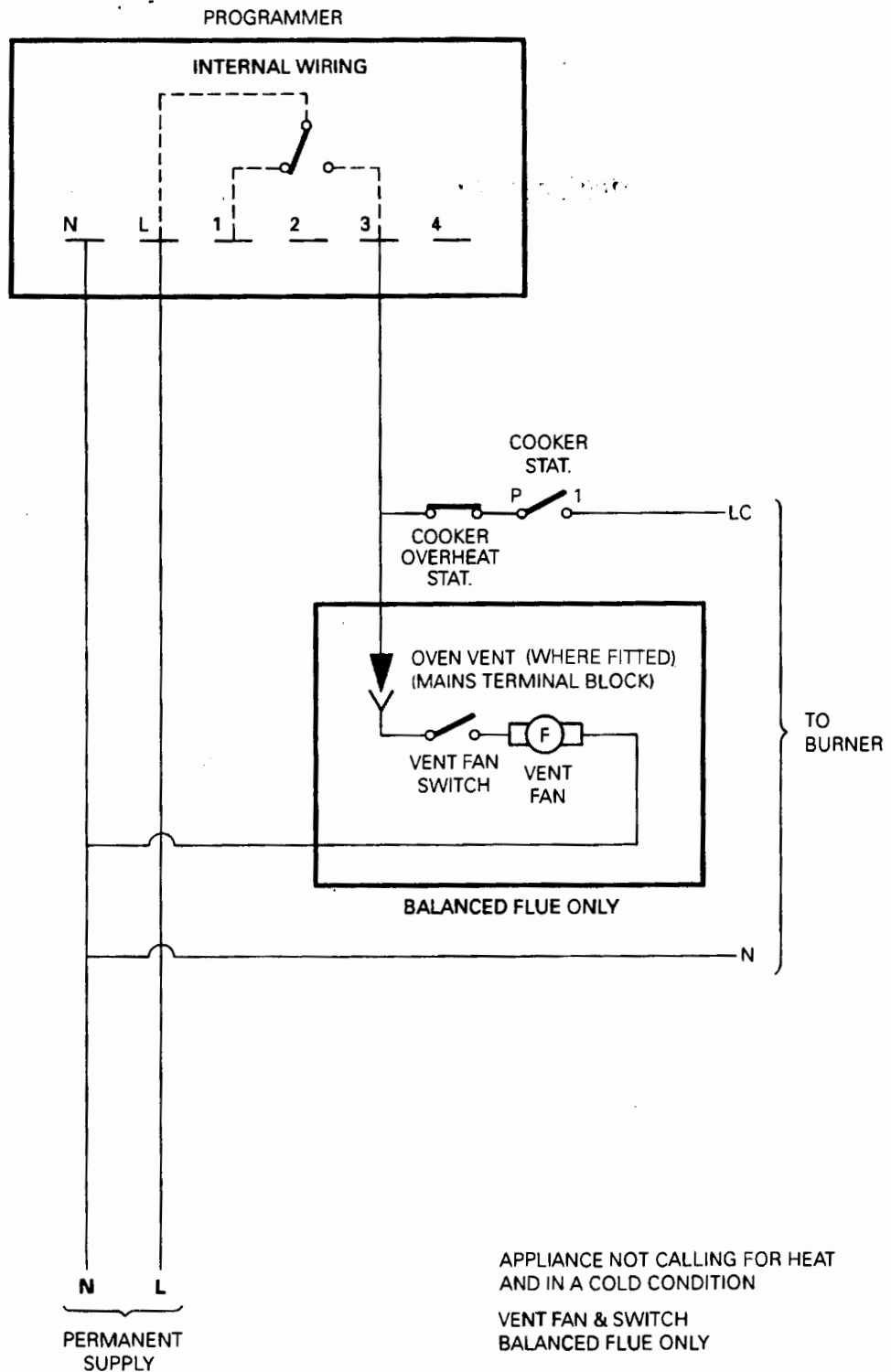


FIG. 32

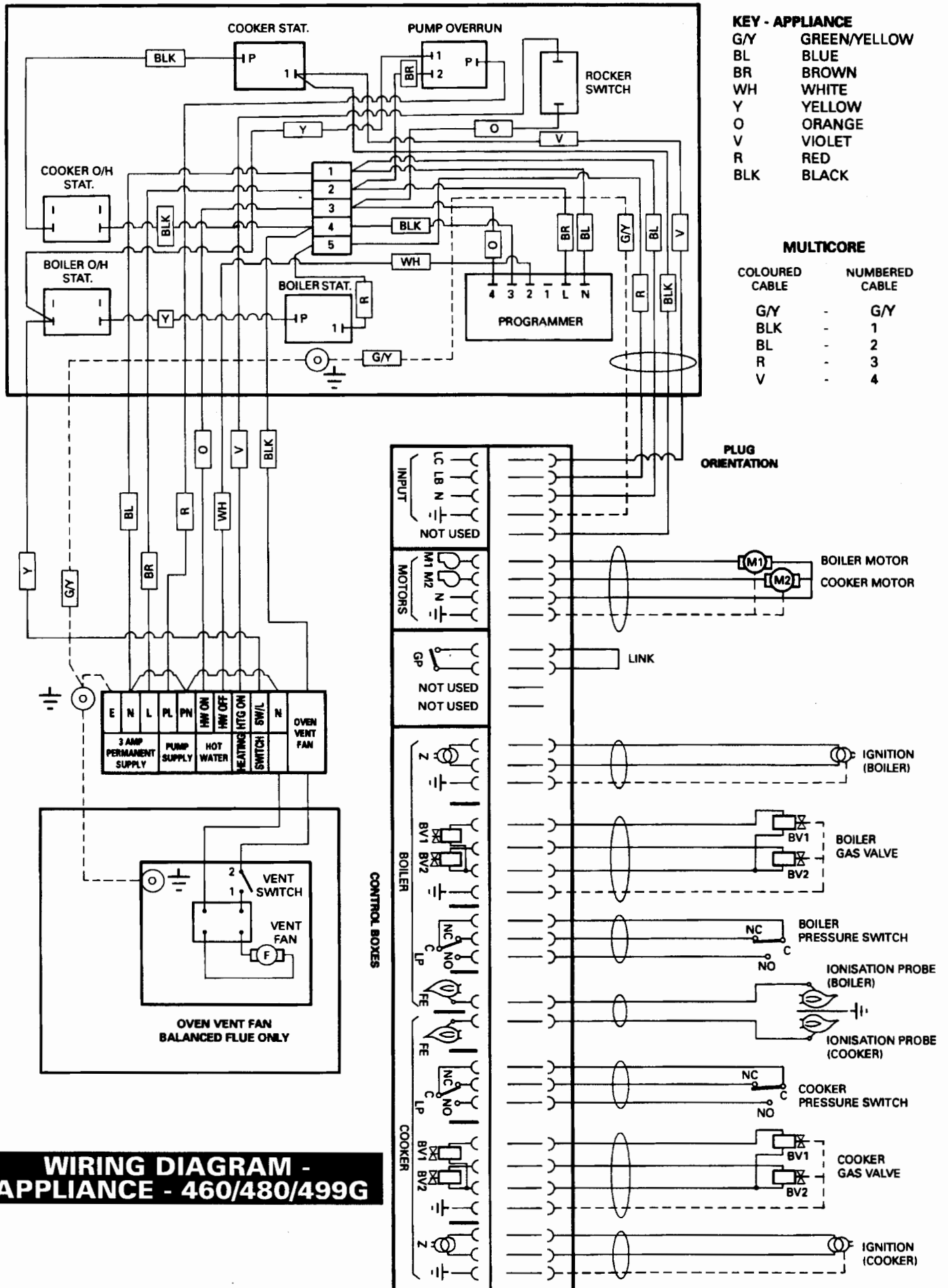


FIG. 33

BURNER DOES NOT START

Burners

Check that the burners have not gone to lock-out.

Causes of lock-out can be:-

- ☐ No ignition, ignition electrode incorrectly positioned or insulation cracked, spark generator faulty.
- ☐ No gas supply.
- ☐ Poor combustion.
- ☐ Flame probe incorrectly positioned, cracked insulation, flame probe in contact with earth, moisture present on probe affecting insulation.
- ☐ Live and Neutral connections reversed.
- ☐ Inadequate earth contact with flame.
- ☐ Poor flame ionisation signal.
- ☐ Lack of combustion air.
- ☐ Air pressure switch faulty.
- ☐ Faulty control box.

REFER TO FLOW DIAGRAMS FOR ELIMINATION PROCEDURES.

General

You can carry out some checks on the controls before you need to access the controls compartment behind the controls door.

If only one of the burners is not running then the fault must be after the safety overheat thermostat. Conversely if both burners are affected then the fault usually lies before the programmer connections.

For access to individual controls refer to section on Replacement Parts and wiring for continuity checks refer to Figs. 31, 32 and 33 for detailed and schematic wiring layouts.

1. To check out the electrical wiring you will first have to have access to the burner chamber. Use the following procedure:-
 - Isolate the electrical power supply.
 - Open up the bottom burner access door. Remove door and put in a safe place.
2. Unscrew the 2 screws holding the inner panel in place and remove panel.
3. Unscrew the 3 screws holding the louvered plinth in place and remove plinth.

The external mains connections are made to a terminal block situated in the front right hand of the air inlet, Re-connect the electrical supply and check that there is a 230V power supply available across the mains input connections L & N on the terminal block. If not then check connecting leads, fuse and whether power is available at mains plug. If power is available across L & N then check to see whether the overheat cut-out switch has cut-out, if it has then reset by pushing in the centre with a small, round tool i.e. a pencil. Check for continuity across cooker overheat thermostat.

**BOILER BURNER NOT OPERATING → INITIALLY: → Check 230V incoming between L&N at terminal strip
(NO LOCKOUT)**
 Set programmer for boiler to constant
 Set boiler start to max.
 Set auxiliary controls to call for heat
 Set priority switch on face to heating and hot water

Is there 230V between LB & N at control box? ————— yes ————— Check control box

no

Is boiler stat faulty? (open circuit) ————— yes ————— Change boiler stat

no

Has boiler overheat stat activated? ————— yes ————— Press reset button ————— Check external system as follows

no

1. Has a power cut occurred?
2. Ensure pump is wired to PL & PN at terminal strip
3. Is pump over run stat changing over at 65°C?
4. Is boiler stat short circuit

Is there 230V between SW/L & N at terminal strip ————— yes ————— Check appliance wiring/continuity

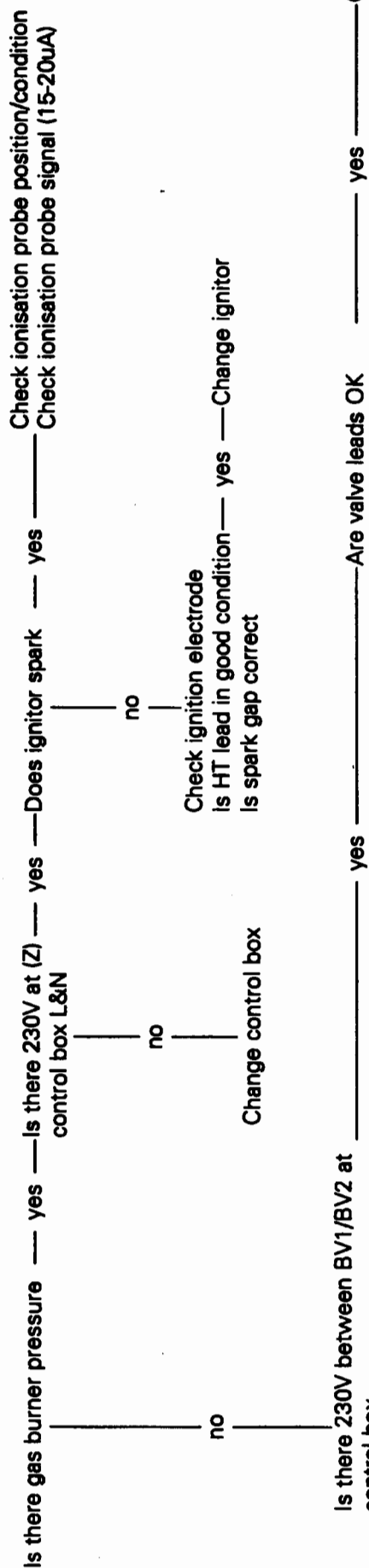
no

Is there 230V between HW ON/HTG ON & N at terminal strip ————— yes ————— Check auxiliary controls faulty, wired incorrectly.

no

Check programmer operation (ie Press reset)

BURNERS LOCKING OUT → **INITIALLY:** → **Check 230V incoming between Live and Neutral at terminal strip**
Check incoming gas supply pressure is correct (20 mb)
Check for blocked flue



Check air pressure switch operation — yes — Check combustion air supply setting (fan) & air pressure switch, are tubes fitted correctly and in good condition

(LP at control box) is there 230V between NC and Earth with fan running.

With the burner turned off has the air pressure switch returned to the NC position. — yes — Change control box

COOKER BURNER NOT OPERATING → INITIALLY: → Check 230V incoming between L&N at terminal0 strip
(NO LOCKOUT)
Set programmer for cooker to constant
Set cooker stat to max.

