

# Owner's Manual

INCLUDES

User, Maintenance, Service, and Installation  
Instructions



## PARAGON 2016 & PARAGON 2016 Hi



Keep this booklet for service log and future reference

### IMPORTANT



This appliance is guaranteed for 12 months subject to conditions. The 5 year extended parts warranty will only be valid if the annual service recommended in this manual has been completed and appliance has been registered online.

For use in Great Britain and Ireland.

Literature NO 2505 (ISS 13)

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## EXTENDED FIVE YEAR PARTS WARRANTY

In order to validate your extended 5 years parts warranty please read the Benchmark Scheme on the opposite page and ensure your installer has filled in the appropriate checklist.

**This in no way reduces your statutory rights**

Your warranty commences from the date of purchase and you must retain your receipt or invoice as proof of a purchase date.

THIS EXTENDED WARRANTY SPECIFICALLY EXCLUDES GLASS AND SOFT REFRACTORY COMPONENTS, THE BULB AND ANY BATTERIES.

### Terms and Conditions

1. The appliance must be installed by a GAS SAFE registered person.
2. The appliance must be used in accordance with the user's instructions.
3. The appliance must be serviced annually by a GAS SAFE registered person.
4. The benchmark and service log must be correctly filled out and the record of annual services must be up to date and supported by receipts in each case.
5. This warranty is not transferable and relates to the original installation only.
6. The appliance has not been subjected to misuse or accident or been modified or repaired by any person other than the authorised employee or authorised representative of Charlton and Jenrick Ltd.
7. The registration form must be returned within 1 month of purchase.

## Benchmark Scheme



Charlton and Jenrick Ltd is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance. Benchmark is managed and promoted by the Heating and Hotwater Industry Council. For more information and the full code of practice please visit [www.centralheating.co.uk](http://www.centralheating.co.uk)

Please ensure that the installer has fully completed the Benchmark Checklist on the inside back pages of the installation instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation. The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

All installations must be notified to Local Area Building Control either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

This product should be serviced regularly to optimise its safety, efficiency and performance. The service engineer should complete the relevant Service Record on the Benchmark Checklist after each service.

The Benchmark Checklist will be required in the event of any warranty.

It is a requirement that the gas fire is installed and commissioned to the manufacturer's instructions and the data fields on the commissioning checklist completed in full.

To instigate the guarantee, the gas fire needs to be registered with the manufacturer within one month of the installation.

To maintain the guarantee, it is essential that the gas fire is serviced annually by a Gas Safe registered engineer. The service details should be recorded on the Benchmark Service Interval Record and left with the householder.

### **Important**

For future reference we suggest you record the following details here, and keep the receipt as proof of purchase. This information may be asked for when you contact the helpdesk.

<b>MODEL:</b>	<b>PARAGON 2016</b>	<b>Serial No.</b>	
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This information can be found on the label attached to the packaging and on the data badge, which is located on the base of the appliance behind the control cover.

<b>Retailer Name:</b>	
<b>Address:</b>	
<b>Date Of Purchase:</b>	

### **Consumer Protection Information**

As manufacturers and suppliers of heating products, we take every care, as far as is reasonably practicable, 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 the appliance manufacturer could invalidate the approval of the appliance, operation of the warranty and could affect your statutory rights.

### **Health and Safety Notice**

#### **Important**

This appliance could contain some of the materials, indicated below, that could be interpreted as being injurious to health and safety. It is the users / installers responsibility to ensure that the necessary personal protective clothing is worn when handling these materials, see below for information.

Artificial Fuels, Mineral Wool, Insulation Material, Refractory/Ceramic Fibres, Glass Yarn - *may be harmful if inhaled, may be irritating to skin, eyes, nose and throat.*

*When handling avoid inhaling and contact with skin or eyes. Use disposable gloves, facemasks and eye protection. After handling wash hands and other exposed parts. If a vacuum is used for cleaning the coals or cleaning after servicing / installation it is recommended that it be of the type fitted with a HEPA filter.*

**Disposal of refractory/ceramic materials.** *To keep dust to a minimum these materials should be securely wrapped in polythene and be clearly labelled 'RCF waste'. These materials are not classified as 'hazardous waste and should be disposed of at a site licensed for the disposal of industrial waste.*

- The PARAGON 2016 & 16 Hi is decorative fuel effect fires intended for decorative purposes only.
- The PARAGON 2016 & 16 Hi is designed and manufactured to the requirements EN 509.
- The appliance should be installed by a competent GAS SAFE-registered person in accordance with the GAS SAFETY (INSTALLATION AND USE) REGULATIONS.
- The PARAGON 2016 is available in two versions **Natural Gas or LPG (Propane Gas Only)**. The markings (**G20** for natural gas or **G31** for propane) on the packaging and the data badge specify the gas for which the appliance has been factory set. **Note: These appliances should only be used on the appropriate gas specified. They are not suitable for conversion from one gas to the other.**
- The chimney or flue (unless new) must be swept before installation if it has been used for solid fuel.
- This appliance has a naked flame. A fireguard should be used for the protection of children, the elderly and infirm. Fireguards should conform to BS 6539 (1984) (Fireguards for use with solid fuel appliances).
- Like all appliances incorporating an aerated burner a low frequency noise may be heard, this may be more noticeable on the low setting.
- It is advised that the PARAGON 2016 & 16 Hi is serviced annually this is more likely to provide trouble-free operation.

The PARAGON 2016 fire does not normally require purpose-built ventilation in the United Kingdom.

In the Republic of Ireland permanent ventilation must be provided in accordance with the regulations in force.

The PARAGON 16Hi requires 11.25cm<sup>2</sup> (1.8 ins. sq.) purpose-built permanent ventilation in the United Kingdom.

In the Republic of Ireland permanent ventilation must be provided in accordance with the regulation in force.

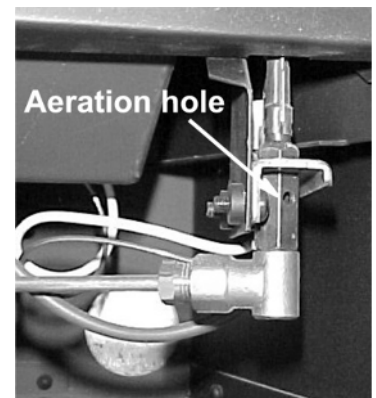
It is important that: -

- The chimney or flue is checked annually to ensure clearance of combustion products.
- The purpose-built ventilation should be checked periodically to ensure freedom from obstruction.
- Any debris from the chimney or flue should be removed. The fire should be allowed to cool for three to four hours before removing debris.
- Rubbish must not be thrown onto the coal bed under any circumstances.
- The cast fire front must be positioned in front of the fire whilst it is burning.

**Pilot Cleaning** (Before cleaning ensure that the appliance is turned off and cold)

In some instances you may experience ignition problems even when the appliance is new. This may be due to the aeration hole in the pilot body (see photograph) being partial blocked with dust, pet hairs or other foreign matter. The source of this debris could be such things as carpet fibres, decorating or pet etc.

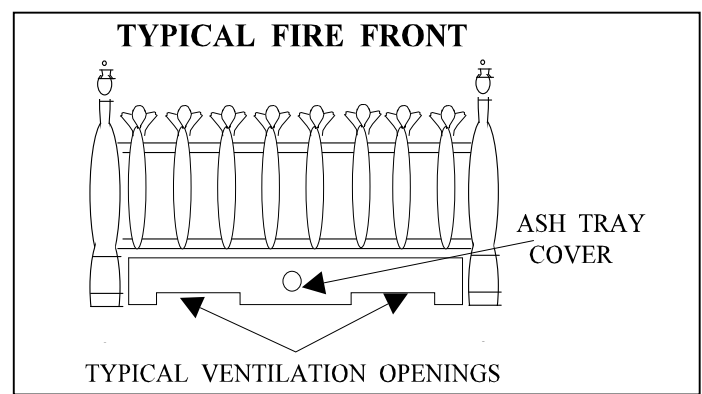
To clean the pilot, remove the fire front and ashpan. The pilot is located on the right hand side of the appliance, any debris in or around the aeration hole should be remove using the nozzle of a vacuum cleaner. It is advisable not to blow the debris into the hole as this may cause more of a restriction and not rectify the problem.



## SECTION TWO Introduction (user instructions)








- The PARAGON 2016 & 16 Hi, incorporate a single gas control, which selects ignition pilot, low and high settings.
- The appliances incorporate a safety device in the form of an Oxygen Depletion System, which constantly monitors the oxygen in the room and will cause the fire to switch off if the oxygen level reduces. If this repeatedly occurs do not attempt to relight the appliance until a qualified engineer has checked it, the problem may not be due to lack of air or a defective flue. The oxygen depletion pilot can only be changed for an identical one from the same manufacturer with the same code number. **(THIS DEVICE MUST NOT BE OVERRIDDEN.)**
- The pilot can be left on or the pilot can be extinguished and relit each time the fire is used.
- A fire front (fret) must be used with this appliance and must conform to the following:

- It must be made from non-combustible material.
- Its general construction should enable it to stand firmly across the full width of the burner.
- The design of the fire front (fret) must have a removable ash tray cover (lower section).
- The ash tray cover must have cut-outs and or holes which provide ventilation to the underside of the burner.
- The effective area of ventilation through the ash tray cover must be greater than 1365mm<sup>2</sup> (2.12 sq. ins.)



## SECTION THREE Operation (user instructions)

The appliance Control Panel is positioned behind the fret, and carries the control knob. The full lighting procedure is as follows: -

1. Push control knob in as far as possible on gas controls.
2. Turn knob anti-clockwise until a click is heard. The knob will stop at the position marked  and a spark should be seen at the tip of the ignition probe. At the same time the pilot flame should light. KEEP THE KNOB PRESSED IN FOR 20 SECONDS. Should the pilot fail to light, turn the control knob clockwise to the  position, wait 3 minutes and repeat the procedure.
3. After lighting the pilot flame the control knob should be allowed to spring out slightly. This will allow you to turn the knob further anti-clockwise to the position marked . The pilot flame should then ignite the main fire.
4. It is possible to adjust the height of the flames by turning the control knob between the positions marked  and . Note that the knob 'latches' in position at either end of this movement and must be pushed in slightly before it can be turned.
5. To turn the fire off, depress the knob slightly and turn it to the  position.
6. To completely extinguish the fire, depress the knob slightly and turn to the  position.

Note: - If the ignition fails the pilot can be lit with a taper or a match held at the pilot head. Remove fret for access and replace after lighting.

**If the fire has extinguished for any reason wait 3 minutes before relighting**

## SECTION FOUR Cleaning and Replacing Fuel Bed (user instructions)

**Important: - Refer to the Health & Safety Notice located on page 5 of this booklet before cleaning or replacing any refractory material.**

Note: Soot deposits on the fuel bed, may be burnt off by operating the fire for approximately 1 hour on high.

The fuel bed components are delicate and they should be handled with great care.

The loose parts and moulded shapes may be removed for cleaning. They can be brushed very gently with a soft brush to remove dust or any deposits.

A vacuum cleaner may only be used after the loose components and moulded shapes have been removed.

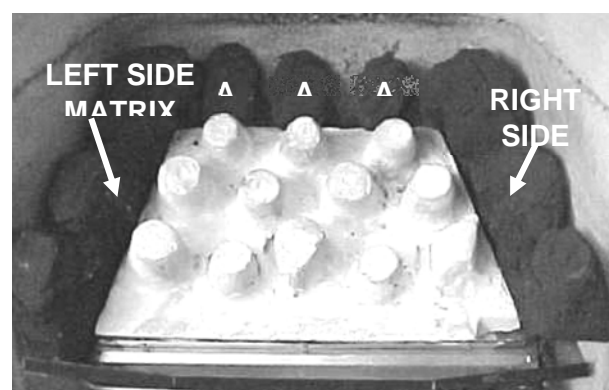
**Note** Dye is available for touching up coal surfaces where the black colouring may have rubbed off in use.

### **FUEL BED LAYOUT (COAL OPTION)**

- Ensure the BASE MATRIX is in position as shown centrally located against the rear edge of the burner outlet.

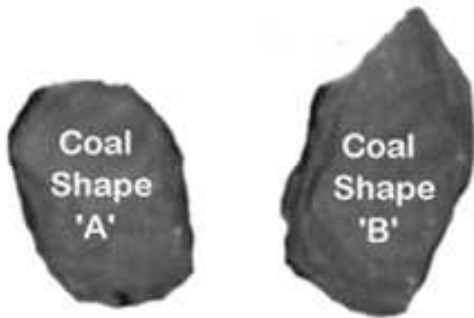


- Ensure the LEFT SIDE MATRIX is located into the space between the BASE MATRIX and the left-hand side of the fire back with the marking "LH" go against the left-hand inside face of the fire back.
- Ensure the RIGHT SIDE MATRIX is located into the space between the BASE MATRIX and the right-hand side of the fire back with the marking "RH" go against the right-hand inside face of the fire back.



- Locate 3 off of COAL "A" behind the BASE MATRIX



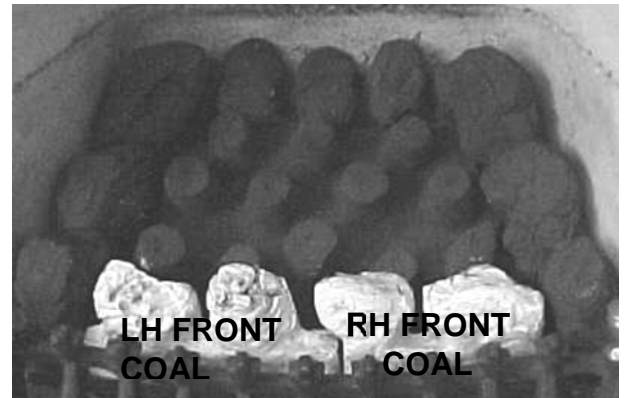


**Note the loose coals consist of :-**

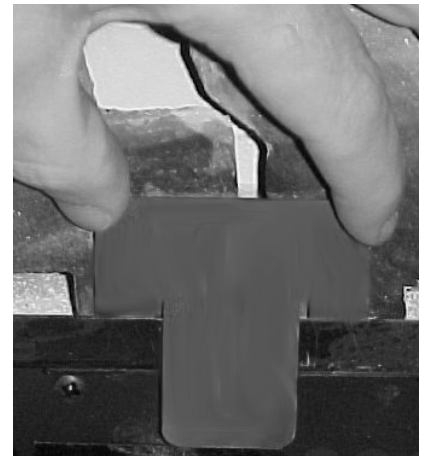
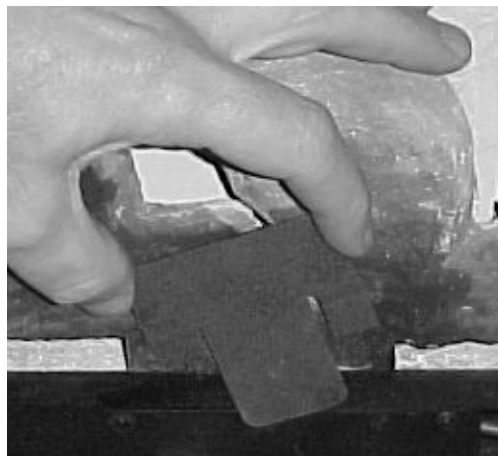
**11 off shaped as coal "A"**

**9 off shaped as coal "B"**

- Locate the LEFT HAND and RIGHT HAND FRONT COALS as shown so that they sit on the front rail and lean back against the BASE MATRIX. Note it is most important that they are located in their correct positions. They are marked on the rear "L" for LEFT HAND FRONT COAL and "R" for RIGHT HAND FRONT COAL.

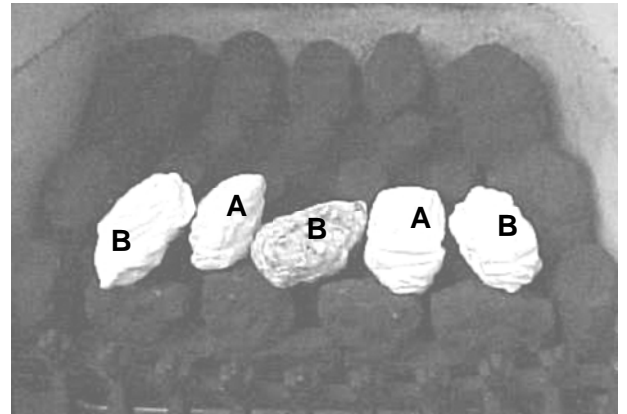


- Slide front support over front edge of fire where the left & right front coals meet, see below.

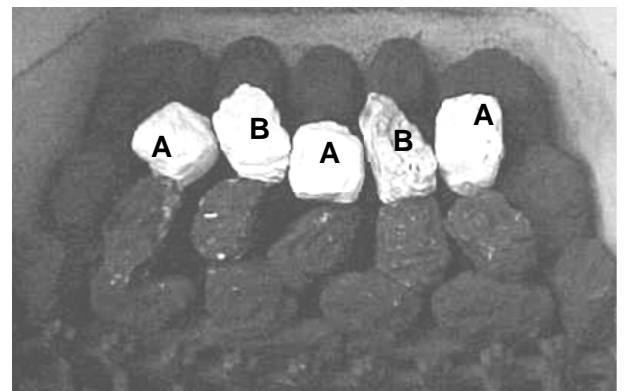


**Separate the coal into the two size groups.**

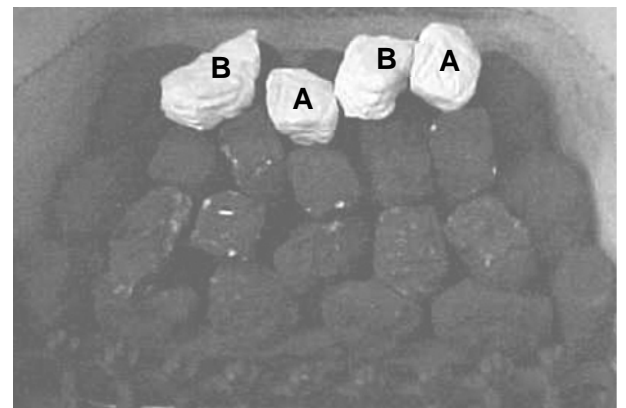
- Lay first row of loose coal 3 off "B" and 2 off "A" coals as shown so that they bridge across



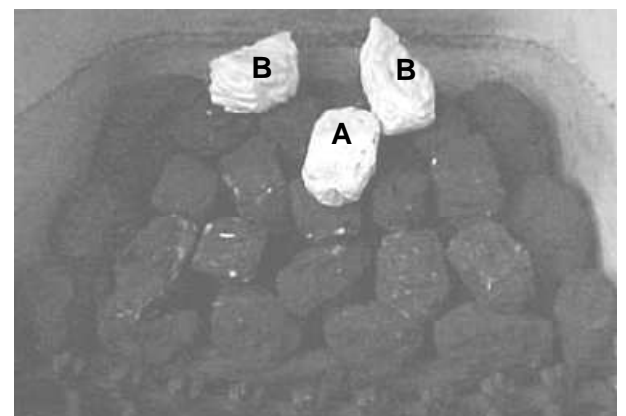
- Lay second row of loose coal 3 off "A" and 2 off "B" coals as shown so that they rest on the high projections of the BASE MATRIX behind the previous row.



- Lay third row of loose coal 3 off "B" and 2 off "A" coals as shown so that they rest on the high projections of the BASE MATRIX behind the previous row.



- Lay last three loose coal 2 off "B" and 1 off "A" coal as shown so that they rest over the last two rows of coals as shown.



- The finished coal arrangement should look as shown



### **FUEL BED LAYOUT (PEBBLE OPTION)**

#### **PEBBLE Fuel Bed Components**

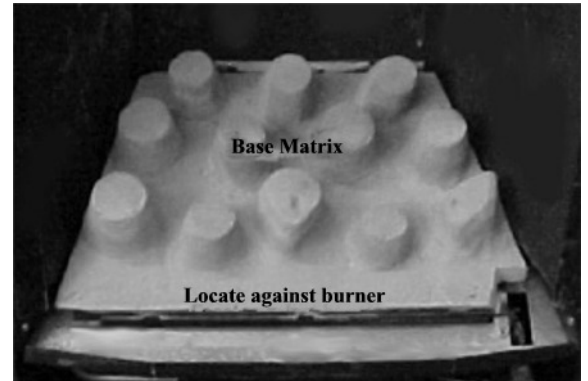
- Base Matrix
- L & R Front Pebbles
- L & R Side Pebbles
- Front Support
- Number Pebbles & Colours as below:-

In the following instructions the number identification of the pebbles must be followed but the letter shown in brackets is used to identify the pebble colour, (b) for beige or, (g) for grey and this is for guidance only.

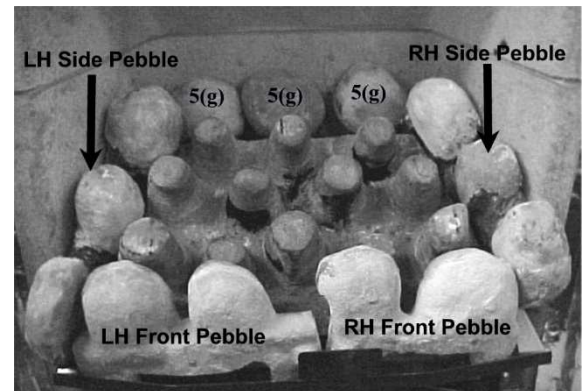
Pebble identification	Coal Numbers	
	Beige	Grey
1	2	1
2	4	2
3	1	
4	2	3
5	3	5
Total	12	8

## PEBBLE LAYOUT

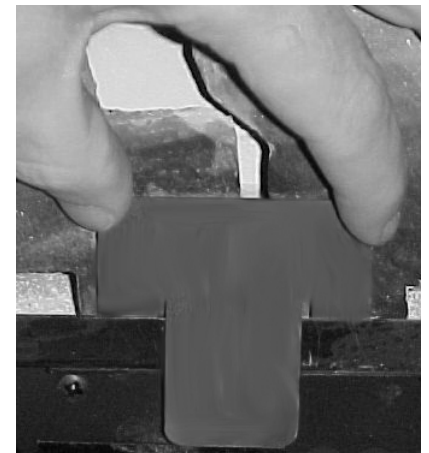
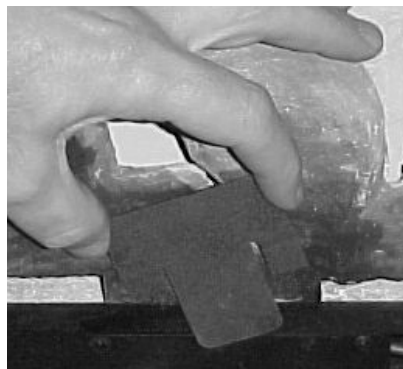
- Ensure the BASE MATRIX is in position as shown located against the rear edge of the burner outlet.



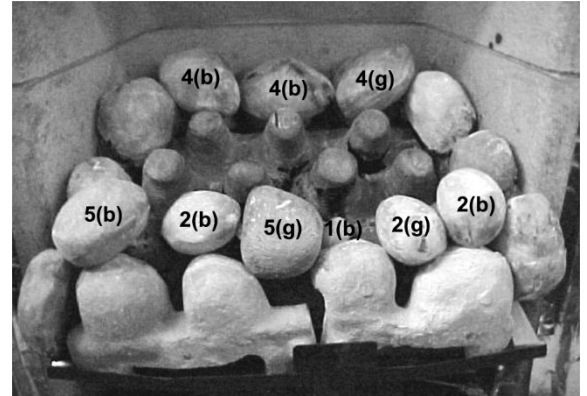
- Ensure the LEFT SIDE PEBBLE is located into the space between the BASE MATRIX and the left-hand side of the fire back with the marking "LH" go against the left-hand inside face of the fire back.
- Ensure the RIGHT SIDE PEBBLE is located into the space between the BASE MATRIX and the right-hand side of the fire back with the marking "RH" go against the right-hand inside face of the fire back.
- Locate the LEFT HAND and RIGHT HAND FRONT PEBBLES as shown so that they sit on the front rail and lean back against the BASE MATRIX. Note it is most important that they are located in their correct positions. They are marked on the rear "L" for LEFT HAND FRONT PEBBLE and "R" for RIGHT HAND FRONT PEBBLE.
- Place a row of pebbles (numbers positioned against the rear of fire) between the base matrix and the rear of the chairbrick as shown.



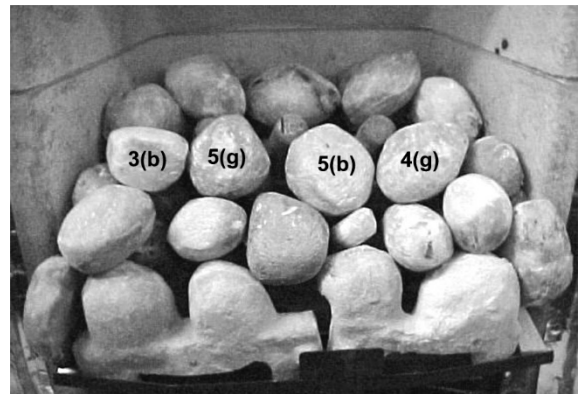
- Slide front support over front edge of fire as shown below.



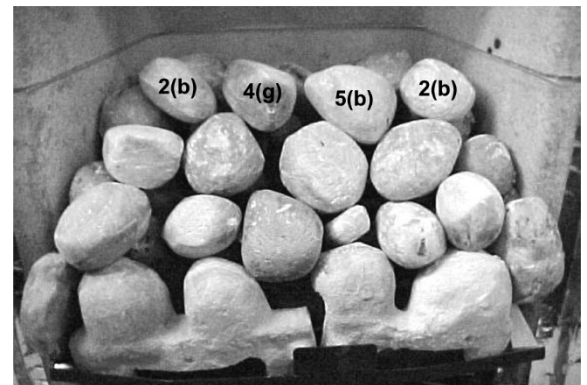
- Lay one row of pebbles at the front of the fire as shown. A second row (numbers positioned toward the rear of fire) is placed between the base matrix and the rear of the chairbrick as shown.



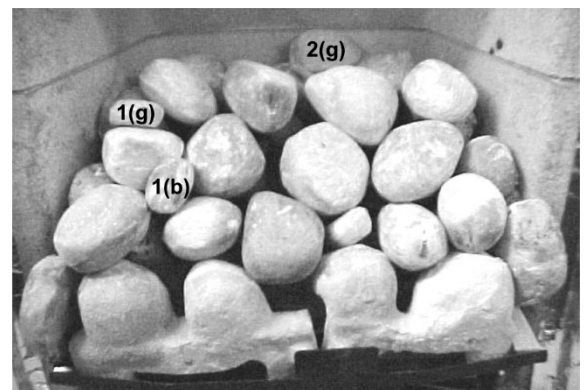
- Lay a row of loose pebbles shown.



- Lay another row of loose pebbles as shown.



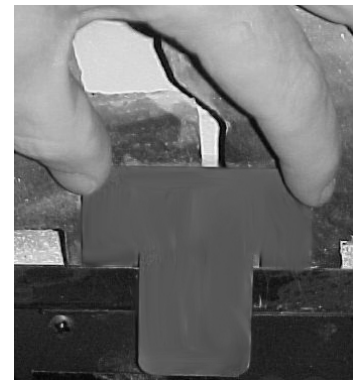
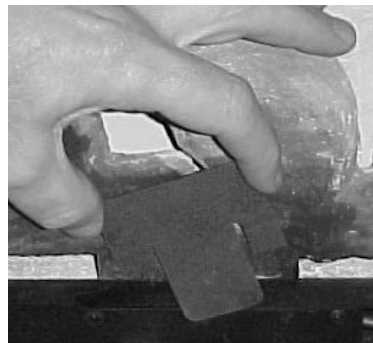
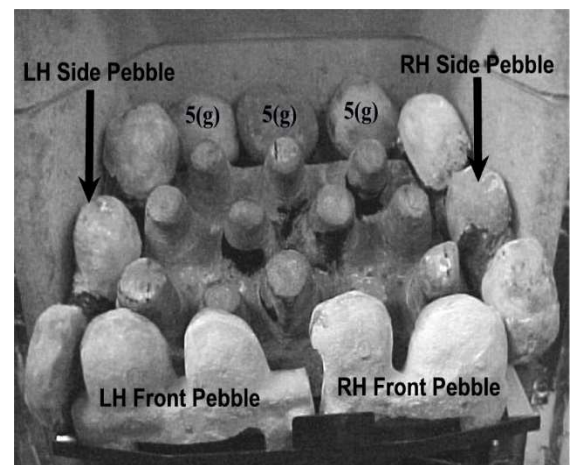
- Lay the three remaining loose pebbles as shown.



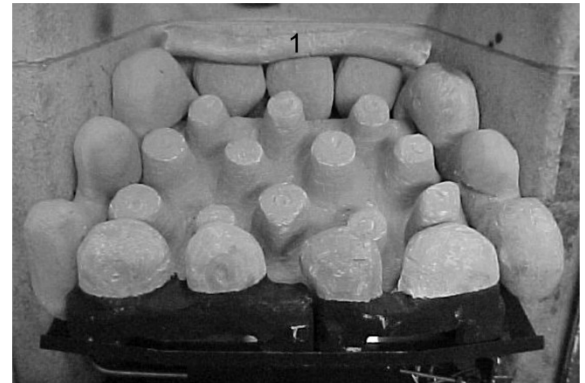
## **FUEL BED LAYOUT (DRIFTWOOD OPTION)**

### **DRIFTWOOD FUEL BED COMPONENTS**

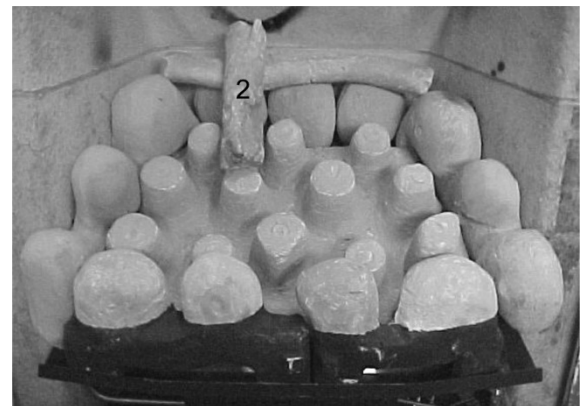
- Driftwood shapes numbered 1 to 10.
  - Three No.5 grey pebbles.
  - Left and right hand front matrices.
  - Left and right hand side pebbles.
  - Base matrix.
- 
- Ensure the LEFT SIDE PEBBLE is located into the space between the BASE MATRIX and the left-hand side of the fire back with the marking "LH" go against the left-hand inside face of the fire back.
  - Ensure the RIGHT SIDE PEBBLE is located into the space between the BASE MATRIX and the right-hand side of the fire back with the marking "RH" go against the right-hand inside face of the fire back.
  - Locate the LEFT HAND and RIGHT HAND FRONT PEBBLES as shown so that they sit on the front rail and lean back against the BASE MATRIX. Note it is most important that they are located in their correct positions. They are marked on the rear "L" for LEFT HAND FRONT PEBBLE and "R" for RIGHT HAND FRONT PEBBLE.
  - Place a row of pebbles (numbers positioned against the rear of fire) between the base matrix and the rear of the chairbrick as shown.
- 
- Slide front support over front edge of fire as shown below.



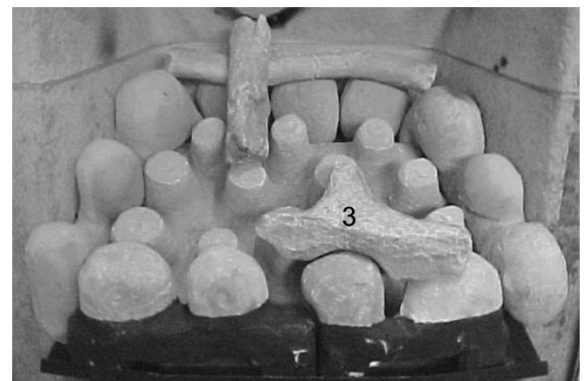
- Place driftwood SHAPE No. 1 at the rear of the appliance as shown. The arrow marked on the base of the driftwood should point to the rear of the appliance.



- Place driftwood SHAPE No. 2 in position as shown. The recess in the base should locate over shape no.1 and the arrow, marked on the base, should point towards the rear of the appliance.



- Place driftwood SHAPE No. 3 in position as shown. The recess in the base should locate over the RH Front Matrix and the arrow, marked on the base, should point towards the rear of the appliance.



- Place driftwood SHAPE No. 4 in position as shown. The arrow, marked on the base, should point towards the rear of the appliance.



- Place driftwood SHAPE No. 5 in position as shown. The arrow, marked on the base, should point towards the rear of the appliance.



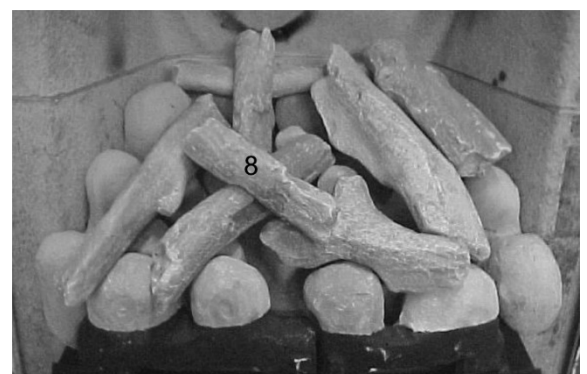
- Place driftwood SHAPE No. 6 in position as shown. The arrow, marked on the base, should point towards the rear of the appliance.



- Place driftwood SHAPE No. 7 in position as shown. The arrow, marked on the base, should point towards the rear of the appliance.



- Place driftwood SHAPE No. 8 in position as shown. The recess in the base should locate over shape no.5 and the arrow, marked on the base, should point towards the rear of the appliance.

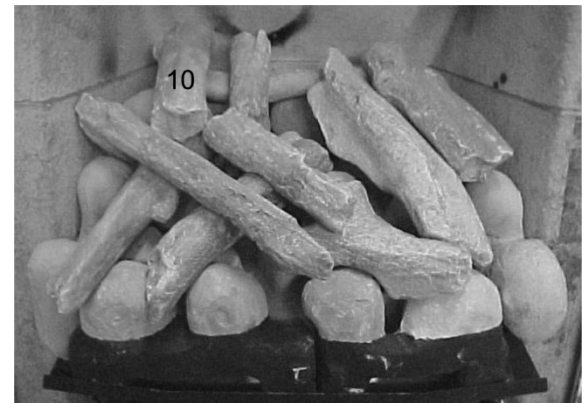




- Place driftwood SHAPE No. 9 in position as shown. The recess in the base should locate over shape no.6 and the short leg should be located behind the LH side pebble. The arrow, marked on the base, should point towards the left hand side of the appliance.



- Place driftwood SHAPE No. 10 in position as shown. The arrow, marked on the base, should point towards the rear of the appliance.



## SECTION FIVE Replacement Parts (user instructions)

The only user removable parts are: -

- The loose pebbles, coals or driftwood
- The left hand front pebble or coal shape
- The right hand front pebble or coal shape
- The right or left hand side pebble or coal shape
- The base matrix
- Cast Fret

## SECTION SIX Appliance Data (installation instructions)

Category of Appliance: ..... B<sub>As</sub>

Category ..... I<sub>2H</sub>(Nat Gas) or I<sub>3P</sub> (Propane)

Overall dimensions: ..... Height (including fuel bed) 300 mm  
 ..... Width 390 mm  
 ..... Depth (without fret) 210 mm

Weight (boxed without fret) ..... 7kg

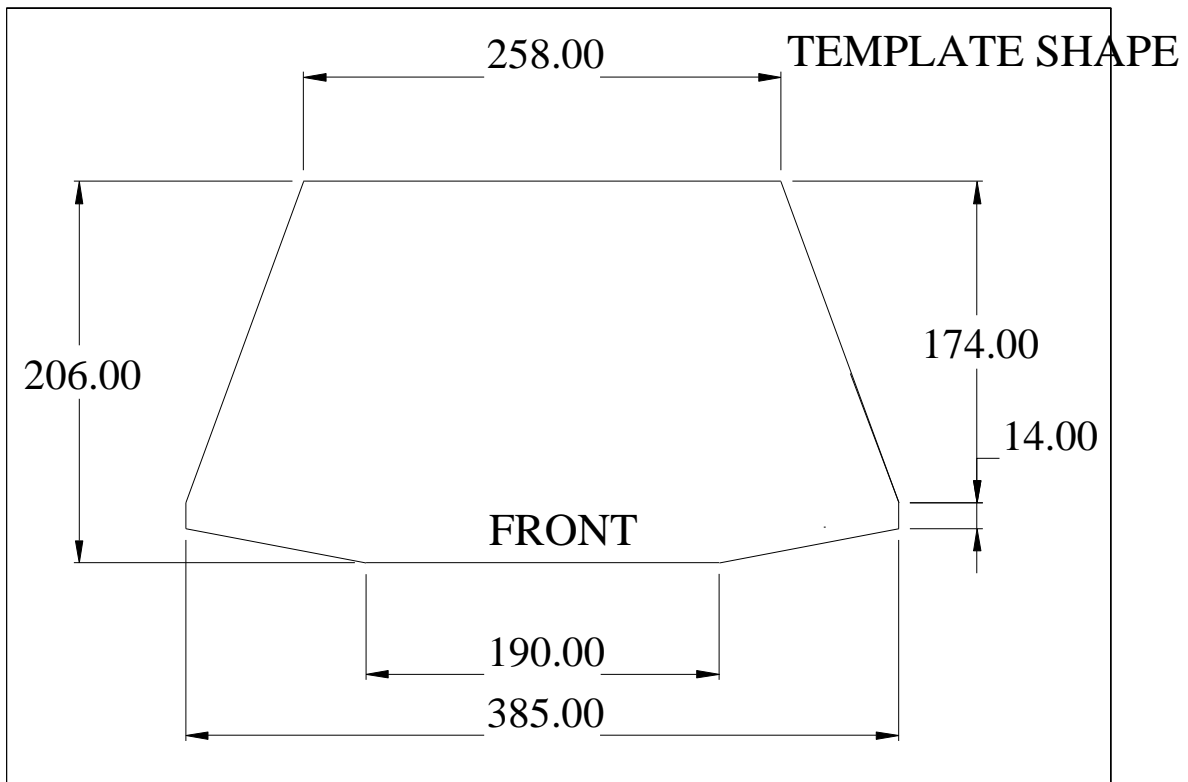
Gas type: ..... G20 Natural ..... G31 Propane

Gas Pressure: ..... 20 mbar ..... 37mbar

	PARAGON 2016	PARAGON 2016Hi	PARAGON 2016
Gas input:	(Nat Gas)	(Nat Gas)	(PROPANE)
Max (Gross).....	7.0kW	9.55 kW	7.0kW
Min (Gross).....	2.40kW	2.40 kW	2.40kW
Injector Main.....	Marked 460	Marked 580	Marked135
Oxy-pilot.....	Marked 9040NG	Marked 9040NG	Marked 9222LPG

Data Label Location..... Swing tab under appliance

Gas Connection..... 8 mm OD Tube



## SECTION SEVEN Regulations and Warnings (installation instructions)

### **DESCRIPTION**

The PARAGON 2016 & 16 Hi are decorative gas fires, designed to fit into a conventional fireplace. Suitable flues for the 2016 are a CLASS TWO flue, 5 " (125mm) diameter clay lined or metal construction and CLASS ONE i.e. a brick chimney minimum size 227mm x 227mm, or 9ins x 9ins or 175mm/7ins diameter lined, fitted with either a 16" or 18" fire back (side cheeks will need to be provided if a 18" fire back is used). The 2016 Hi may only be fitted in CLASS ONE flues. A SATISFACTORY SPILLAGE (clearance of products) TEST MUST BE ACHIEVED IN ALL CASES.

- THIS APPLIANCE MUST ONLY BE INSTALLED IN THE GB OR IRELAND.
- Only to be used in sufficiently ventilated room. Read instructions carefully before installation and use.
- The appliance must be installed by a competent person, i.e. GAS SAFE Registered Installer in accordance with the current Gas Safety (Installation and Use) Regulations 1998 (as amended). Failure to do so could lead to prosecution.
- The PARAGON 2016 is for use ONLY with the GAS STATED ON THE DATA BADGE this may be *G20 for Natural Gas* or *G31 for Propane Gas* CHECK YOU HAVE THE CORRECT APPLIANCE FOR THE GAS YOU ARE USING. There is **not a propane** version of the Paragon 2016Hi.
- A non-combustible hearth must be provided to comply with the building regulations or a suitable proprietary fire surround with a 150 °C rating.
- During initial firing an odour may be evident. This is the binder used during the manufacture of the fibre components and there are no harmful effects produced.

*The following are relevant Codes of Practice and British Standards: -*

BS 8303	BS 5440: Part 1
BS 1251	BS 5440: Part 2
BS 6891	BS 6461: 1
BS 5871	

**Note:- This appliance must be installed to current versions of the above standards and include any relevant amendments.**

### **WARNING**

This appliance has a naked flame, as with all such fires it is recommended that a fireguard should be used for the protection of children, the elderly and infirm. Fireguards should conform to BS 6539 (1984) (Fireguards for use with solid fuel appliances).

Prior to installation, ensure that the local supply conditions and the adjustment of the appliance are compatible (G20 @ 20mbar).

## **HOTBOX INSTALLATION**

Additional requirements when installed with a HOTBOX (Refractory fibre fireback).

This appliance is suitable for installation into a Hotbox provided that: -

- The internal shape and dimensions of the fireback complies with BS 1251: 1987.
- It has an unrestricted top opening with a minimum open area of 24900mm<sup>2</sup> (38.5 sq. inches).
- It is fixed into the fire opening in a position that would normally be taken up if it were a conventional fire back.

## **VENTILATION**

### **PARAGON 2016**

In the *United Kingdom* no special ventilation bricks or vents are required into the room containing the appliance, provided normal adventitious room ventilation exists. The installer must satisfy this point by carrying out a mandatory spillage test.

In the *Republic of Ireland* permanent ventilation must comply with the rules in force.

### **PARAGON 2016 Hi**

In the *United Kingdom* requires 11.25cm<sup>2</sup> (1.8 ins. sq.) purpose-built permanent ventilation.

In the *Republic of Ireland* permanent ventilation must comply with the rules in force

## **CLEARANCE TO SHELVES**

Minimum clearance to underside of a 150mm (6ins) combustible shelf from the top of the fire opening must be 140mm (5<sup>1</sup>/<sub>2</sub>ins). Add 12.7mm (<sup>1</sup>/<sub>2</sub>in) to this clearance for every 25mm (1in) increased depth of shelf.

## **CLEARANCE TO SIDE**

Minimum clearance required to any combustible material to the side of the appliance must be 160mm (6<sup>1</sup>/<sub>4</sub>ins).

## SECTION EIGHT To Install the Appliance (installation instructions)



Prior to any installation-taking place, the flue must be checked for satisfactory operation, a smoke test must be carried out to determine that all the smoke is drawn into the flue.

The builders opening must be constructed of non-combustible material.

Any permanent flue restriction must be removed and any variable dampers locked fully open or removed. The chimney flue must be swept prior to installation unless new. The gas installation must use rigid or semi-rigid tube.

A non-combustible hearth must be provided beneath the appliance within the fireplace opening. A fire-resisting hearth must also be provided symmetrically disposed about the fireplace opening a minimum thickness of 12.7mm with the perimeter 50mm above floor level. The width must extend a minimum of 150mm either side of the fireplace opening and a depth of 300mm from the front face of the opening.

Purpose built superimposed fire resisting hearths and back panels rated 150°, or specified as suitable by the manufacturers, may be used.

If an existing refractory fireback (chairbrick) is fitted care must be taken to ensure that the depth of the opening is no less than 205mm from the front face of the surround. This is to ensure that no part of the unit with a luminous flame extends beyond the front face of the opening.

Site the unit as far back as possible whilst maintaining a central position in the opening, establish where the fixing holes are to be. Having decided the preferred position, mark and drill suitable holes use masonry fixing plugs and screws and secure unit in position.

### **CONNECTING THE GAS SUPPLY**

Determine where the gas supply is to be connected to the appliance. This may be done from the front of the unit from either the left or right side, or a concealed fitting from the rear. An isolation tap must be fitted.

If the supply is to be a concealed connection it would be advisable to route the supply to the right of the unit, taking into account the requirements of BS 6891 1998 dealing with enclosed pipes.

Connections may be made from the front of the appliance from either the left or right in 8mm diameter pipe. If a left hand connection is required the tube should be routed under the gas control unit behind the appliance fascia. The inlet elbow should be rotated to the required position and the 8mm gas pipe formed to route into the inlet elbow. If a concealed connection is made a 8mm-restrictor elbow can be positioned under the fire on the right hand side with a compression connection at each outlet. A suitable isolating cock must be fitted in the supply feed to the fire to facilitate servicing.

## **CHECKING GAS SOUNDNESS**

Check for gas soundness in accordance with current code of practice.

## **FUEL BED LAYOUT**

***Important:*** - Refer to Health & Safety Notice (See Page 5) at the front of this booklet before proceeding.

Lay fuel bed as shown in User's Section of these instructions.

## **CHECKING OPERATION OF FIRE**

Remove the screw from the pressure test point on the inlet elbow and fit pressure gauge. Turn on gas to the appliance. Purge the air from the appliance by rotating the control to the ignition position; push in to allow the air in the pipework to be purged and the piezo to ignite the pilot. Check that the electrode is sparking between the gap of the pilot burner and continue until pilot ignition is established. Depress the control knob slightly and rotate anti-clockwise until the index symbol is aligned with the 'D' on the indicator label, release and allow the appliance to run for a period of approximately 5 minutes. Check the inlet pressure is  $20 \pm 1$  mbar for Natural Gas (G20) or  $37 \pm 1$  mbar for Propane Gas (G31).

## **CHECKING FOR PRODUCT CLEARANCE**

Check for satisfactory clearance of combustion products by inserting a lighted smoke match under the top edge of fire opening after the appliance has been burning 10 minutes. All the smoke must be drawn into the flue. Should spillage still occur, examine the chimney for the fault and rectify. The test should be carried out with all doors and windows closed. If an extractor fan is situated in the room this test should be repeated with the fan running. If there is a connected room with an extractor fan, the test should be repeated with all doors to that room opened and the extractor fan running.

Turn OFF the gas supply to the fire, remove the pressure gauge and then turn the gas supply ON. Fit the fire front. Demonstrate the lighting and extinguishing procedures to the user.

## **ADVISE THE CUSTOMER THAT:**

The curing effect of heating the fuel bed components and other refractory components will cause an initial odour. This is due to the starch used in the manufacturing process and is non-toxic.

Any debris should be cleaned from the appliance. A vacuum cleaner can be used but only after all the loose fuel bed components have been removed. The appliance should be serviced annually by a competent person in accordance with these instructions and the appliance checked for spillage in accordance with the method detailed in these instructions

**HAND THESE INSTRUCTIONS OVER TO THE USER.**

## SECTION NINE Maintenance Instructions (maintenance instructions)

- Servicing should be carried out annually by a competent GAS SAFE-registered person in accordance with the relevant regulations, to ensure the safe and correct operation of the appliance.
- Before commencing any service or replacement of parts, turn off the main gas supply. After servicing check for gas soundness.
- When ordering spare parts please quote appliance name and serial number, these can be found on the data badge that is located on a swing tab under the appliance.
- At least once a year check for debris in the catchment area behind the fire and in the flue way.

**Important: - Refer to Health & Safety Notice (See Page 3) at the front of this booklet before proceeding.**

- If soot has accumulated check to establish cause, rectify and clean flue or chimney accordingly.
- Examine the fuel bed components for signs of cracking and replace if necessary. (IMPORTANT) The loose fuel bed components should only be replaced as a complete set with no extra components added.

### PILOT LINTING

Check pilot aeration holes for linting; use a vacuum cleaner nozzle taking care not to damage the pilot head.

### REPLACEMENT OF GAS CONTROL

1. Remove fire fret.
2. Turn off the gas supply by isolating cock and disconnect from the gas supply at inlet elbow.
3. Remove all loose fuel bed components.
4. Remove 2 lower screws in the front fascia fixing fire unit into the fire opening.
5. Disconnect the pipe from the gas control to the main injector.
6. Disconnect the supply pipe to the gas control.
7. Disconnect the pipe from the gas control to the pilot burner
8. Disconnect the thermocouple connection from the rear of the gas control.
9. Pull off control knob and remove carefully the ignition cable from its connection on the gas control.
10. Remove 2 screws securing gas and lift away the gas control.
11. Re-assemble the in reverse order and check assembly for gas soundness.
12. Turn on the gas supply, check for soundness and recommission appliance.

### REPLACEMENT OF INJECTOR

1. Repeat operations 1-4 for removal of gas control.
2. Remove the two screws securing the burner and lift the burner carefully away take care not to damage the silencer that is held in place at the injector end of the burner.
3. Lift away the silencer; noting its position the cut out slot pointing down, it must be put back in exactly the same orientation.
4. Unscrew the locking nut fixing injector to mounting bracket and silencer retaining bracket clean or replace as necessary.
5. Re-assemble the in reverse order and check assembly for gas soundness.
6. Turn on gas supply, check for gas soundness and recommission appliance.

## **REPLACEMENT OF OXY-PILOT ASSEMBLY**

**NOTE:** If the pilot assembly is replaced it must be replaced by an identical unit from the same manufacturer and replaced as a complete unit it is a NON SERVICABLE ITEM.

1. Repeat operations 1-4 for removal of gas control.
2. Disconnect the pipe from the gas control to the pilot burner
3. Disconnect the thermocouple connection from the rear of the gas control.
4. Remove ignition lead from pilot assembly.
5. Remove the two screws securing the oxy-pilot to the burner.
6. Before replacing ensure the code number for Oxy-Pilot replacement is suitable.
7. Re-assemble the in reverse order and check assembly for gas soundness.
8. Turn on the gas supply, check for gas soundness and recommission appliance.



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## GAS FIRE COMMISSIONING CHECKLIST

This Commissioning Checklist is to be completed in full by the competent person who commissioned the gas fire as a means of demonstrating compliance with the appropriate Building Regulations and then handed to the customer to keep for future reference.

Failure to install and commission according to the manufacturer's instructions and complete this Benchmark Commissioning Checklist will invalidate the warranty. This does not affect the customer's statutory rights.

Site Requirements	Yes	N/A
Was the chimney checked to ensure it only serves one flue/fire, has no obstructions and is continuous?		
Has any debris at the base of the chimney been removed?		
For brick chimney installations is there enough depth for 12 litres of debris, or precast flues 2 litres of debris? (see instructions for debris gap details)		
Have damper and register plates been removed or locked in the fully open position ensuring correct size of flue is maintained?		
If previously used for solid fuel has the chimney been thoroughly swept?		
If the chimney is pre-cast has the inside of the flue been checked for extruded cement / sealant which must be removed?		
Has the fire place been checked for under-floor air supply which must be sealed off?		
Has the chimney been inspected prior to fitting the gas fire to ensure that it is in good condition?		
Has the structure of the chimney been checked for leakage using a smoke pellet test? (See BS5440-1 for details).		
<b>Ventilation</b>		
Does the installation require any additional ventilation requirements as detailed in the manufacturer's instructions?		
<b>Hearth Requirements- where fitted</b>		
Is the hearth constructed from non -combustible material?		
Is the hearth a minimum of 12mm thick with a minimum floor to top surface of 50mm?(BS5871) or as per manufacturer's instructions?		
Is the hearth for open fronted fires a minimum of 760mm wide and has 300mm projecting from the fire opening (BS6871) or to manufacturer's instructions?		
Mounting height (where applicable) has the fire been installed to the correct mounting height- as per manufacturer's instructions?		
<b>Firebox and Fuel Bed</b>		
Has the fuel bed, coals, pebbles etc. been fitted to manufacturer's instructions?		
<b>Gas Supply</b>		
Has an isolation tap/restrictor inlet elbow been fitted for servicing?		
Has the gas supply been thoroughly purged prior to connection to remove any debris?		
Has a gas tightness test been completed prior to breaking into the gas supply and following completion of installation?(IGEM/UP/1B)		
Record burner gas pressure reading? If only the supply pressure is available a gas rate must be undertaken.(GSIUR REG26/9C)		
Record dynamic inlet gas pressure (working pressure) reading (all gas appliances running)		
<b>Spillage test</b>		
Installation passes smoke match test with any extractor fans turned on (see manufacturer's instructions)		
<b>Installation</b>		
Has the gas fire been installed and commissioned in accordance with manufacturer's instructions?		
Has the fire been installed with the correct clearance to combustible materials, as per manufacturer's instructions?		
The operation of the appliance and controls have been demonstrated to the customer including battery replacement where applicable?		
The manufacturer's literature, including Benchmark Checklist and Service record has been explained and left with the customer?		
Has the appliance been registered with the Local Authority as detailed on the Gas Safe web site and is a legal requirement and forms part of the warranty?		
Customer's Signature: (To confirm satisfactory demonstration and receipt of manufacturer's literature)	Commissioning Engineer's Signature:	

\*All installations in England and Wales must be notified to be Local Authority Building Control (LABC) either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer.

# SERVICE RECORD



It is essential that your gas fire is serviced regularly and that the appropriate Service Interval Record is completed. Service Provider

Before completing the appropriate Service Record below, please ensure you have carried out the service as described in the manufacturer's instructions. Always use the manufacturer's specified spare part when replacing controls.

<b>SERVICE 01</b>	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

<b>SERVICE 02</b>	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

<b>SERVICE 03</b>	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

<b>SERVICE 04</b>	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

<b>SERVICE 05</b>	Date:
Engineer name:	
Company name:	
Telephone No:	
Gas safe register No:	
Comments:	
Signature	

<b>Product</b>	<b>0317</b>	<b>Serial No</b>	<b>BX</b>
<b>ID Label</b>	<b>0528</b>	<b>Prefix</b>	<b>CT</b>

Burner Tray / Box Assembly		
Coal Set (2547)		
Coal Set (2459)		
Restrictor Elbow		
Front Support		
Owners Book		
Warning Label		
Serial No:		
Inspector		

<b>Product</b>	<b>0531</b>	<b>Serial No</b>	<b>BX</b>
<b>ID Label</b>	<b>0532</b>	<b>Prefix</b>	<b>CT</b>

Burner Tray / Box Assembly		
Pebble Set (2967)		
Pebble Set (3066)		
Restrictor Elbow		
Front Support		
Owners Book		
Warning Label		
Serial No:		
Inspector		

<b>Product</b>	<b>0628</b>	<b>Serial No</b>	<b>BX</b>
<b>ID Label</b>	<b>0630</b>	<b>Prefix</b>	<b>CT</b>

Burner Tray / Box Assembly		
Driftwood Set (3346)		
Pebble Set (3066)		
Restrictor Elbow		
Front Support		
Owners Book		
Warning Label		
Serial No:		
Inspector		