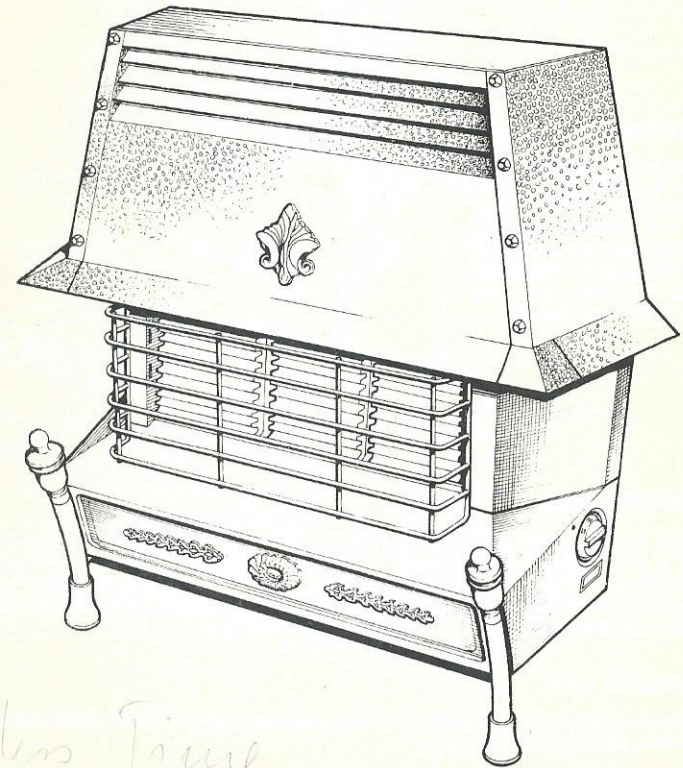


USERS INSTRUCTIONS

Windsor

RADIANT CONVECTOR GAS FIRE



Fitter's Time

1 per - 4:30 min.

1 Fitter - 1 day

PARKINSON COWAN APPLIANCES LTD
STECHFORD • BIRMINGHAM • B33 9AD

Drg. No. 41710

Parkinson Cowan Appliances



The Windsor gas fire is specially designed to work on Towns Gas or Natural Gas. It gives out approximately half its heat by radiation and half by convected warm air which circulates around the room.

Fresh air is kept circulating around the room while the fire is being used which prevents the feeling of stuffiness found with some forms of heating. The room will be raised to a comfortable temperature quickly and the fire can then be turned down low enough to prevent overheating of the room. The fire is lit by a crystal spark system. There are no batteries or flints to replace.

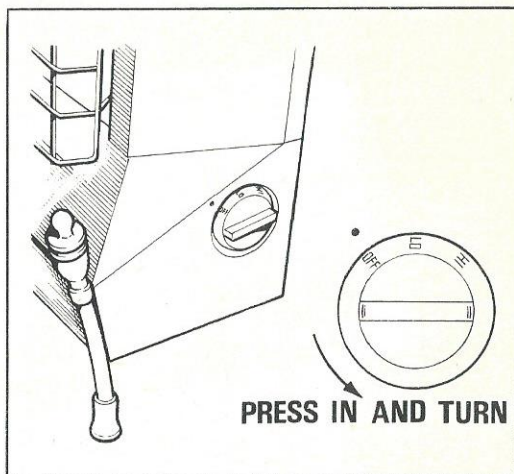


Diagram 1

1. LIGHTING

Push the control knob in (see Diagram 1) and turn it slowly in an anti-clockwise direction to the 'HI' marking on the knob. There will be a *click* as the fire lights. If the fire does not light first time turn the knob to 'OFF' and repeat.

2. CONTROLLING

When the fire has been lit it will be full on and should be left until the room has reached a comfortable temperature. Then the control knob can be turned to any setting between 'HI' and 'LO' to provide the required degree of comfort. In an average room the 'LO' setting should be enough to keep the room at a comfortable temperature except on very cold days.

3. TURNING OFF

Press the control knob in and turn it to the position marked 'OFF'. Allow 90 seconds delay before lighting the fire again.

4. CLEANING

Allow the fire to cool down for at least half-an-hour before cleaning. The dress guard may be removed for cleaning by pressing it in at each end and springing it out from its location points in the bottom of the side reflectors (see Diagram 2). The chrome plated reflector may now be cleaned with a damp cloth, wrung out in warm soapy water. Polish with a dry duster or paper kitchen towel.

The radiants are made of fragile refractory material and no attempt should be made to clean them. Any part of the fire may be wiped down using warm soapy water. Abrasives and detergents must not be used.

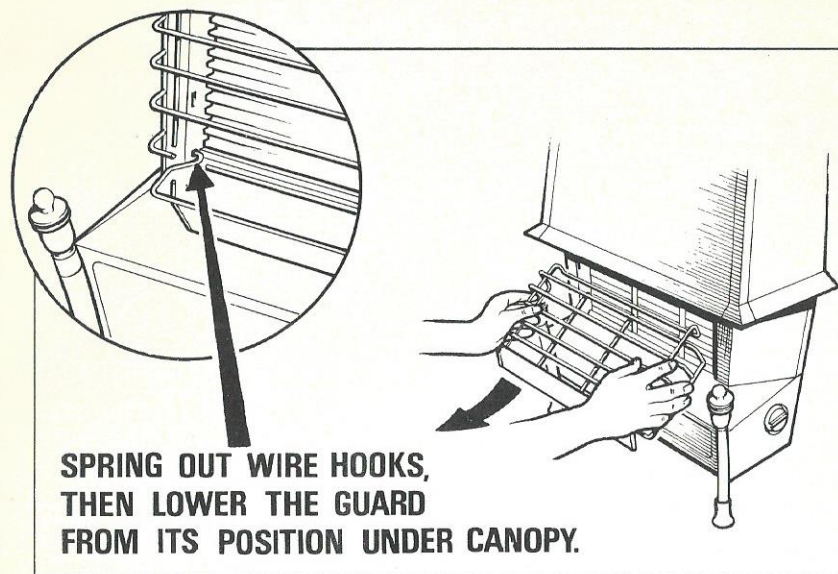


Diagram 2

5. RADIANT REPLACEMENTS

- (i) Remove the dress guard by pressing it in at each end and springing it out of its location points in the side reflectors. Lift the damaged radiant until its base clears the lower chrome plated reflector and then gently bring it out, base first. Remove any small pieces that may be left behind.
- (ii) Place the new radiant in the fire by putting the top beneath the inside cowl and raising it until the bottom clears the chrome plated reflector. Then gently lower the radiant into position in line with the other radiants (see Diagram 3).
- (iii) Replace the dress guard.

6. SPARES AND SERVICING

For spares and servicing apply to the local supplier or GAS BOARD stating that the fire is a Parkinson Cowan WINDSOR Gas Fire.

7. THE DRESS GUARD

The dress guard is designed to avoid the risk of accidental fire or burns and must be fitted when fire is in use. It does not give complete protection for the young, the elderly or the infirm for whom the law requires a fire guard to be used.

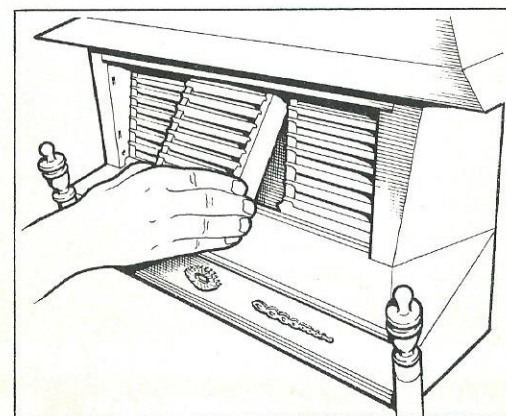
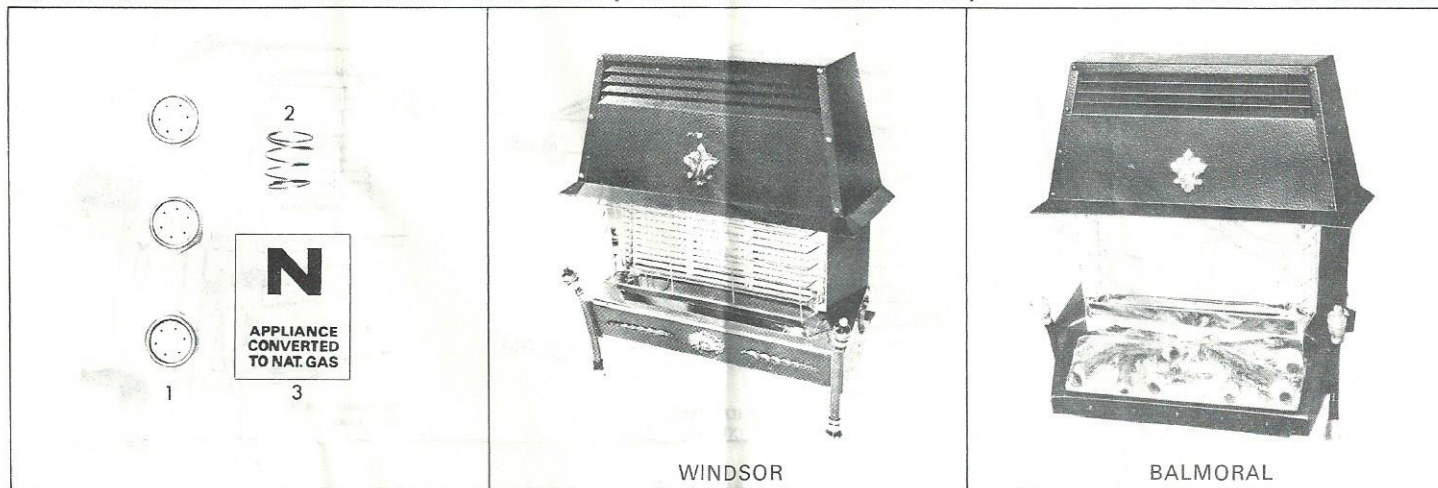


Diagram 3



SCHEDULE OF PARTS INCLUDED IN SET NUMBER CMD3546

Key No.	British Gas No.	Description	No. Off	Maker's Part No.
1	131 520	Natural Gas Injector Size 'Z'	3	51665
2	381 361	Natural Gas Governor Spring. (Copper finish)	1	50690
3	131 196	Natural Gas Identification Badge (N)	1	24710

NOTE.—A cardboard sleeve is incorporated in the Conversion Set to facilitate the replacement of injectors. After use the sleeve is discarded.

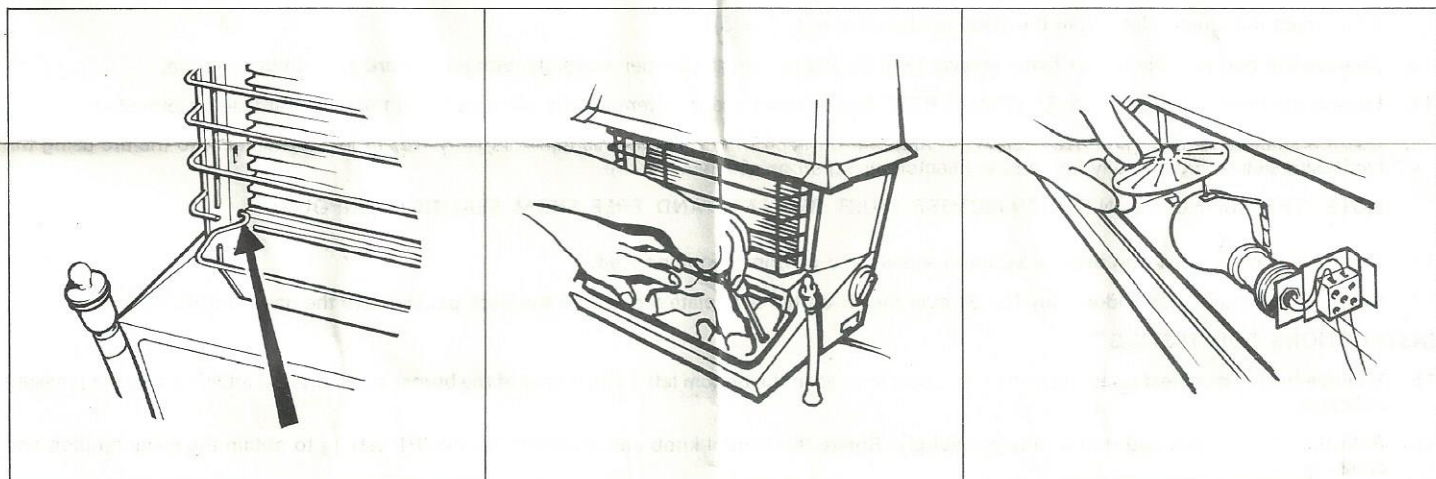


FIG. 1

FIG. 2

FIG. 3

CONVERSION INSTRUCTIONS

Before commencing the conversion, ensure that the appliance and its model name correspond with that given on the Conversion Instructions.

The appliance identification badge is located on the right-hand side of the appliance, below the control panel. Check that the component parts of the conversion set are complete as listed.

TURN OFF GAS SUPPLY. DISCONNECT ELECTRICITY SUPPLY IF LOG EFFECT IS FITTED.

1. Remove the dressguard by springing out the location tag at the bottom of one reflector cheek (Fig. 1) and pull guard free of fire.
2. As applicable: Remove the two screws (one each side) which secure the log effect to its mounting box. (Fig. 2). Lift out the fuel panel and using care remove the flicker vane from pivot needle (Fig. 3).

PARKINSON COWAN APPLIANCES LTD.
 STECHFORD BIRMINGHAM B33 9AD

**WINDSOR RADIANT
 CONVECTOR GAS FIRE**

**BALMORAL RADIANT
 CONVECTOR GAS FIRE**

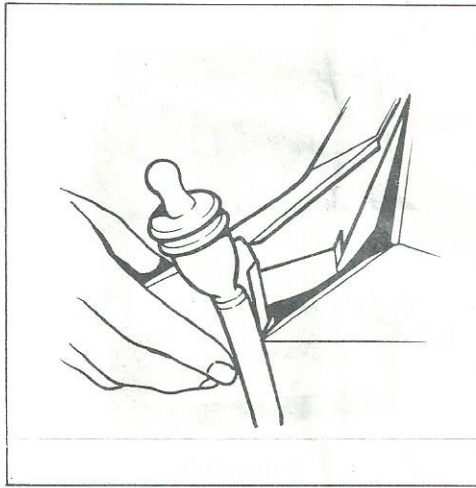


FIG. 4

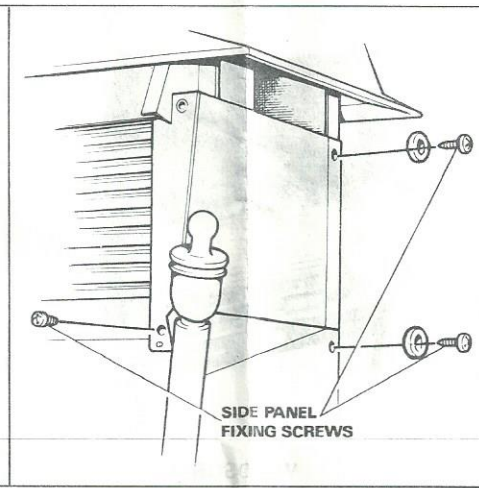


FIG. 5

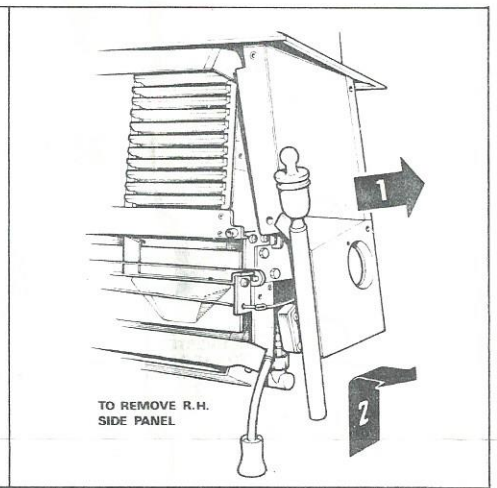


FIG. 6

3. With care to avoid scratching the decorative legs, remove the front bezel, or log effect box unit (as applicable) by sliding it upwards and clear of its locations behind the legs (Fig. 4).
4. Remove the control knob. Release the right-hand side panel by taking out the two pozidriv screws on the side and the one pozidriv screw on the front edge of the panel (Fig. 5). On fires with a log effect unit, the heat deflector plate must also be removed by undoing the screw in the front of the left-hand side panel before the right-hand side panel can be removed.
5. Pull the back of the right-hand side sufficiently to the right to clear the backpanel. Lift the bottom front edge of the panel sufficiently to dislodge the decorative leg location, lower and remove the right-hand side panel. (See Fig. 6).
6. Slacken the locknut on the governor adjuster screw and withdraw the screw and governor spring.
7. Remove and discard the spring. Fit the natural gas spring (copper finish) (Key No. 2) to the screw. (See Fig. 7).
8. Re-fit the adjusting screw and spring to the governor, but do not tighten the locknut.
9. Disconnect the ignition lead from the electrode terminal rod. (Fig. 8).
10. Remove the two pozidriv burner fixing screws (Fig. 8) and remove the burner assembly with an upward and outward action.
11. Loosen the three injectors using $\frac{3}{16}$ " Whit. $\frac{1}{4}$ " B.S.F. box spanner and then remove the injectors using the cardboard sleeve provided.
12. Using a small amount of approved sealing compound on each of the natural gas injectors (Key No. 1) loosely fit them to the fire using the cardboard sleeve. Fig. 9. Fully tighten the injectors using a box spanner.

NOTE: THE SIX HOLES IN THE INJECTORS MUST BE CLEAN AND FREE FROM SEALING COMPOUND.

13. Refit burner assembly using original securing screws and reconnect ignition lead.
14. Stick the 'N' natural gas badge (Key No. 3) over the 'T' on the data plate located on the back panel above the gas controls.

INSTRUCTIONS FOR TESTING

15. Remove the pressure test screw from the test nipple located at the bottom left-hand corner of the burner assembly and attach a suitable pressure indicator.
16. Refit the control knob and turn on the gas supply. Rotate the control knob anti-clockwise to the 'HI' setting to obtain the spark ignition and cross-lighting.
17. Adjust the governor setting screw to give a pressure of 17.5 MBAR (7 in. W.G.). Correct setting and operation should give cone heights of between 6 to 13 mm ($\frac{1}{4}$ " to $\frac{1}{2}$ "). Tighten the governor locknut and test for gas soundness. Turn off fire. Heat input 'HI' - 19 MJ/h (18,000 Btu/h).
18. Re-fit the pressure test screw and recheck ignition and cross lighting. Turn off fire and remove control knob.
19. Re-assemble fire by reversing operations 1 to 5 inclusive.

N.B.—Log effect fires must have the heat deflector panel fitted and the flicker vane must be able to rotate without touching any surrounding surface.

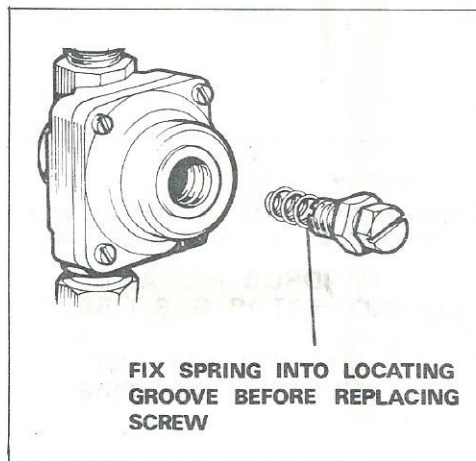


FIG. 7

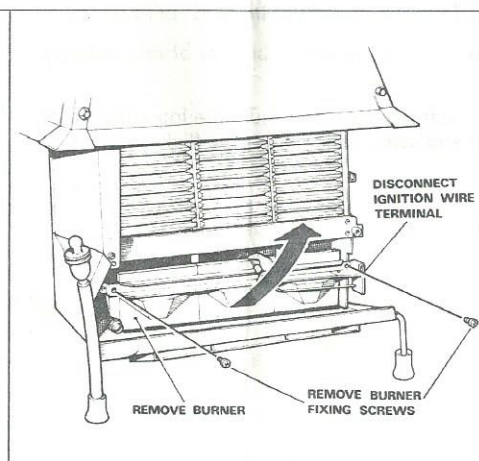


FIG. 8

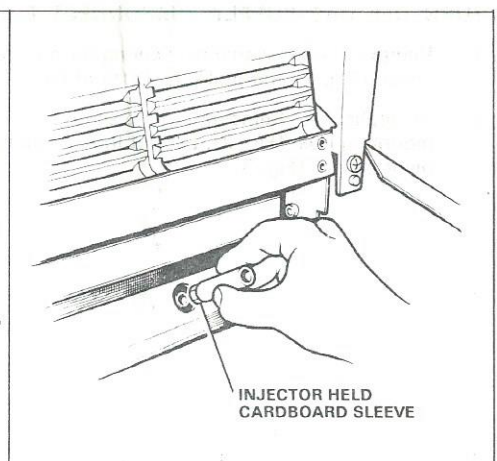


FIG. 9