

Installer's Guide - BP2000

**Suprema
30HE - 80HE**

Contents of the Package

Programmer, Fixing Kit, Customer's Guide & Installer's Guide (this one).

Data

Supply Voltage: 230V AC 50HZ. Switch Rating: 2 Amps Resistive/1 Amp Inductive. Max. Ambient Temp: 60 °C.

Installing the Programmer

Note: See over page for a drawing of the installation and wiring layouts.

1. Ensure that the electricity supply to the boiler is switched Off and isolated.
2. Pull the door panel down and remove the two securing screws. Slide off the controls cover assembly and put safely aside.
3. Carefully remove the blanking panel from the fascia. Stick the programmer instruction label adjacent to aperture.
4. Remove the securing screw and pull the wiring tray fully forwards.

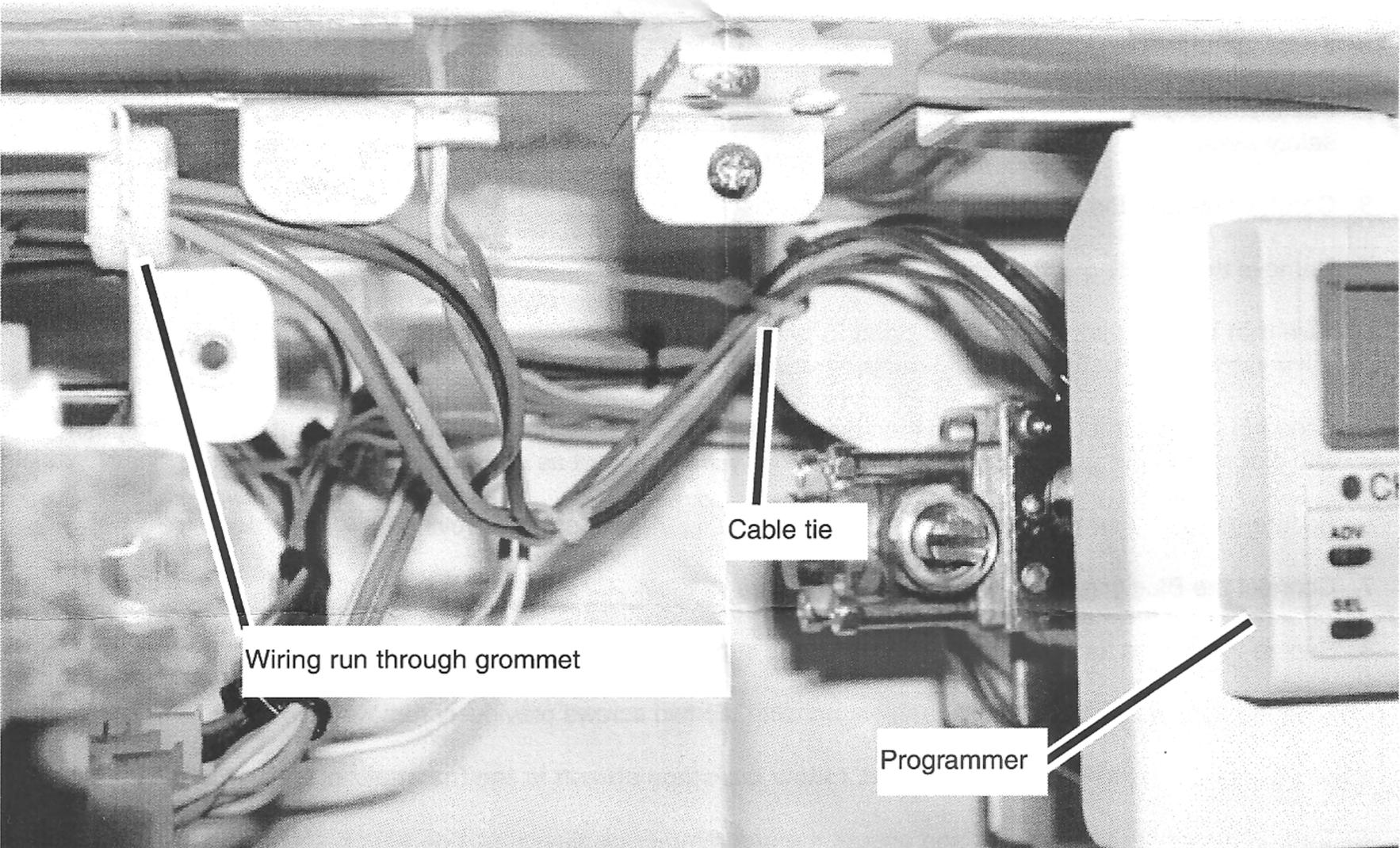
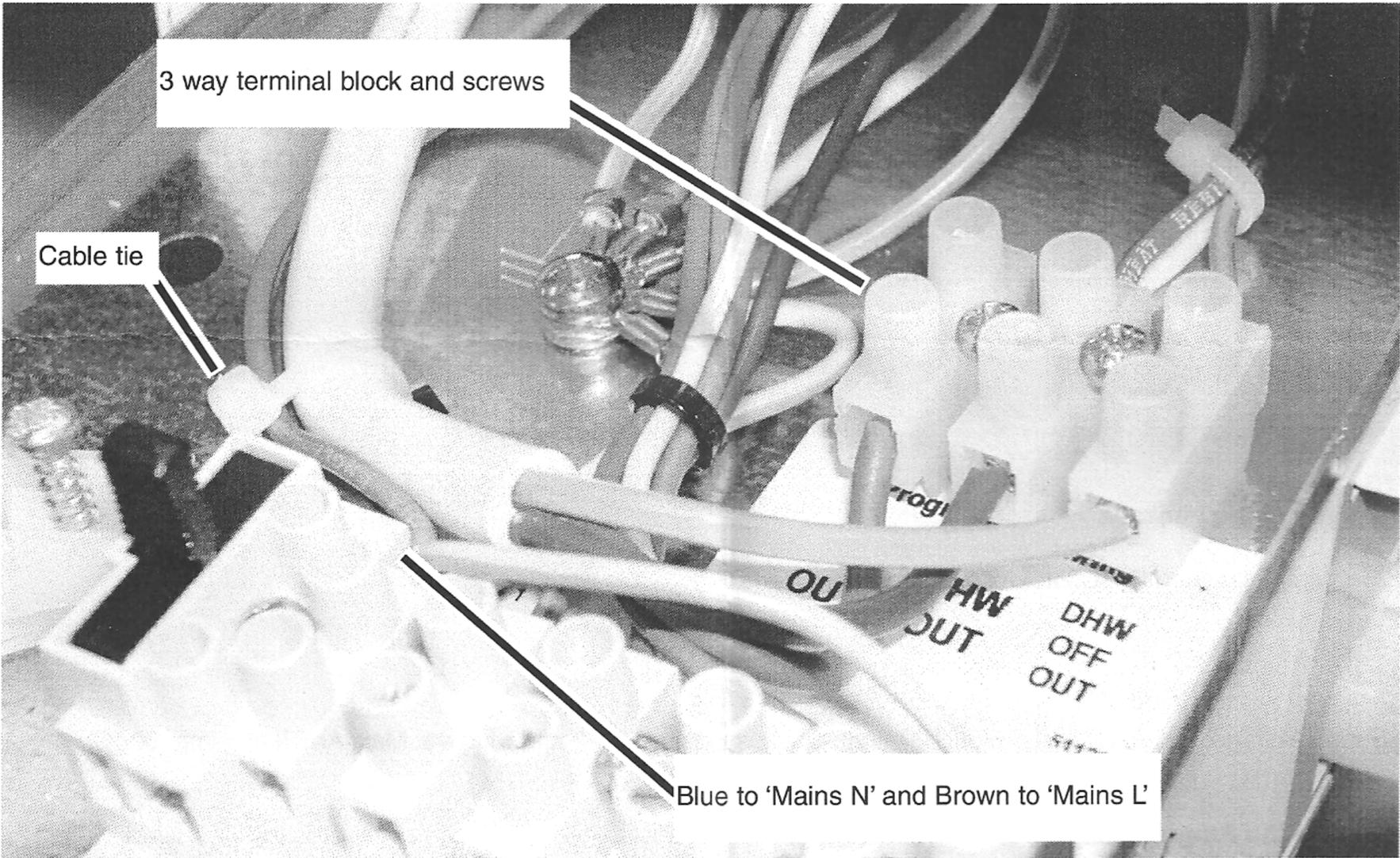
Ensure that external wiring, once clipped in place, contains enough slack for the wiring tray to be pulled fully forwards and pushed back on subsequent visits.

5. Feed the wiring through the cutout then locate the clips on the programmer into the cutout then gently push it into place. The wiring enters the wiring tray through the grommet as shown.
6. Secure the 3 way terminal block to the wiring tray using the two screws provided.
7. Connect the Blue wire to 'Mains N' and Brown wire to 'Mains L' on the 7 way terminal block.
8. Secure the cables as shown using the cable ties supplied.
9. Refit the controls cover assembly and secure with the two screws previously removed.

If the boiler has yet to be commissioned, follow the steps shown in the Installation & Service Instructions.

10. Turn on the power to the boiler and ensure the programmer display comes on after 5 seconds, at which point the programmer is ready to be set up.

Important: If the batteries in the programmer are to be replaced they should be safely disposed of as they contain hazardous materials.



Customer's Guide for the BP2000

The Programmer and Your System

You have a BP2000 programmer, with which you can set your HOT WATER and/or CENTRAL HEATING to come on for two time periods per day, with separate times for HOT WATER and CENTRAL HEATING.

It will take time for the boiler to reach temperature, so set the programmer to switch on, for example, half an hour earlier than when you require HW or CH.

Other controls in your system (such as room, boiler and cylinder thermostats) may affect the switching of your boiler. So although the indicators may show that heating is on, the boiler itself could be off. (Ask your installer how they work).

Gravity Systems - Kingfisher MfL Only

Where fitted to a system with full independent HW & CH temperature control, all programme options will be available.

Where fitted to an existing system without independent HW temperature control, not all possible programme options will be available (i.e. CH will not operate separately from HW). (Ask your installer what type of system you have).

Setting the Programmer

Set the current time of day as shown overleaf, the programmer will become active and operate to the default On/Off times for Central Heating and Hot Water.

The default times for Central Heating and Hot Water are:

ON1	OFF1	ON2	OFF2
6.30am	9.30am	4.30pm	10.30pm

The procedure for setting your own ON/OFF times for Central Heating and Hot Water is shown overleaf.

To return to the default On/Off times, ensure the programmer is in 'Normal Operation' mode (see overleaf) then press and hold the  and  buttons at the same time. After two seconds or so, release the buttons.

Programmer Memory Backup

If the electricity fails or is switched off, the display will go blank, but the programmer will maintain the set times and the clock for 12 hours. If more than 12 hours before power restores, you may have to reset the clock and switch times.

Note: During the time that the electricity is off, any electrical items, e.g. Boiler, pumps, etc. will not operate.

Fault Finding Your System

Symptom	Possible Fault
No clock display.	<ol style="list-style-type: none"> 1. Check mains supply switch to boiler is on. 2. Check mains supply fuses to boiler are OK.
Buttons will not function.	<ol style="list-style-type: none"> 1. ADV buttons will not work if the HW or CH is set to OFF. 2. ADV or CH SEL buttons will not work if PROG is selected.
Heating & Hot Water will not work.	<ol style="list-style-type: none"> 1. Check supply to boiler is on. 2. Check mains supply fuses to boiler are OK. 3. Check clock is showing right time of day. 4. Check that the relevant programmer light is on. 5. Check that the room and/or cylinder thermostat are calling for heat.
Hot Water channel will not work independantly from Heating.	Your system may be a 'gravity' type without full controls and the programmer will only operate CH and HW at the same time (Kingfisher MfL Only).
Incorrect time displayed.	Set correct time.

If normal operation cannot be achieved by the above remedies, reset Programmer by pressing **+** & **-** buttons at the same time (time of day and On/Off times may need to be reset).

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