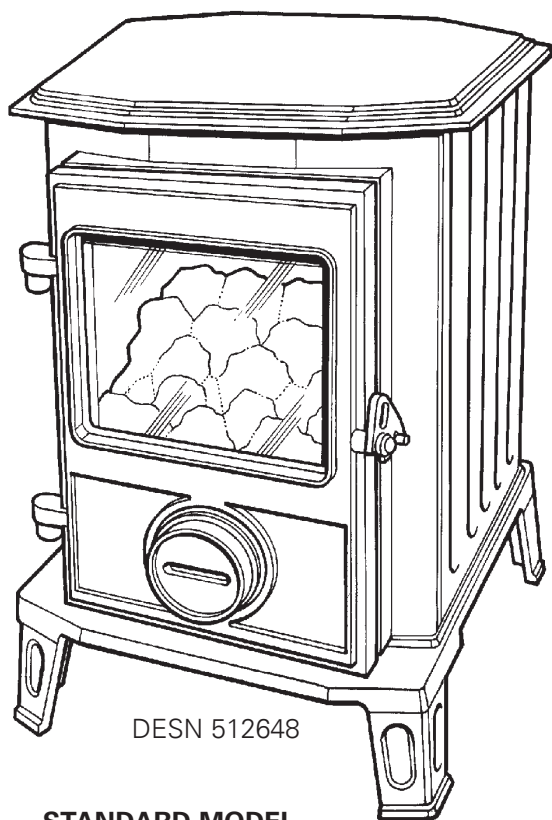


WARNING

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

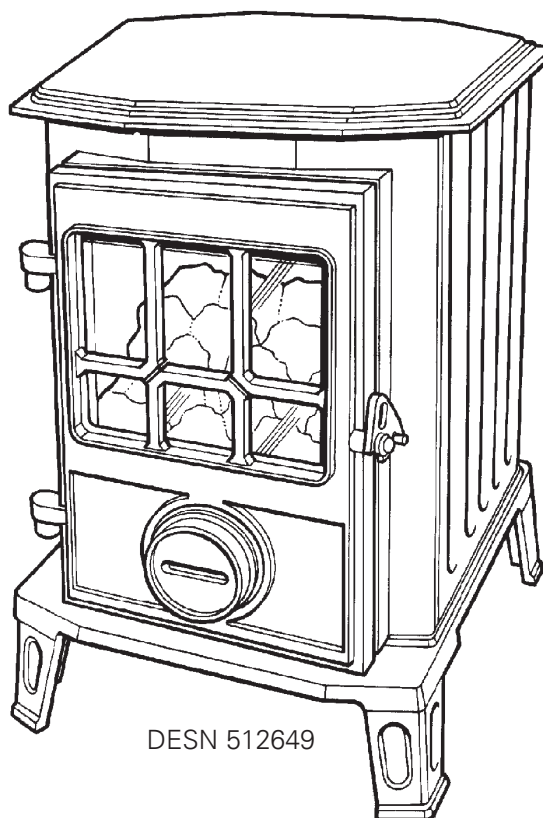
COALBROOKDALE

LITTLE WENLOCK GAS STOVE (TC1) (NATURAL GAS AND LPG)



DESN 512648

STANDARD MODEL



DESN 512649

TRADITIONAL MODEL

Owners Manual comprising of User, Installation and Servicing Instructions

PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING, SERVICING AND USING THIS APPLIANCE

REMEMBER, when replacing a part on this stove, use only spare parts that you can be assured conform to the safety and performance specification that we require. Do not use reconditioned or copy parts that have not been clearly authorised by AGA-RAYBURN.

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Consumer Protection Act 1987

As manufacturers and suppliers of cooking and heating products, in compliance with Section 10 of the Consumer Protection Act 1987, we take every care to ensure 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 Aga-Rayburn could invalidate the approval of the appliance, operation of the warranty and could also affect your statutory rights.

Control of Substances - Health and Safety

Important

This appliance may contain some of the materials that are indicated. It is the Users/Installers responsibility to ensure that the necessary personal 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, Fuels 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, Kerosene Oil - 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, 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.

Installation and Servicing Section

Remember, when replacing a part on this stove, use only spare parts that you can be assured conform to the safety and performance specification that we require. Do not use reconditioned or copy parts that have not been clearly authorised by AGA-RAYBURN.

INTRODUCTION

The **Little Wenlock Gas Stove (TC1)** is factory set to operate on natural gas, butane or propane (See data label) and is available with a standard or traditional door option.

Due to newness the stove may give off a slight smell for a short period after commissioning. This is quite normal and will disappear after a few hours operation, open windows and doors if required.

The **Little Wenlock Gas Stove** has an inner sealed glass front, should only be removed to gain access to the coals (see section 'Laying Coal Bed'). Under no circumstances should the stove be operated if either piece of glass is cracked or broken.

The Little Wenlock Gas Stove has been designed similar to a solid fuel stove to the latest edition of BS. 613. During use, many parts of the appliance can become **HOT** to touch, we recommend that you provide and secure a fireguard complying with BS 6539 when the room is used by elderly, infirm or young persons.

The Little Wenlock Gas Stove is remote controlled. Once the pilot has been lit manually, the remote control handset can be used to increase or decrease the heat input/output of the stove. The remote handset is also a thermostat and can be set to give the room a specific heat setting. **THE HANDSET MUST REMAIN IN THE SAME ROOM AS THE APPLIANCE TO MAINTAIN THE DESIRED HEAT SETTING.**

The remote control handset can also be programmed to bring the main burner on at a specific time of day or night. The pilot burner must be alight and remain alight for the timer function to operate. (See 'Using Remote Control' - Users Instructions).

TECHNICAL DATA

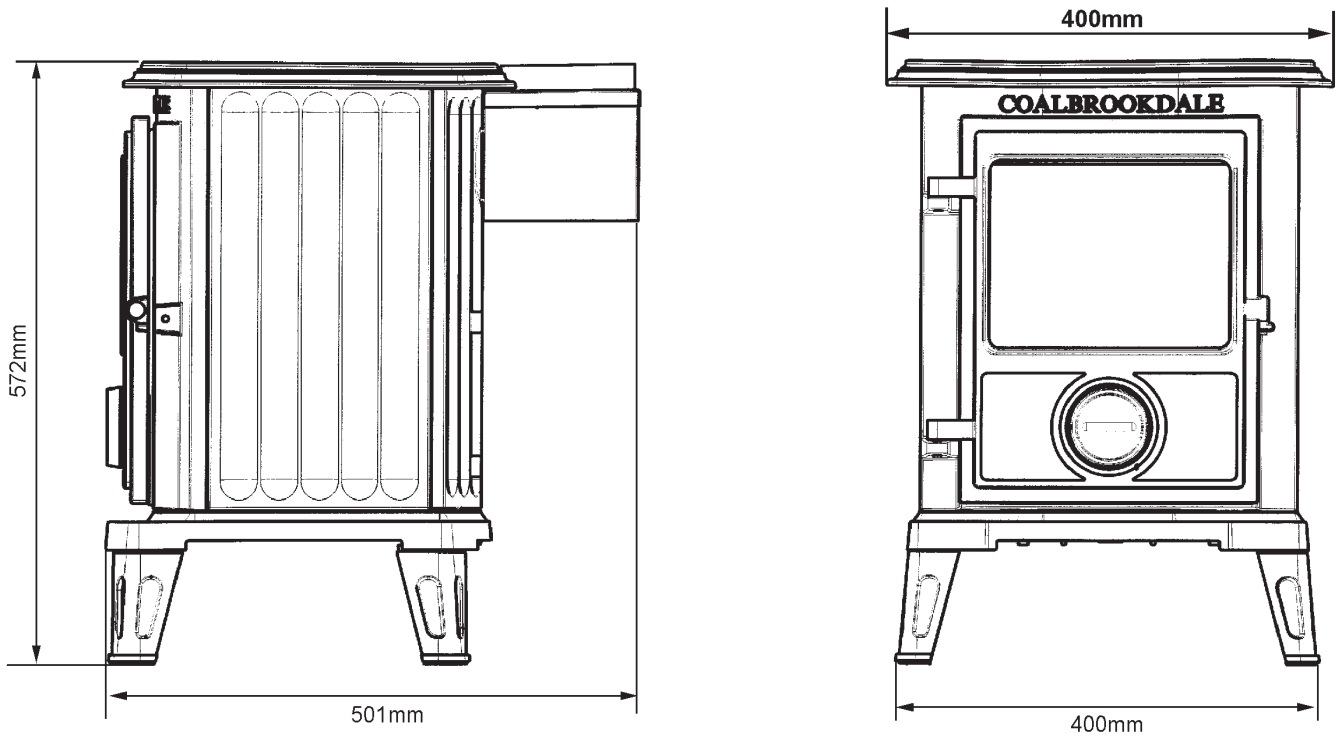


FIG. 1

DESN 512617

GAS DATA		
	NAT GAS (l ₂ H)	PROPANE/BUTANE (l ₃ +)
MAX	kW	kW
HEAT INPUT (GROSS)	6.95	5.8
HEAT OUTPUT (GROSS)	4.53	3.92
GAS RATE (m ³ /h)	0.662	0.166/0.218
MIN	kW	kW
HEAT INPUT (GROSS)	3.68	3.37
HEAT OUTPUT (GROSS)	2.4	2.28
GAS RATE (m ³ /h)	0.349	0.095/0.127

SETTING PRESSURE (COLD)		
NG	BUTANE	PROPANE
MAX 10.1 ± 1	MAX 29.0 ± 1	MAX 36.0 ± 1
Burner Inj. 16/650	Burner Inj 10/220	
Pilot Inj. P4-12D	Pilot Inj P4-17	

NOTE: Burner pressures are stated for reference purposes only. This stove has factory set burner pressures. No adjustment is required.

Gas Connection - 8mm O/D Compression

Flue Spigot Size - 102mm Dia

Ignition - Piezo Spark

Appliance Weight - 65 Kg

Efficiency - Class 2

Nox Level - Class 5

INSTALLATION INSTRUCTIONS

THIS APPLIANCE IS INTENDED FOR USE ON A GAS INSTALLATION WITH A GOVERNED METER.

The installation of the appliance must be in accordance with the relevant requirements of the current issue of the Gas Safety (Installation and Use) Regulations (as amended), Building Regulations and the Building Standards (Scotland) (Consolidation) Regulations. It should be in accordance also with any relevant requirements of the local Gas Region and Local Authority, and the relevant recommendations of the following current British Codes of Practice and Standards:

BS. 6891: Installation of pipes and meters. Low pressure installation pipes.

BS. 5440: Part 1 Flues & Part 2 Air Supply

BS. 5871: Installation of Gas Fire. Convector Heaters. Fire/Back Boilers

BS. 6461: Codes of Practice for factory-made insulated chimneys for internal application

BS. 8303: Solid fuel appliance flue system

In your own interests and that of safety to comply with the law all gas appliances should be installed by competent persons (Corgi Registered) in accordance with the above regulations and with these instructions. Failure to install the appliance could lead to prosecution.

Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.

LOCATION

Before installation ensure that the local distribution conditions (identifying of type of gas and pressure) and the adjustment of the appliance are compatible.

To ensure adequate circulation of convected air it is recommended that the stove should not be installed into a recess of a depth any greater than 300mm.

The appliance must be installed on a base of incombustible material, at least 12mm thick, extending to at least the front of the stove supporting legs or level with the supporting front legs when fitted in their alternative position, and to 85mm beyond each side of the stove (570mm). See Fig. 2. No clearance is required in front of the hearth.

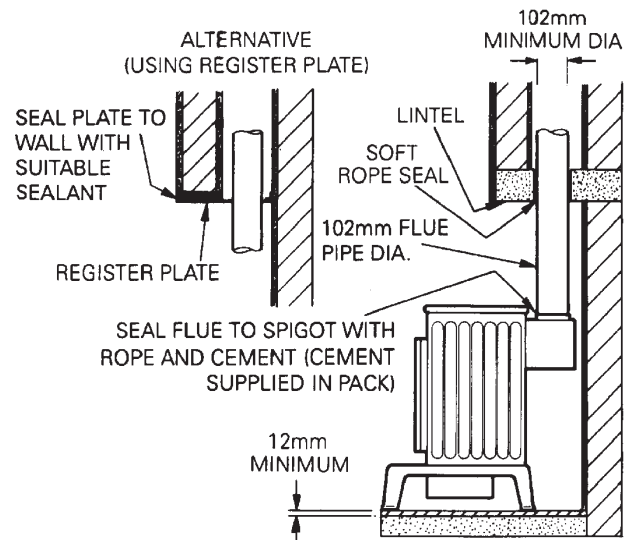
The stove must be installed with a hearth capable of withstanding a maximum temperature of 150°C. Conglomerate marble, marble and tiled surrounds can meet this requirement.

If the rear wall (behind the appliance) is of a combustible material there must be an air gap of at least 75mm or a shield of non-combustible material, at least 25mm thick, the width and the height of the appliance. See Fig. 2.

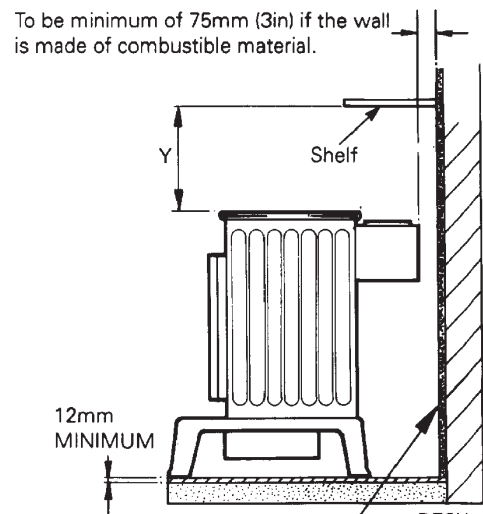
Clearance for Shelves: A wooden shelf may be fitted above the stove. The underside of the combustible shelf above the top of the stove should be dimensioned accordingly.

Depth of Shelf	Height to underside of shelf Y
150mm	558mm
175mm	575mm
200mm	600mm
225mm	650mm
250mm	700mm
275mm	750mm
300mm	800mm

NOTE: IF THE FLUE PASSES THROUGH THE SHELF REFER TO SECTION 'SHIELDING OF FLUE PIPES'.

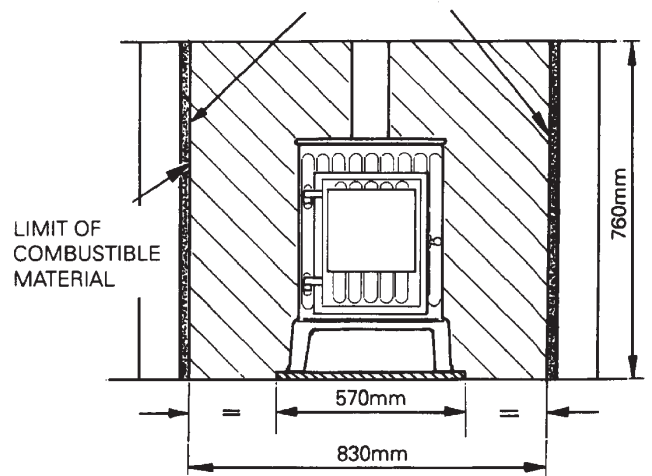


DESN 512666



DESN 510123 'A'

THIS PART OF THE WALL AT THE BACK AND SIDE OF THE APPLIANCE TO BE SOLID NON-COMBUSTIBLE MATERIAL WITH A THICKNESS OF AT LEAST 25mm IF THE MINIMUM CLEARANCES FOR COMBUSTIBLE MATERIALS CANNOT BE OBTAINED.



DESN 512667

FIG. 2

THE FLUE (SEE FIG. 2)

The appliance may be used/connected to a solid fuel appliance flue system having a diameter not less than 102mm.

Alternately, detailed recommendations for gas fluing are given in current issue BS. 5440: Part 1.

The following notes are intended to give general guidance:

The cross sectional area of the flue serving the stove must not be less than the area of the flue outlet of the stove and be of at least 3m effective height from the floor level. If the flue pipe is to be used, it must not be less than 100mm internal diameter.

Flue Pipes

Flue pipes and fittings should be constructed from one of the following materials:

- a. Cement to BS. 567
- b. Aluminium or stainless steel to BS. 715
- c. Cast iron or mild steel to BS. 41 acid resistant vitreous enamelled lined.

If a chimney is to be used, it **MUST** be one that is composed of or lined with a non-porous acid resistant material. (Chimneys lined with salt glazed earthenware pipes are acceptable, if the pipes comply with the current issue of BS. 65).

Shielding of Flue Pipes

Flue pipes should:

- a. be at least 25mm from any combustible material, or
- b. where passing through a wall, floor or roof, be separate from any combustible material by a non-combustible sleeve enclosing an air space of at least 25mm around the flue pipe, or
- c. where passing through a compartment wall or a compartment floor, be cased with a non-combustible material with at least half the fire resistance needed for the wall or floor (see Approved Document B3 Internal Fire Spread (structure)).

For a double-walled flue pipe, the 25mm distance may be measured from the outside of the inner pipe.

Factory-Made Insulated Chimneys

Factory-made insulated chimneys should be:

- a. constructed and tested to meet the relevant recommendations given in BS. 4543 Factory-made insulated chimneys, Part 1: Methods of test for factory-made insulating chimneys and Part 2: Specification for chimneys for solid fuel appliances, and
- b. installed in accordance with the manufacturer's instructions or to meet the relevant recommendations of BS. 6461: Installation of chimneys and flues for domestic appliances burning solid fuel (including wood and peat) and BS. 7566 Parts 1 to 4 Installation of factory-made chimneys to BS. 4543 for domestic appliances.

A flue pipe constructed to one of the standards in (a) to (c) above, should form the connection from the stove to lined chimneys.

If a brick chimney is to be used it **MUST** be swept prior to installation.

Before installing the stove, or inserting a liner, check that the flue is sound, free from obstruction and clean. If a register plate, restrictive plate or damper, etc is fitted in the flue it **MUST** be removed or locked fully open.

The flue should terminate in accordance with the relevant recommendations given in BS. 5440: Part 1.

The point of termination must not be within 600mm of an openable window, air vent or any other ventilation opening.

Check that the chimney serves only one appliance, and that the flue and associated connections joints are properly sealed.

AIR SUPPLY

The stove does not normally require any additional purpose made ventilation.

EFFECT OF EXTRACTION FAN

If there is any type of extractor fan fitted in the same room as the stove, there is a possibility that if adequate air inlet area from outside is not provided, spillage of the products from the appliance could occur when the extractor fan is in operation. Where such installations occur, a spillage test as detailed in BS. 5440: Part 1 must be carried out.

GAS CONNECTION

The complete installation must be tested for soundness and purged as described in BS. 6891.

An isolation valve is pre-fitted to the stove, connection should be made to this valve.

The connection to the stove is 8mm compression. A length of up to 1.5m 8mm diameter semi-rigid copper pipe may be connected to the appliance.


Above this length, 15mm dia rigid or semi-rigid pipe should be used.

APPLIANCE ASSEMBLY

Unpacking

Remove all parts from inside the pack and ensure that no damage has occurred during delivery transit. If so, please contact your local stockist.

Items in Pack:

Little Wenlock Gas Stove (TC1)
Owners Manual
History of Coalbrookdale
Guarantee Card
Warning Label
Burner Contents Checklist
Coals - 2 packs (total 35)
Remote Control (includes 1-off 9v battery)  1 Box
Receiver Unit (includes 4-off 1.5v batteries)
Door Locking Tool
1.5m 8mm copper tube
Cement (for sealing flue spigot)
Door Locking Tool Holder

Open the door of the stove (using the tool supplied).

Before unpacking the items from inside the appliance, the inner glass panel must be removed (See Removal and Re-fitting of inner glass' - page 12).

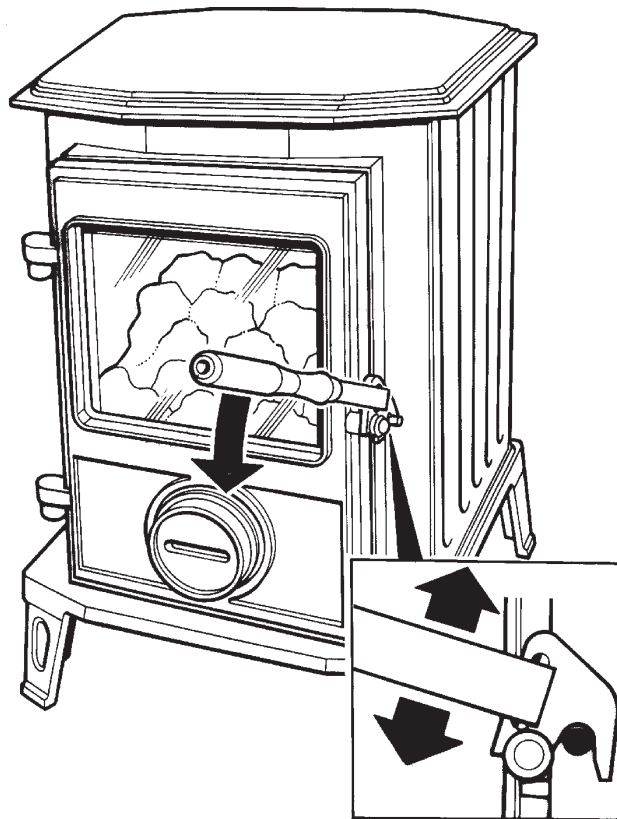


FIG. 3

DESN 512650

INSTALLING THE APPLIANCE

Position the appliance in accordance with the instructions given in the section 'LOCATION' and connect the flue pipe in accordance with the section 'THE FLUE'.

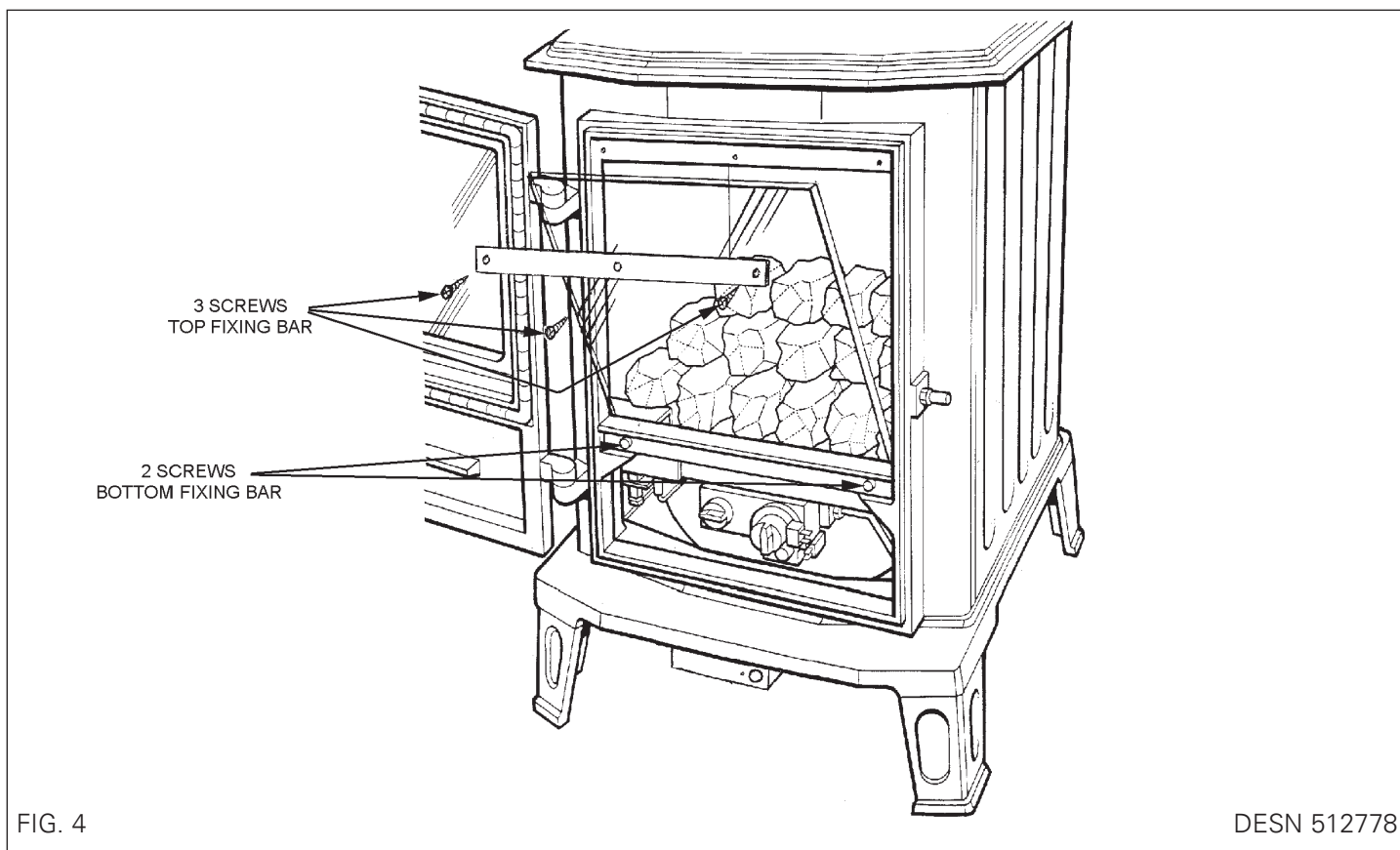
FLEXIBLE PIPE/CONNECTIONS MUST NOT BE USED.

Connect the stove to the gas supply (See Gas Connection).

LAYING THE FUEL BED

REMOVAL AND REFITTING OF INNER GLASS (SEE FIG. 4)

1. Remove 3 screws from top fixing bar.
2. Loosen, but do not remove 2 screws from bottom fixing bar.
3. Lift glass from bottom fixing bar and remove.
4. Replace in reverse order. Ensure glass is positioned centrally left to right and tighten screws till glass is firmly held in place. (Do not overtighten).



Positioning the Coals

Carefully place the coals on the coal bed as illustrated in Figs. 5, 6 and 7.

Replace the inner glass panel (Removal and Refitting of Inner Glass Panel).

Close the door and lock. (Using the tool supplied). Remove the tool after use.

WARNING: USE ONLY THE SIMULATED COALS SUPPLIED WITH THIS APPLIANCE TO BUILD THE BED. UNDER NO CIRCUMSTANCES USE EXTRA COALS OR PUT ANY OTHER MATERIAL ON THE FUEL BED.

DO NOT OPERATE THE STOVE IF ANY GLASS PANELS ARE CRACKED OR BROKEN.

Hands should be washed after handling the coals. (If gloves are not used).

LAYING THE FUEL BED

Ensure the white ceramic fibre bed is pushed fully down onto the burner.

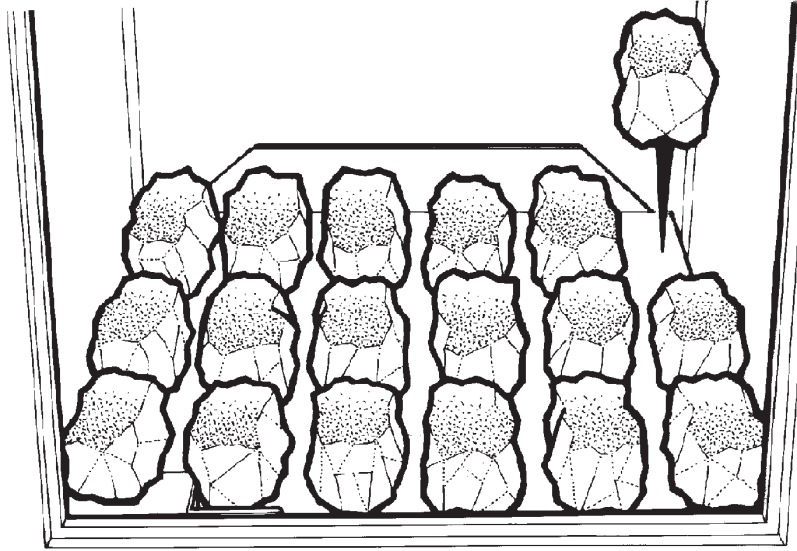


FIG. 5

PLACE THREE ROWS OF 6 COALS ONTO THE CERAMIC BED

DESN 512653

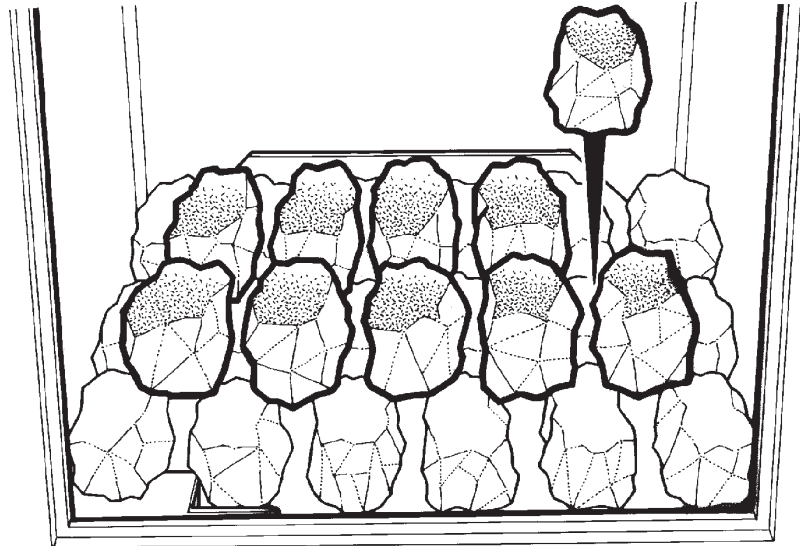


FIG. 6

PLACE TWO ROWS OF 5 COALS ON TOP OF THE THREE ROWS OF 6 COALS

DESN 512654

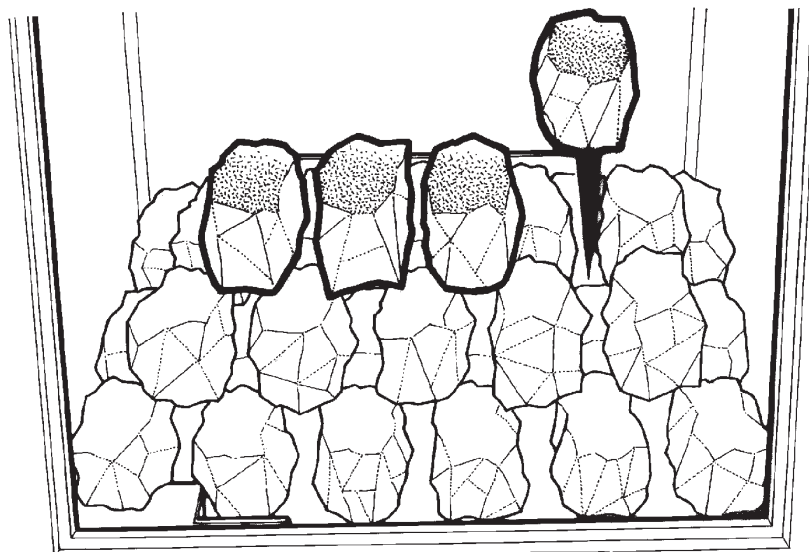


FIG. 7

PLACE A SINGLE ROW OF 4 COALS ON TOP OF THE TWO ROWS OF 5 COALS

DESN 512655

COMMISSIONING AND TESTING

NO SMOKING OR NAKED LIGHTS

The whole installation must be inspected and tested for soundness, and purged up to the gas service cock in accordance with BS. 6891.

Using a short screwdriver loosen but do not remove the burner pressure test point sealing screw and connect a suitable pressure gauge. The pressure test point is rear most, whilst the inlet pressure test point is at the front of the valve.

The control tap is marked with the following positions.

KNOB 'A'

OFF	●
IGNITION	✱
PILOT ONLY	🔥
NORMAL OPERATION	🔥

KNOB 'B'

OFF	●
MAX RATE	🔥
VARIABLE	🔥

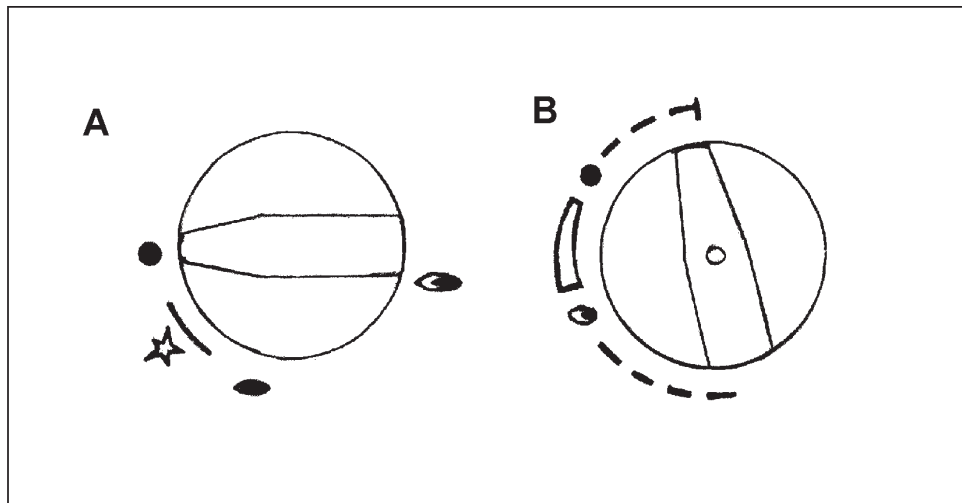


FIG. 8

DESN 512772

The stove is fitted with a plastic piezo ignitor as an internal part of the valve assembly.

Note: If the main burner or pilot are extinguished for any reason do not attempt to re-light the pilot for three minutes.

COMMISSIONING AND TESTING (continued)

REMOTE CONTROL AND RECEIVER BOX

FITTING BATTERIES

REMOTE CONTROL

Remove the battery panel from the rear of the remote control unit by sliding downwards.

Fit a 9v (PP3/E-block) battery. Ensure positive (+) and negative (-) are made correctly.

RECEIVER UNIT

Remove the battery panel from the top of the receiver box by sliding to the left.

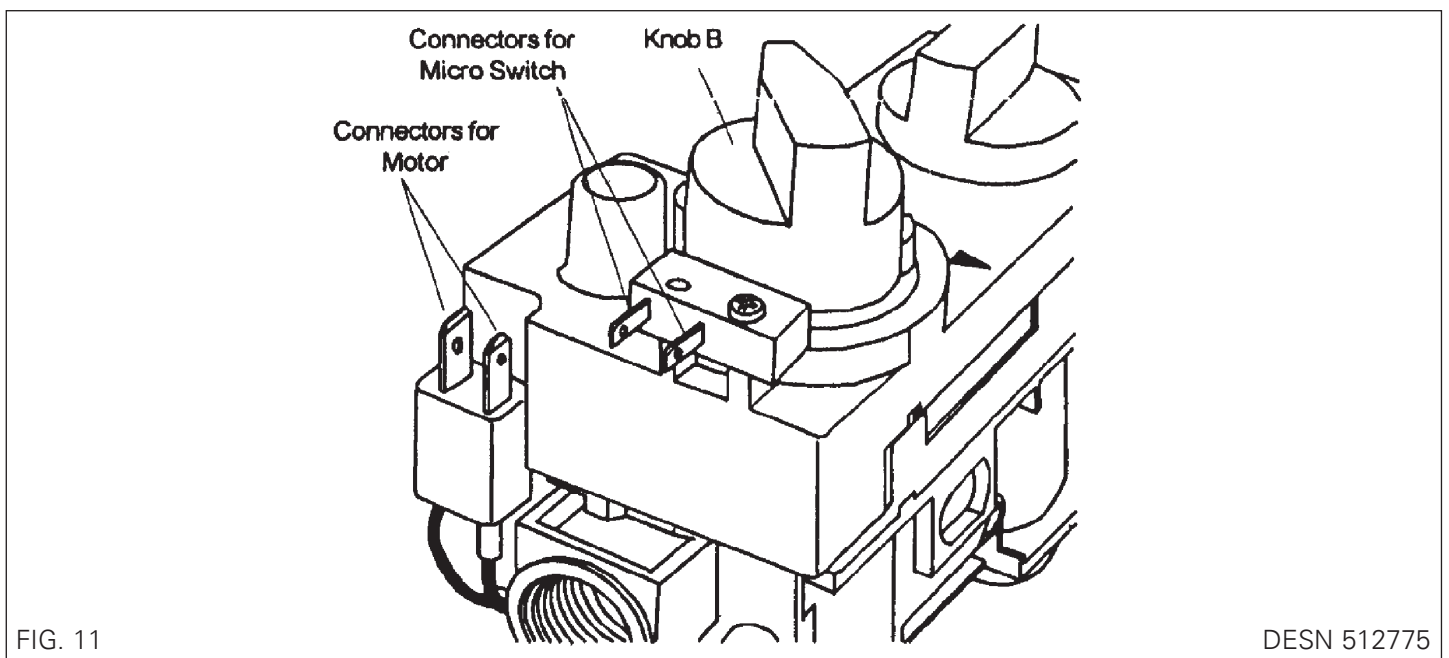
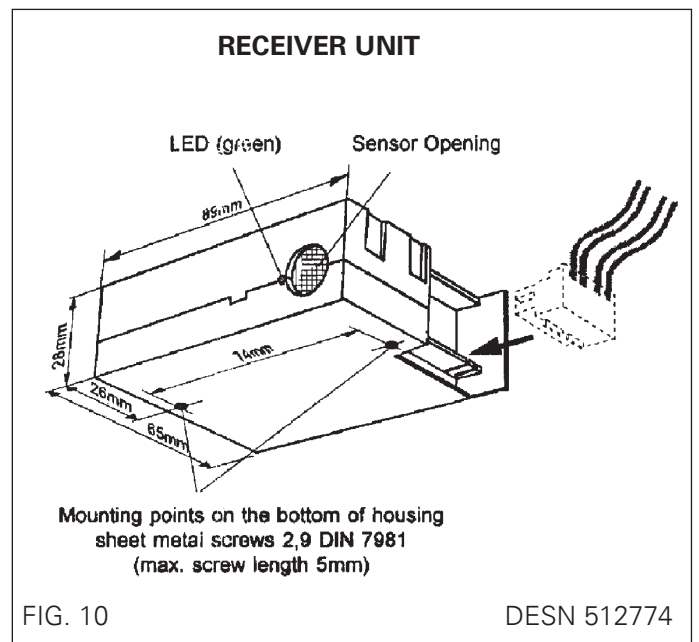
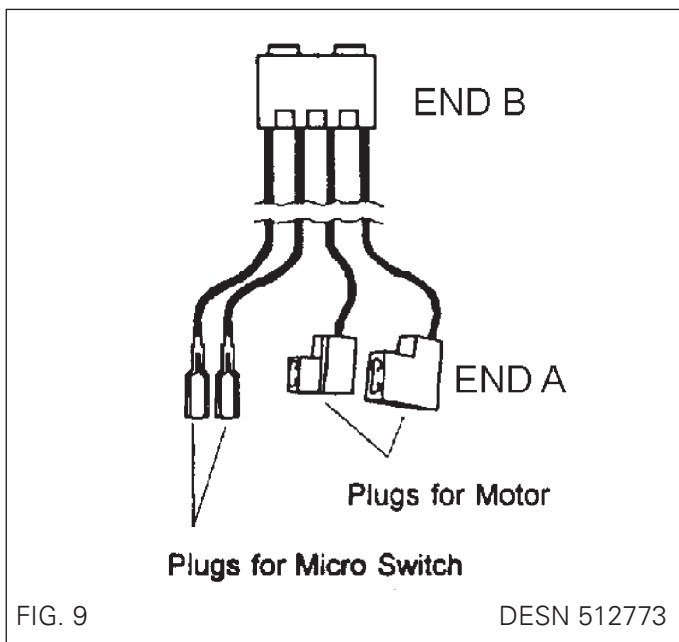
Fit (4) 1.5v AA batteries. Ensure positive (+) and negative (-) connections are made correctly.

FITTING CONTROL CABLE (See Fig. 9)

Connect cable end (A) to the control valve. Two small plugs for microswitch (either way round). Two plugs for motor (See Fig. 11).

Route cable underneath stove and through the rear of the receiver cradle and out at the front of the stove.

Connect cable end (B) to receiver box and carefully slide into cradle. LED/sensor opening will be towards right hand side of the cradle. (See Fig. 10).



COMMISSIONING AND TESTING (continued)

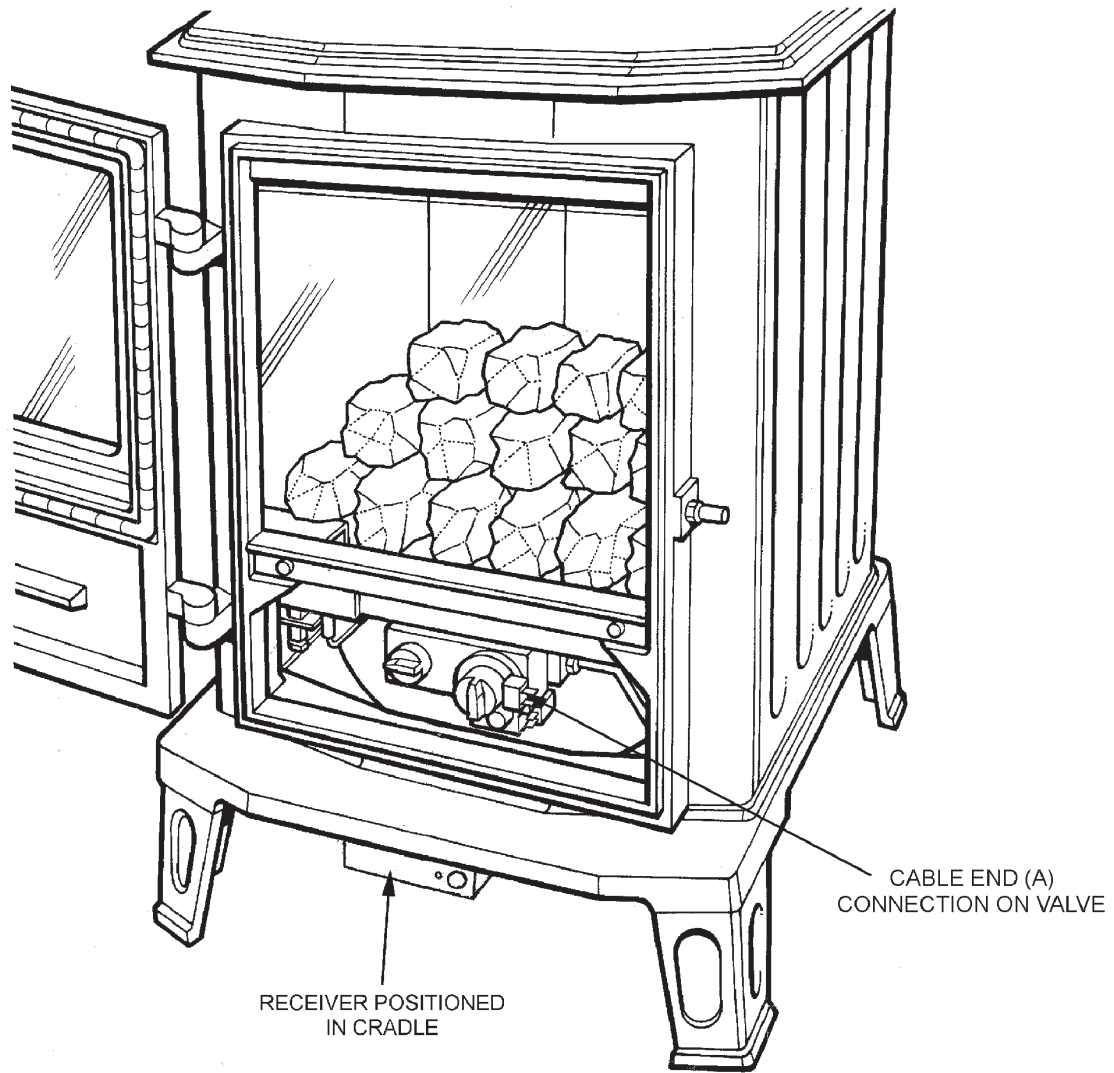


FIG. 12

DESN 512777

TO LIGHT THE PILOT

Ensure that control knob 'A' and control knob 'B' are in the OFF (●) position. (See Fig. 13)

Fully depress the control knob and turn anti-clockwise (keeping the control knob fully depressed) until the spark position (⚡) is reached. If the pilot has not lit repeat the operation.

Once the pilot is lit continue to hold in the control knob for a further 10 - 15 seconds to establish the pilot. When the control knob is released the pilot should remain alight. If the pilot fails to remain alight refer to fault finding section of this document.

If required the pilot may be light by a long spill or taper as follows:

Open the door of the stove (using the tool supplied). (See Fig. 3).

Apply a lighted long spill or taper to the pilot (See Fig. 14) positioned to the front LH side of the burner tray. The flame should be directed through the hole in the front of the pilot shield.

Fully depress the control knob A and turn anti-clockwise (keeping the control knob fully depressed), until the spark position (⚡) has been reached and the pilot should light.

Once the pilot is lit remove the long spill or taper, continue to hold the control knob for 10 to 15 seconds to establish the pilot. When the knob is released, the pilot should remain alight, if the pilot fails to remain alight, repeat the procedure, but hold the knob in longer.

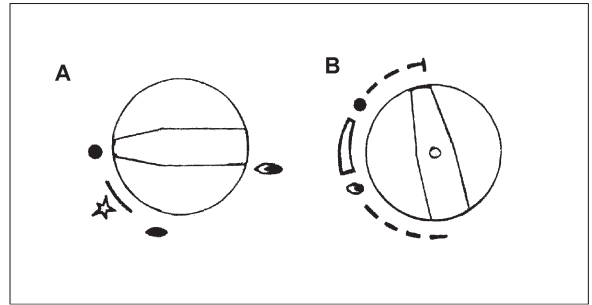


FIG. 13

DESN 512772

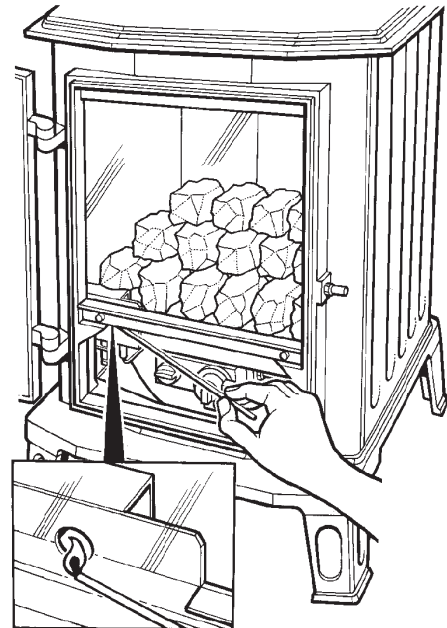


FIG. 14

DESN 512651

OPERATING THE MAIN BURNER

Once the pilot is lit depending on the model, the burner is controlled either by:-

- Manual via control knob
- Remote control handset - see separate section 'remote control'

MANUAL CONTROL - Turn temperature knob (knob B) anti-clockwise to increase heat output. Turning knob clockwise will shut the burner off but leave the pilot alight. The pilot can be left on permanently (advisable on remote control models). The pilot can only be extinguished by turning knob A fully clockwise to the position.

REMOTE CONTROL - For operation of remote control, refer to 'REMOTE CONTROL' - Users Guide (Page 26 and 27).

During and after operation of the stove all external (working) surfaces will become hot to touch. The only designated areas of the stove that should be manually handled are the two control knobs.

NOTE: If the pilot light is extinguished either intentionally or by accident, no attempt should be made to re-light the appliance until three minutes has elapsed.

TO TURN STOVE OFF

MANUALLY - Turn the gas control knob B clockwise to the **OFF** position (●). The main burner will go out and the pilot will remain lit and may be left on permanently.

REMOTE HANDSET - Continually press the minus button on the remote handset until main burner flame extinguishes.

TO TURN STOVE AND PILOT OFF

Turn the stove off as described. Depress the control knob, turn to the off position (●) and the pilot will go out.

CHECK FOR CLEARANCE OF PRODUCTS OF COMBUSTION

Ensure that all doors and windows of the room are closed.

Light the stove as described, leave on maximum rate for 5 minutes.

If there is a fan in a nearby room then the spillage test must be repeated with the fan turned on and any interconnecting doors between the stove and the fan location left open.

A spillage test as detailed in BS. 5440 must be carried out after 5 minutes as follows:- By holding a smoke match so that the match head is approximately 3mm up inside the lower edge of the draught diverter (See Fig. 15). Spillage is indicated by smoke being displaced outwards from the draught diverter. If in doubt repeat after a further 10 minutes.

If spillage is detected the chimney may be faulty. The fault must be corrected before leaving the stove installed.

If the fault cannot be corrected turn off and disconnect the gas supply to the stove and seek expert advice.

The flue should be inspected to ensure it conforms to BS. 5440.

SPILLAGE MONITORING SYSTEM - PILOT ASSEMBLY

NOTE: The appliance incorporates a spillage monitoring system which will extinguish the pilot in the event of adverse flue conditions. If the pilot continues to shut off, specialist advice should be sought:

The spillage monitoring system:

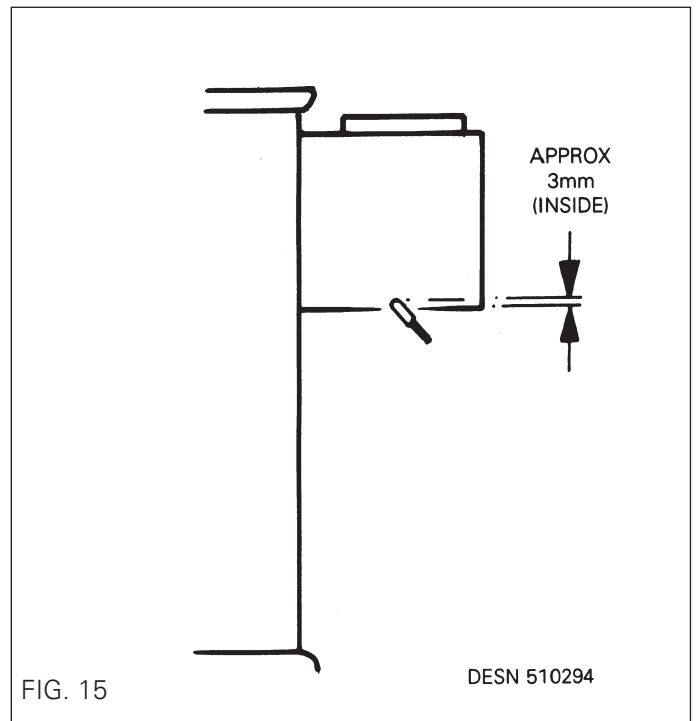
- a. must not be adjusted.
- b. must not be put out of operation.
- c. should only be replaced with original manufacturer's parts.

WARNING: If smoke is still not drawn into the chimney, turn off and disconnect the appliance and seek expert advice.

WARNING: If the fire goes out under normal operation, and continues to extinguish after re-lighting, spillage has occurred and the flue should be checked.

This appliance is fitted with a pre-set oxygen depletion system incorporated into the burner ignition unit. Therefore this system must not be adjusted or put out of operation and must be replaced with a complete unit of original manufacture, in the event of renewal.

THE PILOT ASSEMBLY IS AN ATMOSPHERE SENSING DEVICE. WHEN THE SPILLAGE MONITORING SYSTEM IS EXCHANGED, ONLY AN ORIGINAL MANUFACTURER'S PART SHOULD BE USED.



INSTRUCT THE USER

Hand over all the instructions to the user and explain how to light and operate the appliance, including the remote control.

Impress upon the user that the coals must be located in accordance with the instructions and that the appliance **MUST NOT** be operated if the glass is cracked or broken. The appliance should be serviced at regular intervals by a competent person to ensure safe operation.

Point out the removable warnings labels which the customer must remove and read.

Advise the user that any smell emitted from the stove on initial lighting will quickly clear away with use.

The door tool can be stored in the door cradle on the right hand side of the appliance, but must be stored out of reach of children.

SERVICING

It is recommended that the stove is inspected/serviced annually by a competent person (e.g. A Corgi Registered Installer).
It is recommended that the flue is checked for debris.

After any servicing **ALWAYS** check for gas soundness and carry out a spillage test as detailed in the section 'CHECK FOR CLEARANCE OF PRODUCTS OF COMBUSTION'.

RE-ASSEMBLE PARTS IN REVERSE ORDER.

SERVICING PROCEDURE

Ensure that the stove is cold.

On completion, **ALWAYS** check for gas soundness.

Isolate the gas supply to the stove.

Hands should be washed after handling coals. (If gloves are not used).

Open the door of the stove (using the tool supplied) and remove the inner glass. Carefully remove all coals from the fire and inspect for damage/breakage. Clean any excessive soot from the coals with a soft brush.

Ensure the holes in the ceramic bed are clear and not blocked. Debris can be carefully removed from the bed. **DO NOT BRUSH OR VACUUM.**

Pilot Assembly Removal and Refitting

Remove inner glass and coals. (See Page 12).

Disconnect gas supply to control valve.

Remove burner assembly trays securing nuts, located underneath burner tray on left hand and right hand sides.

Carefully lift out the burner assembly.

Disconnect the pilot pipe connection at the pilot burner.

Disconnect the thermocouple at control valve and electrode lead from electrode.

Remove the pilot assembly (2 screws) and remove pilot assembly.

Fit replacement pilot assembly in reverse order.

Gas Valve Removal and Refitting

Remove inner glass and coals. (See Page 12)

Disconnect gas supply to control valve.

Remove burner assembly tray securing nuts.

Carefully lift out burner assembly.

Disconnect the thermocouple, injector and pilot feed pipes at the gas valve.

Disconnect ignition lead at the electrode.

Remove (2 screws) gas valve from location brackets.

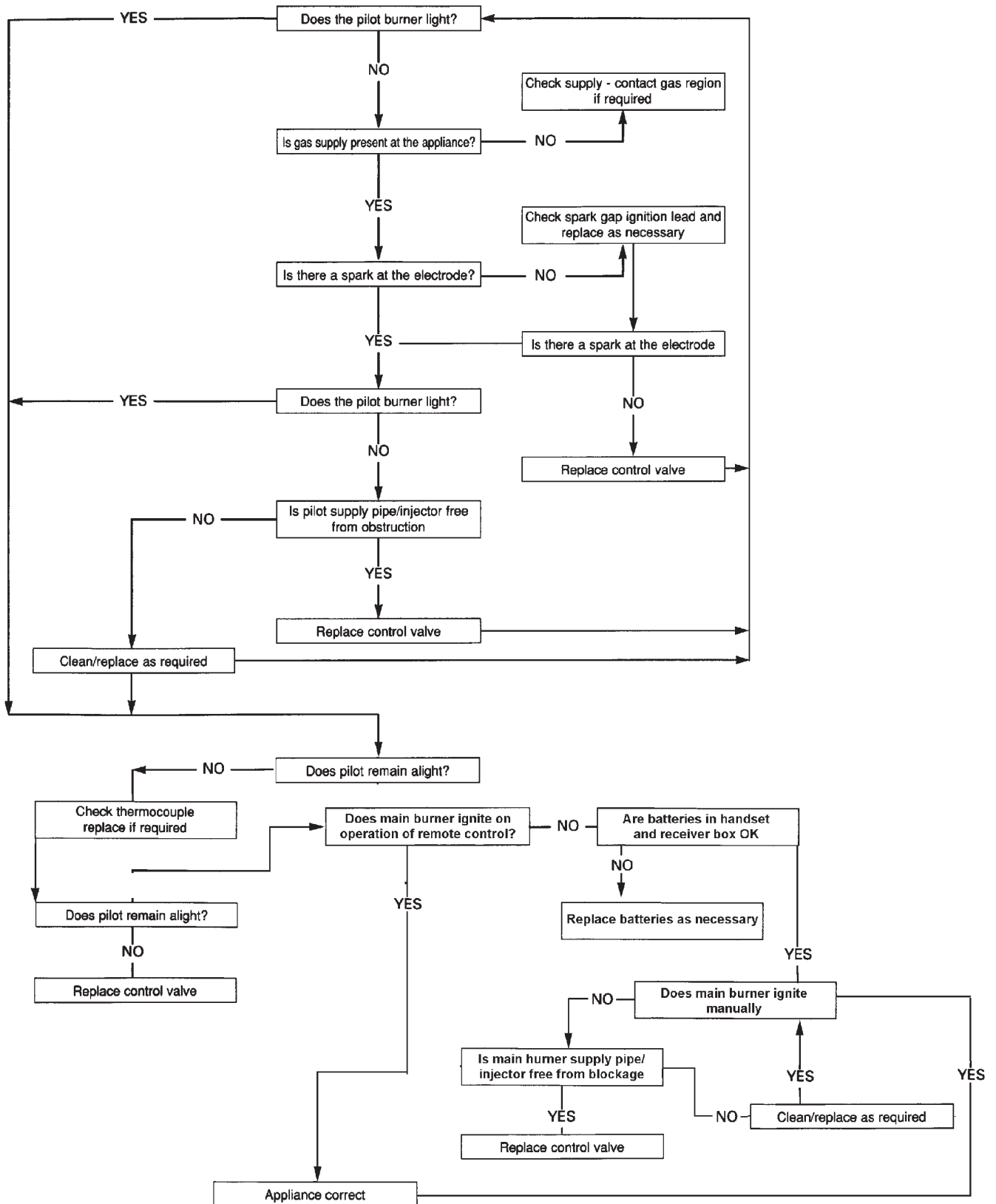
Fit replacement valve and re-assemble in reverse order.

The new valve should have an ignition lead fitted. Reconnect at electrode.

Carefully replace the coals as described in 'LAYING THE FUEL BED'.

Check burner pressure as described in 'TO LIGHT THE STOVE'.

FAULT FINDING CHART



Users

Guide

INSTRUCT THE USER

Dear Customer,

Your gas stove is for use on either **natural gas, propane or butane**. It **must be** installed by a competent person (e.g. A CORGI Registered Installer) in accordance with the Installation Instructions and operated in accordance with these users instructions, if so it should provide many years of safe and efficient operation.

Please complete the separate guarantee card and return it to use within 28 days of purchase. This will enable us to record the details of your purchase and keep you advised of any future developments.

We thank you for purchasing our product and trust it will provide many years of excellent service.

GUARANTEE

The components of this appliance are guaranteed for one year. We agree to repair free of charge or, at our option, replace the appliance or part thereof which may prove to be defective within one year of purchase.

Please retain your purchase receipt. Our Service Engineer will need to see this in the event of a claim under warranty.

IMPORTANT NOTES

Your Little Wenlock Gas (TC1) Stove is a natural gas, propane or butane gas stove.

Due to the newness, the stove may give off a slight smell for a short period after commissioning. This is quite normal and will disappear after a few hours of operation, open doors and or windows if required.

The installation of the stove must be carried out by a competent person (e.g. A CORGI Registered Installer), in accordance with the installation instructions and the current Gas Safety (Installation and Use) Regulations 1984 (as amended). Failure to install the appliance correctly could lead to prosecution.

Before the installation of your stove your installer should check that the chimney is sound, free from obstruction and clean. If a brick chimney is to be used for the gas stove it **MUST** be swept prior to the installation.

The hearth under the stove should never be covered with combustible flooring or material. Do not obstruct the space beneath the stove.

During and after operation of the stove all external (working) surfaces will become hot to touch. The only designated areas of the stove that should be manually handled are the two control knobs.

WARNING: DO NOT OPERATE THE STOVE IF THE GLASS PANELS ARE CRACKED OR BROKEN. THE DOOR MUST ALWAYS BE OPENED AND CLOSED USING THE TOOL PROVIDED.

PLEASE ENSURE OUTER DOOR IS CLOSED AFTER PILOT OR MAIN BURNER ARE ALIGHT

The Little Wenlock Gas Stove has been designed similar to a solid fuel stove to relevant safety standards, but during use many parts of the appliance can become **HOT** to touch. We recommend that you provide and secure a fireguard complying with BS. 6539 when the room is used by elderly, infirm or young persons.

Any alteration after the initial installation must be in accordance with the requirements of the Installation and Servicing Instructions. Clarification of combustible material clearances, hearth dimensions, shelf heights and fluing requirements are detailed in the sections 'LOCATION' and 'THE FLUE'.

The chimney should be checked on a regular basis to ensure continued clearance of combustion products and that there is no accumulation of debris or soot etc. It is recommended that the appliance is inspected/serviced annually by a competent person (e.g. A CORGI Registered Installer).

Combustible furniture or material **MUST NOT** be placed closer than 1m in front of the stove.

It is **NOT** recommended to have any materials, such as curtains, above the appliance or to within 1m of the sides.

The appliance should under **NO** circumstances be utilised for solid fuel.

OPERATION OF THE STOVE

The gas stove is controlled by a manually operated pilot light, control knob A and a safety feature called a Flame Supervision Device. Once the pilot is lit, the appliance burner can be adjusted to give the desired heat output via the remote control unit.

Open the stove door using the tool provided to gain access to the control valve. There are two control knobs:-

- A - Pilot light control knob
- B - Burner control knob

TO LIGHT THE PILOT

Ensure knob A and knob B are in the (●) OFF position.

Fully depress knob A and turn anti-clockwise (keeping the knob fully depressed) until the spark position (⚡) and at this point the pilot should ignite. If the pilot is not lit repeat this action until a flame is observed.

Once a flame is witnessed the knob must be held fully depressed for a further 10-15 seconds to establish the pilot. When the control knob is released the pilot should remain alight. If the pilot does not remain alight, repeat the above but hold the knob in for a longer period of time. If the pilot will not light, refer to the fault-finding section of this document.

Once pilot is alight Control knob A must be turned fully anti-clockwise to the large flame symbol to allow the main burner to be used.

Outer door may now be closed and main burner operated via remote control unit.

If required the pilot may be lit by a long spill or taper as follows:

Open the door of the stove (using the tool supplied). (See Fig. 3).

Apply a lighted spill or taper to the pilot (See Fig. 17) positioned at the front LH side of the burner tray. Direct the flame through the hole in the pilot shield.

Fully depress the control knob and turn anti-clockwise (keeping the control knob fully depressed) until the spark position (⚡) has been reached and the pilot should light.

Once the pilot is lit remove the long spill or taper, continue to hold the control knob for 10-15 seconds to establish the pilot. When the knob is released, the pilot should remain alight. If the pilot fails to remain alight repeat the procedure, but hold the knob in longer.

All external surfaces on this stove are considered working surfaces and should not be touched during or after operation. The only part of this stove that is designed to be handled whilst in operation is the control knob.

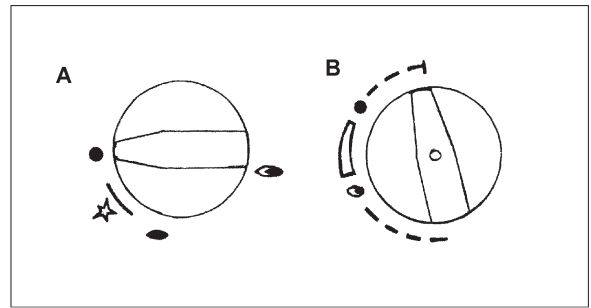


FIG. 16

DESN 512772

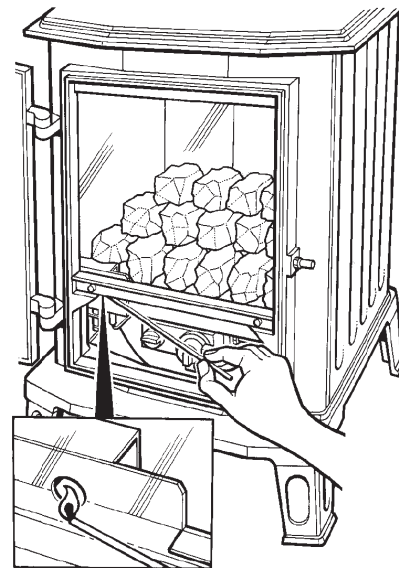


FIG. 17

DESN 512651

OPERATING THE MAIN BURNER

Once the pilot is lit depending on the model, the burner is controlled by either:

Manual burner control knob

Remote control handset - see section 'REMOTE CONTROL'.

Turn temperature knob (knob B) anti-clockwise to increase heat output. Turning knob B fully clockwise will shut the burner off but leave the pilot alight. The pilot can be left on permanently (advisable on remote control models). The pilot can only be extinguished by turn knob A fully clockwise to the (●) position.

If the pilot is extinguished either intentionally or unintentionally, then no attempt to relight the fire should be made for at least 3 minutes.

SPILLAGE MONITORING SYSTEM

This appliance incorporates a spillage monitoring system which shuts down the appliance burner, in the event of adverse flue conditions.

If the appliance shuts down it can be restarted as described in 'TO LIGHT THE PILOT'.

If appliance shut down persists then the problem should be investigated by a specialist.

Replacement of the Spillage Monitoring Device should only replaced with the original manufacturers parts.

CLEANING

Cleaning should be carried out when the stove is turned **OFF** and is cold.

The exterior of the stove can be cleaned with a vacuum cleaner or dusted with a soft brush, either dry or moistened by drawing the bristle over a damp cloth.

A cloth is not recommended as it can leave fibres behind.

The flame effect of the stove may deposit some soot in the coals, or back of the stove. This is quite normal and need not be cleaned off but if desired can be removed by careful use of a soft brush.

REMOTE CONTROL (SEE FIG. 18)

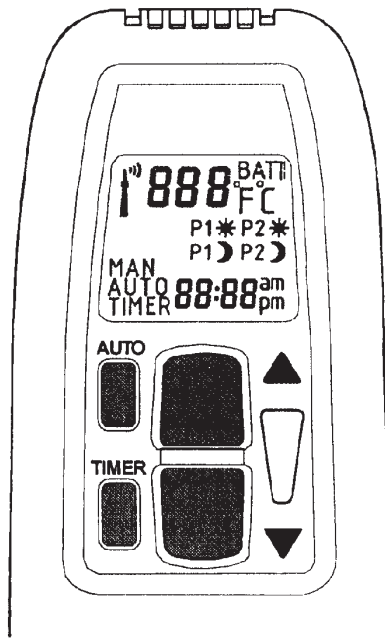


FIG. 18

DESN 512776

SETTING UP THE TRANSMITTER

SET THE DISPLAY

1. Simultaneously press **AUTO** and **TIMER**, the display flashes and is in set mode.
2. Press **AUTO** to switch to °F (and 12 hour clock) to °C (and 24 hour clock) or vice versa.
3. Display will automatically return to 'manual mode' after some time, but you may immediately return to manual by depressing the **TIMER** button.

SET THE CURRENT TIME

1. Simultaneously press **AUTO** and **TIMER**, the display flashes and is in set mode.
2. From set mode press (▲) to set hour and (▼) to set minute.
3. Wait or press **TIMER** to return to 'manual' mode.

PROGRAMMING THE DESIRED TEMPERATURE

1. Press **AUTO** until the display flashes.
2. Press (▲) or (▼) to set the desired temperature.
3. Wait or press **AUTO** to switch to automatic mode.
4. A sensor in the transmitter measures the room temperature. The controller compares the room temperature with the set temperature and sends a signal to the receiver to turn the gas valve motor, which adjusts the flame height accordingly.

PROGRAMMING THE TIMER

1. Press **TIMER** until P1* flashes (period 1, heating cycle on).
2. Set the time for the beginning of the first heating period by pressing (▲) for hour and (▼) for minute.
3. Press **TIMER** again; P1 P2 appears.
4. Store both heating periods by pressing **TIMER** again.
5. If only one heating period is desired, program the same time for P2* and P2 P2.

MANUAL MODE (MAN in display) for Manual Flame Height Adjustment

1. Press (▲) to turn on the fire (main burner) or to increase flame height.
2. Press (▼) to decrease flame or to turn down to pilot.
3. To increase or decrease the flame height lightly tap either the (▲) or (▼) button.
4. The 'send' symbol appears in the upper left corner of the display when either button is depressed.
5. The LED of the receiver flashes if you reach the end stops of the valve.

REMOTE CONTROL (continued)

AUTOMATIC MODE (AUTO in display) for TEMPERATURE CONTROL

1. Briefly press **AUTO**. The set temperature will appear briefly before the display reverts to the room temperature.

TIMER MODE (TIMER IN DISPLAY)

1. During heating periods P1* and P2*, the temperature is controlled in the same manner as in automatic mode.
2. When the timer program turns to (heating cycle off), the motor will turn the valve to the pilot and there is no temperature control. This minimises battery consumption.
3. You may press **AUTO** to verify the set-temperature and then press **TIMER** to return to timer mode.
4. You may press either (▲) or (▼) button. from any mode for manual override.
5. To prolong battery life, we recommend switching the transmitter to manual mode and turning the fire to pilot with the (▼) button before turning the appliance off. If the transmitter is left in automatic or timer mode, the batteries will continue to be used when the appliance is off.

Changing the Battery

1. If **BATT** appears in the upper right hand corner of the display or if the LED of the receiver becomes faint, please change the battery from transmitter or receiver. If the batteries lose power, the flame height can be adjusted by manually turning knob B.

NOTE: The placement of the transmitter (temperature sensor) is important to assure proper temperature regulation. Generally a more constant temperature can be assured, if the transmitter is not too far from the gas appliance. Before switching to **AUTO** and **TIMER** mode, press either button (▲) or (▼) to verify the reception (when the send symbol appears in the transmitter display, the receiver's LED must illuminate). For the **AUTO** or **TIMER** mode to function correctly the transmitter must remain within range of the receiver. The transmitter should not be used in very close proximity to the receiver (less than 1m/3ft) as this could, in very rare cases, produce a electronic switching error. This error could block the motor when the knob reaches the end points of its turning radius. The knob must then be turned manually to free the blockage.

The temperature is controlled by activating the motor for a specific length of time to adjust the appropriate flame height. This time is calculated by the transmitter and depends on variables such as room size, heater capacity, battery power etc. Therefore, a few cycles are necessary before an optimum is achieved. If a low flame is sufficient to provide enough warmth to the room, then the appliance will cycle between low fire and off. This allows longer periods with the flame on and provides a more uniform room temperature.

If the appliance is left unattended for longer periods (e.g. holidays), the combination control should be turned either off or to the pilot position, so that it cannot receive commands from the remote transmitter. Exercise caution when leaving the appliance unattended, in exceptional cases sound waves from sources other than the transmitter can cause changes in flame height adjustment.

REMOVING AND REPLACING COALS

Ensure that the stove and pilot are turned OFF and that the stove is cold.

Open the door of the stove (using the tool supplied Fig. 3).

In time due to expansion and contraction the 'coals' may settle. The settlement of the 'coals' may cause minor abrasions and expose some white spots. These white spots usually add realism to the stove when in operation.

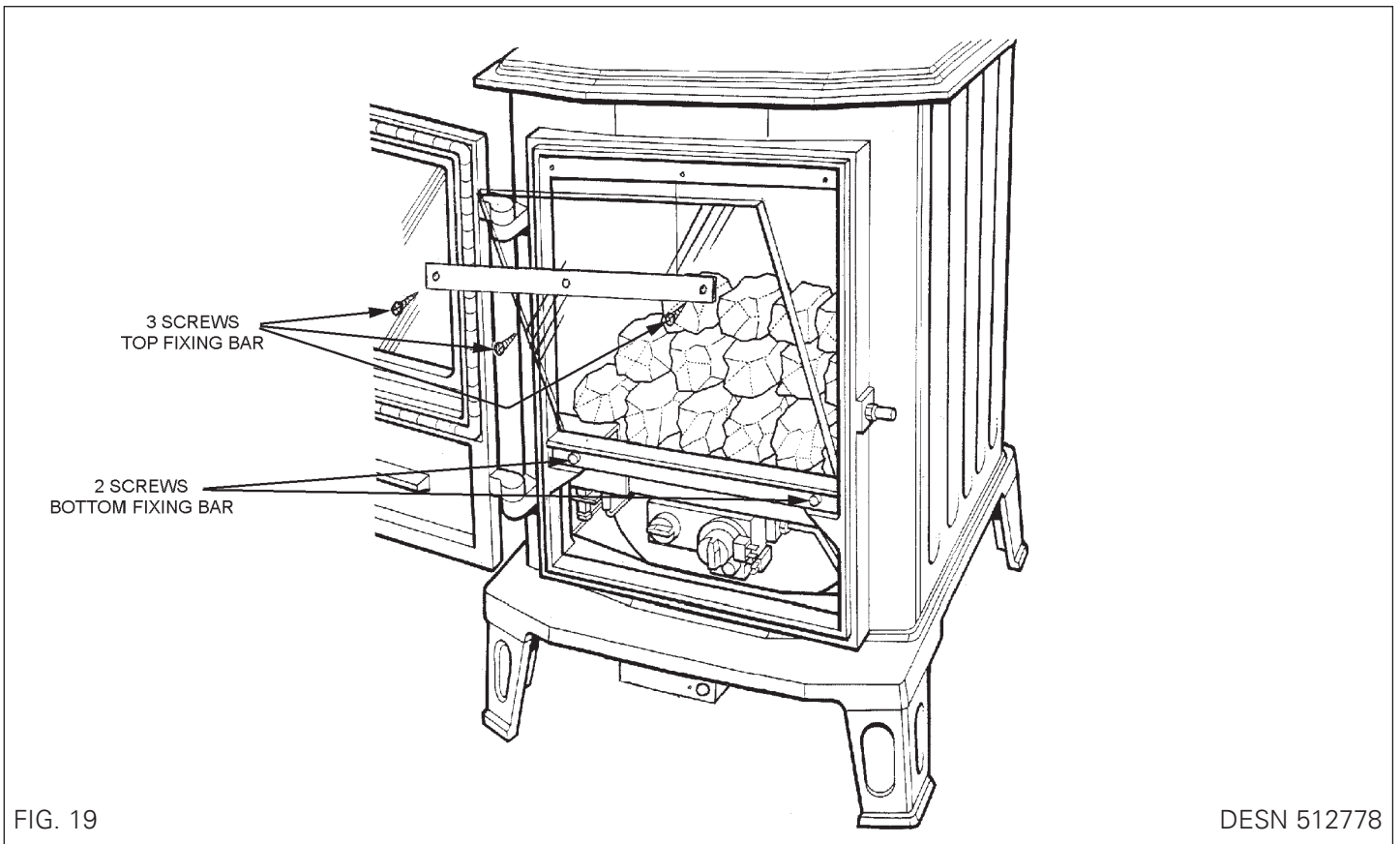
UNDER NO CIRCUMSTANCES TRY TO RE-COLOUR THE COALS WITH PAINT.

If the settlement of the 'coals' has produced any unsatisfactory flame pattern, or if the 'coals' need to be replaced, remove the existing coals and replace as follows:

Remove the inner glass panel.

REMOVAL AND REFITTING OF INNER GLASS (SEE FIG. 19)

1. Remove 3 screws from top fixing bar.
2. Loosen, but do not remove 2 fixing screws from bottom fixing bar.
3. Lift glass from bottom fixing bar and remove.
4. Replace in reverse order. Ensure glass is positioned centrally left to right and tighten screws till glass is firmly held in place. (Do not overtighten).



Positioning the Coals

Carefully place the coals on the coals bed as illustrated in Figs. 20, 21 and 22.

Re-insert the inner glass panel.

Close the door and lock. (Using the tool supplied). Remove the tool after use.

WARNING: USE ONLY THE SIMULATED COALS SUPPLIED WITH THE APPLIANCE TO BUILD THE BED. UNDER NO CIRCUMSTANCES USE EXTRA COALS OR PUT ANY OTHER MATERIALS ON THE FUEL.

DO NOT OPERATE THE STOVE IF THE GLASS IS CRACKED OR BROKEN.

LAYING THE FUEL BED

Ensure the white ceramic fibre bed is pushed fully down onto the burner.

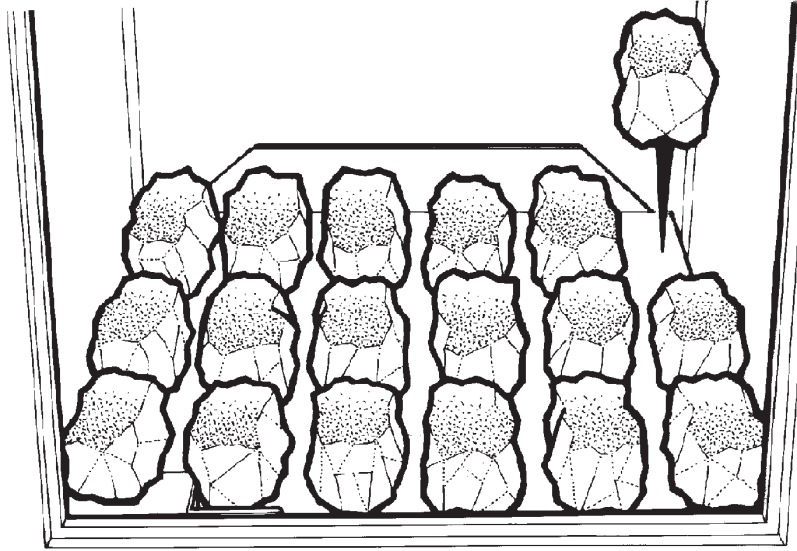


FIG. 20

PLACE THREE ROWS OF 6 COALS ONTO THE CERAMIC BED

DESN 512653

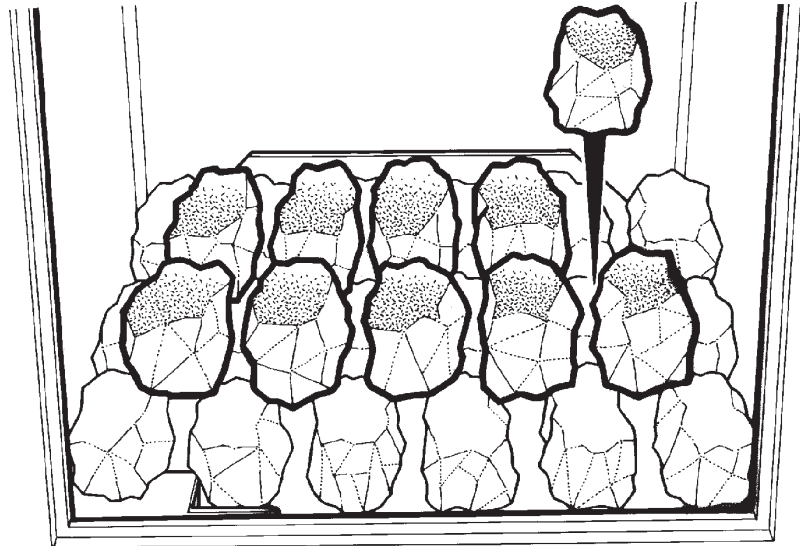


FIG. 21

PLACE TWO ROWS OF 5 COALS ON TOP OF THE THREE ROWS OF 6 COALS

DESN 512654

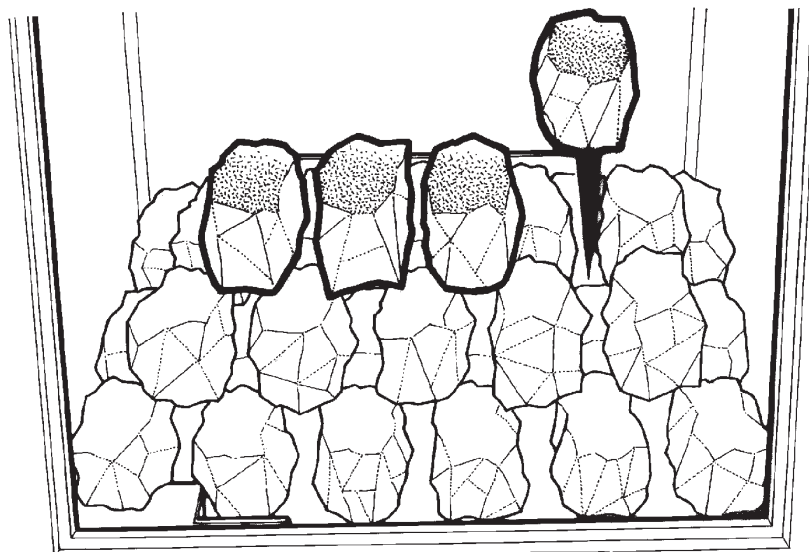


FIG. 22

PLACE A SINGLE ROW OF 4 COALS ON TOP OF THE TWO ROWS OF 5 COALS

DESN 512655

MAINTENANCE

If you require any of the below user replacement items or if you have any difficulty with the fire, consult your original supplier quoting the stove's name. Coalbrookdale Little Wenlock Gas - Serial number (found on Data Plate on inside of glass door).

Serial No:

The appliance should be serviced annually by a competent person (e.g. CORGI Registered Installer).

HEAT OUTPUT (GROSS)

Nox Level - CLASS 5

Efficiency - CLASS 2

Top Rear Open Flue Model

NG - MAX. SETTING	NG - MIN. SETTING	PROPANE/ - MAX. SETTING BUTANE	PROPANE/ - MIN. SETTING BUTANE
Output	Output	OUTPUT	OUTPUT
4.53 kW	2.40 kW	3.92 kW	2.28 kW

**For further advice or information contact
your local distributor/stockist**

With Aga-Rayburn'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.



Manufactured by
Aga-Rayburn
Station Road
Ketley Telford
Shropshire TF1 5AQ
England

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