



Robert H. Peterson Co.

Real  Fyre

Hand-Crafted Gas Logs Since 1949

OWNER'S
MANUAL

Models

G46-18/20-01(P)

G46-18/20-11(P)

G46-18/20-15(P)

G46-18/20(P)

G46-24-01(P)

G46-24-11(P)

G46-24-15(P)

G46-24(P)

G46-30-01(P)

G46-30-11(P)

G46-30-15(P)

G46-30(P)



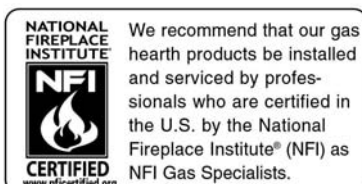
**C.S.A. CERTIFIED
GLOWING EMBERS
GAS FIREPLACE
LOG SET**

G46 SERIES BURNER

WARNING: If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS.**
 - Open a window.
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.

Installation and service must be performed by an NFI Certified or other qualified, professional installer, service agency or the gas supplier.



INSTALLER & CONSUMER :

These Instructions **MUST** be retained with this appliance

**IMPORTANT: READ THESE INSTRUCTIONS
CAREFULLY BEFORE STARTING
INSTALLATION OF YOUR LOG SET**

Your Peterson Real-Fyre Gas Log Set is to be installed only in a solid-fuel burning fireplace with a working flue constructed of noncombustible material. Solid fuels shall not be burned in a fireplace where this gas log set is installed. The installation, including provisions for combustion, ventilation air and required minimum permanent vent opening, must conform with the National Fuel Gas Code (ANSI Z21.60a-2003 and CSA 2.26a-2001) and applicable local building codes. In Canada, the installation must conform with the current CAN/CGA B149.1, and B149.2 Installation Code.Z223.1) and applicable local building codes. A damper clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. **The chimney damper MUST be fully open when burning the log set. Your log set is designed to burn with yellow flames; adequate ventilation is absolutely necessary.**

IMPORTANT: To comply with certification, listings, and building codes, and for safe operation and proper performance, ONLY Peterson parts and accessories MUST be used with this gas log set.



ROBERT H. PETERSON CO. 14724 East Proctor Ave., City of Industry, CA 91746



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MANUEL
OWNERS

Real Fyre

Hand-Crafted Gas Logs Since 1949

Models

G46-18/20-01(P) G46-30-01(P)
G46-18/20-11(P) G46-30-11(P)
G46-18/20-15(P) G46-30-15(P)
G46-18/20(P) G46-30(P)

G46-24-01(P)
G46-24-11(P)
G46-24-15(P)
G46-24(P)



C.S.A. ENSEMBLE DE
LA GROSSE BÛCHE
DE LA CHEMINÉE
DU GAZ DES
CENDRES ARDENTES
ENTHOUSIASTE
CERTIFIÉ

G46 SÉRIE BRÛLEUR

AVERTISSEMENT: Si les informations dans ce manuel ne sont pas suivies exactement, un feu ou explosion peut résulter cause propriété endommagée, blessure personnelle ou perte de vie.

Ne mettez pas en réserve ou utilisez de l'essence ou autre vapeurs inflammables et liquides dans le voisinage de celui-ci ou tout autre appareil.

CE QUI Faire Si VOUS avez SENTI le GAZ

- n'essaie pas d'allumer de l'appareil.
- ne touche pas de changement électrique; ne utilisez pas du téléphone dans votre bâtiment.
- appelle Immédiatement votre fournisseur du gaz du téléphone d'un voisin et suit les directives des fournisseur du gaz.
- Si vous ne pouvez pas atteindre votre fournisseur du gaz, appelle le département du feu.

L'installation et service doivent être exécutés par un NFI Certified ou autre installateur qualifié, professionnel, agence du service ou le fournisseur du gaz.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

INSTALLATEUR & CONSOMMATEUR: Ces directives doivent être retenues avec cet appareil.

IMPORTANT:

LISEZ des DIRECTIVES de l'INSTALLATION AVEC SOIN AVANT de COMMENCER INSTALLATION D'ENSEMBLE de la GROSSE BUCHE

Votre Real-Fyre de Peterson Tronçonne l'Ensemble est est installé seul dans un solide-combustible cheminée brûlante avec un [flue] qui travaille a construit de matière du non-combustible. Combustibles solides ne seront pas brûlaient dans une cheminée où un gaz tronçonne l'ensemble est installé. Le minimum permanent décharge l'ouverture a fourni par la cheminée de la cheminée ou cheminée plus humide décharger les produits du [flue] est inscrit sur page 2. Une douche froide de cheminée doit être arrangé maintenir dans une manière le minimum permanent décharge l'ouverture. L'installation, y compris vivres pour combustion et ventilation aère, doit conformer avec le National américain le Code du Gaz de la Combustible Standard (ANSI Z21.60a-2003 et CSA 2.26a-2001) et codes du bâtiment applicables locaux. Au Canada l'installation doit être conforme avec le courant PEUT/CGA B149.1 et B149.2 code de l'installation. **La douche froide de cheminée doit être complètement ouverte quand brûler l'ensemble de la grosse bûche. Votre ensemble de la grosse bûche est conçu pour brûler avec les flammes du jaune; la ventilation adéquate est absolument nécessaire.**

IMPORTANT: Pour opération sûre et performance adéquate et pour se conformer avec Certification CSA, SEULEMENT Peterson part et les accessoires doivent être utilisés avec cet ensemble de la grosse bûche du gaz



G46 GAS LOG SET

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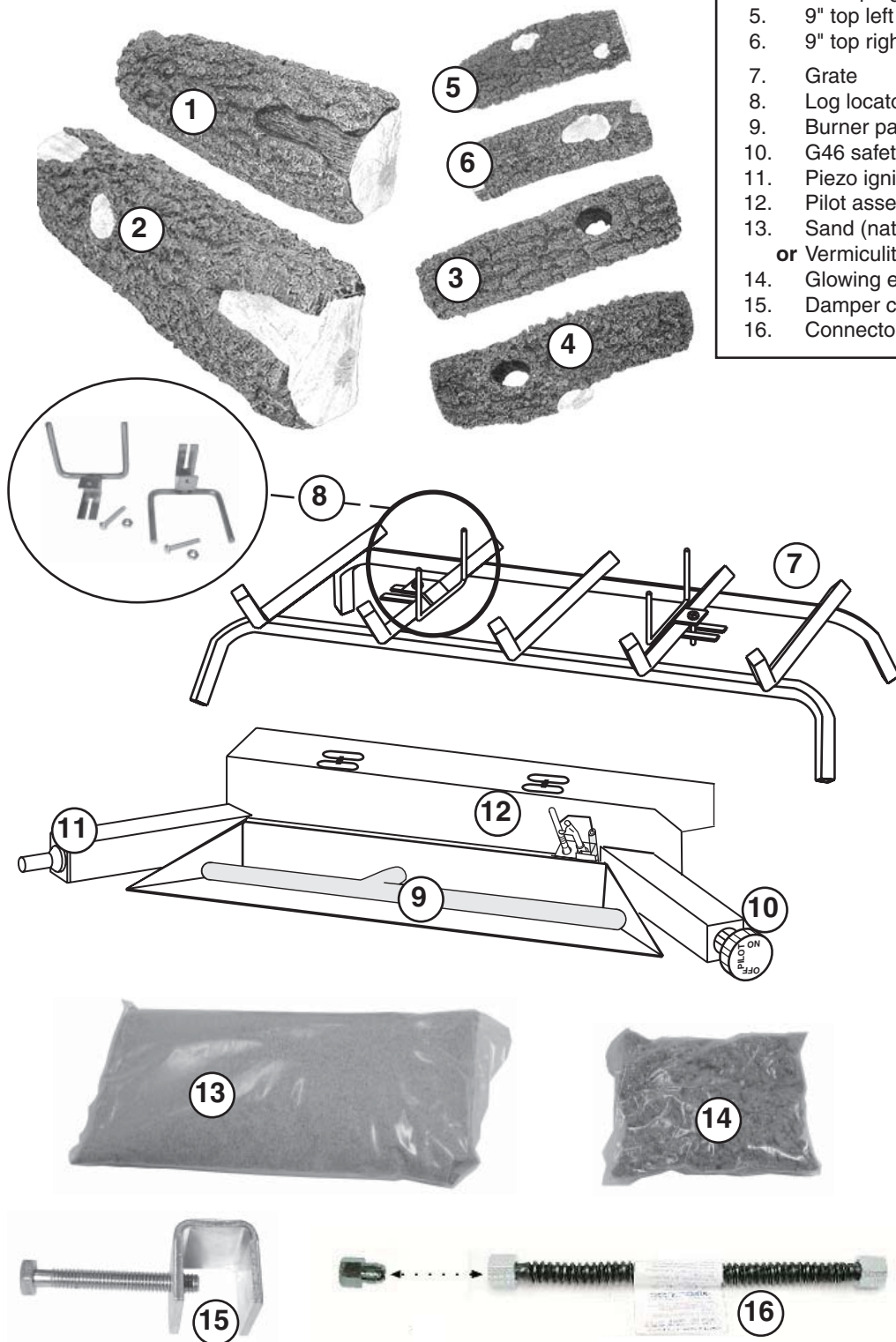
PARTS LIST FOR REAL-FYRE G46 SERIES GLOWING EMBER GAS LOG SETS

Log styles, sizes and parts will vary depending upon the G46 Series model ordered.

When ordering replacement parts, be sure to indicate your log set model.

NOTE: Only the logs for the WO-24 Woodland Oak 24" Set are illustrated and listed below.

Item No.	Description
1.	20" rear log
2.	24" front log
3.	15" top left log
4.	15" top right log
5.	9" top left log
6.	9" top right log
7.	Grate
8.	Log locators with screws
9.	Burner pan assembly
10.	G46 safety control system (see Pages 5-6)
11.	Piezo ignitor assembly
12.	Pilot assembly
13.	Sand (natural gas) or Vermiculite (L.P. gas)
14.	Glowing embers
15.	Damper clamp
16.	Connector kit



G46 Burner with Manual Control (Top view)



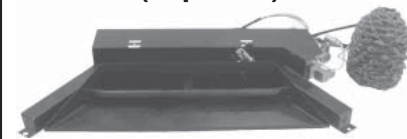
G46-11 Burner (Top view)



G46-15 Burner (Top view)



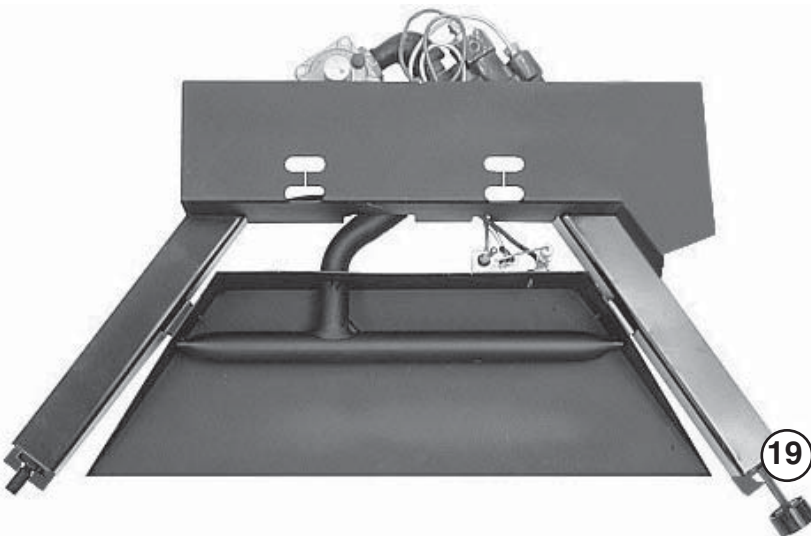
G46-01 Electronic Burner (Top view)



NOTE: Photos not to scale

Actual parts may differ.

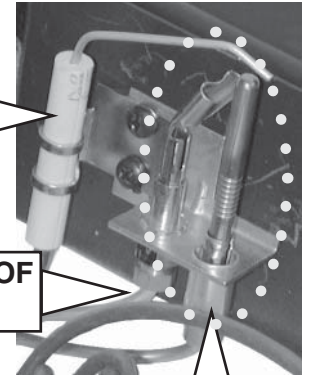
SAFETY CONTROL SYSTEM FOR G46 MANUAL



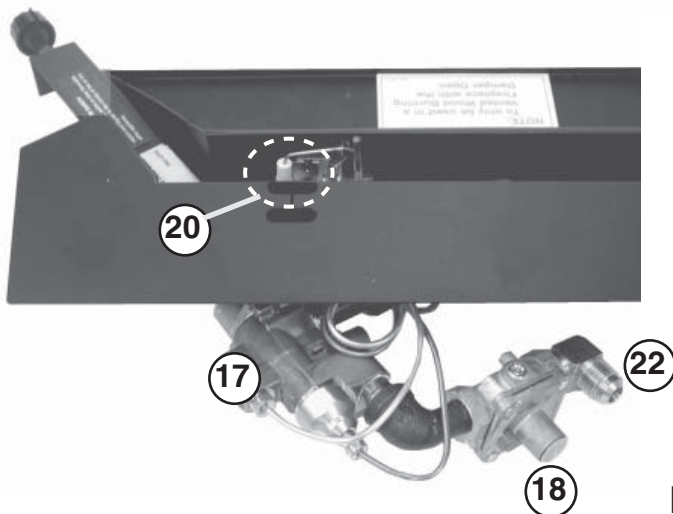
**PILOT ASSEMBLY
(Rear view)**

**CERAMIC
ELECTRODE
(ITEM 21)**

**LOCATION OF
ORIFICE**



**PILOT
ASSEMBLY
(ITEM 20)**

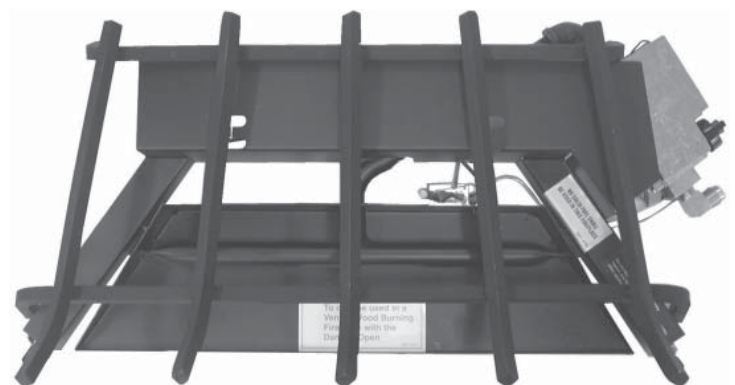
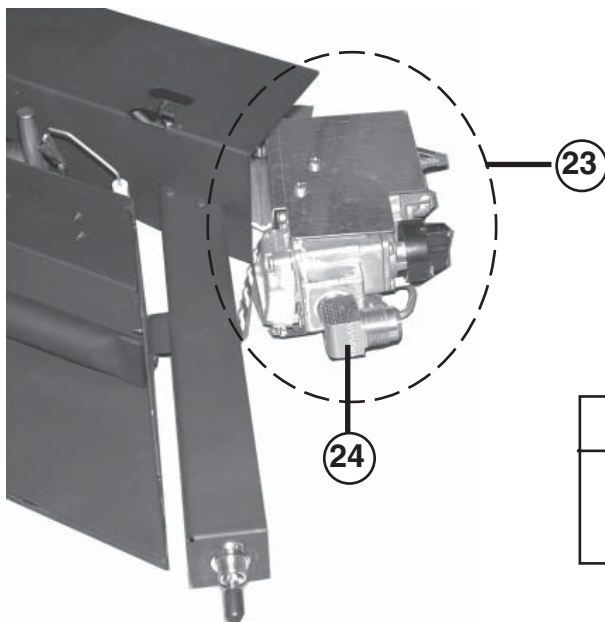


Item No.	Description
17.	Safety control valve
18.	Pressure regulator (natural gas) Pressure regulator (L.P. gas)
19.	Handle assembly
20.	Pilot assembly
21.	Ceramic electrode
22.	Adapter elbow

**G46 Burner showing valve layout
under heat shield (rear view).**

NOTE: DO NOT REMOVE HEAT SHIELD

SAFETY CONTROL SYSTEM FOR G46-11(P)

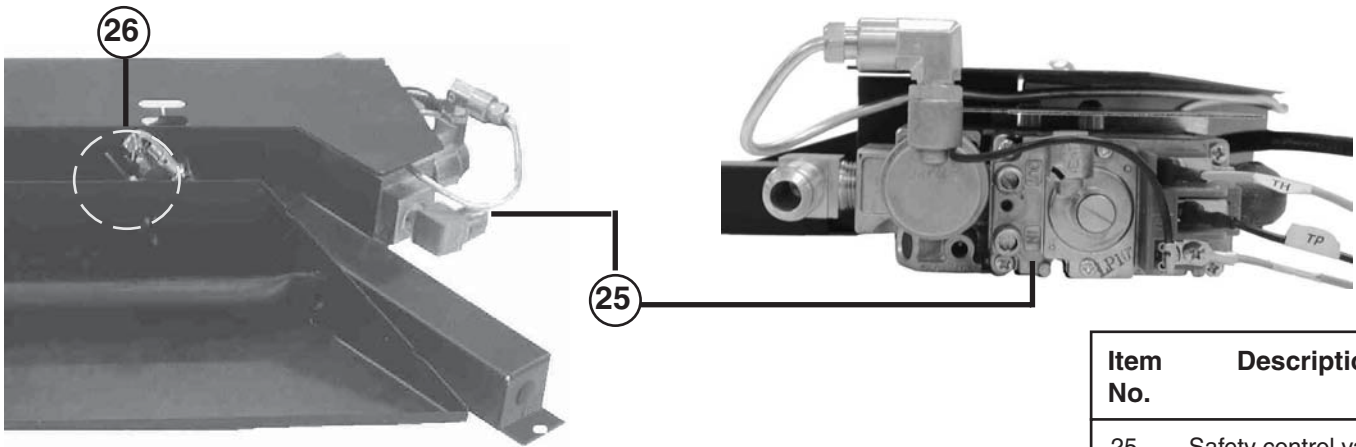


Item No.	Description
23.	Safety control valve
24.	Brass elbow 1/2" flare x 3/8" MIP

**G46 Burner showing valve layout
under heat shield.**

NOTE: DO NOT REMOVE HEAT SHIELD

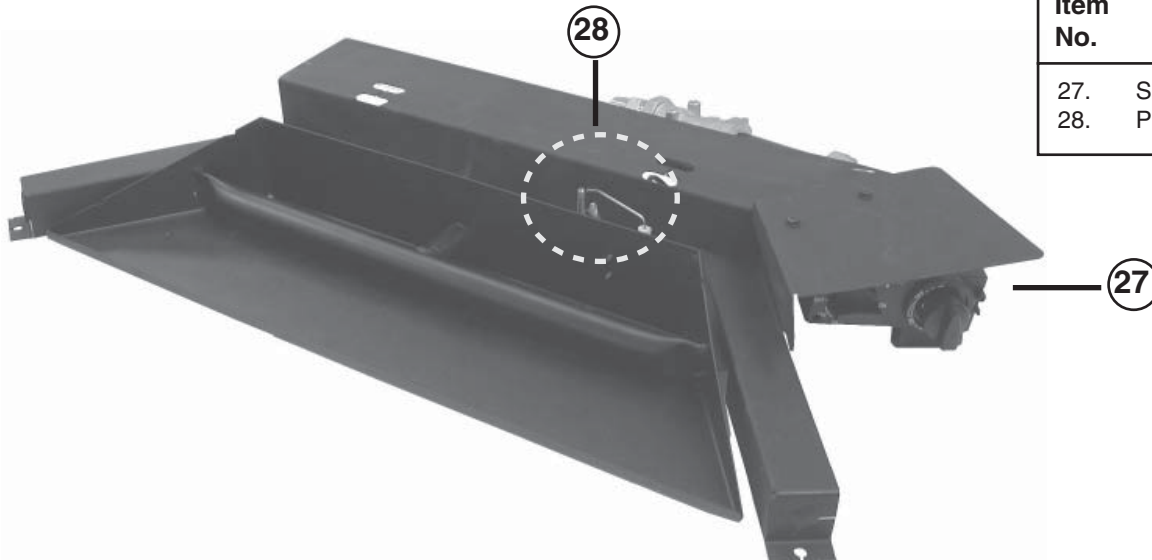
SAFETY CONTROL SYSTEM FOR G46-01(P)



G46 Burner showing Remote Control layout under heat shield.
NOTE: DO NOT REMOVE HEAT SHIELD

Item No.	Description
25.	Safety control valve
26.	Pilot assembly

SAFETY CONTROL SYSTEM FOR G46-15(P)

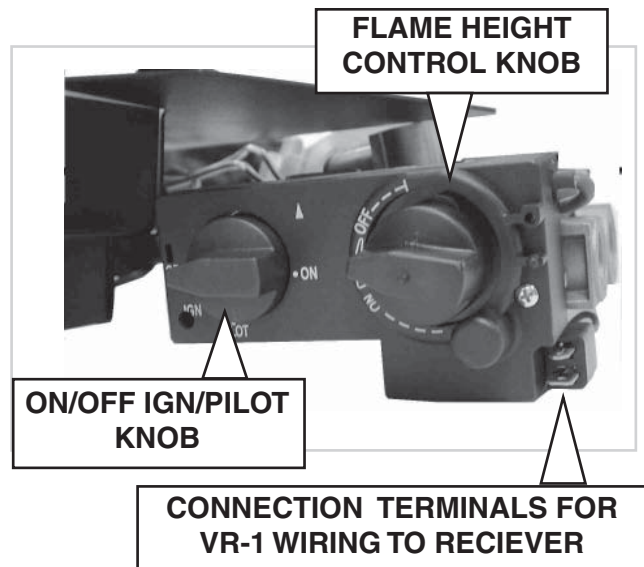


G46 Burner showing 15 valve under heat shield.

NOTE: DO NOT REMOVE HEAT SHIELD

Item No.	Description
27.	Safety control valve
28.	Pilot assembly

SUPPLIED VR-1 REMOTE WITH RECEIVER, HEATSHIELD, BATTERIES & WIRING



G46 SERIES IMPORTANT INFORMATION

Do not use this log set if any part has been under water. Immediately call a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

The appliance and its individual shutoff valve must be disconnected from the gas supply piping system when testing the system at test pressures in excess of ½ psig. This is accomplished by closing the gas supply line valve, which is required by NFPA54, section 5.54.

Keep the area of the gas log set clear and free from combustible materials, gasoline and other flammable vapors and liquids.

The minimum inlet gas supply pressure for the purpose of input adjustment is 5" for natural gas and 11" for propane gas. The maximum inlet gas supply pressure for this burner is 14" for natural and propane gas.

A fireplace screen must be in place when the log set is burning. Provisions for adequate combustion air must be maintained. Combustion air is adequate when all flames curl into the fireplace and away from the screen.

When glass fireplace doors are used, operate the gas log set with the doors open.

The minimum size fireplace in which the log set is to be installed is listed in the "Technical Data Table" below. The minimum chimney height from the hearth to the top of the chimney is 15'

**THIS GAS LOG SET CONFORMS TO THE
ANSI Z21.60a -2003 STANDARD.**

Real-Fyre G46 Series Technical Data Table					
Minimum Fire Box Dimensions				BTU Rating	
Log Set Size	Front Opening	Depth	Height	Nat.	Propane
18"	24"	13"	16"	40,000	40,000
20"	26"	13"	16"	40,000	40,000
24"	30"	13"	16"	55,000	55,000
30"	36"	13"	16"	65,000	65,000

Minimum Free Opening Area of Chimney Damper for Venting *						
For Factory Built Fireplaces Log Set Sizes				For Masonry Built Fireplaces Log Set Sizes		
Chimney Height	18"&20"	24"	30"	18"&20"	24"	30"
15'	15 SQ"	21 SQ"	29 SQ"	23 SQ"	31 SQ"	40 SQ"
20'	14 SQ"	18 SQ"	24 SQ"	21 SQ"	28 SQ"	36 SQ"
25'	12 SQ"	16 SQ"	21 SQ"	20 SQ"	27 SQ"	34 SQ"
30'	10 SQ"	15 SQ"	19 SQ"	19 SQ"	26 SQ"	33 SQ"

*Note: A damper stop clamp is provided as a means to prevent full closure of the damper blade. Fully open the damper when burning the log set (see page 8 for details on the damper clamp).

**Your log set is designed to burn with yellow flames;
Adequate ventilation is absolutely necessary.**

IMPORTANT: To comply with certification, listings and building code acceptances and for safe operation and proper performance **ONLY** Real-Fyre parts and accessories may be used with this gas log set. Real-Fyre valves, controls, parts and accessories have been designed, tested and certified for use with Real-Fyre Gas Log Sets. Use of other controls, parts and accessories which are not designed for use with Real-Fyre Gas Log Sets is prohibited and will void all warranties, certifications, listings and building code approvals, and may cause property damage, personal injury or loss of life.

DAMPER STOP CLAMP INSTRUCTIONS

DAMPER CLAMP INSTRUCTIONS

The damper clamp with hex bolt (Figure 1) is provided as a means to prevent full closure of the damper blade. The clamp is easily attached to most damper blades with pliers or wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed as illustrated (Figures 2 A&B). Should the clamp not fit, or provide the permanent vent opening listed on the table found on page 7, have a permanent stop installed, remove the damper blade or have the damper cut to provide the minimum permanent opening required.

Figure 1

Damper Clamp

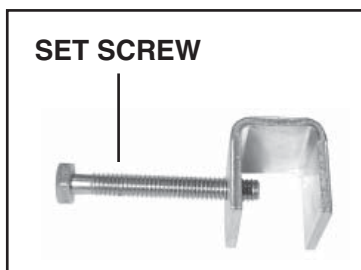
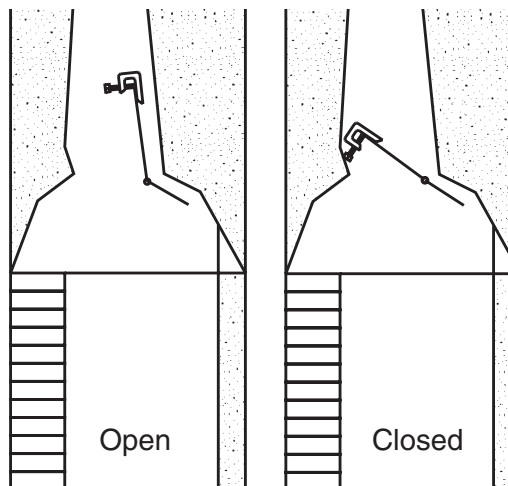


Figure 2A

Figure 2B

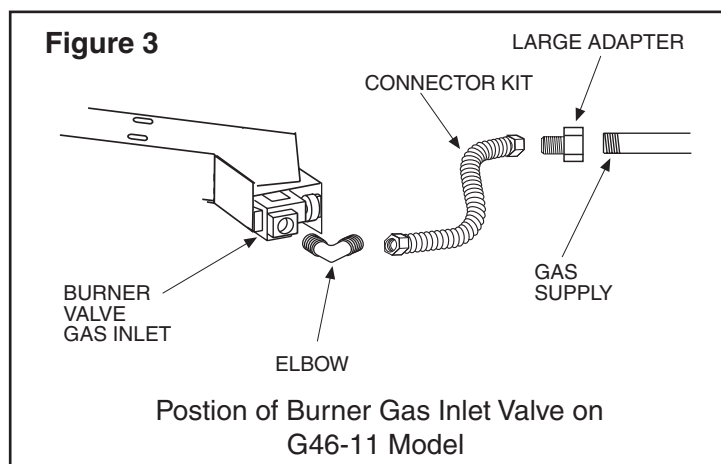


INSTALLING YOUR REAL-FYRE GAS LOG SET

Your Peterson Real-Fyre gas log set must be installed by an NFI Certified or other qualified, professional installer. Instructions must be followed carefully to ensure proper performance and an aesthetically pleasing product. **Check to be sure your log set is designed and labeled for the type of gas (natural or propane gas) supplied to your fireplace.** Never use a log set designed for natural gas with propane gas or a log set designed for propane gas with natural gas. Real-Fyre gas logs must be installed only in a wood-burning fireplace with the minimum venting requirements met (see page 7). **Fireplace floor must be level, clean and smooth.** Check parts list to be sure all parts are included. Gas supply pipe inside diameter (I.D.) must be 1/2" or larger. 3/4" I.D. may be necessary if gas line is longer than 20'.

You should adjust and align the pilot prior to installing by using the flex connector kit (Item 16). Attach your connector kit to the gas supply and the burner outside the fireplace. This will allow you to move the burner at an angle in order to access the pilot adjustment screw on the valve (see page 24 for pilot adjustment).

Figure 3



INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

NOTE: REFER TO PARTS LIST (PAGE 4) WHEN FOLLOWING THESE INSTRUCTIONS.

INSTALLATION OF LOG SET IN YOUR FIREPLACE

(be sure the gas to the fireplace is off)

1. The burner gas inlet is located in front of the gas valve (Figure 3). **Use teflon tape or pipe compound on all pipe thread male connections, except where brass to brass.**

FOR THE G46 AUTOMATIC MILLIVOLT VALVE Attach the connector kit 3/8" adaptor to the brass elbow (Item No. 24) on the valve. The log set user should make themselves familiar with the valve control layout before installing the burner into the fireplace.

2. Next clamp the log locators onto the grate fingers (one in from either end). The log locators will fit on either side of the grate finger (see Figure 4a and b). Align the locator screw so that it projects down into the locator holes on the burner. Attach nuts to screws and finger tighten only. Place the bottom log on the grate (see Figure 4c) and align the log against the locator. Fully tighten the screws and then remove the logs and grate until completing gas connection and granule placement.

3. Position the burner in the center rear of the fireplace. Connect the connector kit tubing (Item 16) to your gas supply. **Be sure that the burner assembly and the valve remain in alignment.** If the valve shifts position during installation, the burner assembly may not sit flat in the fireplace, causing improper gas flow. It may also cause interference with the control knob operation.

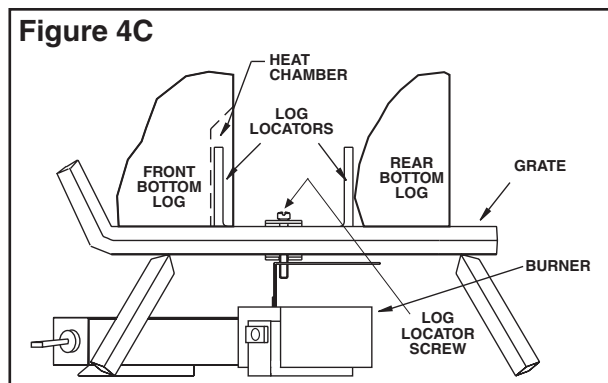
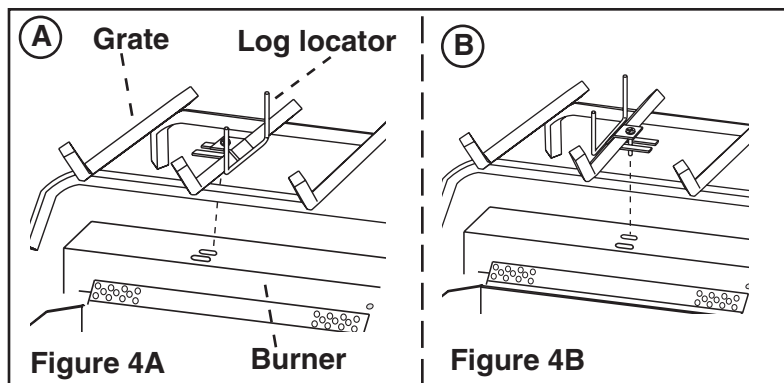
- Make sure that the safety control system is in the "OFF" position.

- Turn on the gas to the fireplace and check for leaks at all connections by using a soapy water solution.

Never use an open flame to check for leaks.

- Light the pilot (pages 16-23) and check for proper adjustment. If the pilot needs to be adjusted, follow the instructions on page 24. Turn the pilot off.

- Position the grate on the burner (Figure 4c). Push the burner-grate assembly as far as possible to the rear of the fireplace, then remove the grate.



IMPORTANT:

Log locators may be installed in either configuration (A or B), depending on burner size. Adjust as necessary to ensure screws fit in locator holes in burner. This secures the burner and grate from movement, and keeps the logs in place for optimum log set operation.

**NOTE: IF YOUR LOG SET IS A G46-01(P) MODEL CONTINUE FOLLOWING THE INSTRUCTIONS ON PAGE 10.
FOR ALL OTHER MODELS PROCEED TO PAGE 11.**

INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

SPECIAL INSTRUCTIONS FOR G46-01-xx(P) MODELS Installing pine cone with switch for 01M models

CONNECTING THE IGNITION PACK TO THE G46-01(P) VALVE

The G46-01-xx(P) valve comes complete with the wiring harness connected to the pine cone switch. You may wish to ensure it is correctly connected before finally connecting the 3 wires to the valve as below.

TO CHECK THE WIRING ASSEMBLY:

- Check that the wiring harness is fitted tightly into the connector on the green ignitor pack in the rear of the pine cone (Figure 5A).
- Check that the female connectors on the two black wires from the pilot assembly (wires marked "I" and "S") are inserted fully into the male connectors on the ignitor pack (Figure 5B).
- Check the connection of the red and black wires of the wire harness to the respective counterpart wires from the battery holder (red-red and black-black). The two brown wires should be connected to the switch.

Note: the 2 spare brown wires with coated male connectors are used to connect an optional remote system.

- Finally connect the wires to the valve in the following order (see Figure 6):

Orange wire marked **THTP** - to **THTP** connector on valve

Black wire marked **TP** - to **TP** connector on valve

Green wire marked **TH** - to **TH** connector on valve

INSTALLING OR REPLACING BATTERIES FOR IGNITION MODULE PACK

Two 1.5-volt (D-cell) alkaline batteries are supplied with your log set. To install or replace batteries, remove the green ignition module pack, held in place with a velcro strip, from rear of the pine cone receiver (Figure 7). Remove battery holder and old batteries from the pine cone. Replace (or install) batteries into the battery holder, making sure they are installed according to the diagram in battery holder. Replace holder, pressing it firmly against the velcro strip. Replace ignition pack and press firmly into place. The ignition system is now ready to operate.

NOTE: For your system to work properly, it is suggested that you replace batteries annually with fresh batteries. Always replace all the batteries at the same time.

CHECK CONNECTIONS **Figure 5**
STEP 5 (A-B)

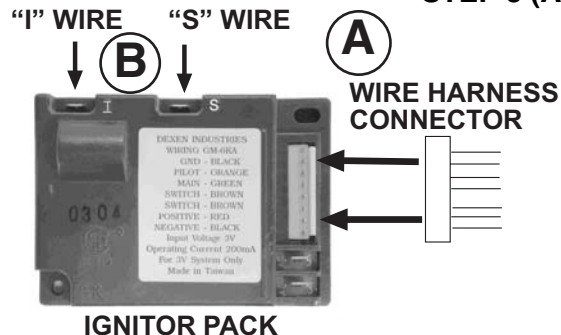


Figure 6
STEP 5(D)

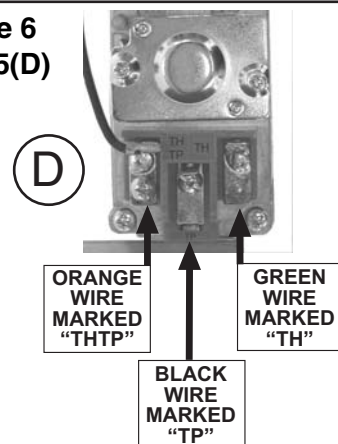
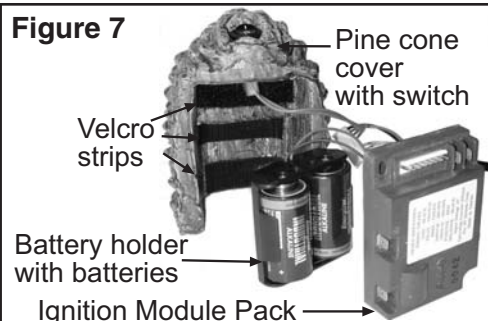
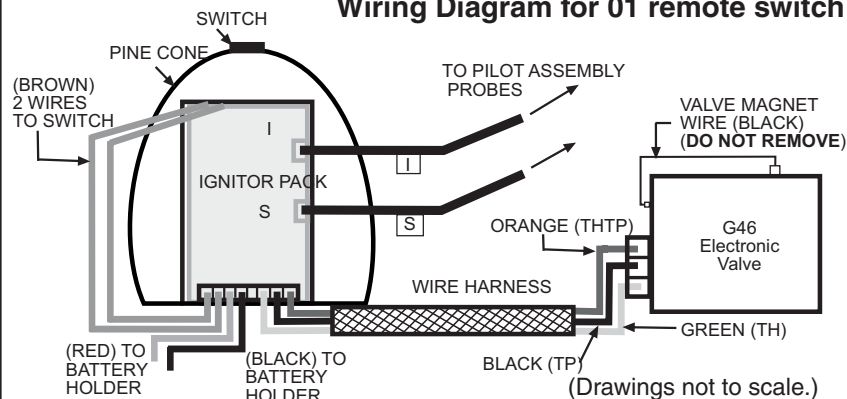


Figure 7



Wiring Diagram for 01 remote switch



PINE CONE PLACEMENT

The designer pine cone incorporating the control switch is aesthetically designed and is an integral part of the operation of your set. The pine cone can be placed as close to the valve as you desire, **but never closer than 4" from the flame.**

CAUTION: THE PINE CONE MAY BE HOT DURING AND DIRECTLY AFTER OPERATION OF YOUR GAS LOG SET.

IMPORTANT

For all valves, the air **MUST** be purged from the gas line before the pilot will light and burn properly. The time needed to purge will depend on the length of the gas line to the unit and the amount of time since the unit or gas line was last used. It may take several minutes before all the air is purged and the pilot will light and burn properly. Follow the "Lighting Instructions" (pages 16-23) in this manual.

SECURING THE BURNER

Your gas log set has 2 securing holes at the front of the burner pan heat shield (see parts list and Figure 8 for location). Mark the center point of each hole and drill a 3/16" pilot hole (one for each side) into the fireplace floor. Secure with 1/4" anchor bolts.

GRANULE PLACEMENT

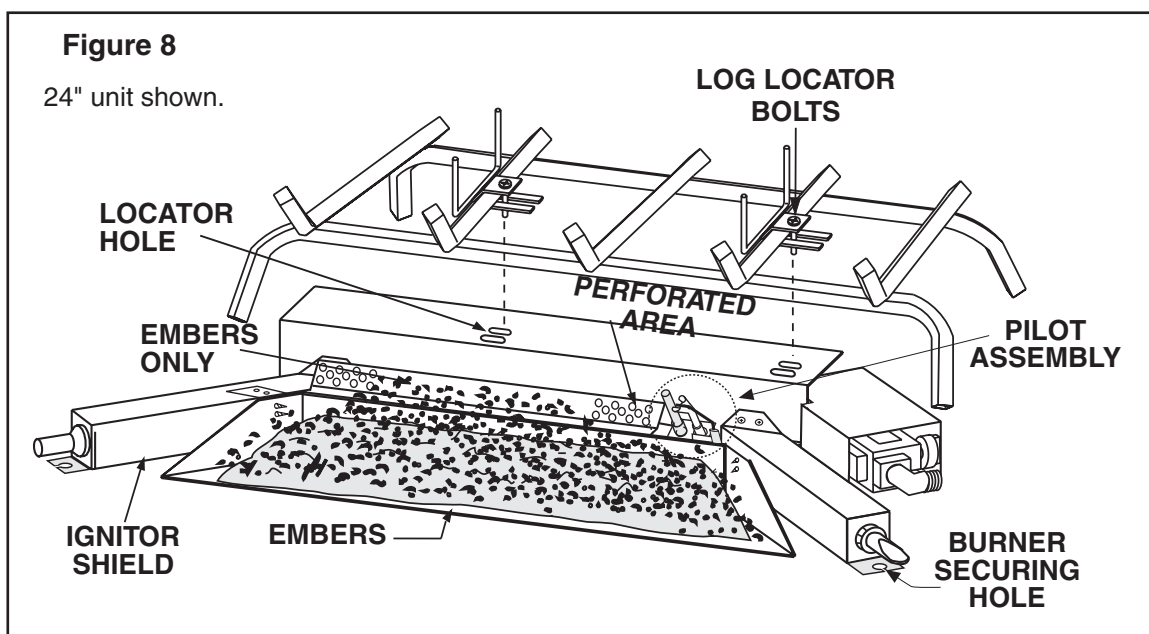
Fill the burner pan completely with granules (Item 13). **Slope the granules at the same angle as burner pan.** Do not allow granules to spill over front lip, sides or back of the burner. **DO NOT PLACE GRANULES ON IGNITOR SHIELD OR KNOB SHIELD.**

EMBER PLACEMENT

After breaking up any clumps, sprinkle embers (Item 14), lightly and evenly over entire surface of the granules. You may sprinkle the embers (not the granules) over knob and ignitor shields, making sure to keep embers clear of pilot assembly.

Embers around the pilot will block air flow, causing the pilot to overheat and shutdown the system.

To check operation, light pilot and burner (pages 16-23).



INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

Note: For Charred Series see Page 14
For Western Campfire Series see Page 15.

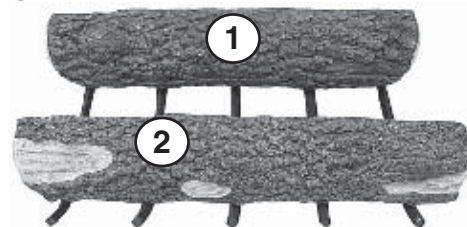
Proper log placement is important to insure proper performance of your Real-Fyre gas log set. Be sure to follow the log placement instructions carefully. 3 optional log placement patterns, an exclusive feature of Real-Fyre gas logs, are explained below.

REAL-FYRE GAS LOG SETS 18"-30".

24" Woodland Oak (WO) log set shown.

For all Options - Step 1. Place the rear bottom log (Log #1) on the back of the grate (Figure 9), and slide it forward against the log locators. Place the front log (Log #2) on the front of the grate and slide it back against the log locators. The log locators ensure that adequate space between the logs is maintained for a cleaner burn.

Figure 9



Option 1 - Step 2. Place the the middle log (Log #4) to rest on the front and rear bottom logs as shown in Figure 10A. Place Log #3 so it rest on Log #4 and the front log, as shown in figure 10A. Ensure they are placed across the space between the logs.

Option 1 - Step 3. Place the top logs (Logs #5 & 6) as shown in Figure 10B, with Log #5 resting on Log #3 and the front log, and Log #6 resting on the rear log and Log #4.

Figure 10A

**Option 1
Step 2.**

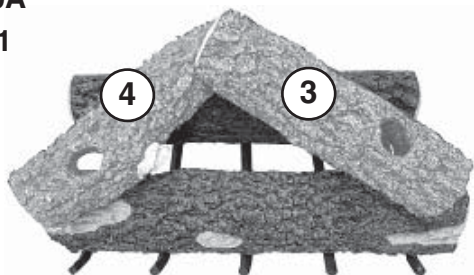
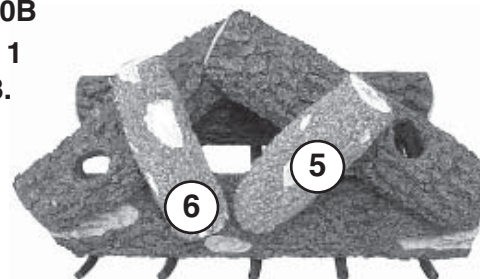


Figure 10B

**Option 1
Step 3.**



Option 2 - Step 2. Place the middle logs parallel as shown in Figure 10A. Log #3 is placed with one end on the front log, the other end resting on Log #4.

Option 2 - Step 3. Place Log #5 resting on the front log and the left middle log, and Log #6 resting on the rear log and the right middle log as in Figure 10C.

Option 3 - Step 2. Place the middle logs (Logs #3 & 4) so they are parallel, resting on the front and rear logs across the space as shown in Figure 10D.

Option 3 - Step 3. Place top logs #5 & 6 so they are parallel and rest across Logs #3 & 4, as in Figure 10D.

Figure 10C

**Option 2
Steps 2 & 3.**

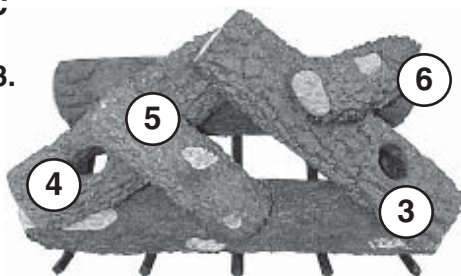
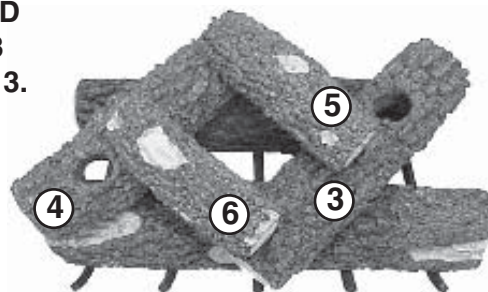


Figure 10D

**Option 3
Steps 2 & 3.**



CAUTION: BURN HAZARD.

LOGS WILL REMAIN HOT FOR SOME TIME AFTER USE.

**YOU MUST MAINTAIN THE LOG LAYOUT AS SHOWN TO ENSURE PROPER
OPERATION OF YOUR LOG SET.**

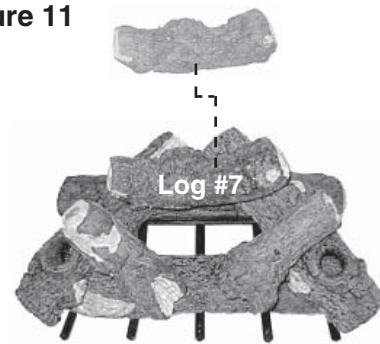
**IF YOU NEED TO REPOSITION ANY LOG TO MAINTAIN THE PROPER LAYOUT,
USE HEAT RESISTANT GLOVES OR ALLOW LOGS ADEQUATE TIME TO COOL BEFORE HANDLING.**

INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

REAL-FYRE GAS LOG SETS OPTIONAL BONUS LOG PLACEMENT

Your optional bonus log (included with Golden Oak Designer Plus and Split Oak Designer Plus Log Sets) should be placed directly above the front or rear bottom logs (Logs #1 & #2), so it does not extend into the space between the front and rear logs, as shown in Figure 11.

Figure 11



OPTIONAL LOG PLACEMENT PATTERNS SUMMARY

The illustrations below (Figures 12A-C and 12D-F for Split Oak) show the three basic log placement patterns available for G46 Real-Fyre C.S.A. Certified gas log sets. The mirror image of each of the illustrations is also approved. These log placement patterns are the acceptable patterns for all other sets.

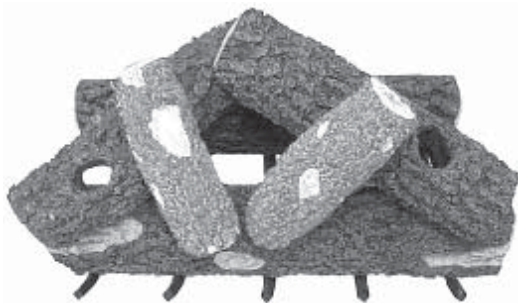


Figure 12A



Figure 12C



Figure 12B



Figure 12D



Figure 12F



Figure 12E

INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

If you have purchased this style of log set, follow the instructions below.

NOTE: The logs for the CHD Charred Oak Set are illustrated.

Log styles and sizes will vary depending upon the Charred Series log set ordered.

NOTE: INSTRUCTIONS ON THE FYREBED MAY NOT BE APPLICABLE

The COALS FYREBED (see Figure 13) **supplied with your Charred log set**, fits onto the back of the burner pan. Place it centrally on the back so the outer front tabs hang over the pan (see Figure 14). Set it so it is over the pilot assembly, but high enough that it does not interfere with the operation of the pilot (see Figure 13). Cover the surface of the COALS FYREBED with the GLOWING EMBERS, supplied with your Charred Series log set, making sure to keep the GLOWING EMBERS clear of the pilot assembly. For best glowing performance, they should be applied evenly and pulled slightly apart so the fibers are somewhat loose. (It is not necessary to pile the entire bag of the GLOWING EMBERS). Center flame must be clearly visible, or excessive sooting could occur.

Figure 13

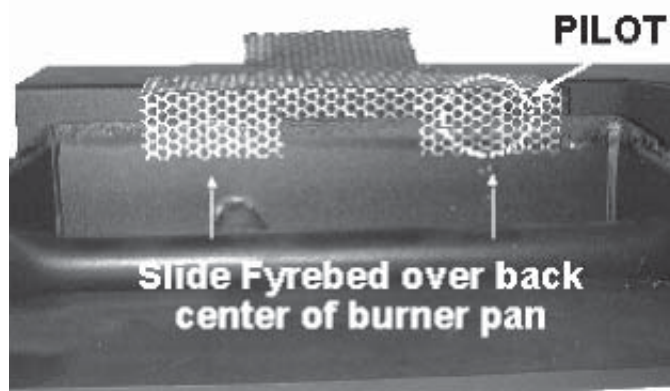
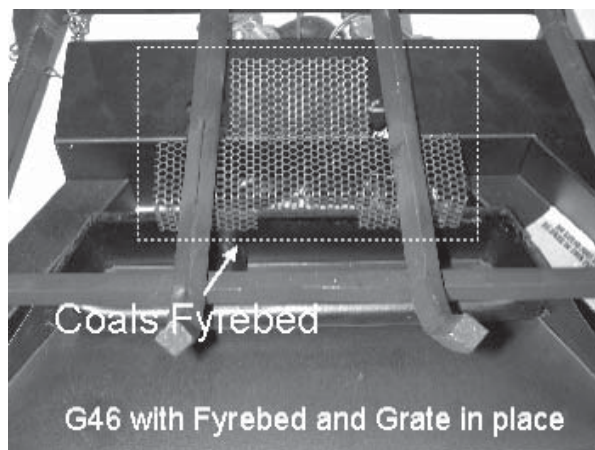


Figure 14



CHARRED SERIES LOG PLACEMENT - 24" Charred Oak (CHD) set shown

- Step 1.** Place the long bottom rear log (Log #1) on the back of the grate with the flat hollow side facing the rear of the fireplace. Push the log up against the log locators.
- Step 2.** Place the two sections of the front log (Log #2L & 2R) on the front of the grate and up against the log locators. The charred sections should be facing each other, approximately one inch apart at the top.
- Step 3.** Place the two top knot hole logs (Logs #3 & #4) so that one end rests on each front log section and the other end rests on the rear log, as shown in Figure 16. The charred sections should be over the opening between the front and rear logs.
- Step 4.** Place the top logs (Logs #5 & 6) as shown in Figure 17, with Log #5 resting on left hand knot hole log #3 and the left front log (Log #2L), and Log #6 resting across both knot hole logs to the rear.
- Step 5.** Place the additional top log (Log #7) so it rests near on the right hand knot hole log (Log #4) and on the right front bottom log section (Log #2R) as shown in Figure 18.

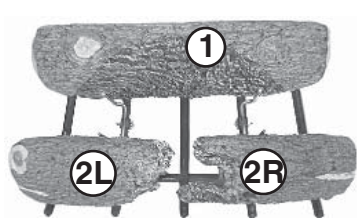


Figure 15

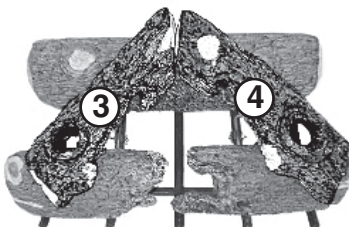


Figure 16

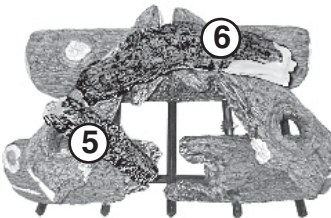


Figure 17



Figure 18

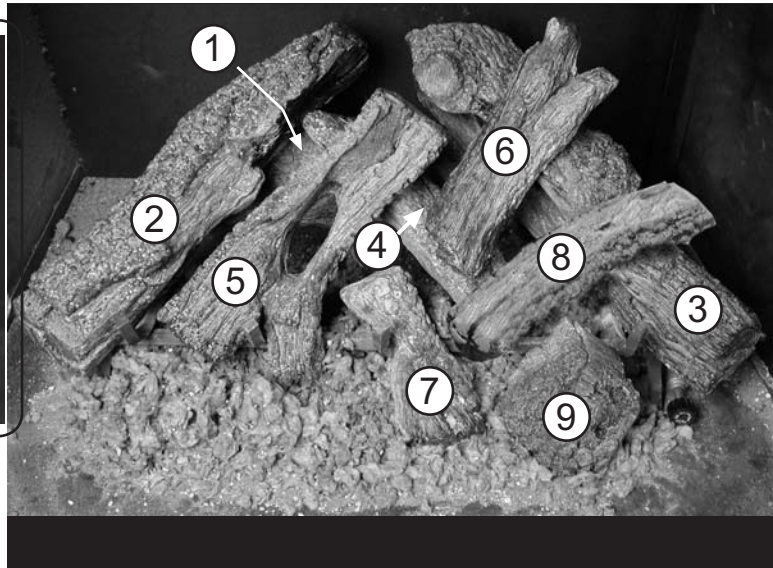
INSTALLING YOUR REAL-FYRE GAS LOG SET (Continued)

WESTERN CAMPFYRE STYLE LOGS LAYOUT SUMMARY

If you have purchased this style of log set, follow the instructions below.



Figure 19



ITEMS			
1. MWCFL-18BR	REAR LOG	6. MWCFL-10TY	TOP LOG
2. MWCFL-18L	LEFT LOG	7. MWCFL-8T1	TOP LOG
3. MWCFL-18R	RIGHT LOG	8. MWCFL-11T	TOP LOG
4. MWCFL-13T	TOP LOG	9. MWCFL-5T	TOP LOG
5. MWCFL-13TY	TOP LOG	SCREEN	200394

NOTE: LOG PLACEMENT is very important for the proper operation and performance of the Real-Fyre gas log set. Please follow these instructions carefully. Refer to the photo (Figure 19) for log numbering and the overall look of the completed layout.

- Step 1. Install the coals fyrebed provided with your G46 as shown on page 14.
- Step 2. Place the bottom rear log (#1 in the photo) on the back of the grate so that the bark faces to the front. The two flat indentations and "V" notch will be face up.
- Step 3. Place the left and right logs (#2 & #3) so they rest on the flat indentations on the rear Log #1 and on the ends of the grate front bar leg. You may need to adjust slightly to secure in position.
- Step 4. Place top log #4 resting with the pointed end fitting in the "V" notch on the rear log #1. The notch on the other end of Log #4 rests against the second **right side** outer grate finger (check photo).
- Step 5. Place top log #5 with the "Y" end resting securely on the second **left side** outer grate finger, the opposite end resting on Log #4 (check photo).
- Step 6. Place top log #6 resting in the cutout on right log #3 with its opposite resting on Log #4 (check photo).
- Step 7. Place top log #7 (the shortest log) on the fireplace bottom, resting against the front middle grate finger (check photo).
- Step 8. Place top log #8 so it rests on Log #4 and on Log #3 (check photo).
- Step 9. Place top log #9 (the round log) so it rests against the right front leg and between the two **right side** outer grate fingers (check photo).

FOR YOUR SAFETY, READ BEFORE LIGHTING

** We recommend that before you install your log set you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed (see Figures on page 16-23 for typical control positions).*

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

The Real-Fyre G46 Series gas log set has a pilot which can be lit by hand using the piezo ignitor. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON PAGE 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified, professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING INSTRUCTIONS FOR G46 MANUAL GAS LOG SETS

1. **STOP** Read the safety information on this page.
2. Turn "OFF" any electrical appliance (such as the Peterson warm air circulator) if used with the log set.
3. Push in the gas control handle slightly and turn clockwise ↻ to "OFF" (Figure 20).

NOTE: The handle cannot be turned from "PILOT" to "OFF" unless the handle is pushed in slightly. Do not force.

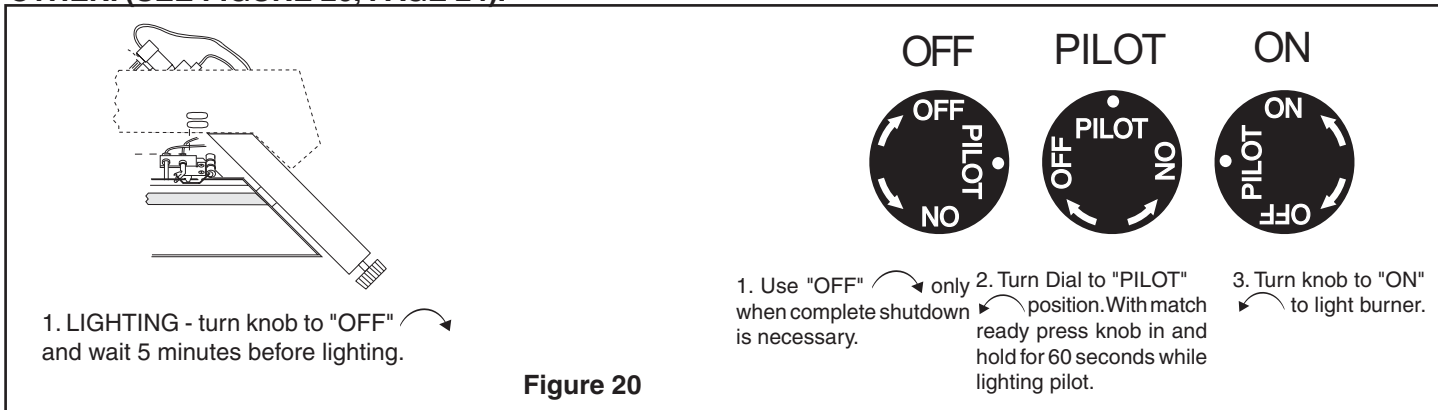
Wait five minutes to clear out any gas. If you then smell gas, STOP! Notify your gas supplier or the fire department immediately. If you don't smell gas, go on to step 4.

4. Turn the gas control handle counterclockwise ↶ to "PILOT" (Figure 20). Push the control handle all the way in and hold it. Press the igniter button one or more times to light the pilot. Continue to hold the control handle for approximately one minute after the pilot is lit. When you release the handle, it will pop out and the pilot should remain lit.
 - If the handle does not pop out when released, stop and immediately call your service technician or gas supplier.
 - If the pilot will not light, repeat steps 3 - 4 and light the pilot manually.
 - If the pilot will not stay lit after several tries, turn the gas control handle to "OFF" and call your service technician or gas supplier.

5. If an electrical appliance is used with the log set, turn on or reconnect that appliance.
6. Turn the gas control handle counterclockwise ↶ to "ON" (Figure 20) to ignite the burner.

NOTE: Periodically check the pilot flame (Figure 26, page 24) for proper flame pattern.

MAKE SURE THE THERMOCOUPLE AND PILOT ASSEMBLY ARE IN CORRECT ALIGNMENT WITH EACH OTHER. (SEE FIGURE 26, PAGE 24).



TO TURN OFF THE MANUAL GAS LOG SET

1. From the "ON" position, turn the control knob clockwise ↻ to the "PILOT" position. The log set will extinguish and the pilot will remain lit.
2. If complete shutdown is desired, from the "PILOT" position, push in the control knob slightly and turn clockwise ↻ to the "OFF" position. Do not force the knob.

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

* Nous recommandons qu'avant que vous installiez votre grosse bûche mise vous vous familiarisez avec la disposition de la valve du contrôle. Cela vous aidera pour être opérer plus confiant la grosse bûche mise quand a complètement installé (voyez des Illustrations dessous pour contriol typique placez).

PRÉVENIR: Si vous ne suivez pas ces instructions exactement, un feu ou explosion peuvent résulter, en causant dégât de la propriété, blessure personnelle ou perte de vie.

Le l'ensemble de la grosse bûche du gaz a un pilote qui doit être allumé à la main. Quand allumer le pilote, suivez ces directives exactement

AVANT d'ALLUMER, sentez autour de la grosse bûche du gaz mis la région pour le gaz. Soyez sûr de sentir à côté du sol parce qu'un peu de gaz est plus lourd qu'air et résoudra par terre. SI VOUS SENTEZ DU GAZ, SUIVEZ LES DIRECTIVES SUR PAGE 1.

N'utilisez pas la grosse bûche du gaz mise si toute partie a été sous eau. Immédiatement appelez un qualifie, les professionnel entretien-nent le technicien pour inspecter la grosse bûche du gaz mis et remplacer toute partie du système du contrôle et tout gaz contrôlent qui a été sous eau.

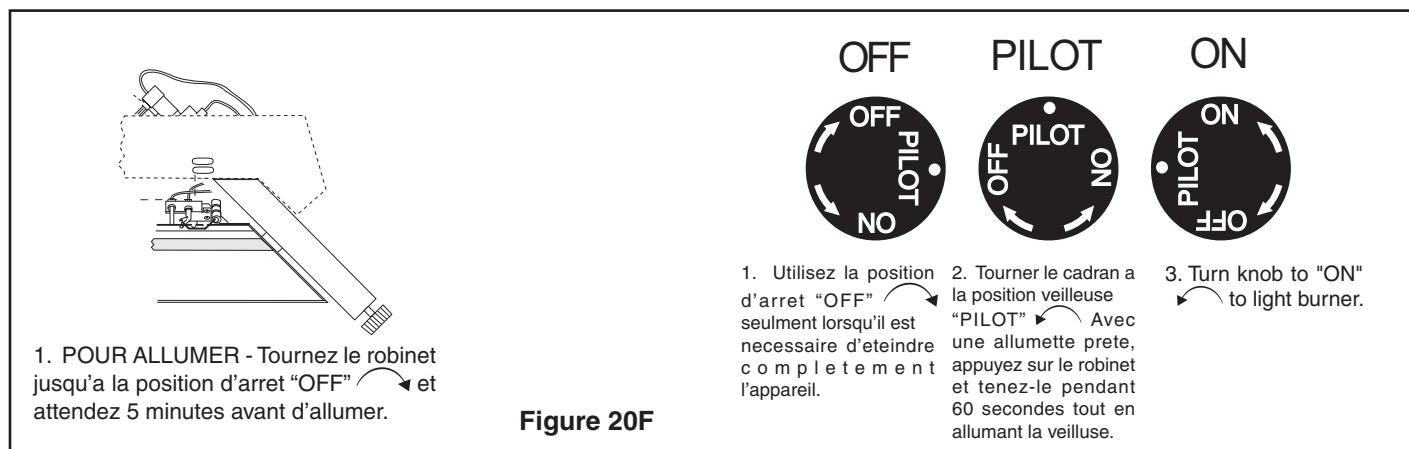
allumant directives pour G46 ensemble de la grosse bûche du gaz manuel

1. **ARRETEZ!** Lisez les renseignements de securite au-dessus.
2. Arrêtez "FERMÉ" tout appareil electrique (tel le Circulateur d'Air Chaud de Peterson) sil est utilise en conjonction avec l'ensemble de buches.
3. Appuyez legerement sur la manette de commande du gaz et tournez-le dans le sens des aiguilles d'une montre jusqu'a la position d'arret 'fermé' sans qu'on appuie legerement dessus. Priere de ne pas la forcer.

Attendez cinq minutes afin de laisser se dissiper tout residu de gaz. Si vous alors du gaz, **ARRETEZ!** Appelez immediatement fournisseur de gaz ou les pompiers. si vous ne sentez pas de gaz, procédez a l'operation 4.

4. Tournez la manette de commande du gaz dans les sens contraire des aiguilles d'une montre jusqu'a la position veilleuse "PILOT" (Illustr. 19F). Poussez la manette de commande jusqu'au fond et tenez-la. Appuyez sur le Bouton d'Allumage une ou plusieurs fois afin d'allumer la veilleuse. Continuez a tenir la manette de commande pendant a peu pres une minute apres allumage de la Veilleuse. Lorsque vous relachez la manette, celle-ci va ressortir et la veilleuse devrait rester allume. Si elle eteint, repetez l'operation 3 & 4.
 - Si la manette de commande ne ressort pas lorsque vous la relachez, arrêtez-vous et appelez immediatement votre technicien de service ou fournisseur de gaz.
 - Si la veilleuse ne rester pas allumee apres plusieurs tentatives, tournez la manette de commande du gaz a la position arret "FERMÉ" et appelez votre technicien de service ou fournisseur de gaz.
5. Si vous utilisez un appareil electique avec l'ensemble de buches, rebranchez ou mettez cet appareil en position de marche.
6. Tournez la manette de commande du gaz dans le sens contraire des aiguilles d'une montre jusqu' a la position de marche "SUR" (Illustr. 20F) afin d'allumer le bruleur.

NOTEZ: verifiez de temps en temps la flamme de la veilleuse (illustr. 26, Page 24) afin de vous assurer que celle-ci maintient une forme correcte.



POUR ETEINDRE L'ENSEMBLE DE BUCHES AU GAZ

1. A partir de "SUR" position, tournez dans le sens des aiguilles du bouton de contrôle à la position "PILOTE". L'ensemble du buches éteindra et le pilote restera allumé.
2. Si vous desirez éteindre complètement l'appareil, appuyez legerement sur la manette de commande du gaz et tournez-la dans le sens des aiguilles d'une montre jusqu' a la position d'arret "OFF". Priere de ne pas forcer la manette.

FOR YOUR SAFETY, READ BEFORE LIGHTING

** We recommend that before you install your log set you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed (see Figures on pages 16-23 for typical control positions).*

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

The Real-Fyre G46 Series gas log set has a pilot which can be lit by hand using the piezo ignitor. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON PAGE 1.

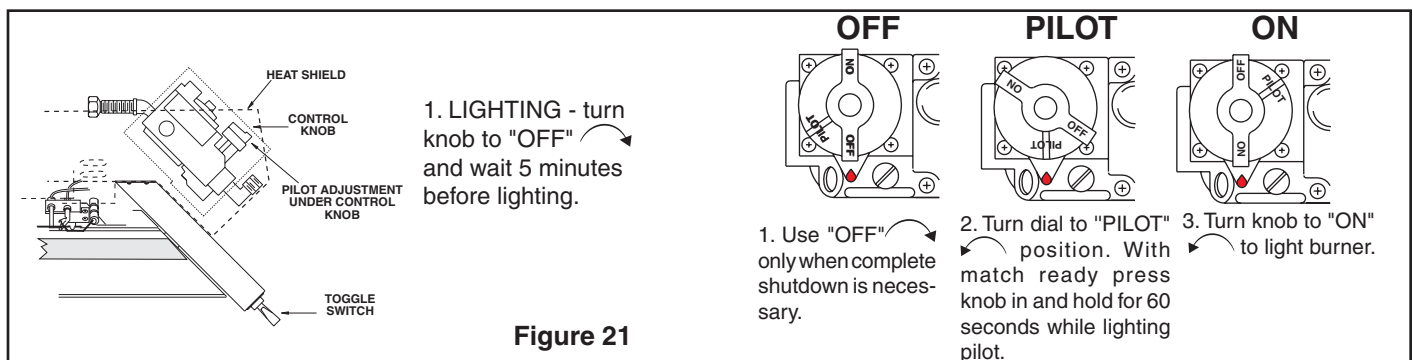
Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified, professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING INSTRUCTIONS FOR G46-11 REMOTE GAS LOG SET

1. **STOP!** Read the safety information above.
2. Turn "OFF" any electrical appliance (such as the Peterson warm air circulator or remote control system) if used with the log set.
3. Place the "switch" or "remote" in "OFF" position.
4. Push in the control knob and turn clockwise ↻ to the "OFF" position.
5. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the instructions on Page 1.
6. Find the pilot by following the metal tube from the gas control. Pilot is located at the right rear of the burner pan.
7. Turn the gas control knob counterclockwise ↶ to "PILOT" (Figure 21). Push the control knob all the way in and hold it. Press the igniter button several times to light the pilot. Continue to hold the control knob for approximately one minute after the pilot is lit. When you release the knob, it will pop out and the pilot should remain lit.
 - If the knob does not pop out when released, STOP! Immediately call your service technician or gas supplier.
 - If the pilot will not light, repeat steps 4 - 7 and light the pilot manually.
 - If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
8. Turn gas control knob counterclockwise ↶ to "ON".
9. If an electrical appliance is used with the log set, turn on or reconnect that appliance.
10. To operate, flip the "toggle switch" to "ON" or put the remote handset in the "ON" position. The burner will ignite.

NOTE: Periodically check the pilot flame for proper flame pattern (see Figure 28).

MAKE SURE THE THERMOPILE AND PILOT ASSEMBLY ARE IN CORRECT ALIGNMENT WITH EACH OTHER (SEE FIGURE 28, PAGE 24).



TO TURN OFF THE G46-11 REMOTE GAS LOG SET

1. Place the remote or switch in the "OFF" position. The pilot will remain lit.
2. If complete shutdown is desired, remove the radiant heat shield. Push in the control knob and turn clockwise ↻ to the "OFF" position. Replace the radiant heat shield.

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

* Nous recommandons qu'avant que vous installiez votre grosse bûche mise vous vous familiarisez avec la disposition de la valve du contrôle. Cela vous aidera pour être opérer plus confiant la grosse bûche mise quand a complètement installé (voyez des Illustrations dessous pour contriol typique placez).

PRÉVENIR: Si vous ne suivez pas ces instrucion exactement, un feu ou explosion peuvent résulter, en causant dé-gât de la propriété, blessure personnelle ou perte de vie.

Le l'ensemble de la grosse bûche du gaz a un pilote qui doit être allumé à la main. Quand allumer le pilote, suivez ces directives exactement

AVANT d'ALLUMER, sentez autour de la grosse bûche du gaz mis la région pour le gaz. Soyez sûr de sentir à côté du sol parce qu'un peu de gaz est plus lourd qu'air et résoudra par terre. **SI VOUS SENTEZ DU GAZ, SUIVEZ LES DIRECTIVES SUR PAGE 1.**

Utilisez seulement votre main pousser dans ou tourner le bouton de réglage du gaz. N'utilisez jamais des outils. Si le bouton ne poussera pas dans ou tourner à la main, n'essayez pas de le réparer. Appelez un technicien du service qualifié, professionnel. force ou a tenté la réparation peut résulter en feu ou explosion.

allumant directives pour G46-11 ensemble de la grosse bûche du gaz éloigné

1. **ARRETEZ!** Lisez l'information de la sécurité au-dessus.
2. Arrêtez tout appareil électrique (tel le Circulateur d'Air Chaud de Peterson) s'il est utilise en conjunction avec l'ensemble de buches.
3. Mettez le commutateur "changement du mur" ou la commande a "eloigne" dans la position "fermé".
4. Appuyez sur le robinet de commande et tournez-le dans le sens des aiguilles d'une montre jusqu'a laposition "fermé".
5. Attendez cinq (5) minutes afin de laisser se siddiper tout residu de gaz. Si vous sentez alors du gaz, **ARRETEZ!** SUIVEZ L'OPERATION "1" des consignes de secuite ci-dessus. Si vous ne sentez alors du gaz, procédez a l'operation suivante.
6. Trouvez la "veilluse". Suivez le tube metallique a partir du controle de gaz. La veilluse est situee a l'arriere droite du plateau du bruleur.
7. Tournez le robinet de commande dans le sens contraire des auguillies d'une montre jusqu'a la position "Veilleuse" (Illustration 21F) Appuyez sur le robinet de commande et allumez la veilluse. Lorsque celle-si est allumee, continuez a appuyer sur le robinet decommande pendant enviorn une (1) minute.

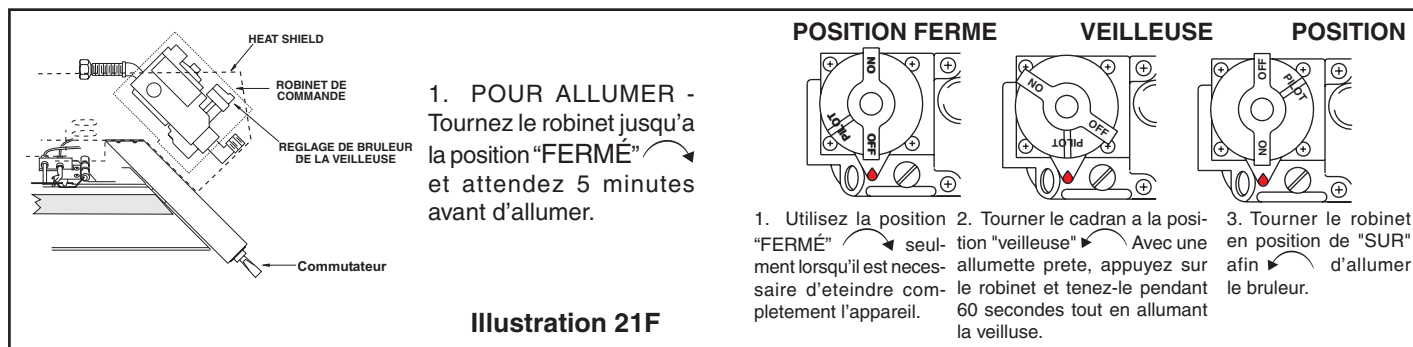
Relachez le robinet de commande et celui-ci retpirmera a sa position initiale. Le veilluse devrait rester allumee.

- Si le robinet de commande ne ressort pas quand vous le relachez, arrêtez-vous et appelez immediatement votre technicien de service ou votre fournisseur de gaz.
- Si le pilote n'allumera pas, répétition étapes 4 - 7 et allume le pilote manuellement.
- Si le pilote ne restera pas allumé après plusieurs essais, tournez le bouton de contrôle du gaz à FERMÉ. et appelle votre technicien du service ou fournisseur du gaz.

8. Tournez le robinet de commande du gaz le sens contraire des aiguillies d'une montre jusqu'a la position de "SUR".
9. Si vous utilisez un appareil électrique avec l'ensemble de buches, rebranchez ou mettez cet appareil en position de "SUR".
10. Pour operer, mettez le commutateur "CHANGEMENT DU MUR" ou la commande a distance "ELOIGNE" en position de "SUR".

Note: périodiquement vérifiez la flamme pilote pour modèle de la flamme adéquat (voyez le Chiffre 28).

Assurez-vous le thermoPILE ET assemblée du pilote sont dans ALIGNEMENT correct AVEC L'UN L'AUTRE (voyez le Chif-fre 28, Page 24)



POUR ETEINDRE L'ENSEMBLE DE BUCHES AU GAZ

1. Mettez la commande a distance "ELOIGNE" ou le commutateur "BOUTON" en position "FERMÉ". La veilluse restera allumee.
2. Si vous desirez eteindre complemet l'appareil, enlevez "BOUCHIER DE LA CHALEUR RADIANT". Appuyez sur le robinet de commande et tournez-le dans le sens des auguilles d'une montre jusqu'a la position "FERMÉ". Remplacez le bouclier de la chaleur radiant.

FOR YOUR SAFETY, READ BEFORE LIGHTING

** We recommend that before you install your log set you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed (see Figures on page 16-23 for typical control positions).*

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

The Real-Fyre G46 Series gas log set has a pilot which can be lit by hand using the piezo ignitor. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON PAGE 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified, professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING INSTRUCTIONS FOR G46-01 GAS LOG SET

THIS UNIT (G46-01) HAS A NON-STANDING PILOT.

TO LIGHT THE PILOT AND MAIN BURNER.

1. **STOP!** Read the safety information above.
2. Turn "OFF" any electrical appliance (such as the Peterson warm air circulator system) if used with the log set.
3. Place the "switch" (marked "I" = "IGNITE"; "O" = "OFF", Figure 22) in "OFF" position.
4. Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the instructions on Page 1.
5. Press the switch on top of the pine cone to the "I" position (see Figure 23). A rapid series of sparks at the pilot (cobra) head. These sparks cease when the pilot flame is lit and stable. When the pilot becomes stable the electronic valve will open and light the main burner.

CAUTION: IF THE GAS SET DOES NOT IGNITE WITHIN 20 SECONDS, STOP, WAIT 5 MINUTES THEN REPEAT "TO LIGHT THE PILOT AND MAIN BURNER".



PINE CONE SWITCH
Figure 22



**PINE CONE SWITCH
IN "ON" POSITION**

Figure 23



**PINE CONE SWITCH
IN "OFF" POSITION**

Figure 24

TO TURN OFF THE G46-01 REMOTE GAS LOG SET

1. Press the switch on top of the pine cone to the "O" position ("O" = "OFF", Figure 24). The gas flow will cease and all flames (main burner and pilot) will go out.

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

** Nous recommandons qu'avant que vous installiez votre grosse bûche mise vous vous familiarisez avec la disposition de la valve du contrôle. Cela vous aidera pour être opérer plus confiant la grosse bûche mise quand a complètement installé (voyez des Illustrations dessous pour contriol typique placez).*

PRÉVENIR: Si vous ne suivez pas ces instrucions exactement, un feu ou explosion peuvent résulter, en causant dégât de la propriété, blessure personnelle ou perte de vie.

Le l'ensemble de la grosse bûche du gaz a un pilote qui doit être allumé à la main. Quand allumer le pilote, suivez ces directives exactement

AVANT d'ALLUMER, sentez autour de la grosse bûche du gaz mis la région pour le gaz. Soyez sûr de sentir à côté du sol parce qu'un peu de gaz est plus lourd qu'air et résoudra par terre. SI VOUS SENTEZ DU GAZ, SUIVEZ LES DIRECTIVES SUR PAGE 1.

Utilisez seulement votre main pousser dans ou tourner le bouton de réglage du gaz. N'utilisez jamais des outils. Si le bouton ne poussera pas dans ou tourner à la main, n'essayez pas de le réparer. Appelez un technicien du service qualifié, professionnel. force ou a tenté la réparation peut résulter en feu ou explosion.

ALLUMANT DIRECTIVES POUR G46-01 ENSEMBLE DE BÛCHES POUR GAZ

CETTE UNITÉ (G46-01) A UN PILOTE DE LA NON-POSITION.

ALLUMER LE BRÛLEUR PILOTE ET PRINCIPAL.

1. **ARRÊTEZ!** Lisez l'information de la sécurité au-dessus.
2. Tour "FERMÉ" tout appareil électrique (tel que le Peterson système du circulator de l'air chaud) si usagé avec l'ensemble de la grosse bûche.
3. Placez le 'Changement' (a marqué "je" = allumez; "O" = "Fermé", Représentez-en 22F) dans "FERMÉ" place.
4. Attendez cinq (5) minutes éclaircir dehors tout gaz. Si vous alors gaz de l'odeur, ARRÊT! Suivez les directives sur Page 1.
5. Pressez le changement sur le cône du pin au "je" place ("je" = Allumez, voyez le Chiffre 23F). Une série rapide d'étincelles au pilote (cobra) tête. Ces étincelles cessent quand la flamme pilote est allumée et est logée dans une sécurité. Quand le pilote devient stable la valve électronique ouvrira et allumer le brûleur principal.

PRUDENCE: SI L'ENSEMBLE du GAZ N'ALLUME PAS DANS 20 SECONDES, ARRÊTEZ, ATTENDEZ ALORS 5 MINUTES RÉPÉTITION "ALLUMER LE BRÛLEUR PILOTE ET PRINCIPAL".



PINE CONE SWITCH

Figure 22F



Figure 23F



**COMMUTATEUR DU CÔNE DU
PIN DANS 'FERMÉ' POSITION
COMMUTATEUR DU CÔNE DU
PIN DANS 'SUR' POSITION
Figure 24F**

ÉTEINDRE LE G46-01 ENSEMBLE DE LA GROSSE BÛCHE DU GAZ ÉLOIGNÉ

1. Pressez le changement sur le cône du pin au "O" place ("O" = FERMÉ, Représentez-en 24F). Le courant du gaz cessera et toutes les flammes (brûleur principal et pilote) sortira.

FOR YOUR SAFETY, READ BEFORE LIGHTING

* We recommend that before you install your log set you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed (see Figures on page 16-23 for typical control positions).

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

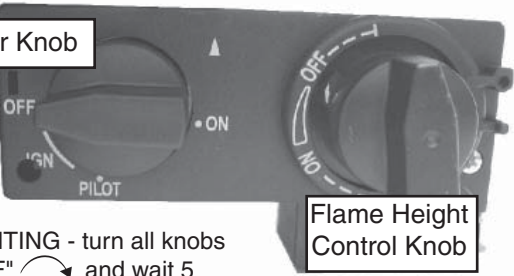
The Real-Fyre G46 Series gas log set has a pilot which can be lit by hand using the piezo ignitor. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON PAGE 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified, professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING INSTRUCTIONS FOR G46-15 GAS LOG SET

- STOP** Read the safety information above.
- Turn "OFF" any electrical appliance (such as the Peterson warm air circulator or any remote control system) if used with the log set.
- Push in ignitor control knob, turn clockwise ↻ to "OFF" position (Figure 25). Turn variable flame height control clockwise ↻ to "OFF" position.
- Wait five (5) minutes to clear out any gas. If you then smell gas, STOP! Follow the safety information above. If you don't smell gas, go to the next step.
- Locate the pilot. Follow the metal tube from the gas control. Pilot is located at the right rear of burner pan.
- To light pilot, turn ignitor knob from "OFF" position clockwise towards "IGN" until reaching stop. Press ignitor knob in and hold for 5 seconds (only pilot gas will flow).
- Continue holding knob in, turn the ignitor control knob to "PILOT" to activate the piezo ignitor (you should hear a click, pilot should light). Continue to hold ignitor knob in for 30 seconds after pilot is lit. Release ignitor knob and it will pop back up. The pilot should remain lit. If it goes out, repeat steps 5 through 8.
 - If the knob does not pop up when released, stop and immediately call your service technician or gas supplier.
 - If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
- Turn ignitor knob counterclockwise ↶ to "ON".
- With the pilot lit, turn the flame height control towards "ON" (counterclockwise ↶) to desired flame height and heat output. NOTE: When the unit has been burning for some time, use your remote control to adjust the flame height and to turn the unit off.
- If an electrical appliance is used with the log set, turn on or reconnect that appliance.



1. LIGHTING - turn all knobs to "OFF" ↻ and wait 5 minutes before lighting.

Figure 25

OFF



1. Use "OFF" ↻ when complete shut-down is desired.

PILOT



2. Turn dial ↶ to "IGN", push in and turn to "PILOT" position. Press knob in and hold for 60 seconds while lighting pilot.

ON



3. Turn knob ↶ to "ON". To light burner turn variable flame height knob towards "ON"



4. When log set is hot, press "DOWN" on handset to turn off main burner. Pilot will remain lit.



NOTE: Press "UP" or "DOWN" on handset to adjust flame height as desired.

TO TURN OFF THE GAS LOG SET

- Using remote handset, turn main burner off by pressing "DOWN" button. Pilot will remain lit.
- If complete shutdown is desired, WHEN THE LOG SET IS COOL, push in the ignitor knob and turn clockwise ↻ to the "OFF" position. Replace the radiant heat shield.

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

* Nous recommandons qu'avant que vous installiez votre grosse bûche mise vous vous familiarisez avec la disposition de la valve du contrôle. Cela vous aidera pour être opérer plus confiant la grosse bûche mise quand a complètement installé (voyez des Illustrations dessous pour contriol typique placez).

PRÉVENIR: Si vous ne suivez pas ces instrucion exactemnt, un feu ou explosion peuvent résulter, en causant dé-gât de la propriété, blessure personnelle ou perte de vie.

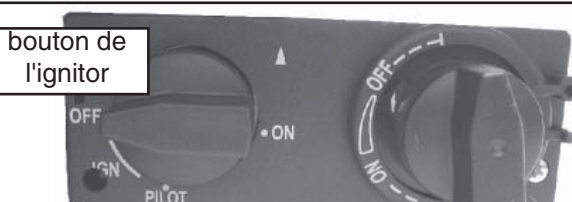
Le l'ensemble de la grosse bûche du gaz a un pilote qui doit être allumé à la main. Quand allumer le pilote, suivez ces directives exacte-ment

AVANT d'ALLUMER, sentez autour de la grosse bûche du gaz mis la région pour le gaz. Soyez sûr de sentir à côté du sol parce qu'un peu de gaz est plus lourd qu'air et résoudra par terre. SI VOUS SENTEZ DU GAZ, SUIVEZ LES DIRECTIVES SUR PAGE 1.

Utilisez seulement votre main pousser dans ou tourner le bouton de réglage du gaz. N'utilisez jamais des outils. Si le bouton ne poussera pas dans ou tourner à la main, n'essayez pas de le réparer. Appelez un technicien du service qualifié, professionnel. force ou a tenté la réparation peut résulter en feu ou explosion.

ALLUMANT DIRECTIVES POUR G46-15 ENSEMBLE DE BÛCHES POUR GAZ

1. L'ARRÊT a Lu l'information de la sécurité au-dessus.
2. Tour "FERMÉ" tout appareil électrique (tel que le Peterson circulator de l'air chaud ou tout système de la télécom-mande) si usagé avec l'ensemble de la grosse bûche.
3. Poussez dans bouton de réglage de l'ignitor, tournez à comme les aiguilles d'une montre "FERMÉ" place (Chiffre 25F). Tour contrôle de la hauteur de la flamme variable comme les aiguilles d'une montre à "FERMÉ" place.
4. Attendez cinq (5) minutes éclaircir dehors tout gaz. Si vous alors gaz de l'odeur, ARRÊT! SUIVEZ-EN" Suivez les directives sur Page 1. l'information de la sécurité. Si vous ne sentez pas de gaz, allez au prochain pas.
5. Localisez le pilote. Suivez le tube du métal du contrôle du gaz. Le pilote est localisé au bon arrière de casserole du brûleur.
6. Allumer le pilote, bouton de l'ignitor du tour, de "FERMÉ" place, comme les aiguilles d'une montre vers 'IGN' jusqu'à atteindre l'arrêt. Pressez le bouton de l'ignitor dans et tenez pour 5 secondes (seulement gaz pilote coulera).
7. Continuez à retenir le bouton, tournez le bouton de réglage de l'ignitor à "PILOTE" activer l'ignitor du piezo (vous devriez entendre un déclic, le pilote devrait allumer). Continuez à retenir le bouton de l'ignitor pour 30 secondes après que le pilote soit allumé. Publiez le bouton de l'ignitor et il crèvera au-dessus en arrière. Le pilote devrait rester allumé. S'il sort, répétition pas 5 à travers 8.
- Si le bouton ne crève pas au-dessus quand a publié, arrêt et immédiatement appelle votre technicien du service ou-fournisseur du gaz.
- Si le pilote ne restera pas allumé après plusieurs essais, tournez le bouton de réglage du gaz à "FERMÉ" et appelle votre technicien du service ou fournisseur du gaz.
8. Tournez dans le sens inverse des aiguilles d'une montre le bouton de l'ignitor à "SUR".
9. Avec le pilote allumé, tournez le contrôle de la hauteur de la flamme vers "SUR" (dans le sens inverse des aiguilles d'une montre) à hauteur de la flamme désirée et production de la chaleur. NOTE: Quand l'unité a brûlé pour quelque temps, utilisez votre télécommande ajuster l'heght du falme et éteindre l'unité.
10. Si un appareil électrique est utilisé avec la grosse bûche mise, allume ou rebranche cet appareil.



1. LIGHTING - turn all knobs to "FERME" and wait 5 minutes before lighting.

Figure 25F

OFF



1. Utilisez "FER-MÉ" quand la fermeture complète est désirée.

PILOT



2. Cadran du tour à "IGN", poussez dans et tournez à "PILOTE" place. Pressez le bouton dans et tenez pour 60 secondes en allumant le pilote

ON



3. Tournez le bouton à "SUR". Allumer la Flamme de la Variable du tour du brûleur Bou-ton Height vers "SUR".



4. Quand l'ensemble de la grosse bûche est chaud, pressez "EN BAS" bouton sur combiné éloigné pour éteindre le brûleur principal. Le pilote restera allumé.



NOTE: Pressez "EN HAUT" ou "EN BAS" sur combiné ajuster la hauteur de la flamme comme désiré.

ÉTEINDRE L'ENSEMBLE DE LA GROSSE BÛCHE DU GAZ

1. Utilisant combiné éloigné, tour contrôle de la flamme variable à "FERMÉ." Le pilote restera allumé.
2. Si la fermeture complète est désirée, poussez comme les aiguilles d'une montre dans le bouton de l'ignitor et tour au "FERMÉ" place. Remplacez le bouclier de la chaleur" radiant."

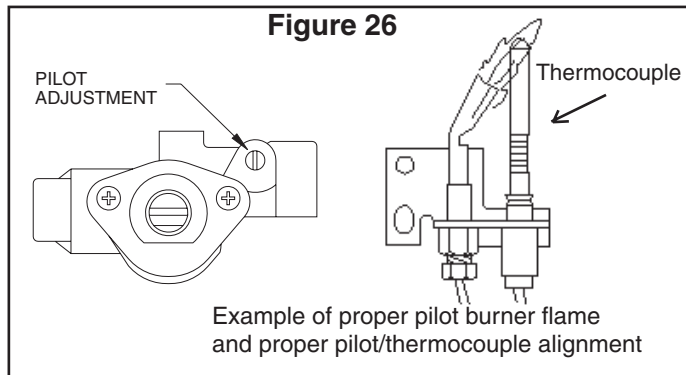
PILOT BURNER ADJUSTMENT (G46 MANUAL)

The pilot burner is preset at the factory and normally should not require adjustment. However, if adjustment

is necessary, the following steps should be taken: With the pilot burner lit and the control knob in the pilot position, use a long narrow screwdriver to turn the pilot adjustment screw (located on front of valve). Turn the adjustment screw slowly clockwise to reduce the flame, or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet soft blue flame with yellow tipping which encircles the thermocouple tip.

Turn the control knob to the "ON" position to assure proper ignition of the log set.

Figure 26



PILOT BURNER ADJUSTMENT (G46-11 REMOTE)

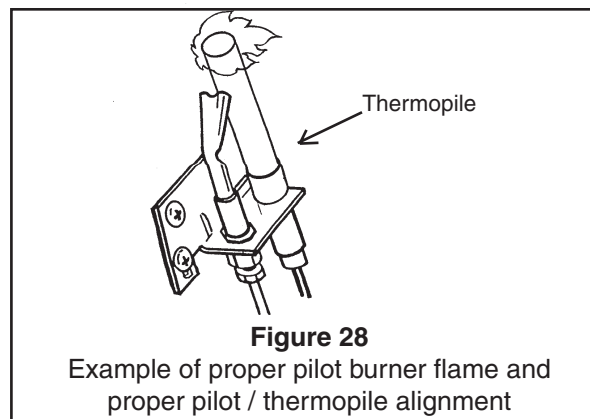
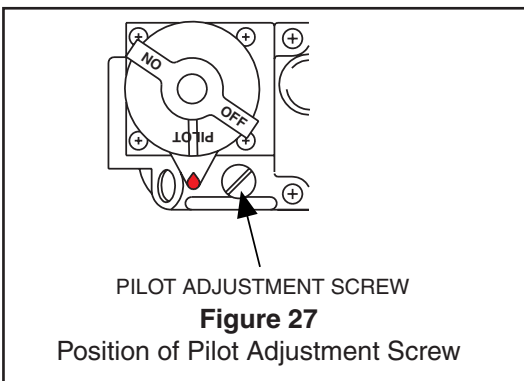
PILOT BURNER ADJUSTMENT

The pilot burner is preset at the factory and should normally not require any adjustment. However, should adjustment be necessary, the following steps should be taken:

1. Pull the burner forward so that you can access the pilot burner adjustment screw.
2. Light the pilot burner (see pages 16-23 for "Lighting Instructions").
3. With the control knob in the "PILOT" position, carefully remove the cap screw and gasket covering the safety pilot adjustment screw on the control valve.

4. Using a long narrow screwdriver, turn the pilot adjustment screw (Figure 27) slowly clockwise to reduce the flame or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet soft blue flame with yellow tipping which encircles the tip of the thermopile (Figure 28).

5. Reassemble the cap screw and gasket to the valve body, insuring that the cap screw and gasket are firmly seated on the valve body. Turn the control knob to the "ON" position to assure proper ignition of the log set.



California Proposition 65 Warning

As a result of Proposition 65, the State of California lists substances known to cause cancer or reproductive harm. We want you to be aware of the following so you can minimize possible exposure to substances on the State's list related to natural gas. Natural gas combustion produces substances on the State's list such as soot. To minimize exposure, operate gas equipment according to the manufactures' instructions. Products of gas combustion can be removed through appliance vents, including chimneys. When your log set is operating, the damper must be fully open.

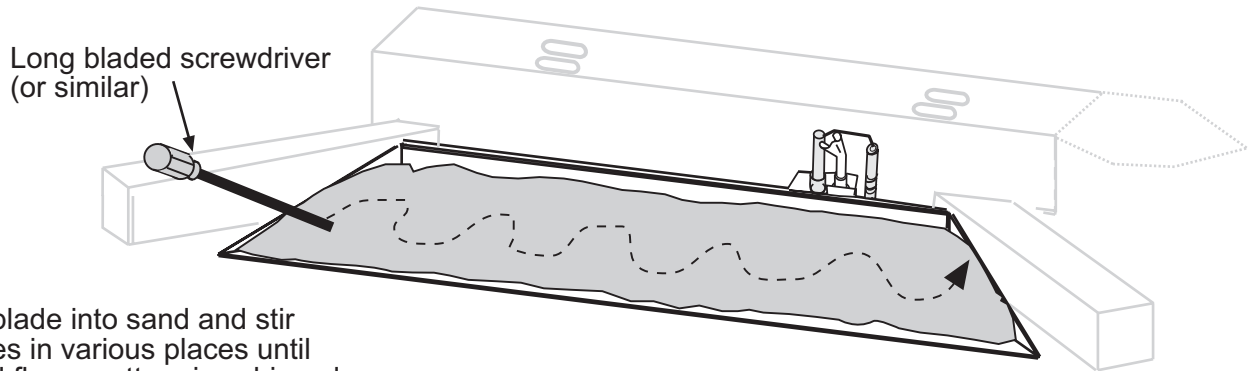
California Advertencia de la Proposición 65

Como resultado la Proposición 65, el Estado de California ha publicado una lista de sustancias que se sabe producen cáncer o defectos en la reproducción. Deseamos advertirle de lo siguiente, de modo que Ud. pueda minimizar la posible exposición a las sustancias relacionadas con los servicios de gas natural e incluidas en la lista del estado.

Combustión de gas natural produce algunas de las sustancias que figuran en la lista del estado, tales como el hollín. Para minimizar la exposición debe hacer funcionar sus equipos de gas de acuerdo con las instrucciones del fabricante. Los productos de combustión de gas pueden removerse a través de respiraderos, incluyendo chimeneas. Cuando su equipo de leña esté encendido, el regulador de tiro de la chimenea debe estar completamente abierto.

FLAME PATTERN ADJUSTMENT (ALL MODELS)

To adjust the flame pattern, take a long blade screwdriver or similar tool and stir the granules until the desired pattern is achieved. **DO NOT REMOVE GRANULES FROM THE BURNER PAN.**



Insert blade into sand and stir granules in various places until desired flame pattern is achieved.

MAINTENANCE: Periodically remove the logs and examine the burner assembly. If dirty, clean with a stiff brush. Also examine the area around the pilot. Any dirt or lint in this area should be removed. This will ensure long life and trouble-free operation. An annual inspection and cleaning of the vent system (chimney and damper) by a qualified agency is recommended. For safe operation and proper performance, use only Peterson Real-Fyre parts and accessories.

WARRANTY

PETERSON VENTED GAS LOG SETS LIMITED WARRANTY

All Peterson Gas Logs are **WARRANTED for as long as you own them (Lifetime)**.

All Peterson Burner Assemblies are **WARRANTED for TEN (10) YEARS**.

SPK-26 controls are covered by a **THREE (3) YEAR "All Parts" Warranty**.

All other Peterson Valves, Pilots and Controls are covered by a **ONE (1) YEAR Limited Warranty (excluding batteries)**.

This warranty applies only to the original purchaser, from the date of purchase, and to Peterson products purchased for residential purposes.

This warranty does not cover parts becoming defective by misuse, accidental damage, electrical damage, improper handling and/or installation or service (log sets must be installed as outlined in the enclosed instructions by a qualified, professional installer and with only Peterson parts, control valves, remotes and accessories). It does not cover labor or labor-related charges. It specifically excludes liability for indirect, incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specified legal rights and you may have other rights which may vary from state to state.

For additional information regarding this warranty, or information on how to place a warranty claim, contact your Peterson dealer or the Robert H. Peterson Company.

FOR USE IN THE COMMONWEALTH OF MASSACHUSETTS

**INSTALLATION OF THIS APPLIANCE MUST BE PERFORMED BY A
MASSACHUSETTS LICENSED PLUMBER OR GAS FITTER ONLY.**

**CONNECTOR KITS USED FOR INSTALLATION AND OPERATION OF THIS
APPLIANCE MUST NOT BE MORE THAN 36" IN LENGTH.**

**FIREPLACE DAMPER MUST BE REMOVED, OR PERMANENTLY
FIXED/WELDED IN FULL OPEN POSITION PRIOR TO
INSTALLING THIS PRODUCT.**

ROBERT H. PETERSON CO.

Quality Check

Date: _____

Orifice # (Main): _____

Orifice # (Other): _____

Leak Test: _____

Burn Test: _____

Gas Type: NAT. / PROPANE

Model #: _____

Serial #: _____

Air Shutter: _____

Inspector: _____