

## PROCOM HEATING Conversion and Pilot Kit for Vented Gas Logs Installation Guide

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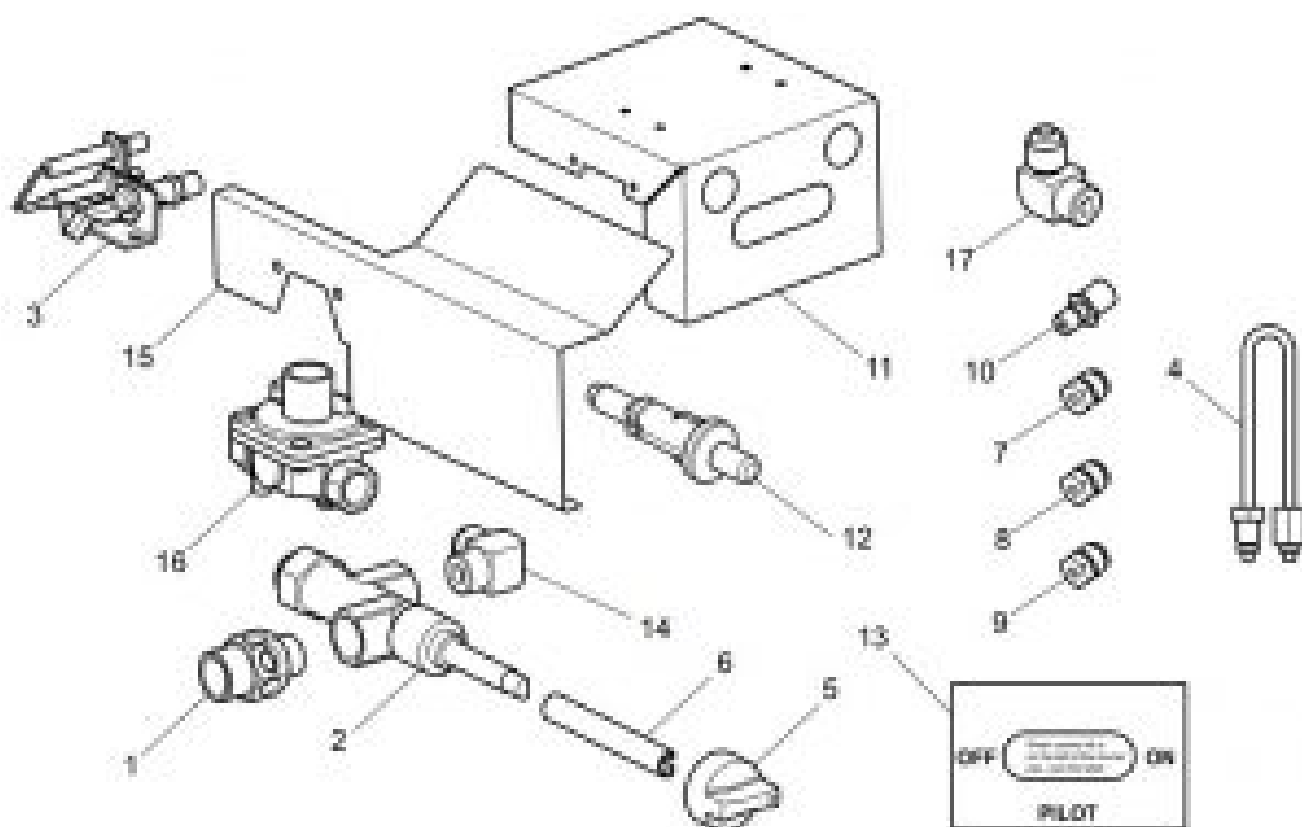
PROCOM HEATING Conversion and Pilot Kit for Vented Gas Logs Installation Guide



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## PACKAGE CONTENTS



Item	Part Number	Description	Qty
1	WAL06-02	Propane/LP Burner Air Mixer	1
2	NV2050	Gas Control Valve	1
3	NDW-N600X4	Safety Pilot	1
4	WAB09	Pilot Gas Pipe Assembly	1
5	WAL52-01	Control Knob	1
6	WAL57-01	Control Rod Extension	1
7	WAL07-04L	18" Propane/LP Orifice	1
8	WAL07-05L	24" Propane/LP Orifice	1
9	WAL07-06L	30" Propane/LP Orifice	1
10	NDW0811-LP	Propane/LP Pilot Injector	1
11	WAL43-02	Valve Cover	1
12	ML083-02	Piezo Ignitor	1
13	WAL17-02	Control Instructions Label	1
14	WAL08-03A	Elbow Fitting, 3/8" x 3/8" NPT	1
15	WAL43-03	Baffle Panel	1
16	RN0604B	Regulator	1
17	WAL08-03	Gas Inlet Fitting, 3/8" NPT x Flare	1

If any of these pieces are missing or damaged, contact the dealer where you purchased this kit or ProCom Heating, Inc. at 1-866-573-0674 for referral information.

## SAFETY

- **IMPORTANT:** Read all instructions and warnings carefully before starting installation. Failure to follow these instructions may result in a possible electric shock, fire hazard and will void the warranty.
- **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.
- **WARNING:** Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency, or the gas supplier.
- **WARNING:** This appliance requires a 1/2" NPT (National Pipe Thread) inlet connection to the pressure regulator.
- **WARNING:** A qualified service person must connect log set to gas supply. Follow all local codes.
- **WARNING:** Never connect natural gas appliance to private (non-utility) gas wells. This gas is commonly known as wellhead gas.
- **WARNING:** Use pipe joint sealant that is resistant to liquid petroleum (LP) gas.
- **WARNING:** Test all gas piping and connections for leaks after installing or servicing. Correct all leaks at once.

- **WARNING:** Never use an open flame to check for a leak. Apply a noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.
- **WARNING:** You must use a ON/OFF safety valve/pilot kit for propane/LP conversion.
- **CAUTION:** Never connect propane/LP appliance directly to the propane/LP supply. This appliance requires an external regulator (not supplied). Install the external regulator between the appliance and propane/LP supply.
- **CAUTION:** Use only new, black iron or steel pipe. Internally-tinned copper tubing may be used in certain areas. Check your local codes. Use pipe of 1/2" diameter or greater to allow proper gas volume to log set. If pipe is too small, undue loss of volume will occur.
- **CAUTION:** For additional convenience and safety, this ON/ OFF Valve/Safety Pilot Kit can be used with natural gas as well. If you are unsure of the proper application, call our customer service at 866-573-0674 for further information.
- **CAUTION:** If the fireplace does not have a gas supply shutoff valve, one must be installed.
- **WARNING:** This product contains and/or generates chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

## PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list. If any part is missing or damaged, do not attempt to assemble the product. Contact customer service for replacement parts.

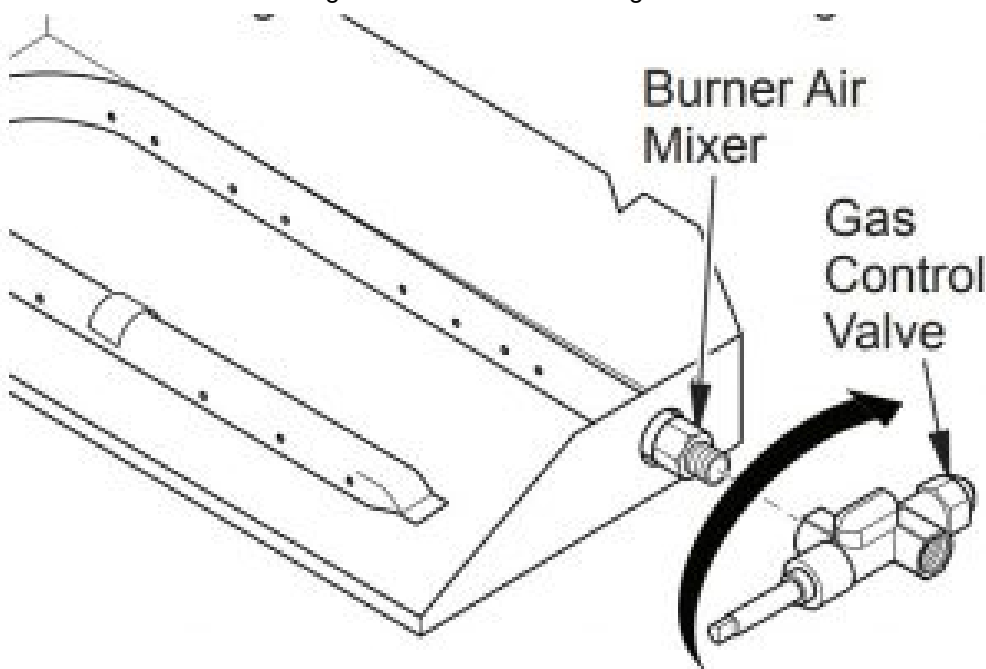
**Estimated Assembly Time:** 60 minutes

**Tools Required for Assembly (not included):** Phillips Screwdriver, Pipe Sealant, Adjustable Wrench Sediment Trap and Manual Shutoff Valve.

**Helpful Tools (not included):** 10 mm Socket or Nut Driver.

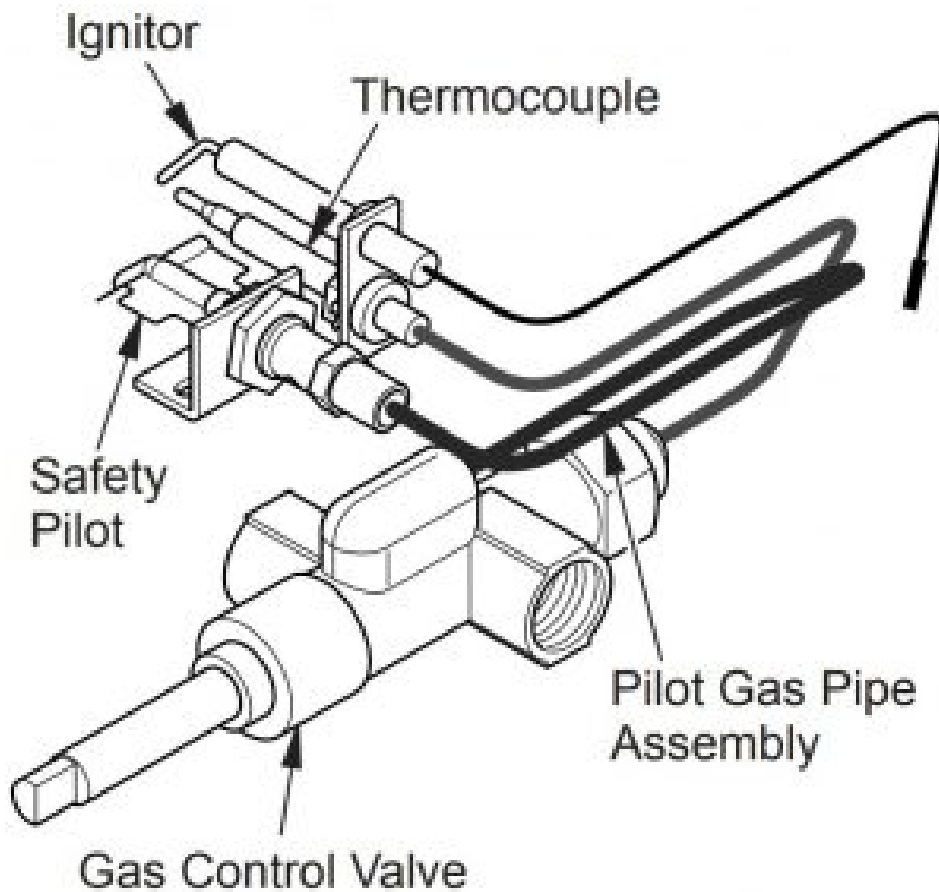
## NATURAL GAS INSTALLATION

1. Thread the gas control valve onto the burner air mixer. Use pipe sealant on the male threads of the burner air mixer. Hold the burner air mixer with a wrench to prevent overtightening the connection to the burner. Make sure the control rod is facing the front as shown in Figure 1.



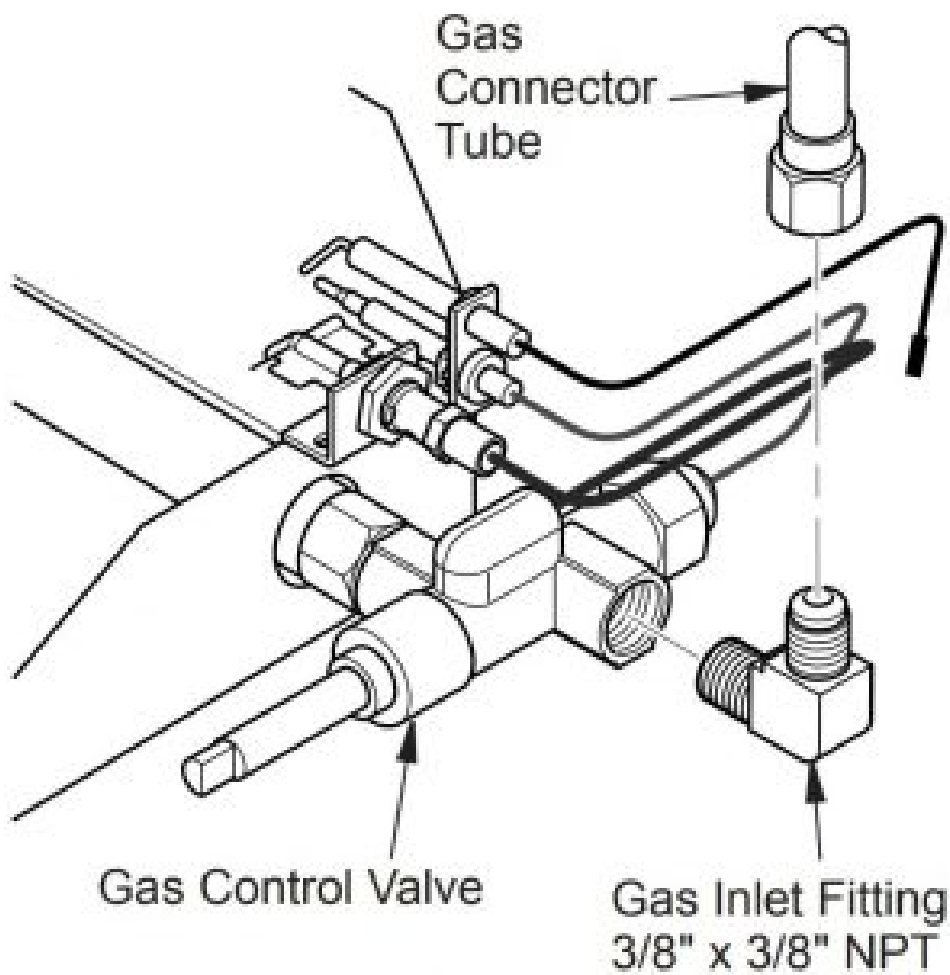
**Figure 1**

2. Attach the pilot gas pipe assembly to the safety pilot outlet of the gas control valve and tighten.
3. Connect the thermocouple to the rear of the gas control valve.



**Figure 2**

4. Install the gas inlet fitting into the inlet opening of the gas control valve. Use pipe sealant on the male pipe threads.
5. Carefully shape the gas supply tube and attach to gas inlet fitting as shown in Figure 3. Be careful not to cause kinks in tube.



**Figure 3**

6. Install valve cover to burner pan using self tapping screws as shown in Figure 4A. FOR GLASS BURNER MODELS ONLY Install baffle panel and valve cover to burner pan using self tapping screws as shown in Figure 4B.
7. Install safety pilot and piezo ignitor onto baffle panel using self tapping screws as shown in Figure 4A and 4B.

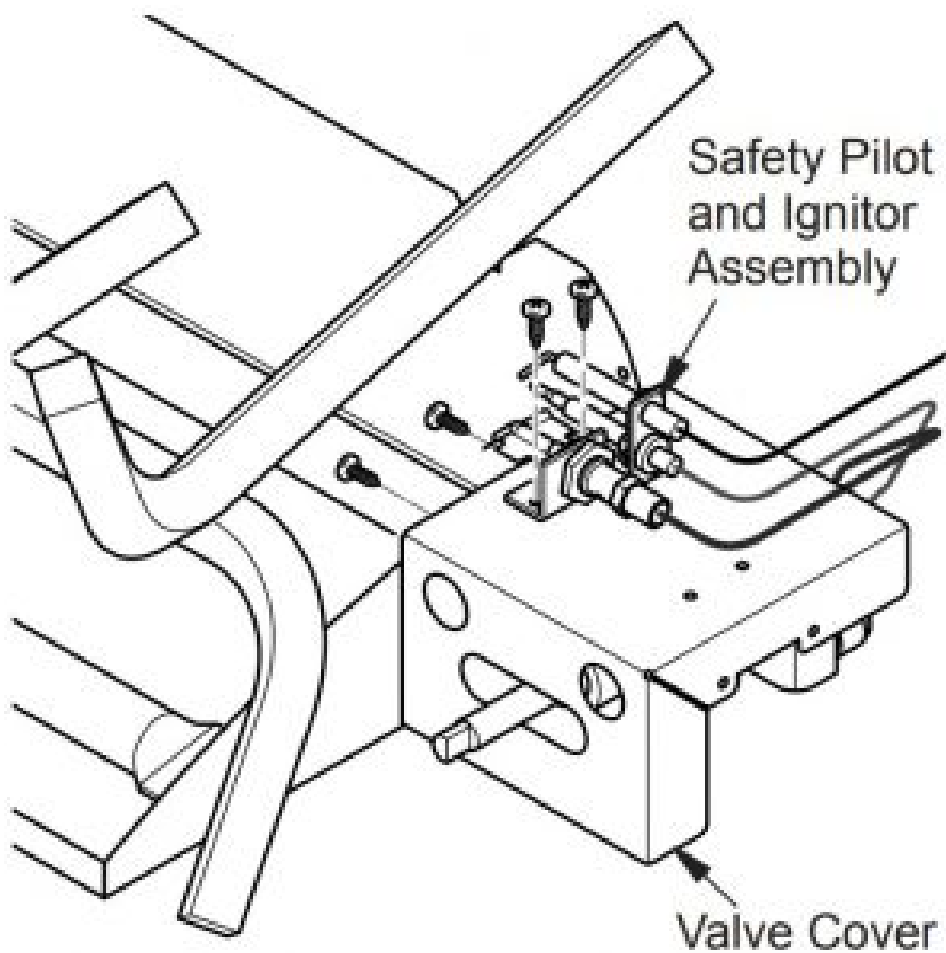


Figure 4A

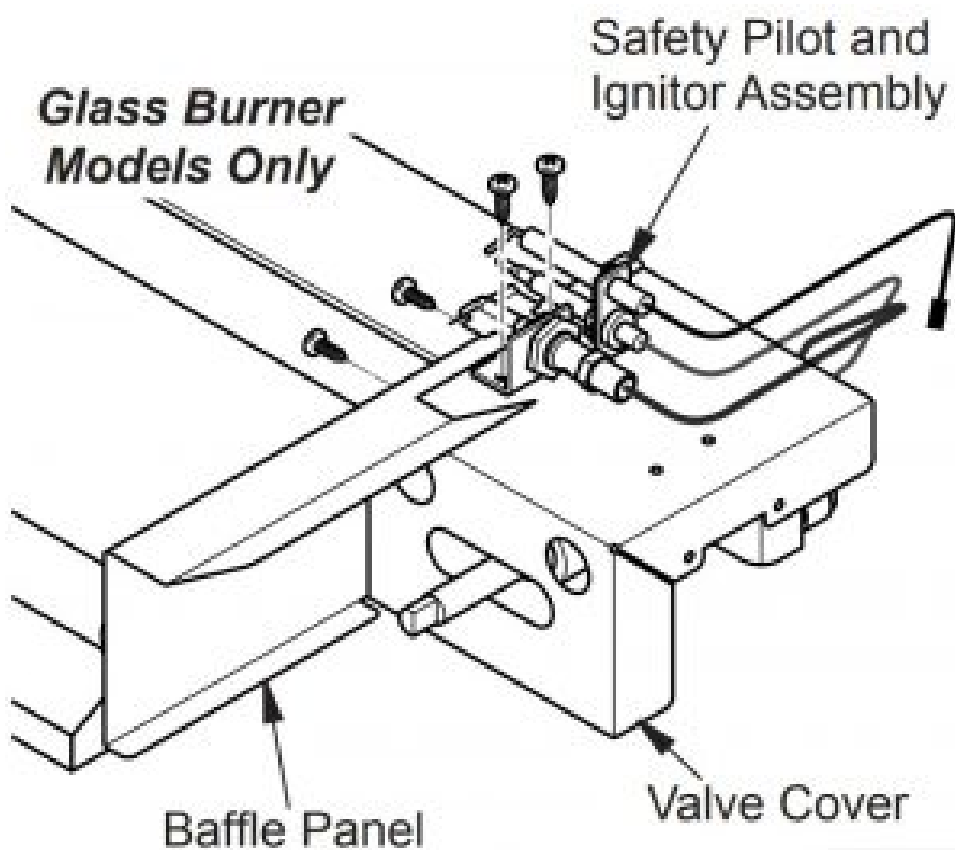
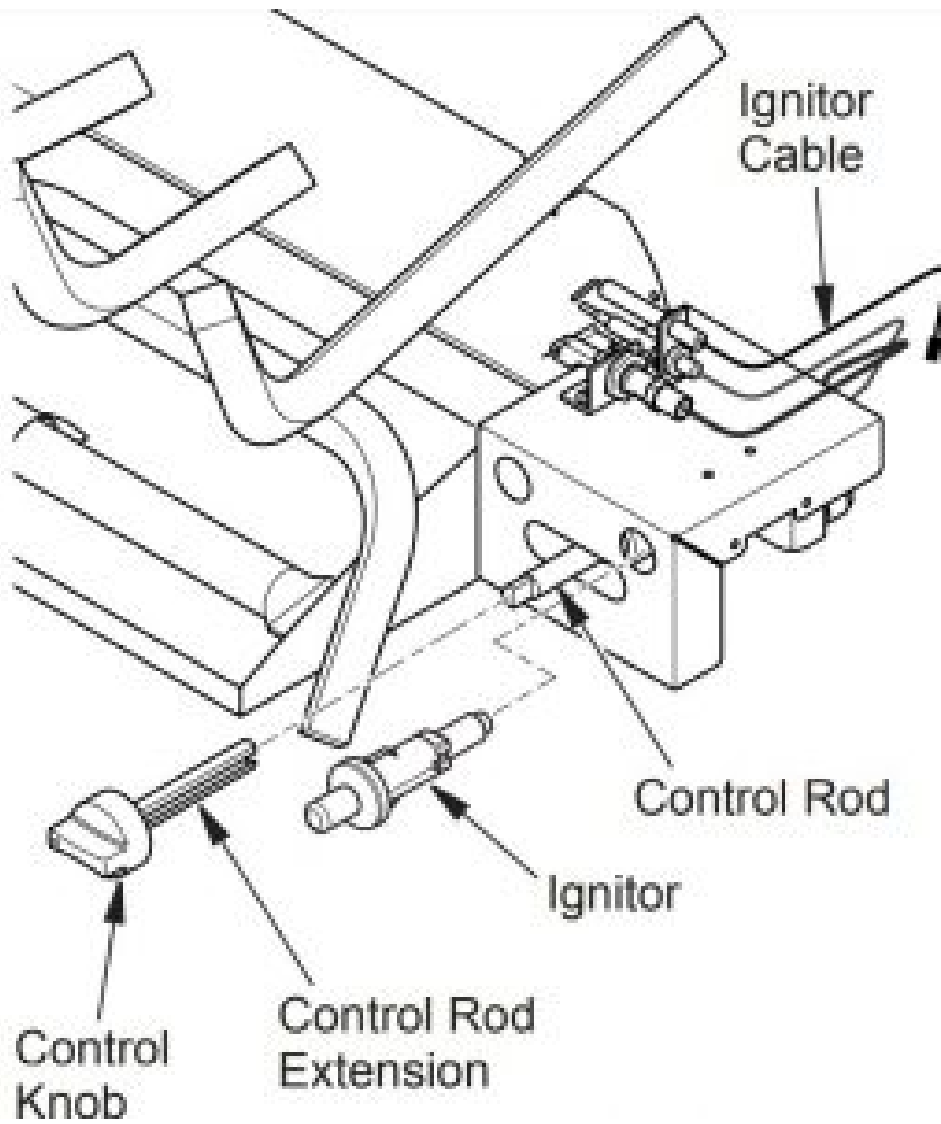


Figure 4B

8. Install the control knob to the control rod extension. Push the control rod extension onto the "D" shaped control rod through the center hole in the cover as shown in Figure 5.
9. Install the piezo ignitor through hole in the valve cover. Attach ignitor cable to ignitor.



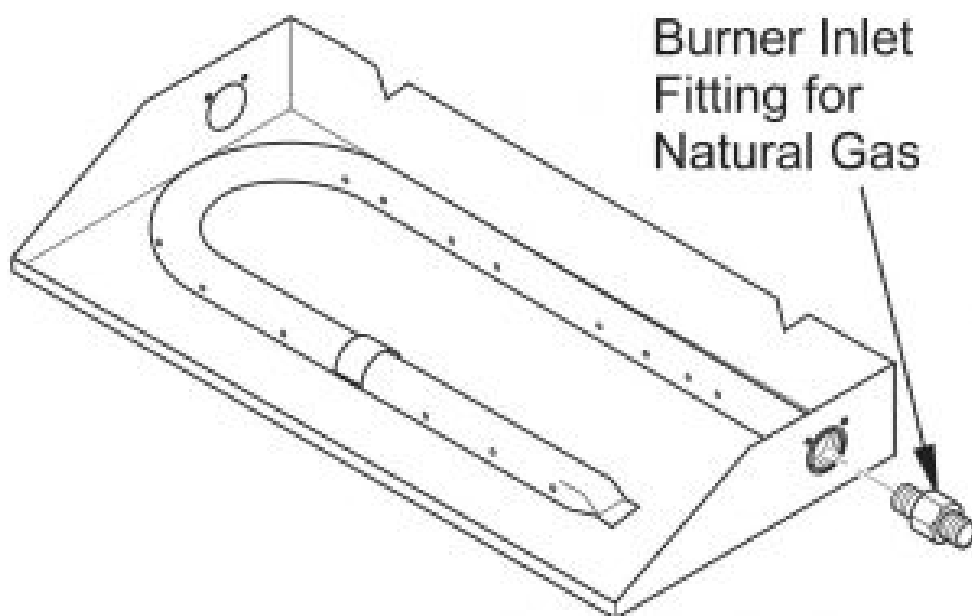
**Figure 5**

**Warning :** Place the burner pan assembly in the center of the fireplace floor. Make sure the front of pan faces forward.

## **PROPANE/LP GAS INSTALLATION**

1. Remove the natural gas burner inlet fitting from the burner pan assembly as shown in Figure 6. DO NOT remove the orifice from this fitting.

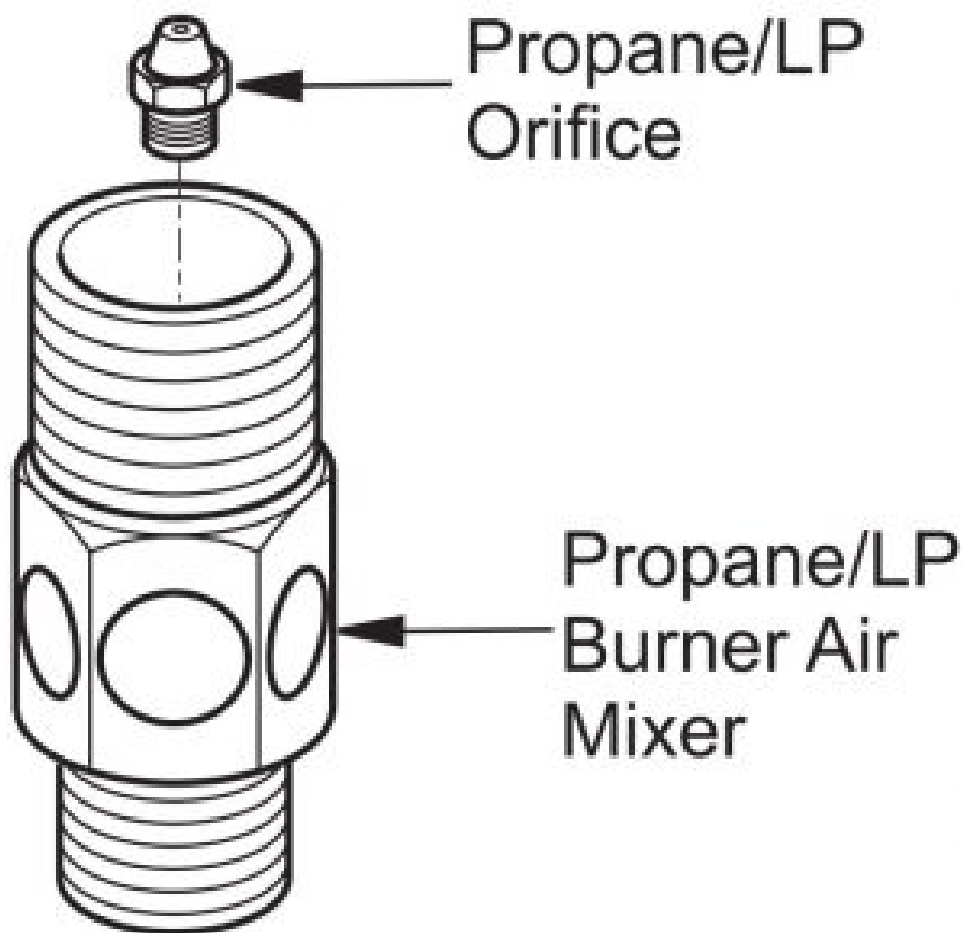




Burner Inlet  
Fitting for  
Natural Gas

**IMPORTANT:** If you have a 24" log set, then the 24" propane/LP orifice, shown in the table below, is already installed in the propane/LP burner air mixer. Proceed to step 3.

2. The propane/LP burner air mixer included in this kit has 6 holes and must be used to replace the natural gas inlet fitting. Be sure to use the correct propane/LP orifice for your appliance. This kit contains additional orifices as shown in the table below.



Propane/LP  
Orifice

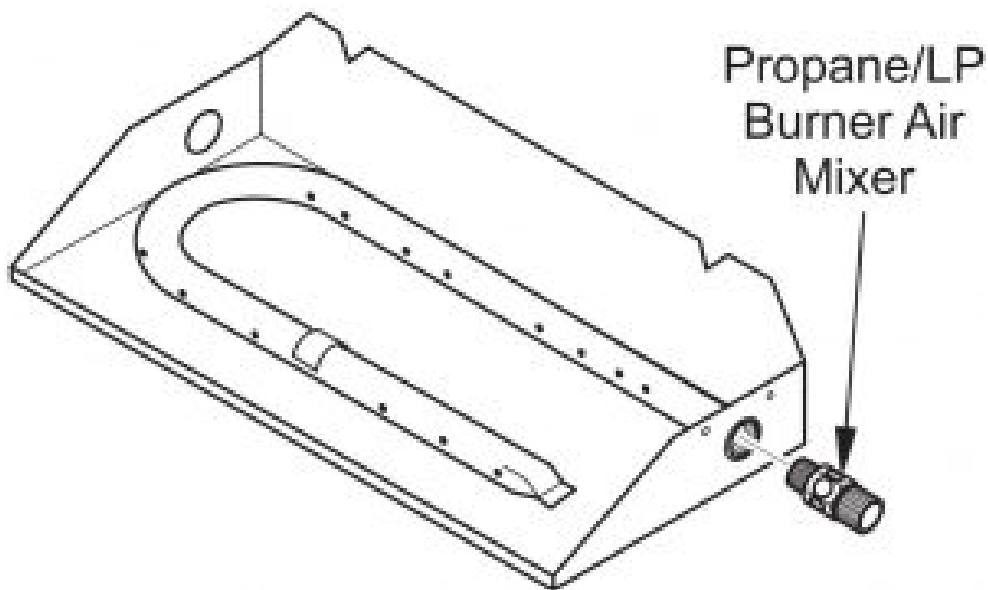
Propane/LP  
Burner Air  
Mixer

**IMPORTANT:** The number stamped on orifices correspond to each respective size log set as indicated by model numbers as shown in table below.

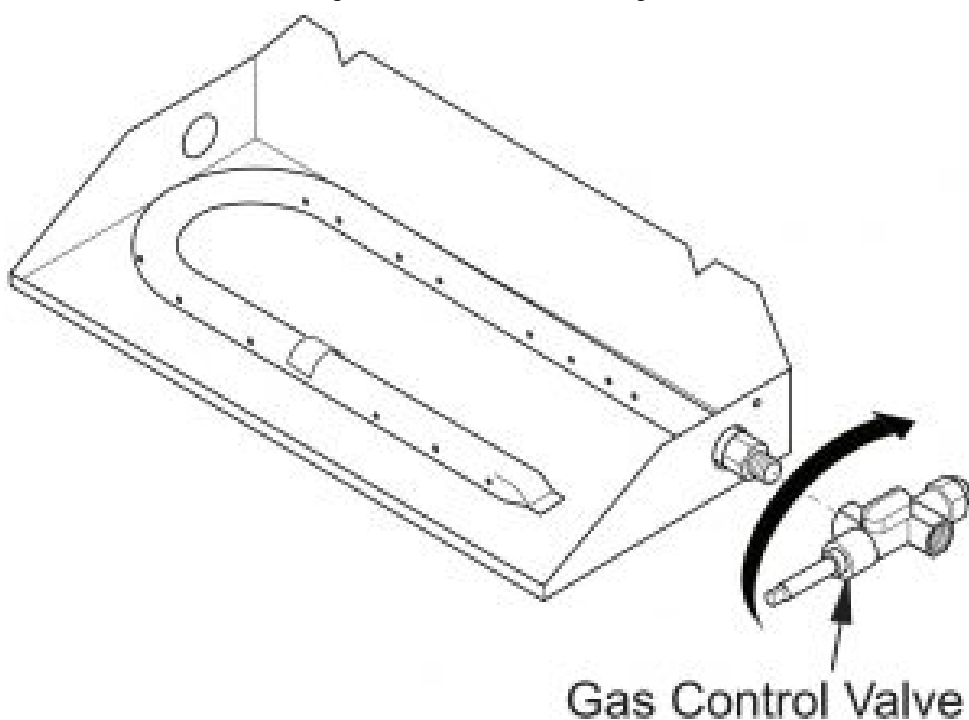
Model #	Orifice #
18" Vented Logs	205
24" Vented Logs	225
30" Vented Logs	242

**IMPORTANT:** For an 18" or 30" log set, use a 10 mm socket or nut driver to remove the orifice from the propane/LP burner air mixer

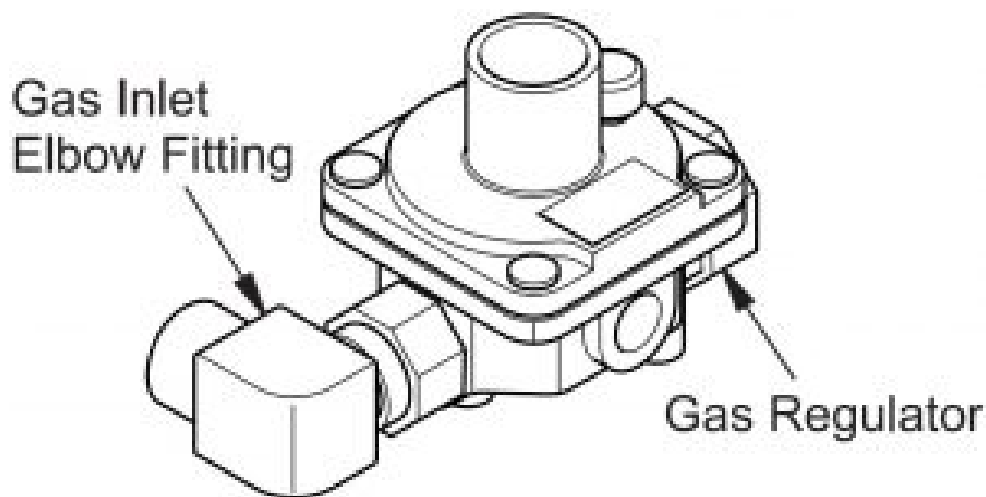
- Using pipe sealant on the thread of the larger end of fitting, screw the propane/ LP burner air mixer through hole and into burner manifold as shown in Figure 8. Tighten using a wrench.



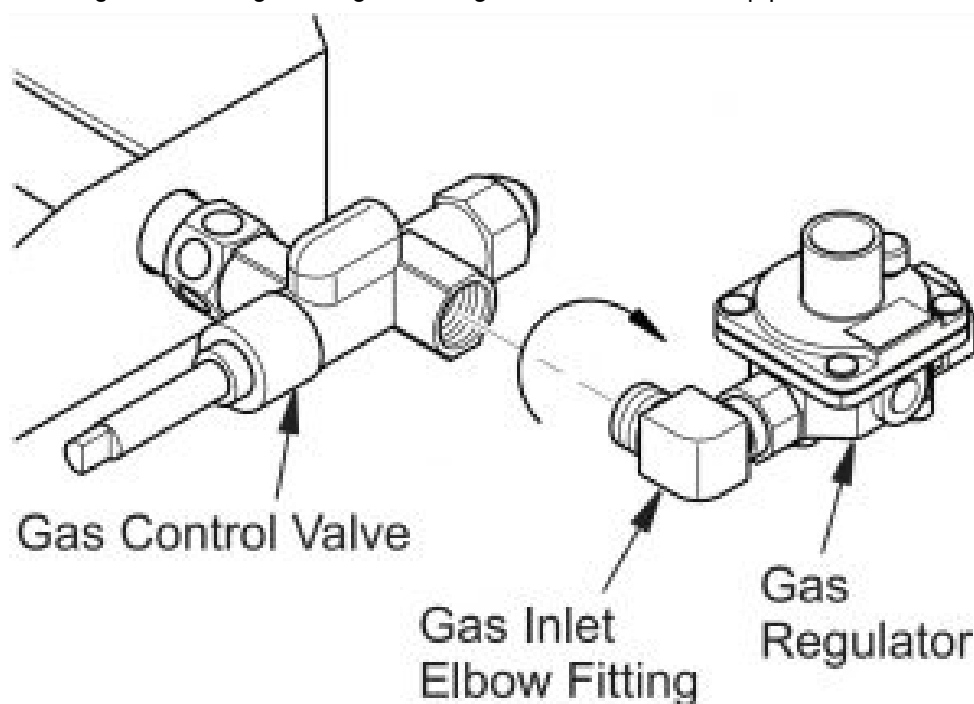
- Thread the gas control valve onto the burner air mixer. Use pipe sealant on the male threads of the burner air mixer. Hold the burner air mixer with a wrench to prevent overtightening the connection to the burner. Make sure the control rod is facing the front as shown in Figure 9.



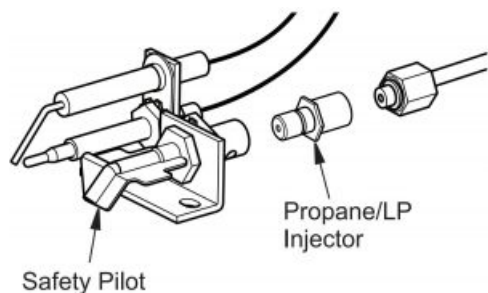
- Attach gas inlet fitting to regulator. Use pipe sealant on the male pipe threads.



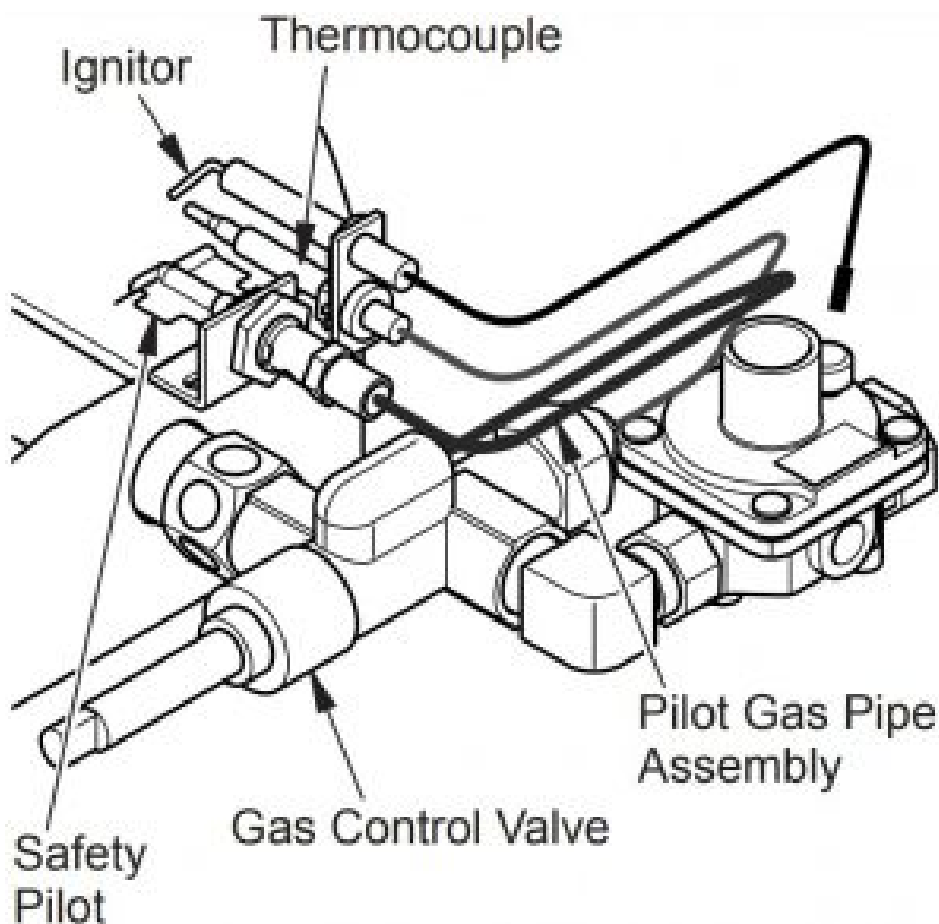
6. Attach gas inlet fitting and regulator to gas control valve. Use pipe sealant on the male pipe threads.



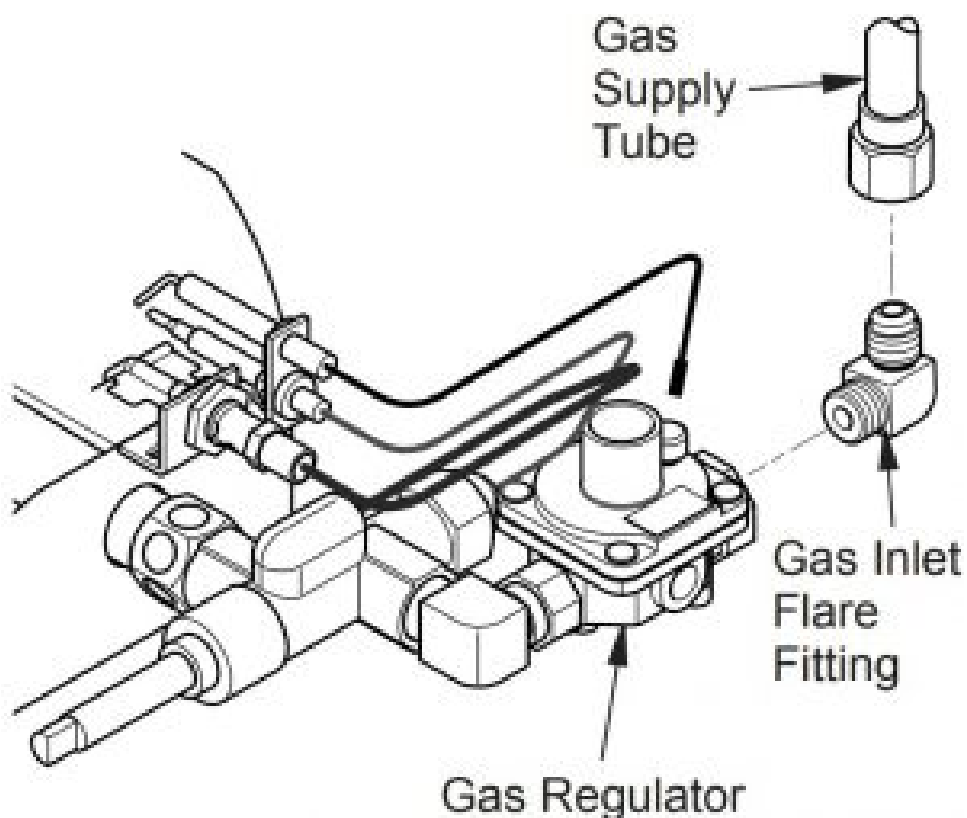
7. The pilot is provided with a natural gas injector installed. For Propane/LP gas you must remove it and replace it with the Propane/LP injector ("LP" printed on the surface). Gently loosen and remove the pilot gas pipe from bracket. Replace the injector with the Propane/LP pilot injector with "LP" printed on injector surface. Place and tighten the pilot gas pipe to bracket.



8. Attach the pilot gas pipe assembly to the safety pilot outlet of the gas control valve and tighten.
9. Connect the thermocouple to the rear of the gas control valve.

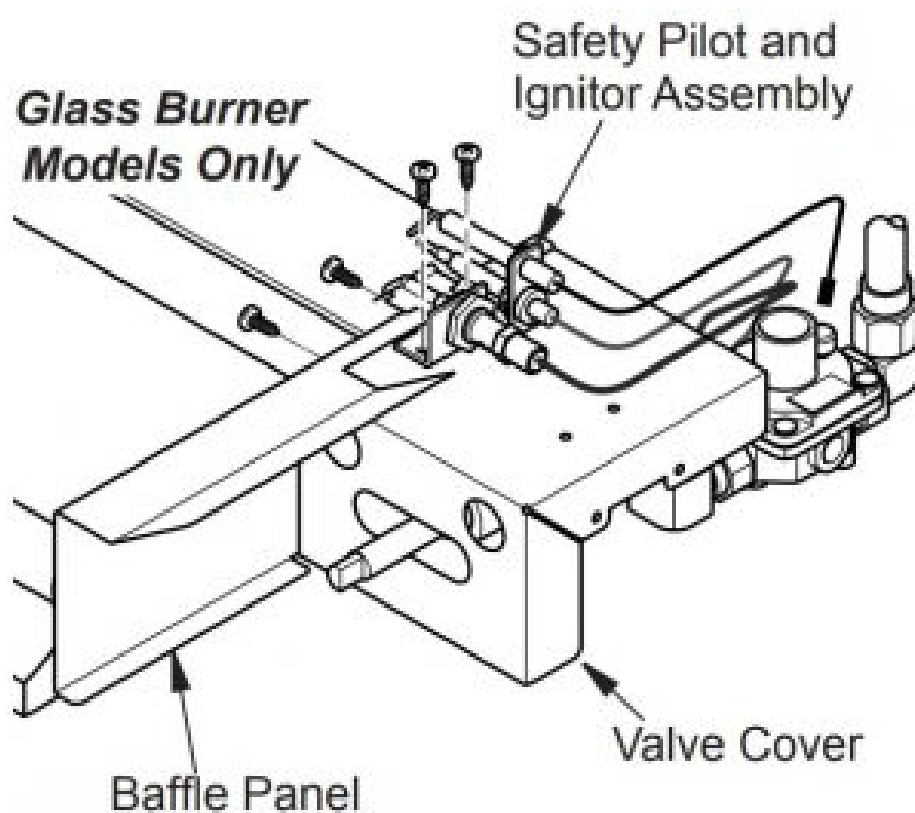
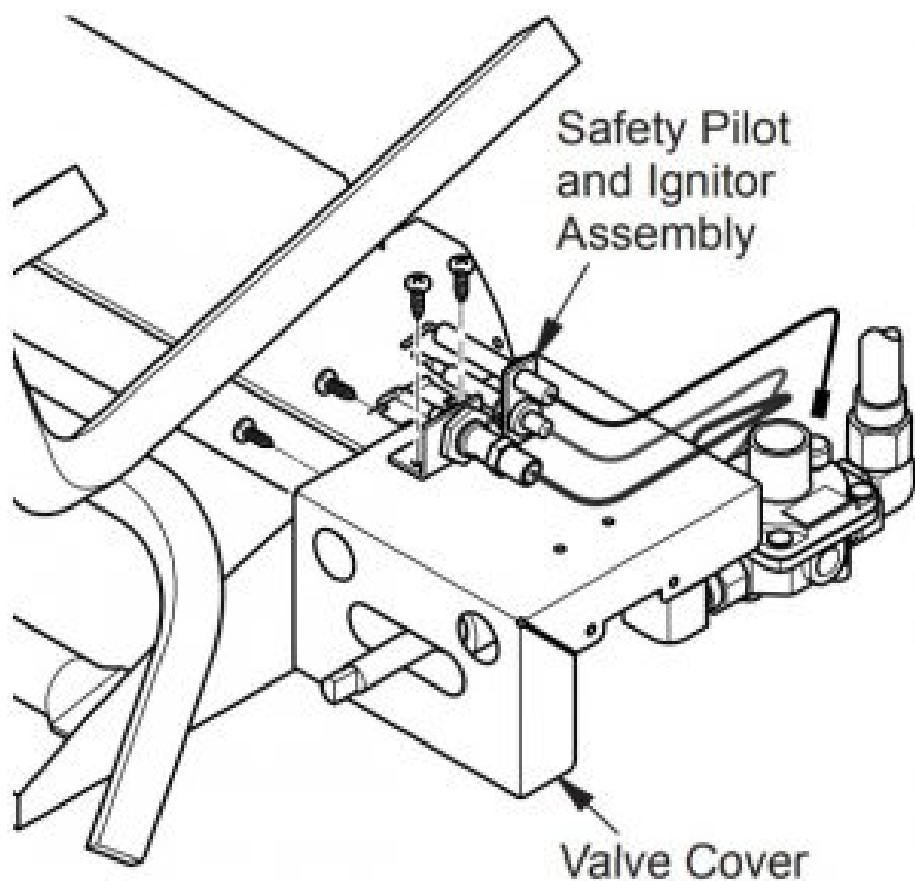


10. Install the gas inlet fitting into the inlet opening of the gas control valve. Use pipe sealant on the male pipe threads.
11. Carefully shape the gas supply tube and attach to gas inlet fitting as shown in Figure 14. Be careful not to cause kinks in tube.

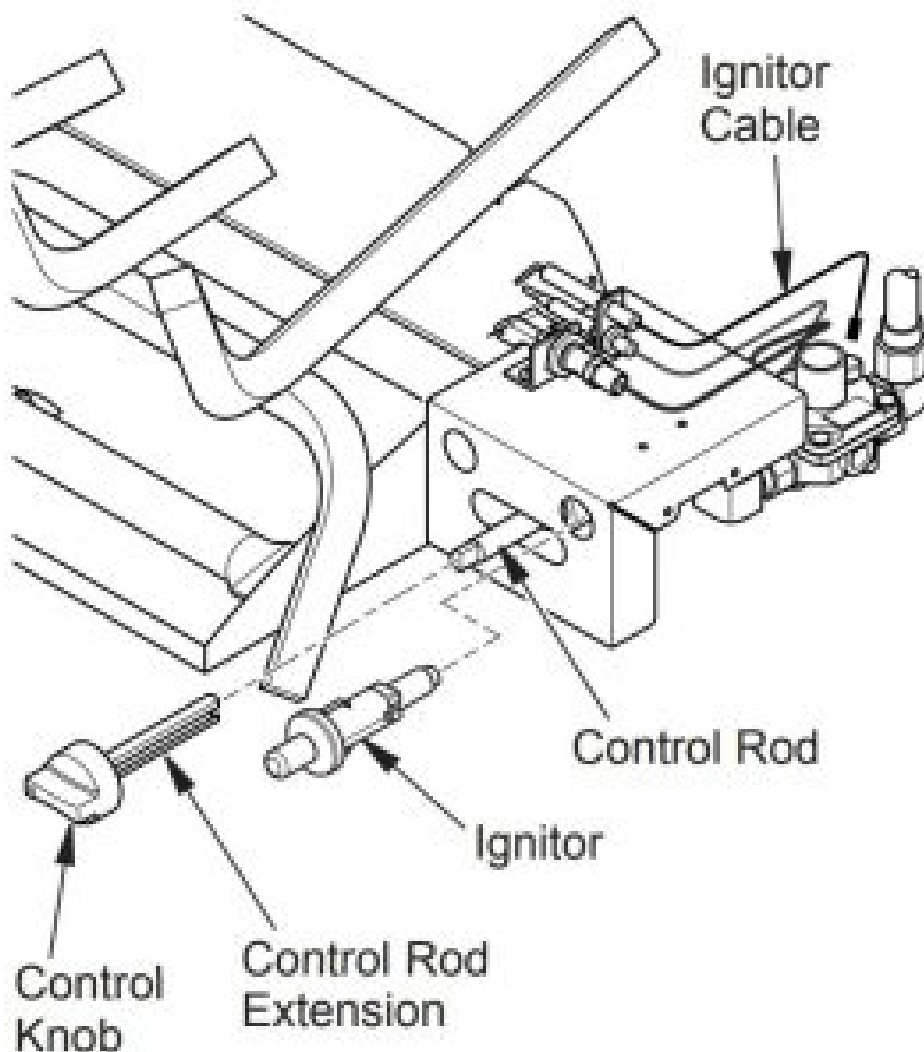


12. Install valve cover to burner pan using self tapping screws as shown in Figure 15A. FOR GLASS BURNER MODELS ONLY Install baffle panel and valve cover to burner pan using self tapping screws as shown in Figure 15B.

13. Install safety pilot and piezo ignitor onto baffle panel using self tapping screws as shown in Figure 15A and 15B.



14. Install the control knob to the control rod extension. Push the control rod extension onto the "D" shaped control rod through the center hole in the cover as shown in Figure 16.
15. Install the piezo ignitor through hole in the valve cover. Attach ignitor cable to ignitor.



**Warning :** Place the burner pan assembly in the center of the fireplace floor. Make sure the front of pan faces forward.

## REPLACEMENT PARTS

**Note:** Use only original replacement parts. This will protect your warranty coverage for parts replaced under warranty.

### PARTS UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement parts, call Customer Service toll free at 1-866-573-0674 for referral information.

**When calling Customer Service or your dealer, have ready:**

- Your name
- Your address
- Model and serial number of your heater
- How heater was malfunctioning
- Type of gas used (Propane/LP or Natural gas/NG)
- Purchase date

Usually, we will ask you to return the defective part to the factory.

## PARTS NOT UNDER WARRANTY

Contact authorized dealers of this product. If they can't supply original replacement part(s) call Customer Service toll free at 1-866-573-0674 for referral information.

### When calling Customer Service have ready:

- Model number of your heater
- The replacement part number

## WARRANTY

### KEEP THIS WARRANTY

Model \_\_\_\_\_

Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

Keep receipt for warranty verification.

### REGISTER YOUR PRODUCT AT [WWW.USAPROCOM.COM](http://WWW.USAPROCOM.COM)

***IMPORTANT: We urge you to register your product within 10 days of date of installation, complete with entire serial number which can be found on the rating plate. Please fill out the warranty information above for your personal records. Retain this manual for future reference.***

Always specify model and serial numbers when communicating with customer service. We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty. We make no other warranty, expressed or implied.

### LIMITED WARRANTY

ProCom Heating, Inc. warrants this product to be free from defects in materials and components for ONE (1) year from the date of first purchase, provided that the product has been properly installed by a qualified installer in accordance with all local codes and instructions furnished with the unit, operated and maintained in accordance with all applicable instructions. To make a claim under this warranty, the Bill of Sale or cancelled check must be presented.

### RESPONSIBILITY OF OWNER

This warranty is extended only to the original retail purchaser. This warranty covers the cost of part(s) required to restore this heater to proper operating condition. Warranty part(s) MUST be obtained through ProCom Heating, Inc. who will provide original factory replacement parts. Failure to use original factory replacement parts voids this warranty.

***IMPORTANT: The heater MUST be installed by a qualified installer in accordance with all local codes and instructions furnished with the unit or the warranty is voided.***

### WHAT IS NOT COVERED

This warranty does not apply to parts that are not in original condition because of normal wear and tear or parts

that fail or become damaged as a result of misuse, accidents, lack of proper maintenance or defects caused by improper installation. Travel, diagnostic cost, labor, transportation and any and all such other costs related to repairing a defective heater will be the responsibility of the owner.


TO THE FULL EXTENT ALLOWED BY THE LAW OF THE JURISDICTION THAT GOVERNS THE SALE OF THE PRODUCT, THIS EXPRESS WARRANTY EXCLUDES ANY AND ALL OTHER EXPRESSED WARRANTIES AND LIMITS THE DURATION OF ANY AND ALL IMPLIED WARRANTIES. INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO ONE (1) YEAR ON ALL COMPONENTS FROM THE DATE OF FIRST PURCHASE. PROCOM HEATING, INC.'S LIABILITY IS HEREBY LIMITED TO THE PURCHASE PRICE OF THE PRODUCT AND PROCOM HEATING, INC. SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES WHATSOEVER INCLUDING INDIRECT. INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states do not allow a limitation on how long an implied warranty lasts or an exclusion or limitation of accidental or consequential damages, the above limitation on implied warranties, or exclusion or limitation on damages may not apply to you. This warranty gives you specific legal right, and you may also have other rights that vary from state to state.



ProCom Heating, Inc.  
Bowling Green, KY 42101  
[www.usaprocom.com](http://www.usaprocom.com)  
1-866-573-0674

## Documents / Resources

	<p><a href="#">PROCOM HEATING Conversion and Pilot Kit for Vented Gas Logs</a> [pdf] Installation Guide Conversion and Pilot Kit for Vented Gas Logs</p>
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## References

- [ProCom Heating - The Leader In Fireplaces And Heaters](#)