

**INSTALLER: Leave this manual with the appliance.**  
**CONSUMER: Retain this manual for future reference.**

These instructions are supplementary to the Installation and Operating Instructions supplied with the fireplace and should be kept together. Refer to the Installation and Operating Instructions for proper gas supply, safety requirements and operating instructions



**TOWN & COUNTRY**  
L U X U R Y F I R E P L A C E S

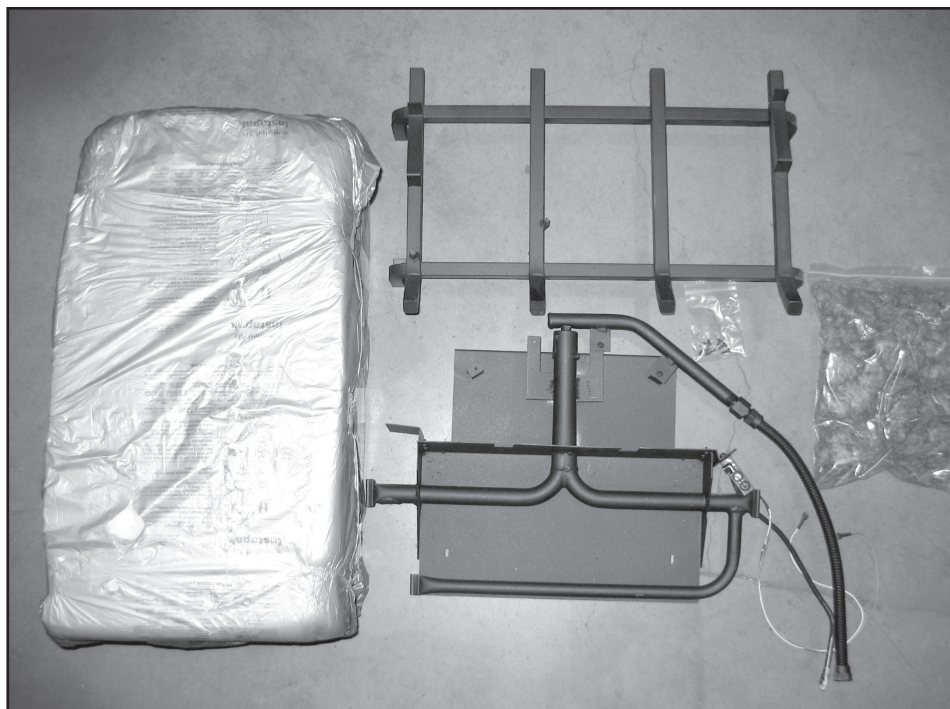
## **TC36 CHALET BURNER KIT INSTALLATION INSTRUCTIONS**



**PART# TC36.NG06.D2**  
**For TC36 & TC36 Arch**  
**Series D Fireplaces**



## Contents of Package



- BURNER ASSEMBLY
- LOG GRATE
- TC36 LOGS
- EMBER MATERIAL
- HARDWARE PACKAGE



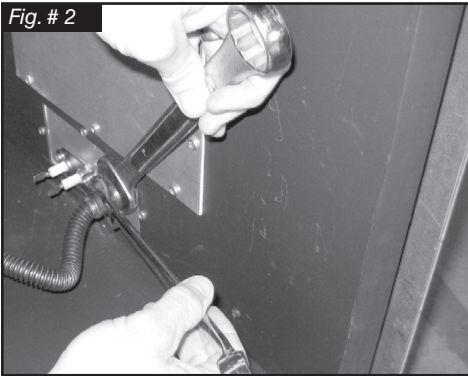
# Burner/ Grate Installation

Fig. # 1



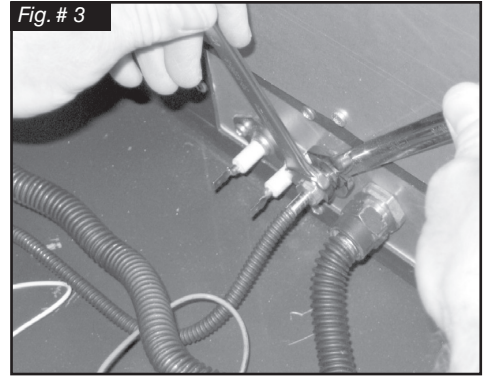
1. Attach the burner assembly to the floor of the firebox with two screws. (Fig. # 1)

Fig. # 2



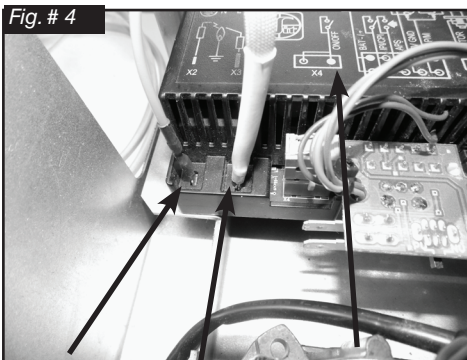
2. Attach the manifold supply tube to the bulk head fitting and tighten. (Fig. # 2) Ensure that there are no leaks.

Fig. # 3



3. Attach the pilot supply tube to the bulk head fitting and tighten. (Fig. # 3) Ensure there are no leaks.

Fig. # 4



IGNITION WIRE (RED) FLAME SENSOR WIRE (WHITE) INTERFACE MODULE

4. Attach the ignition and sensor wires to the module. (Fig.#4).

**A panel set must now be installed. See Installation and Operating Instructions manual for details.**

Fig. # 5



5. Position the grate over the burner tray and attach to the floor with two screws through holes located behind the front legs of the grate. (Fig. # 5)

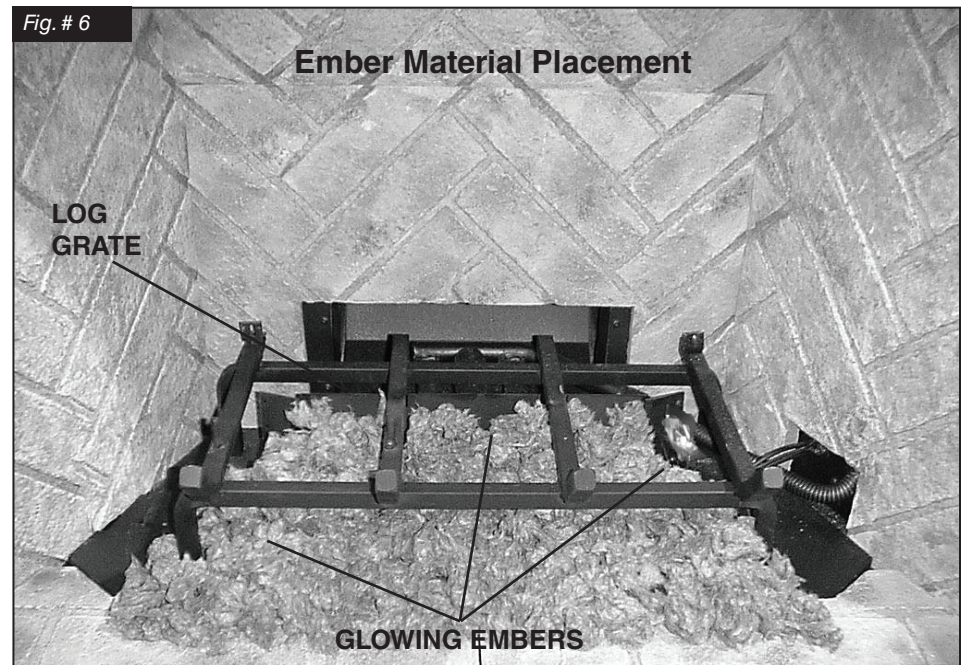
# Ember Material

A large bag of ember material is shipped with the fireplace and needs to be installed on the burner to ensure optimum performance and flame appearance.

1. Pull apart the material into ember size pieces (approximately 1" squares) and gently place them into the burner pan. Do not compress, leave them loose for best performance.
2. Fill the burner pan level with the top of the pan at rear, and gradually sloping forward down to the firebox floor at the front, covering both burner tubes.
3. Place remaining ember material outside of the burner pan as desired to cover-up gas lines and brackets.

**Note:**

**Ember material placement and amount will affect flame appearance. More ember material results in lower flame height. Add or remove as needed until desired flame affect.**

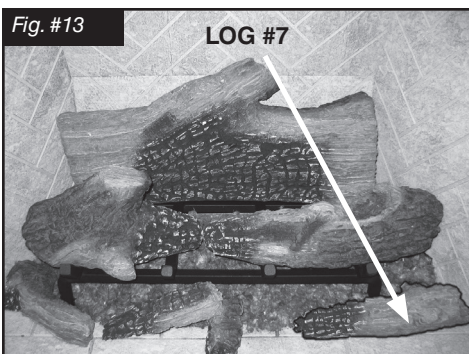
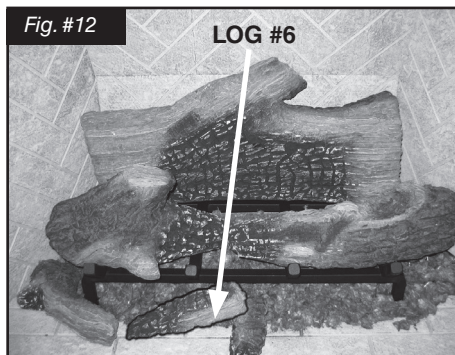
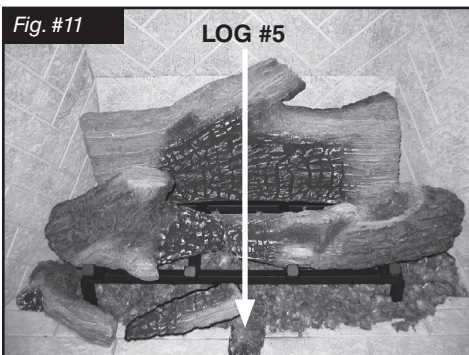
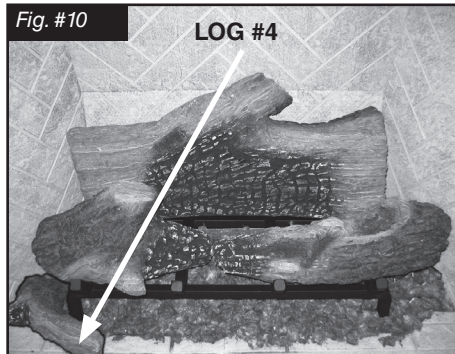
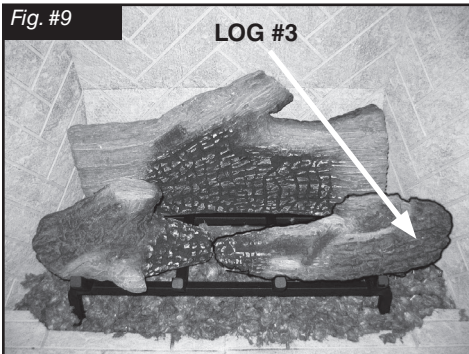
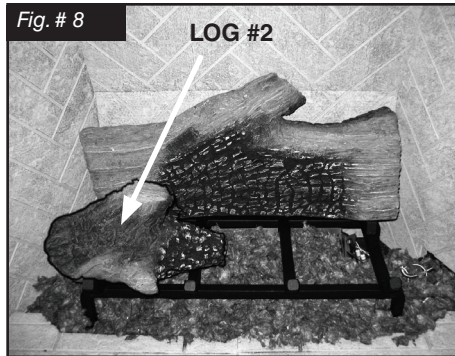
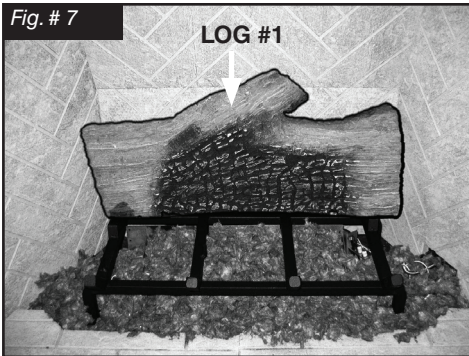




# Log Set Assembly

Gas plumbing and vent connections should be completed before proceeding.

The logs are fragile and should be handled with care. Unpack and inspect log set. There should be a total of 7 logs. Position the logs as indicated by the following pictures. Place the rear log back against the tabs located at the back of the grate. Place left log as pictured, engaging the pins with corresponding holes on the underside of the log. Install the right log into the grate and pull it forward into position as shown. Place the four remaining small logs on the floor of the firebox in the positions and order as shown.



**Note: Improper placement of logs will cause sooting on internal parts and glass.**

# Propane Conversion

If the unit is to be used on propane, convert as follows using the components supplied with this burner:

Note: Factory supplied components must be used to ensure correct input. After conversion confirm proper manifold pressure.

## CAUTION

The gas supply and electrical power must be shut off before proceeding with the conversion.

Kit # TC36_D.LPKTD for use with model: TC36 Pour utiliser avec du modèle: Series D	
Date: _____	<b>PACIFIC ENERGY</b> This appliance was converted to PROPANE GAS with this kit on this date by the organization which accepts the responsibility that this conversion has been properly made. / Cet appareil est converti au gaz LP par l'emploi de la trousse de conversion par une organisation qui accepte la responsabilité pour une installation en bon état.
By / Par: _____	
<b>LP GAS / DU GAZ LP</b> 12.5 in/wc / 12.5 po/c.e. (3.11 kPa) 13.9 in/wc / 13.9 po/c.e. (3.45 kPa) 10.0 in/wc / 10.0 po/c.e. (2.74 kPa) 2.18 mm Max.: 47,000Btu (17.9kw) Min.: 38,000Btu (11.1kw)	
071014 6-TC36 D 5052.5208C	



CONVERSION LABEL (5052.5208D)

## WARNING

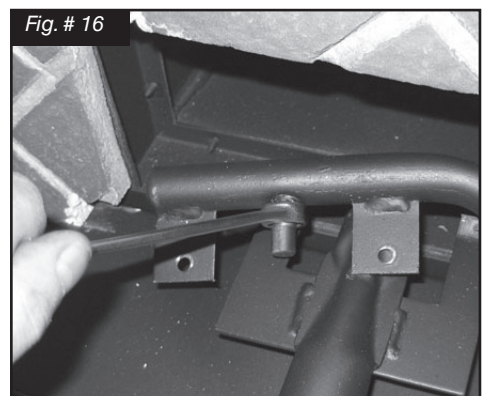
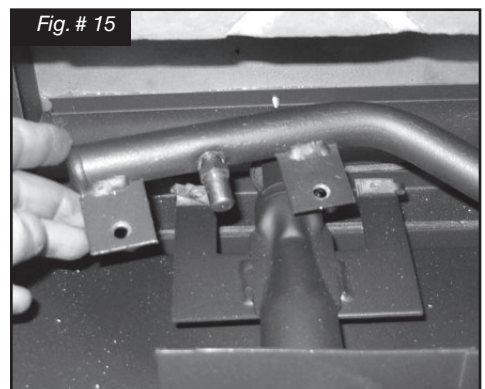
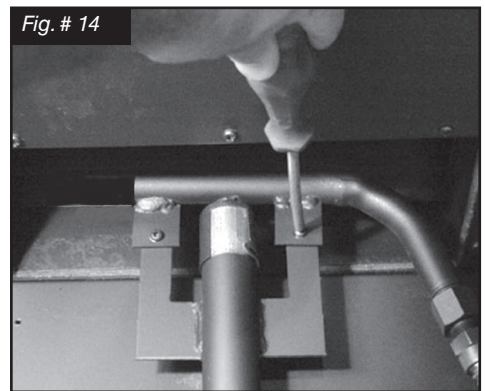
This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction.

If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life.

The qualified service agency is responsible for the proper installation of this kit.

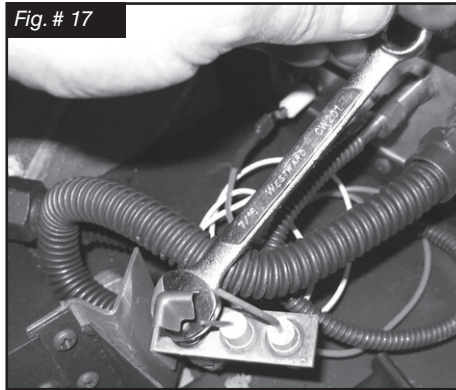
The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

1. Ensure the burner, pilot and gas supply are turned off, and the appliance has cooled.
2. Remove the two screws securing the manifold assembly to the burner. (Fig. #14)
3. Remove the manifold assembly from the burner. (Fig. #15)
4. With a ½" wrench remove the natural gas orifice and replace with propane orifice (our part # 5022.92) (Fig. #16)
5. Fully open the primary air shutter.
6. Reinstall the manifold assembly

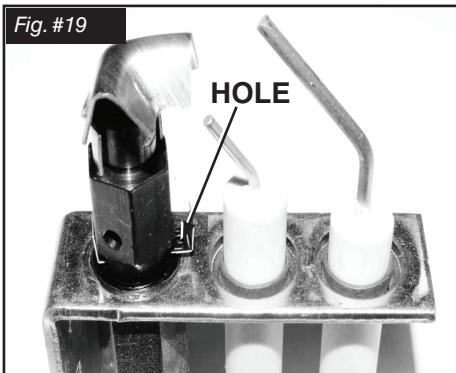
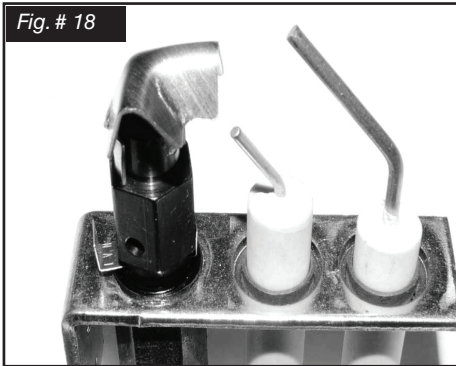




7. With a 7/16" wrench loosen the pilot head on the pilot assembly by a half-turn (Fig. #17)



8. Slide the pilot adjustment band over and ensure that the hole in the orifice band is showing. (Fig. #18 shows NG position, Fig. # 19 shows LP position)



**For complete valve conversion installation instructions, refer to the instruction book included in the SIT conversion kit.**

# Burner Flame Adjustment

The air shutter on the burner tube controls the primary combustion air to the gas burner and is preset at the factory for natural gas fuel. Some adjustment may be necessary to obtain desired flame and to eliminate carbon deposits. Evaluate flame appearance after the fireplace has reached operating temperature. See Fig. #20 for proper flame pattern.

Open primary air shutter if the logs, glass, and firebox have carbon accumulation and / or the flames are long, dark and stringy. The shutter may also be opened to enhance the Ember Material glow and lessen the flame height.

**Caution: Burner area may be hot!**

Turn off the fireplace and allow the unit to cool before proceeding.

Fig. # 20



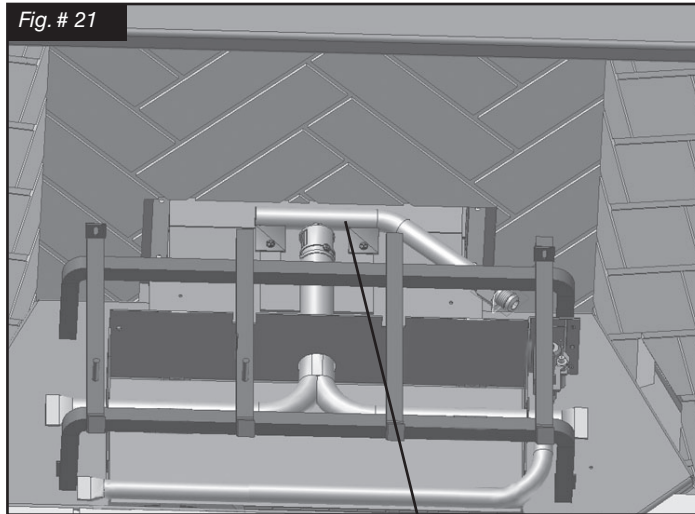
**Caution: Proper air shutter setting is a must.**

The flame should be just orange and “lazy”. It should NEVER be set to create sooting on internal parts and glass.

**To Adjust: (Fig. #21)**

1. Open and remove window frame and set aside. See “Window Frame Removal” section found in the Installation and Operating Instructions manual.
2. Remove the log set and set aside.
3. Loosen the screw in the Primary Air Shutter.
4. Rotate the shutter to increase or decrease the amount of primary air.
5. Reassemble in reverse order.

Fig. # 21



PRIMARY AIR SHUTTER



# Gas Pressure Check

**Note:** To test the gas pressure, turn off the gas supply before removing the plug from the supply pressure test port or manifold pressure test port.

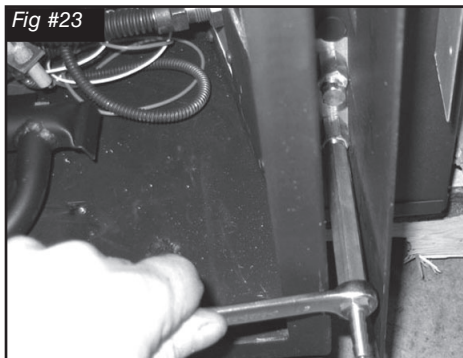
Verify gas pressures with the fireplace lit and on the highest setting.

Fig #22



1. Remove the plug from the manifold test port. The plug is located between the right side lintel and firebox side (bottom port). (Fig. # 22)

Fig #23



2. Thread the extension test fitting into the open test port. (Fig. #23)
3. Attach a pressure gauge onto the fitting.
4. When testing is complete remove the extension test fitting and replace the plug. Thread sealant will be required to ensure a gas-tight connection.

## Correct gas pressure requirement:

### Supply Pressure (For purpose of input adjustment)

Minimum  
Maximum

### Natural Gas

5.0" WC  
13.9" WC

### Propane

12.5" WC  
13.9" WC

### Manifold Pressure

Maximum  
Minimum

3.5" WC  
1.6" WC

10.0w" WC  
6.4" WC

# Replacement Parts

(WHEN ORDERING, INCLUDE PART NUMBER WITH DESCRIPTION)

ITEM.....DESCRIPTION.....PART NO.

#1.....BURNER ASSEMBLY.....TC36.NG06.C

#2.....7 PCS LOG SET(TC36).....5094.362643

#3.....ORIFICE, NATURAL GAS (#30).....5022.13

ITEM.....DESCRIPTION.....PART NO.

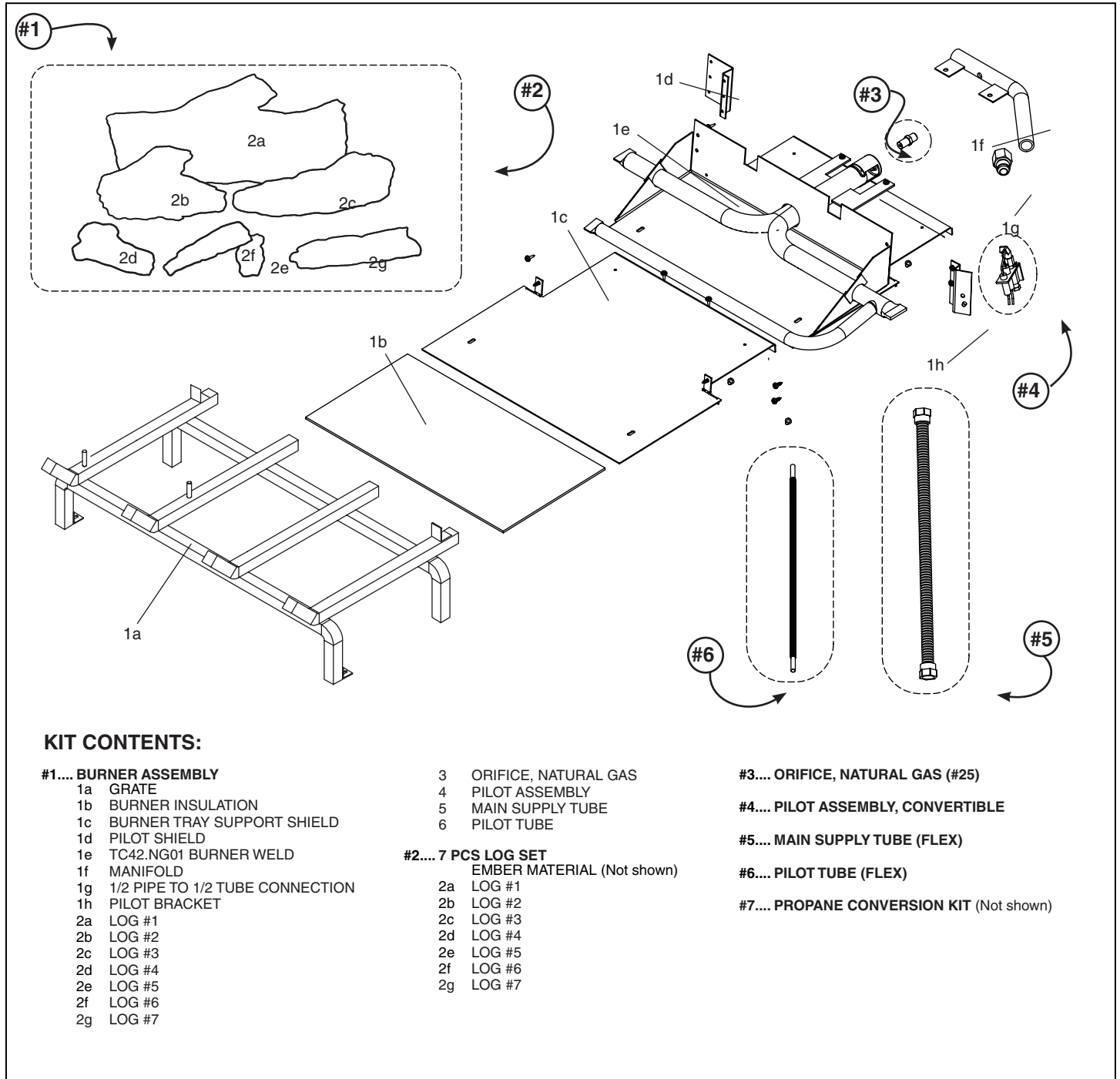
#4.....PILOT ASSEMBLY.....TCRP.5005025

#5.....MAIN SUPPLY TUBE (FLEX).....5019.223

#6.....PILOT TUBE (FLEX).....5019.225

\* #7.....PROPANE CONVERSION KIT.....TC36.LPCE01

\* NOT SHOWN







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