



# Technical Data Sheet

## Tribute DV Model 8050 Gas Conversion From NG to LP *Part #90-56501*

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### **INCLUDED IN KIT:**

7200-125: #56 LP Burner Orifice  
7211-136: 0.35 mm LP Pilot Orifice  
LP Sticker (Red)

### **TOOLS REQUIRED:**

Phillips Screwdriver  
5/32" (4 mm) Allen Wrench  
Pliers  
1/2" (13 mm) Wrench  
3/8" (10 mm) Wrench

### **!!Warning!!**

This conversion kit must be installed by a qualified gas 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 performing this work assumes responsibility for the proper conversion of this appliance with this appliance

### **!!Attention!!**

Cet équipement de conversion sera installé par une agence qualifiée de service conformément aux instructions du fabricant et toutes exigences et codes applicables de l'autorisés avoir la juridiction. Si l'information dans cette Instruction n'est pas suivie exactement, un feu, explosion ou production de protoxyde de carbone peut résulter le dommages causer de propriété, perte ou blessure personnelle de vie. L'agence qualifiée de service est esponsable de l'installation propre de cet équipement. L'installation n'est pas propre et complète jusqu'à opération de l'appareil converti est chèque suivant les critères établis dans les instructions de propriétaire provisionnées avec l'équipement.

**CAUTION:** Turn off the gas supply before making this conversion. If the stove is equipped with the optional blower, disconnect it from the electrical source before making this conversion.

## PROCEDURE:

1. Remove the cast front of the stove by lifting it up and pulling it off the face of the stove.
2. Access the glass by prying up the two retaining clips on the top of the glass with pliers. Lift the glass off and carefully set it out of the way.
3. Carefully remove the logs and embers. Loosen the ceramic burner by turning out the two screws that attach it to the base of the firebox with a Phillips screwdriver. With the screws removed, gently lift the ceramic burner up and angle it out of the front opening in the firebox.
4. Locate the hex nut under the stove that locks the primary air shutter in place. Loosen this nut with the 3/8" (10 mm) wrench. Slide the air shutter (located under the shutter box) fully to the left - this is the proper adjustment for LP gas. Tightened the nut to hold the shutter in this position.
5. Loosen the screws that hold the shutter box to the firebox bottom with the Phillips screwdriver. Slide the box to the left and lift it out of the way to gain access to the LP Burner orifice (see Photo #1).



### Photo #1

Loosen the bolts that hold the air shutter box to the firebox. Remove this box to replace the burner orifice.

**Note:** The air shutter is located underneath this plate.

6. Remove the NG orifice with the 1/2" (13 mm) wrench and install the #56 LP burner orifice in its place (see Photo #2).
7. Locate the pilot assembly inside the firebox. Remove the easy off top of the pilot by grasping it and pulling it up and off the pilot assembly.



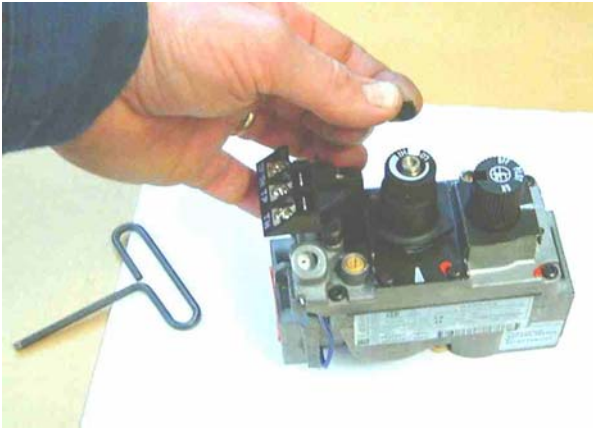
**Photo #2**

Remove the NG burner orifice with a ½" (13 mm) wrench and replace it with the LP orifice supplied with this kit.

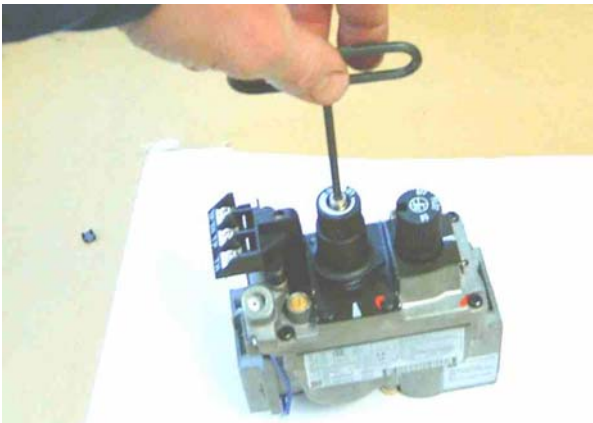
**Note:** The pilot hood is shown between the thermocouple and thermopile.

8. Using the 4 mm hex wrench (substitute the 5/32" if a 4 mm is not available), unscrew and remove the NG pilot orifice. Insert the 0.35 mm LP orifice provided with this kit and tighten it with the hex wrench.
9. Snap the pilot burner hood back into place on the pilot stem, making sure the cutout of the hood aligns with the tang on the orifice housing.
10. Replace the shutter box and secure it to the firebox by tightening the retaining screws removed in step 5.
11. Place the ceramic burner back into the firebox and secure it to the firebox bottom by replacing the screws removed in step 3.
12. Place the glass back in place and secure it by sliding the retaining clips back into the slots on the top of the glass frame.
13. Place the cast iron front back onto the face of the stove.
14. This stove is equipped with a universal valve that allows conversion to LP without additional parts. Locate the valve below the ash lip under the front of the stove. If the extension knobs are installed, pull them off the control knobs.
15. Working on the Hi/Lo knob, pull off the cap on the face of the knob (see Photo #3).
16. Using the 4 mm hex wrench, remove the conversion plug that is inside the knob (see Photo #4).

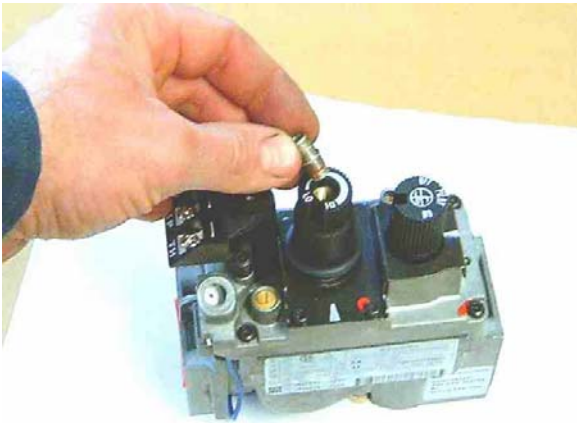
17. Rotate the conversion plug and turn it back into the knob. Turn the plug in with the hex wrench until it is snug – be careful not to use excessive force, as this could damage the plug.



**Photo #3**  
Remove the plug on the face of the Hi/Lo knob.



**Photo #4**  
Using the 5/32" (4 mm) wrench to remove the conversion plug.



**Photo #5**  
To convert the valve to LP, turn the conversion plug over and reinstall it with the hex wrench.

**NOTE:** When converted to LP, you will see the red ring on the conversion plug after it is installed.

18. Place the red LP sticker onto the lighting instructions. These are located on the back of the lab plate attached to the stove with a cable.

**Note:** Refer to the owner's manual for the:

- a. Details on adjustment for the proper pilot and main burner flame appearance.
- b. Instructions for checking out the normal operating sequence of the ignition system.
- c. Location on the valve to check manifold pressure.

	<b>NG</b>	<b>LP</b>
Input rating (Btu/hr) 0 - 2,000	18,000	17,500
Maximum output (BTU/hr) 0-2,000 ft	13,300	13,200
Minimum input rating (Btu/hr)	10,600	10,400
Orifice size DMS 0- 2,000 ft	48	56
Manifold pressure-Hi Setting (in. w.c./kPa)	3.5/1.15	10.0/2.48
Man. Pressure-Lo setting (in.w.c./kPa)	1.2/0.3	3.3/0.82