



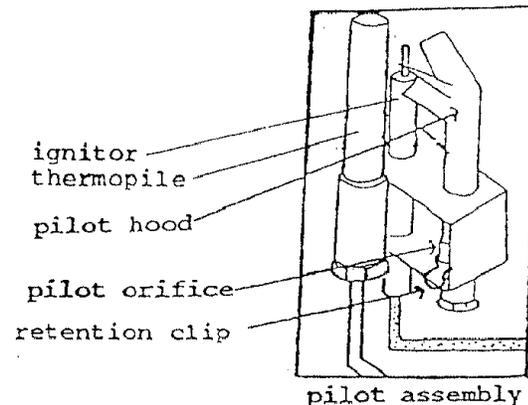
TECHNICAL DATA SHEET
Kit #95-56905
Sterling B-Vent Model 8520
Conversion From Natural Gas to Liquid Propane (L.P.)

95-56905 KIT CONTENTS:

- 1-LP Variable Regulator w/ Gasket and Screws
- 1-LP Burner Orifice
- 1-LP Pilot Orifice

TOOLS REQUIRED:

- 1-5/8" Wrench
- 2-1/2" Wrench
- 1-1/2" Socket (optional)
- 1-7/16" Wrench
- 1-Needle nose Pliers
- 1-Phillips Screwdriver
- 1-Slotted Screwdriver



WARNING: *Servicing of gas control, appliances, systems and leak testing must be PERFORMED BY QUALIFIED PERSONNEL ONLY.*

PROCEDURE:

- 1) Turn the green knob on the gas control valve to the OFF position. Turn off the gas to the unit.
- 2) Using a Phillips screwdriver, remove the two screws that retain the pilot assembly. The screws are located outside the unit in the rear of the lower pan assembly.
- 3) Use a slotted screwdriver to remove the door retention screw from the front door. Open the door and remove the log set.
- 4) Locate the pilot assembly inside the stove. Use the needle nose pliers to pull the retention clip from the base of the pilot assembly. Rotate the pilot 90 degrees counterclockwise and lift it off of the pilot orifice.

NOTE: This clip retains the pilot orifice. It should be carefully saved for reuse.

- 5) While holding the pilot line fitting with a 7/16" wrench, remove the natural gas orifice with a 1/2" socket or wrench.
- 6) Replace the natural gas orifice with the LP orifice provided in the kit. Use two wrenches as in #5 to tighten the LP orifice. Return the pilot hood assembly to its original position. Reinstall



the clip (see illustration above for proper position) and replace the Phillips screws in the back of the unit.

- 7) Locate and remove the 2 Phillips screws on the front of the bottom pan assembly. The valve cover can now be removed, exposing the main burner orifice.
- 8) Using a 5/8" wrench, disconnect the supply tube from the valve outlet and remove. While holding the elbow with a 1/2" wrench, remove the natural gas orifice with the 1/2" wrench. Replace the natural orifice with the LP orifice provided in the kit.
- 9) Reinstall the supply tube.
- 10) Open the valve door on the right hand side of the stove. Locate the natural gas regulator. To complete the conversion, follow the instructions provided with the LP regulator. It is important to make certain the new gasket is properly installed to prevent a gas leak. The best way to do this is to tip the unit on its side so that the gasket is put down horizontally and can not slide down. **CAUTION:** Remember to remove top stones before tipping the unit on its side. Also, make sure that the logs have been removed from the firebox before tipping the unit on its side.
- 11) Replace the logs. Consult the Owner's Manual for the proper positioning of the logs.
- 12) Close the front door and fasten the door retention screw back into its normal position.
- 13) Put the sticker on the unit indicating it has been converted to LP.

IMPORTANT: *Leak test all the fittings before the stove is approved for use, then replace the valve cover and screws.*