

# Technical Data Sheet

## Sterling B-Vent (Model 8521) High Altitude Conversion For LP Gas *Assembly 95-56922*

**Date:** 12/31/2002

**Page:** 1 of 2

### **TOOLS REQUIRED**

Phillips Screwdriver

Slotted Screwdriver

1/2" Deep Socket or Wrench

7/16" Wrench

### **KIT COMPONENTS**

2-#56 Burner Orifices

1-Instruction Sheets (2 pgs)

**WARNING: Servicing of gas controls, appliances, systems and leak testing must be PERFORMED BY QUALIFIED PERSONNEL ONLY. GAS EXPLOSION HAZARDS ARE PRESENT.**

**IMPORTANT: THE CONVERSION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND IN ACCORDANCE WITH ANSIZ223.1 OR CAN1-B149.1 AND .2.**

**BEFORE YOU BEGIN:** Turn the valve control to the off position. Turn off gas supply to the stove.

**PROCEDURE:**

- 1) Locate the rear shield on the lower left hand side on the back of the stove. Remove it by removing the two phillips screws that retain it.
- 2) This exposes the shutter adjustment rods and bracket. With a 7/16" wrench loosen the bolt in the retaining bracket.
- 3) Open the front door. Carefully remove the log set, Owner's Manual, thermostat and wire.
- 4) Remove the screw in primary air block (right corner by log rack, just above back burner tube) you can now pull the two burner tubes out of the firebox. Note their position for reassembly.
- 5) Remove the two screws that retain the log rack. Remove the log rack.
- 6) Using a 1/2" deep socket (or 1/2" wrench) remove the two LP gas orifices (#55). Install the LP gas orifices (#56).
- 7) Reinstall the log rack. Install the front burner tube first. Note, this is the longer of the two burners. Push the shutter rod through the bottom hole. Install the top/rear burner making sure the shutter rod passes through the top hole in the rear of the firebox. Adjust the shutters as indicated in the Owner' Manual. Reinstall the primary air block over the shutters by attaching it to the log rack.
- 8) On the back of the stove, tighten the shutter retainer bolt and replace the rear shield.
- 9) Turn on the gas supply. **LEAK TEST BEFORE AND AFTER LIGHTING THE STOVE.**