

Technical Data Sheet

Eliminate Firebox Expansion Noise *Used For Sterling Models 8520 & 8530*

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PROVIDED PARTS:

- 1-Steel Spline 1/8" x 3/4" x 6"
- 1-Length 3/4" flat self adhesive tape

TOOLS REQUIRED:

- Phillips Screwdriver
- Stubby Phillips Screwdriver
- Scissors

BEFORE YOU BEGIN: Make sure the stove control is in the off position and the stove is cool.

PROCEDURE:

- 1) Use the standard phillips screwdriver to remove the front door screw. Open the door and remove the log set. Carefully set the logs aside for reuse. Carefully lift the ember screen out of the stove.
- 2) Lift the burner tube out of the stove by first moving it slightly to the left and then pulling it straight up and out.
- 3) Use the stubby phillips screwdriver to remove the phillips head screws that hold the cast iron baffle to the back of the firebox. Remove the baffle.
- 4) The spline should be positioned so that it is in the center of the firebox. Position the spline in a verticle orientation secure the spline to the firebox with a short section of the 3/4" flat tape.
- 5) Replace the cast iron baffle. Secure the screws with the stubby phillips screwdriver.

NOTE: The purpose of the spline is to achieve a slight bow in the firebox. This will prevent the "oil canning" affect that is creating the banging in the firebox.

- 6) Replace the burner tube. Place it down and fully to the right so that it is positioned on the orifice and is seated flush to the holding brackets.

- 7) Replace the logs. Consult the Owner's Manual for the proper log position if necessary. Replace the ember screen and embers.

- 8) Close the front door and replace the screw. Tighten it with the phillips screwdriver to assure that the door seals against the frame.