

Trouble Shooting

Figure No. 4 Re-Calibration of the Robertshaw 110SS Gas Heating Control (see Figure No. 2 for details)

If the burner will light but will not shut off, the temperature sensing bulb probably has lost some of its fluid. A new gas valve (Unitrol) will be required.

If there has been MINOR damage to the temperature sensing bulb or line on your gas valve (Unitrol), the burner may not light. The temperature dial may be re-calibrated in this case. If the damage is major, it will not be possible to re-calibrate and a new gas valve (Unitrol) will be required. Temperature sensing bulb is not sold separately.

TO RE-CALIBRATE:

1. Remove the temperature dial.
2. Using needle-nose pliers, hold the pointer on the dial shaft.
3. Loosen the nut holding this pointer.
4. Move the pointer clockwise approximately 90 degrees (1/4 turn).
5. Re-tighten nut.
6. Replace temperature dial.
7. Turn temperature dial and note where valve “clicks” off. For correct calibration, the temperature sensing bulb should be 52 degrees when the dial is at #5 position.
8. If this calibration is not suitable, repeat steps 1 through 7.
9. There is a limit to how much the unit can be calibrated. If these steps do not correct the problem, a new gas valve (Unitrol) may be required.

Temperature sensing bulb not sold separately.