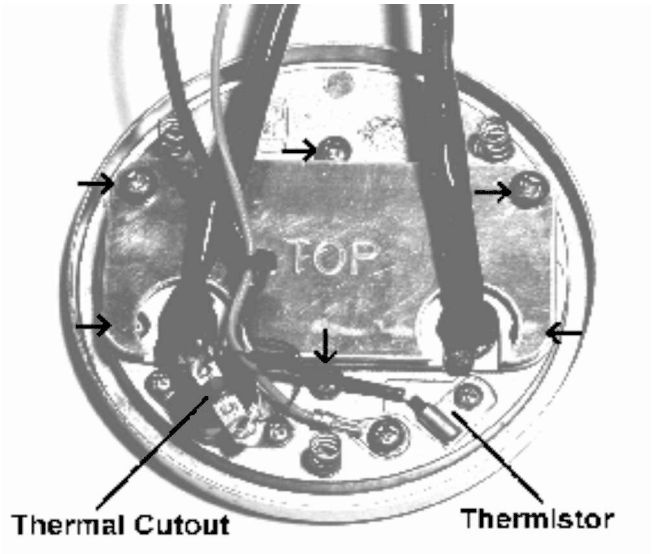

Figure 7.7 Showing location of Heater Plate Thermistor Thermal Cutout and Element Screws

8. Solder the wires from the new harness to the heater plate thermal cutout.
9. Attach the cable ties provided to the heater plate harness.
10. Place heater plate back into position, ensuring the springs underneath the heater plate are in place. Attach to the humidifier's case using the three long screws that were previously removed.
11. Connect the heater plate element, thermistor and thermal cutout harnesses to the power PCB.
12. Close the case (section 7.2.8).

Checking the heater plate element

1. Open the case (section 7.2.1).
2. Disconnect the heater plate element, thermistor and thermal cutout harnesses from the power PCB.
3. Measure the resistance between the 2 contacts on the heater plate element connector (this is the large three pin connector).

The resistance of the heater plate element should measure the same as outlined in the table below:

MR850 Model Number	Supply Voltage	Heater Plate Resistance
MR850Axx	230 V~	353 ± 12 Ohms
MR850Pxx	127 V~	108 ± 3 Ohms
MR850Jxx	115 V~	88 ± 3 Ohms
MR850Gxx	100 V~	67 ± 2 Ohms

If the measured resistance is outside this range, replace the heater plate element (steps 4 to 9). If the heater plate element is within specification, go to step 10.

NOTE: If the heater plate element requires replacing, a heater plate element service kit is required - see Section 10. Spare Parts.

4. Remove the two visible screws holding the heater plate element reflector. Remove the shield, making sure the washers are not lost. Unscrew the last four screws on the element cover (Figure 7.7).