Manual Supplement

Manual Title: 741B/743B Users   Supplement Issue: **4**
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This supplement contains information necessary to ensure the accuracy of the above manual.

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Change #1

On page 76, replace step 24 and delete step 25.

24. Exercise the switch by varying the applied pressure. Adjust the switch until the set point is correct.

On page 111, change **Type E**, third entry,

From:	-200 to –100	0.5	0.8	0.3	0.4
To:	-100 to 600	0.3	0.4	0.3	0.4

On page 114, change the **Range** on the 120Ω Ni(672) Type,

From:	-200 to 260
To:	-80 to 260

On page 115, change the **Range** on the 100Ω Pt(3916) Type,

From:	0 to 360
To:	0 to 630

Change#2

On page 97, under *Calibration Data*, replace the first sentence with:

The date the calibrator was last calibrated shows on the calibration sticker. The date the calibrator was last adjusted is shown on the last screen in Setup mode.

Change #3

On page 115, at the bottom of the table, change the following,

From: **Maximum Input Current for RTD Source**: 10Ω RTDs: 8 mA dc; 100Ω – 120Ω RTDs: 3 mA dc; 200Ω - 1000Ω RTDs: 1 mA dc

To: **Maximum Input Current for RTD Source**: 10Ω RTDs: 8 mA dc; 100Ω – 120Ω RTDs: 8 mA dc; 200Ω - 1000Ω RTDs: 1 mA dc

Change #4

On page 110, replace the bottom portion of the *Frequency Sourcing* table with the following:

Waveform Choices: Zero-symmetric sine or positive square wave, 50% duty cycle.
Amplitude: 0.1 to 10 V pk (square wave, 0 V reference)
            0.1 to 10 V p-p (sinewave)
Amplitude Accuracy:
  0 Hz to 1099 Hz: 3% of output + 0.5% f.s. (squarewave)
  1.0 Hz to 1099 Hz: 3% of output + 0.5% f.s (sinewave)
  1.1 kHz to 10.9 kHz: 10% of output + 0.5% f.s.
  11 kHz to 50 kHz: 30% of output + 0.5% f.s.
Maximum Input Voltage: 30 V dc

Change #5

On page 111, under *Temperature, Thermocouples* **Type E**, delete the entire third row.