

# Manual Supplement

Manual Title:	732B/734A Instruction	Supplement Issue:	7
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This supplement contains information necessary to ensure the accuracy of the above manual.

# Change #1

On page 5-5, replace Figure 5-1 with the following:

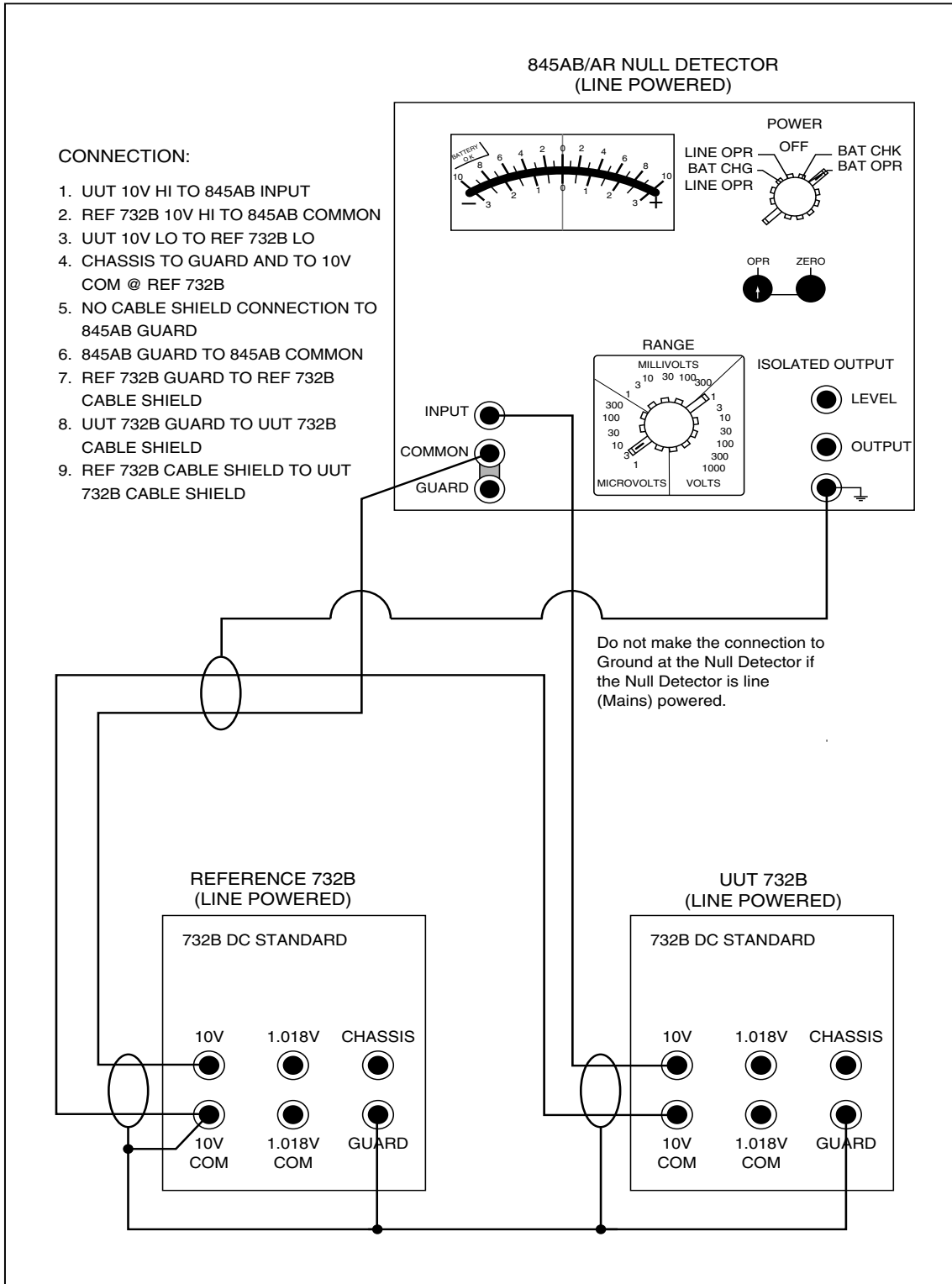


Figure 5-1. 10V Output Calibration Connections

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## Change #2

On page 2-4, replace the second Caution with the following:

### **⚠ Caution**

**To prevent instrument damage, verify that a 3/16 A, 250 V SLOW BLOW fuse is installed. No other rating or type of fuse is acceptable.**

## Change #3 56727

On page 1-9, replace the paragraph after **Line Regulation** with the following:

The outputs will change no more than 0.05 ppm for any 10 % line voltage change or for the entire operating range of the battery.

Input power-conditioning equipment to ensure elimination of transient noise and voltages should be used to obtain stated stability specifications of the voltage standard. Stability specifications apply to measurements when using well-conditioned ac mains, dc voltage or internal batteries.

## Change #4, 66944

Following the **Limited Warranty** page, remove the **Electromagnetic Compatibility** section.

On page 1-9 remove the **Compliance to Standards** section. Replace the **Line Power Requirements** with:

**Electromagnetic Environment** .....IEC 61326-1: Controlled  
**Safety** .....61010-1: CAT II, Pollution Degree 2

### *Line Power Requirements*

The ac input module on the rear panel has four line voltage settings: 100 V, 120 V, 220 V, and 240 V. Each voltage setting has a voltage tolerance of ±10 % and accepts line frequencies of 47 Hz to 63 Hz.

732B Line Voltage Setting	Line Voltage Accepted	Frequency Accepted
100V	90 V to 110 V	47 to 63 Hz
120V	108 V to 132 V	47 to 63 Hz
220V	198 V to 242 V	47 to 63 Hz
240V	216 V to 264 V	47 to 63 Hz

## Change #5

On page 3-16, under **Monitoring Oven Temperature**, replace the last sentence in the first paragraph with:

The TC (temperature coefficient) of the thermistor is approximately -2 kΩ per °C.

## Change #6, 370

On page 5, under **Safety Terms in this Manual**, remove the first sentence in the first paragraph.

On page 1-9, replace the *Output Protection* section with:

All outputs can be shorted indefinitely without damage to the instrument. Applying voltages to the output terminals may result in damage, changes in output voltages, and/or changes in stability of the dc standard.

On page 2-4, under the second **Caution**, replace the second sentence with:

Each voltage setting has a voltage tolerance of  $\pm 10\%$  and accepts line frequencies of 47 Hz to 63 Hz.

On page 2-5, section **2-5**, add a **Caution** prior to the paragraph text:

### Caution

**To prevent personnel injury, lift or move by at least two of the four handles. The 734A can weigh up to 30.4 kg (67 lb).**

On page 3-7, Table 3-2, replace item 7 with:

7	Line Voltage Selector	Allows selection of four ac line voltage settings, 100, 120, 220, and 240 V, each with a tolerance of 10 %. The accepted line frequencies are 47 Hz to 63 HZ.
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# Change #7, 196

On page 6-15, replace Figure 6-2 with:

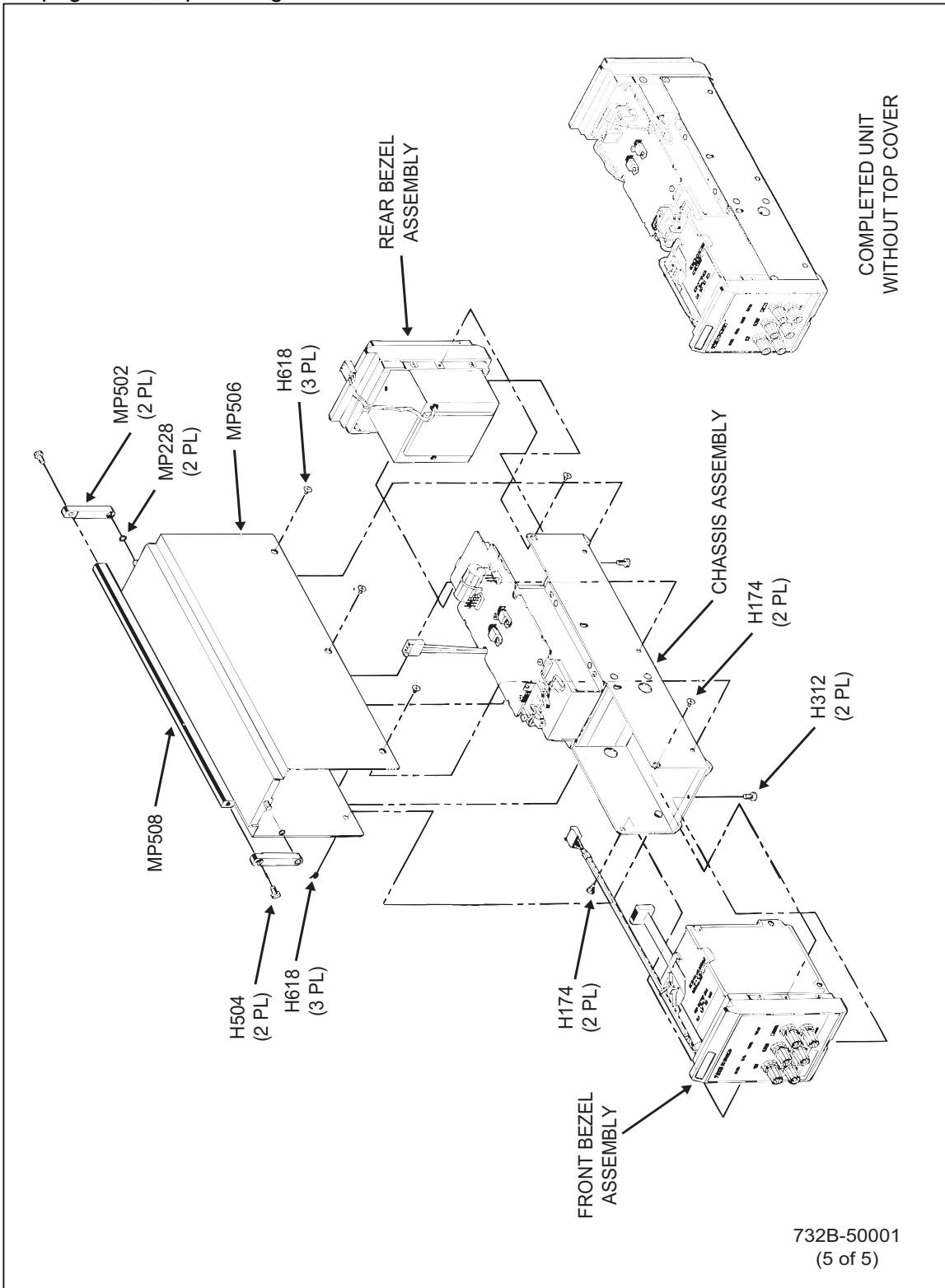


Figure 6-2. 732B DC Standard