

# Contrast Control Potentiometer Installation

PN 160965

The following instructions are for the installation of the Contrast Control Potentiometer into the 920i Weighcenter.



Figure 1. Contrast Control Potentiometer Installed

1. Remove the screws to remove the front bezel from the weighcenter frame.



Figure 2. Remove Front Bezel

2. Drill a 25/64" hole in the front bezel at 3/4" under the power switch.

 **Note** A 3/8" bit will work if you ream the hole with the bit.

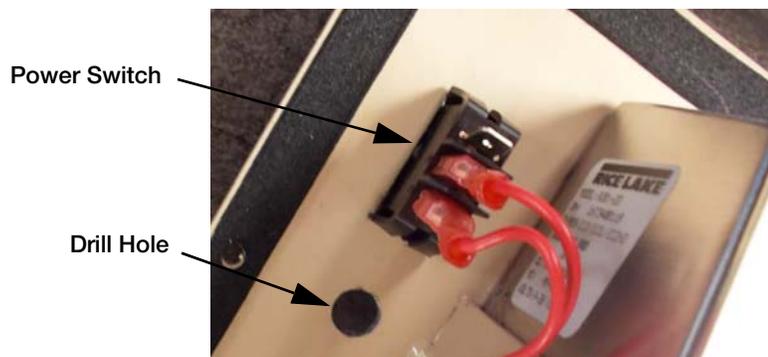
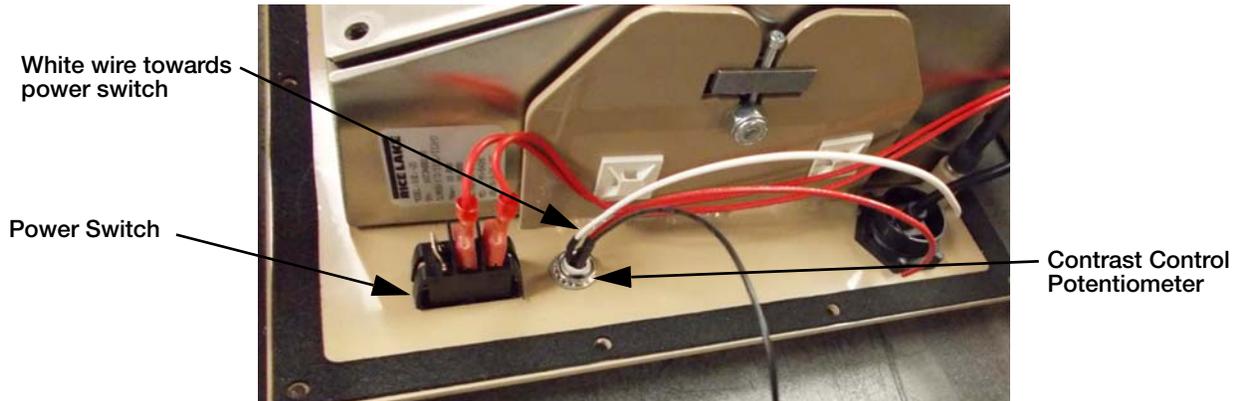


Figure 3. Drill Hole

3. Insert the potentiometer into the hole and tighten down with 1/2" wrench.

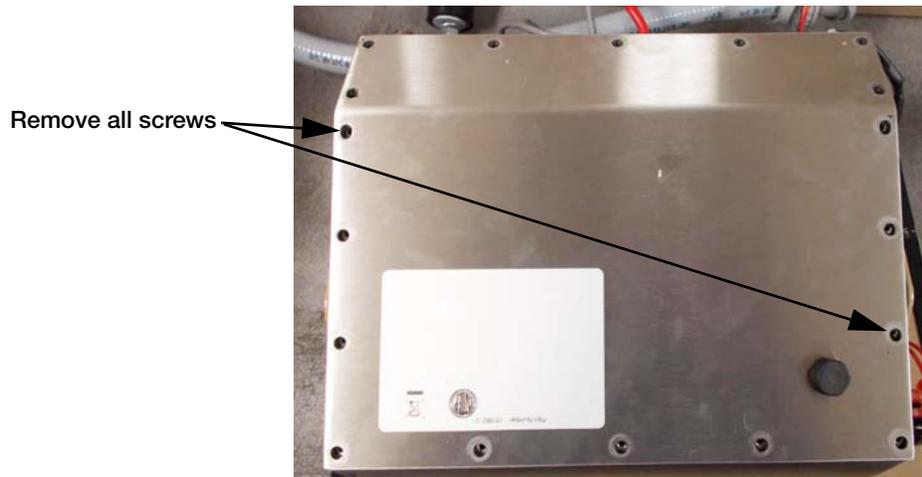


**Note** Ensure the white wire is oriented towards power switch as shown.



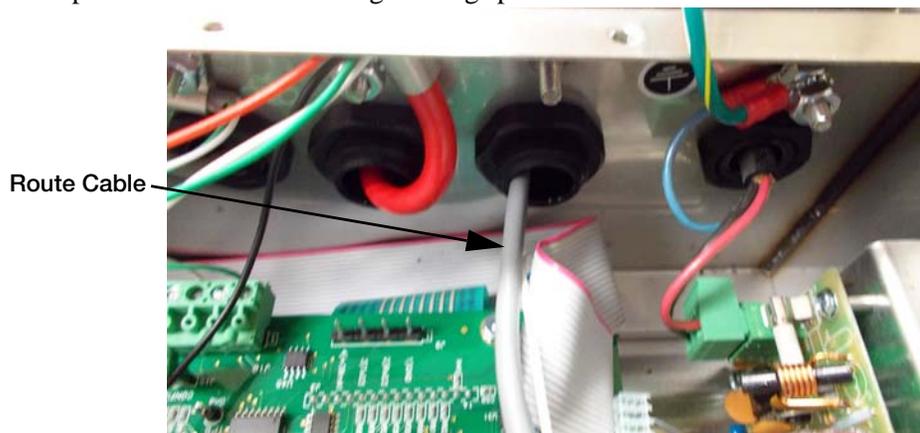
*Figure 4. Install Contrast Control Potentiometer*

4. To remove back plate, remove the screws securing the it to the indicator.



*Figure 5. Remove Indicator Back Plate*

5. Route the 8-pin connector cable through cord grip.



*Figure 6. Route Wiring Through Cord Grip*

6. Locate J14, J16, J17 on the CPU board and remove the black jumpers.

Remove Jumpers

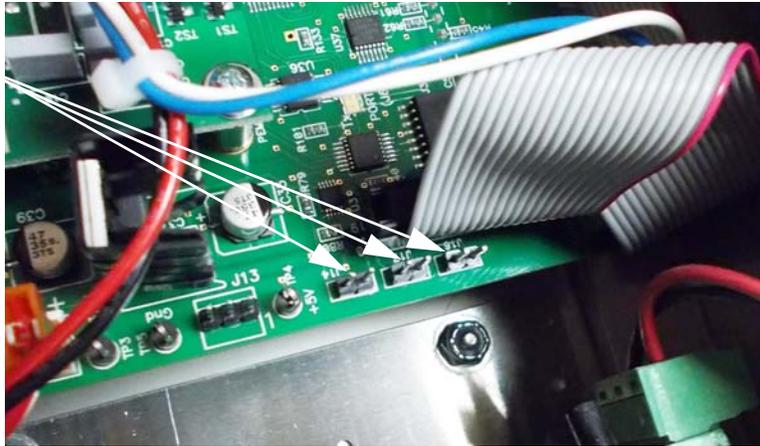


Figure 7. Locate and Remove Jumpers

7. Install the 8-pin connector as shown in Figure 8 making sure red wire is on Pin 1 of J14.

Connector - Red wire on pin1 of J14

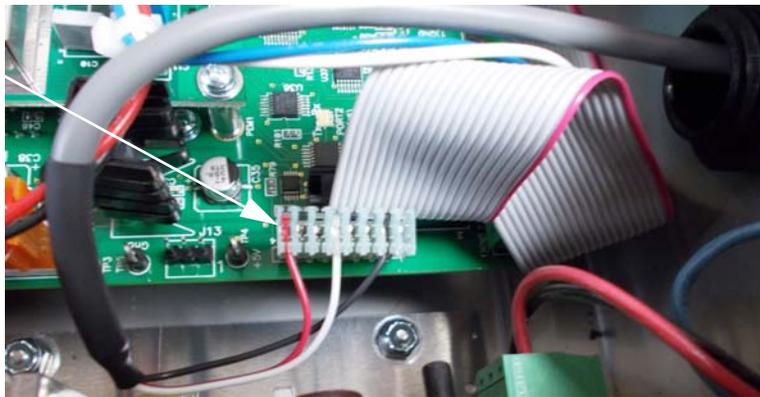


Figure 8. Eight Pin Connector

8. Using the splice taps, connect the wires from the potentiometer to the wires from the connector, see Figure 9.

- Red to red
- White to white
- Black to black

Red to red

White to white

Black to black

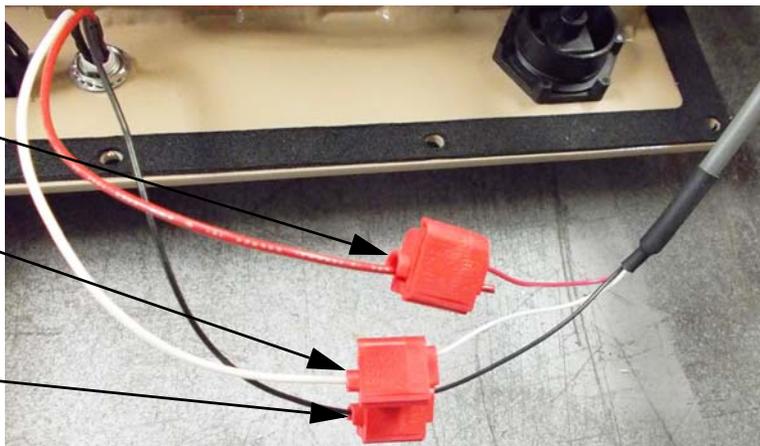


Figure 9. Connect Wires

9. Gather wires and wire tie the cable to the anchors.

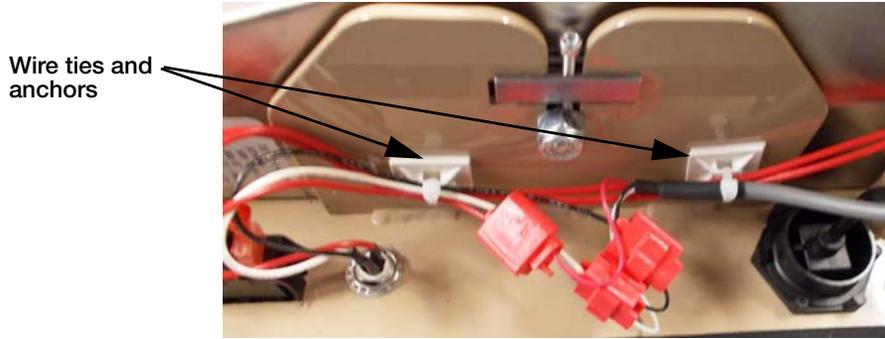


Figure 10. Secure Wires

10. Tighten cord grip and reassemble the unit.

11. Power unit up and verify the contrast potentiometer functions.



Figure 11. Contrast Control Potentiometer Installed

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