

920i® Indicator

Display Kit Installation

Kit Part Numbers

- Display, LCD Module 920i – PN 186275: Transmissive, with LED backlight, wires are red and black
- Display, LCD Module 920i – PN 186276: Transflective, with LED backlight, wires are red and black
- Display, LCD Module 920i – PN 164371: Transmissive, with CCFL backlight, wires are pink and white
- Display, LCD Module 920i – PN 164375: Transflective, with CCFL backlight, wires are pink and white

Refer to the 920i Installation Manual (PN 67887) for information on opening and closing the indicator.



Manuals can be viewed or downloaded from the Rice Lake Weighing Systems website at www.ricelake.com/manuals



WARNING *The procedure described in this addendum requires work inside the indicator enclosure. This procedure should be performed by qualified service personnel only.*

Before opening the unit, ensure the power cord is disconnected from the outlet.

Display Compatibility

Check for compatibility when replacing the display:

- Green CPU boards (PN 67612 or 109549), with circuitry for a CCFL backlight display
- Blue CPU boards (PN 180902), with circuitry for an LED backlight display

When replacing the CCFL backlight display with an LED backlight display on a green CPU board, a new power supply wire harness must also be installed. This wire harness is installed between the Power Supply and the CPU board. This wire harness includes an extension to supply voltage to the LED backlight display.



Note *The new, blue CPU board is not compatible with fluorescent CCFL backlight displays. Use caution if ordering a replacement display to ensure correct CPU board and display compatibility.*

Rice Lake recommends replacing the fluorescent backlight display with an LED backlight display. A new power supply wire harness must also be installed during this replacement as listed below:

<u>Models</u>	<u>AC Power</u>	<u>DC Power</u>
Universal.....	186464	186464
Deep Universal	186278	187603
Panel mount models.....	186278	187603
Panel mount/Deep Universal –Two-slot expansion.....	188717	189425
Wall mount.....	186760	188345
Wall mount – Two-slot expansion.....	188716	189424
Wall mount – Six-Slot expansion.....	188774	N/A



Note *The blue CPU board, PN 180902 (Purchased as PN 186272), does not require the mentioned Power Supply wire harness when installing an LED backlight display.*

Backlight Replacements

- CCFL backlight PN 159946
- LED backlight PN 187677

Note Replacement backlights are available for displays with suffix WRUS and IQSS.

The backlights are interchangeable between the CCFL and the LED displays if the display has a suffix of WRUS or IQSS. Remove the two push pins and slide the backlight module out from under the display screen.

Modify Green CPU Boards - CCFL Displays

Modification of the green CPU board is required for CCFL backlight displays

Note CPU boards, Rev L and earlier, require a modification to limit the electrical current supplied to the CCFL backlight. See Figure 1.

For Boards Rev H, J, K, L: place tinned jumper wire (supplied) between the two solder pads located on either side of the word **HIGH**, see Figure 1. Ensure insulation covers the vertical trace that the jumper crosses.

For Boards Rev D, E, F, G: place tinned jumper wire (supplied) between the two solder pads located above the battery, closest to the dotted silk screen, see Figure 1.

Note Jumper Wire is not needed for Board Rev M.

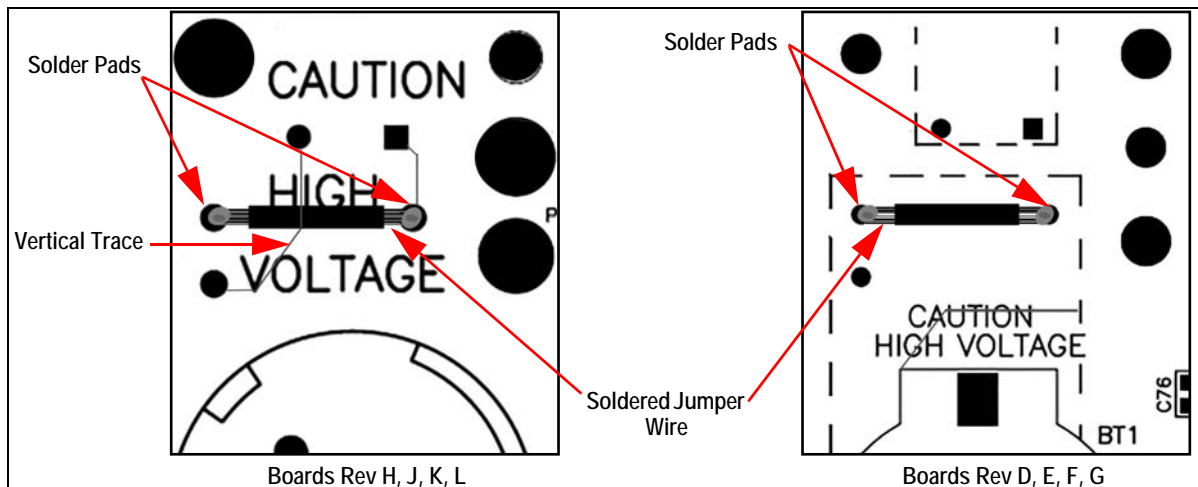


Figure 1. Tinned Jumper Wire Placement

IMPORTANT

Do not use a soldering iron higher than 40 watts.
It is not necessary to add extra solder to the wire.

For video instructions on this process, please visit www.ricelake.com.



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