920i® Indicator

Display Kit Installation

Transmissive Blue, PN 164371
Transflective Gray, PN 164375

To maximize the life of the backlight, this display requires a modification to the CPU board. This modification limits the electrical current supplied to the backlight by the display inverter.

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.

Kit includes

- Display
- Tinned Jumper Wire

Refer to the 920i Installation Manual (PN 67887) for information on opening and closing the indicator. Manuals can be viewed and downloaded from **www.ricelake.com/manuals.**

Remove bottom press pin from the Mylar cover plate by using needle nose pliers to push it out from the back of the device. Rotate the Mylar cover plate to expose the solder pads of the circuit.

Figure 1. Remove Bottom Press Pin from Mylar Cover Plate

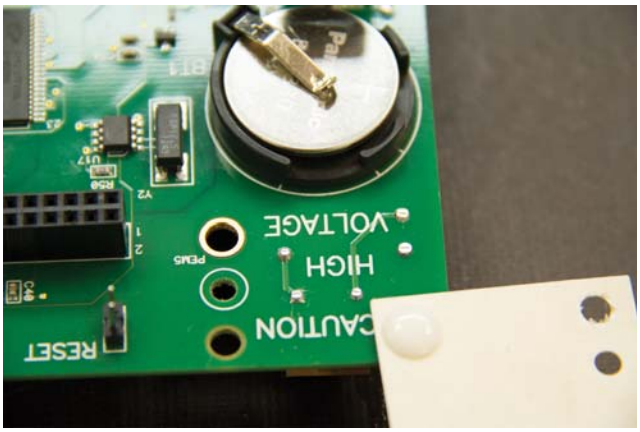

Figure 2. Rotate Mylar Cover Plate

Note ***Rev L board pictured above.***

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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 3. Care must be taken to 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 4.

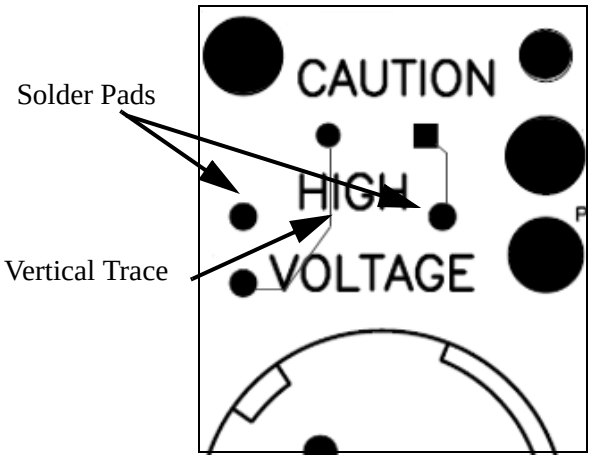

Figure 3. Tinned Jumper Wire Placement for Boards Rev H, J, K, L

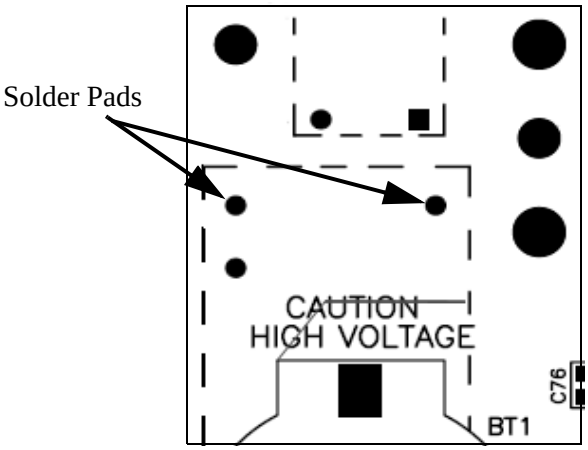

Figure 4. Tinned Jumper Wire Placement for Boards Rev D, E, F, G

2. Attach the wire to the solder pads by lightly heating each end of the wire with a 20-40 watt soldering iron.

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

3. Let cool for a few seconds.

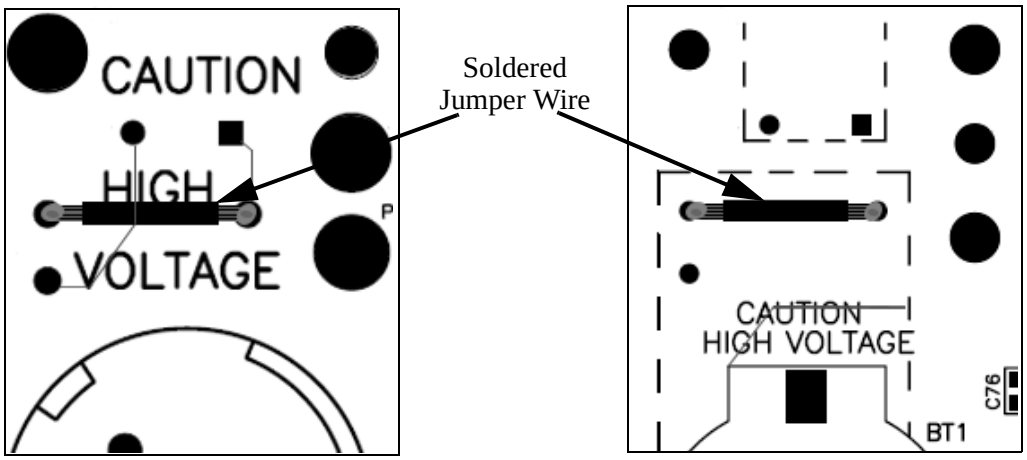

Figure 2. Solder the Jumper Wire

4. Rotate the Mylar cover plate back and replace the push pin.

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

Note ***Replacement backlights are available for displays with suffix "WRUS."***