

Power Harness Conversion

This addendum provides information about how to convert the power harness of a 920i, with a green CPU board, to power an LED back-lit display. 920i units with blue CPU boards do not need the conversion kit to connect an LED back-lit display.



Manuals and additional resources are available from the Rice Lake Weighing Systems website at www.ricelake.com

Warranty information can be found on the website at www.ricelake.com/warranties

The 920i Power Harness Conversion Kit (PN 200642) contains:

- Tap connectors (2)
- Conversion wire assembly (1)
 - LED back-lit display connector
 - Black conversion wire
 - Green conversion wire with a resistor

Conversion Procedure

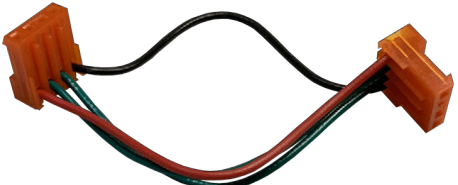

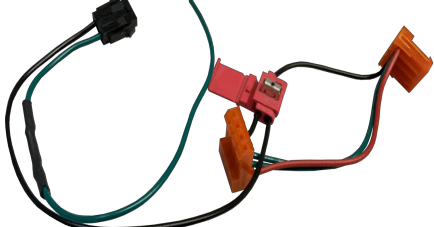
To convert the 920i power harness to power the LED back-lit display, see the following procedure:

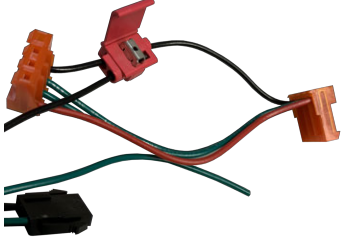

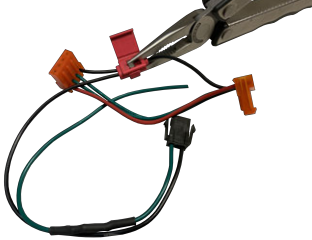

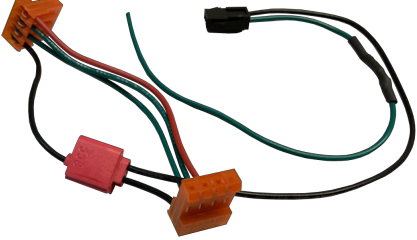




CAUTION Disconnect the 920i from all power sources before opening the enclosure.



Note Removing the 920i power harness from the enclosure increases the ease of installation for the conversion kit.

 <p>Figure 1. Separate the Black Power Wire</p>	<p>1. Separate the black power wire on the 920i power harness.</p>
 <p>Figure 2. Place First Tap Connector</p>	<p>2. Place one tap connector on the black power wire and ensure the black power wire runs through the open half of the tap connector.</p>
 <p>Figure 3. Insert Black Conversion Wire Into Tap Connector</p>	<p>3. Insert the black conversion wire into the closed side of the tap connector. Ensure the black conversion wire is entirely within the tap connector.</p>

 <p>Figure 4. Lift the Tap Connector Cover</p>	<p>4. Secure the tap connector by lifting the cover to prevent the black power wire from falling out.</p> <p> Note <i>The tap connector should snap into place when lifted.</i></p>
 <p>Figure 5. Press the Metal Clip Down</p>	<p>5. Press the metal clip all the way down through the wires using pliers.</p> <p> Note <i>Ensure the black conversion wire is fully inserted into the tap connector.</i></p>
 <p>Figure 6. Close the Tap Connector</p>	<p>6. Press firmly down on the tap connector cover until cover snaps into place.</p>
 <p>Figure 7. Complete 920i Power Harness Conversion</p>	<p>7. Repeat the previous steps to connect the green conversion wire to one of the green ground wires of the power harness.</p> <p> Note <i>Do not tap both green ground wires.</i></p>



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