To make the 920i programmable weight indicator/controller even more robust and further extend its life, Rice Lake Weighing Systems is now manufacturing the 920i with enhanced display and CPU boards. These changes offer several benefits and are essential to ensure availability of components needed to continue manufacturing the 920i in the future.

Enhanced Displays

As of February 1, 2018, Rice Lake began manufacturing the 920i with a technologically improved LED backlight display. While this change may go unnoticed, it affects the replacement part process.

If a 920i was built prior to February 1, 2018, and needs a replacement display, Rice Lake recommends replacing the old fluorescent backlight display with a new LED backlight display.

**Important Changes to 920i Display & CPU Board**

A new power supply cable must also be installed during this replacement:

<table>
<thead>
<tr>
<th>Display Type</th>
<th>AC Power</th>
<th>DC Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal models</td>
<td>186464</td>
<td>186464</td>
</tr>
<tr>
<td>Deep Universal model</td>
<td>186278</td>
<td>187603</td>
</tr>
<tr>
<td>Panel mount models</td>
<td>186278</td>
<td>187603</td>
</tr>
<tr>
<td>Wall mount models</td>
<td>186760</td>
<td>188345</td>
</tr>
<tr>
<td>Two-slot expansion for Wall mount models</td>
<td>188716</td>
<td>189424</td>
</tr>
<tr>
<td>Two-slot expansion for Panel mount or Deep Universal models</td>
<td>188717</td>
<td>189425</td>
</tr>
<tr>
<td>Six-Slot expansion for Wall mount</td>
<td>188774</td>
<td>N/A</td>
</tr>
</tbody>
</table>

LED backlight display part numbers:

- LED backlight display board (transmissive) : 186275
- LED backlight display board (transflective) : 186276
- LED backlight only : 187677

Please note, fluorescent backlight displays are temporarily available if an upgrade to LED is not desired. CPU boards compatible with fluorescent backlights are also temporarily available.
Enhanced CPU

As of June, Rice Lake started implementing a new CPU board in the 920i. This updated board (PN 186272, blue in color for easy identification) is compatible with firmware version 4.0 and above, and offers the following benefits:

- Updated power regulation for 5V and 3.3V supplies
- Merged analog, digital and chassis grounding to new industry standard
- Increased transient voltage protection
- Improved signal integrity
- Digital power conditioner for safe shutdown in unreliable power environments

The new CPU board is not compatible with fluorescent backlight displays, please use caution when ordering replacement parts.

Quick Compatibility Guide

- **LED display**
  - Part#: 186275, 186276, 187677
  - Red & black wire assembly
  - New CPU
    - Blue Board
  - No compatibility issues

- **LED display**
  - Part#: 186275, 186276, 187677
  - Red & black wire assembly
  - Prior CPU
    - Green Board
  - New Power Cable
    - See table on front for cable part number
  - No compatibility issues

- **Fluorescent Display**
  - Part #: 164371, 164375, 159946
  - Pink & white wire assembly
  - Prior CPU
    - Green Board
  - No compatibility issues

- **Fluorescent Display**
  - Part #: 164371, 164375, 159946
  - Pink & white wire assembly
  - New CPU
    - Blue Board
  - The new CPU board is not compatible with fluorescent backlight displays.