



Important Changes to 920i Display & CPU Board

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.



LED backlight display part numbers:

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



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

	AC Power	DC Power
Universal models	186464	186464
Deep Universal model	186278	187603
Panel mount models	186278	187603
Wall mount models	186760	188345
Two-slot expansion for Wall mount models	188716	189424
Two-slot expansion for Panel mount or Deep Universal models	188717	189425
Six-Slot expansion for Wall mount.....	188774	N/A



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



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.

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