

820i™ and 920i® Programmable HMI Indicator/Controllers

Memory Expansion Card Installation

Use the following procedure to install memory expansion option (PN 67600) in 820i and 920i indicators:



Disconnect power before removing indicator backplate.

Use a wrist strap to ground yourself and protect components from electrostatic discharge (ESD) when working inside the indicator enclosure.

1. Disconnect indicator from power source.
2. Place indicator face-down on an anti static work mat. Remove screws that hold the backplate to the enclosure body.
3. Carefully align the large option card connector with connector J5 or J6 on the 920i CPU board, or J6 on the 820i CPU board. Press down to seat the option card in the CPU board connector.
4. Use the screws and lock-washers provided in the option kit to secure the other end of the option card to the threaded standoffs on the CPU board.

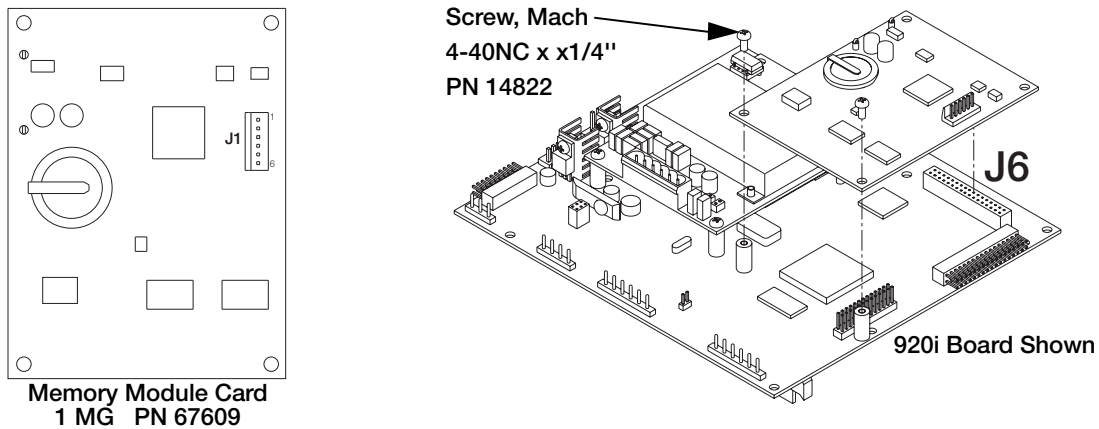
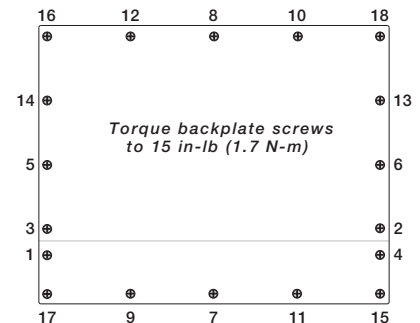


Figure 1. Installing Option Card (PN 67609) onto a CPU Board

5. Make connections to the option card as required.
6. Use cable ties to secure loose cables inside the enclosure.
7. Position the backplate over the enclosure and reinstall the backplate screws. Use the torque pattern to prevent distorting the backplate gasket. Torque screws to 15 in-lb (1.7 N-m).
8. Ensure no excess cable is left inside the enclosure and tighten cord grips.
9. Reconnect power to the indicator.

The indicator automatically recognizes all installed option cards when the unit is powered on.



Memory Card Battery

Periodically check the battery voltage on installed memory option cards. Batteries should be replaced when the battery voltage falls to 2.2 VDC. Life expectancy of the battery is ten years.



Note All database information stored on a memory card is lost if the memory card battery fails.



CAUTION

Risk of explosion if battery is replaced with incorrect type. Dispose of batteries per manufacturer instruction.

Specifications

1MB, non-volatile SRAM with supervisory write protection

3V high-density lithium battery



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