

178802A Cable Installation and Use

A new FMU bulkhead power connector (Syntech part number 178802A) with a power receptacle has been introduced (see **Figure 1**). At some point, it will become standard equipment on all FMUs. The serial number of the FMU first receiving it as standard equipment will be published in a revision to this product bulletin.

There are some optional devices which will need a power supply connected to a power receptacle. This cable may be sent as a component of the kit which requires it. This connector replaces the 178802 cable which carries power straight through from the bulkhead connector to the power management board connector.

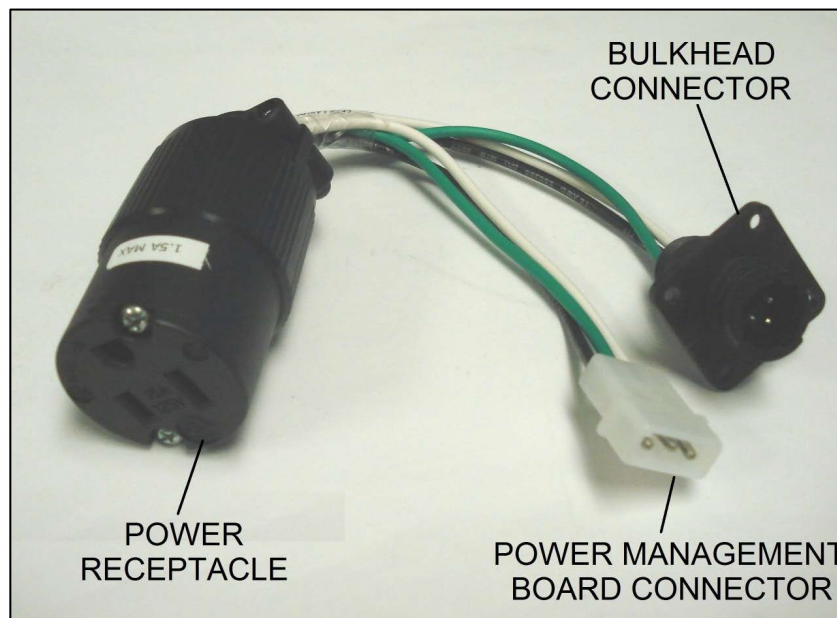


Figure 1. 178802A Cable with Power Receptacle

The 178802A cable is rated for a maximum current load of 1.5 amps. Power to the cable passes through a 4-amp fuse. Starting current for most devices may be expected to be as much as 3 times the running current.

If additional power receptacles are required, an outlet box must be installed and wired into the incoming FMU power (before the 4-amp power fuse). Do not plug multi-outlet adapters into the 178802A power receptacle.

Installation.

Installation is very simple. It entails removing the 178802 cable and installing the 178802A cable. Perform the following (see **Figure 2**):

1. Open the FMU upper cabinet and pedestal doors.
2. Turn off the FMU power switch.
3. Remove the FMU pedestal upper access panel (just over the toggle switches).

4. Below the bulkhead panel, disconnect the 198439-power cable from the bulkhead power connector.
5. Disconnect the 178802 3-pin connector from the power management board receptacle.
6. The bulkhead connector is attached to the bulkhead with four 0.112-40 x ½ inch screws and self-locking nuts. Use a ¼ inch nutdriver/socket and a hex wrench to remove the four nuts and screws.
7. Remove the 178802 cable.
8. Position the 178802A cable bulkhead power connector in the bulkhead, and reattach the four 0.112-40 x ½ inch screws and self-locking nuts.
9. Reconnect the 3-pin connector to the power management board receptacle.
10. Reconnect the 198439-power cable to the bulkhead power connector.
11. Reattach the FMU pedestal access panel.
12. Turn on the FMU power switch.
13. Close the FMU upper cabinet and pedestal doors.

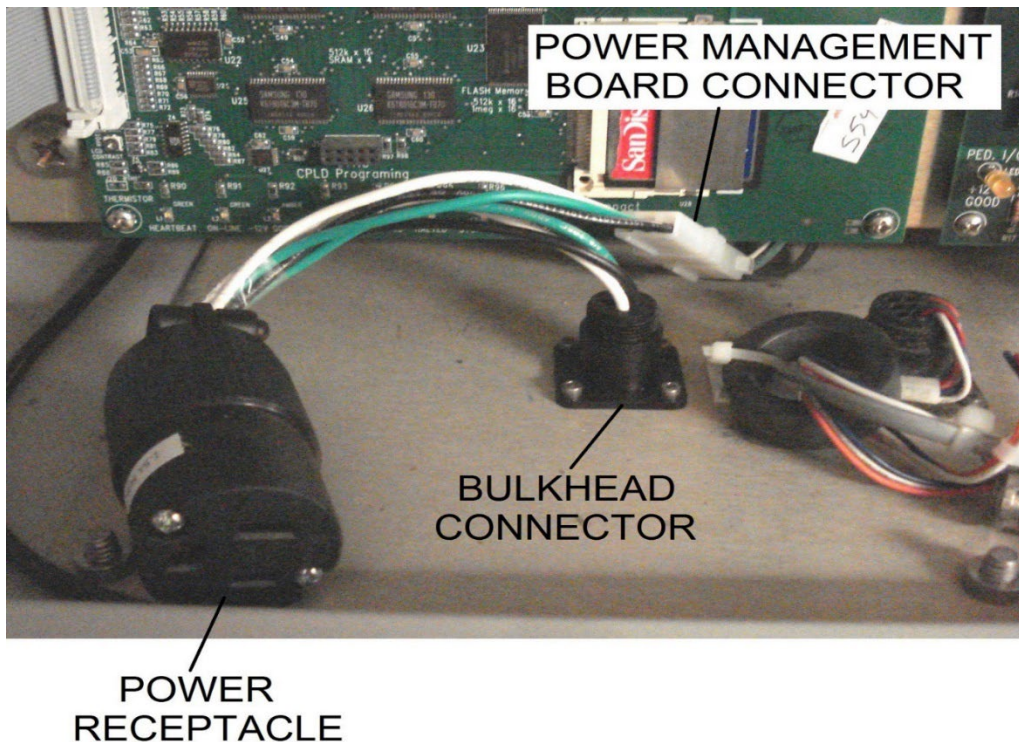


Figure 2. 178802A Cable Installed

TIP

If any questions arise, contact Syntech Systems, Inc.'s Customer Satisfaction Center (CSC) at 1-800-888-9136, ext. 2, or email support@myfuelmaster.com.