

Changing the Input Voltage of an 1100 from 110 Vac to 220/240 Vac

1. If you have a program in the unit that you would like to have saved, save the contents of the program memory using a PC running the Builder software.
2. Remove power connections to the unit!

-WARNING-

DISCONNECT POWER FROM THE UNIT BEFORE ATTEMPTING TO OPEN UP THE UNIT. OPERATING ON A LIVE UNIT WILL CAUSE DAMAGE AND VOID THE WARRANTY.

3. Carefully unscrew the top two screws and each of the screws on the side of the unit.
4. Lay the unit face down on a soft, clean surface with the screen down.
5. Disconnect the power cord from the Unit.
6. Open the unit like a book and disconnect the following connectors: J12, J3, J6, and J7, plus any option module connected to J2. (See Diagram 1) **(Note: Be careful with J12 as this is the backlight connection to a large capacitor that may still have a charge on it.)**
7. Carefully, so as not to damage the paper connecting traces, remove the six screws which hold the communications board onto the sheet metal back cover. Place the sheet metal back cover to the side.
8. Remove the six screws which connect the main board to the front casting. Place the front casting to the side.
9. Locate W8 on the board. It should be between the transformer and the small paper trace J11.
10. Flip both boards over as a single unit being careful not to damage the paper traces.
11. Remove the solder from all four points on W8. This is best accomplished with a solder sucker. Carefully flip the boards back over again.
12. Solder a jumper from pin 2 to pin 4 on W8
13. Reattach the main board to the front casting. Replace all six screws. Do not cinch down screw too tight.
14. Carefully reattach the communications board with the com ports poking thru the can. Replace the six screws that hold the board in place. Cinch down screws only to snug fit.
15. Reattach the internal cabling to J12, J3, J6 and J7 also reconnect any option modules that need to be connected to J2.
16. Close the sheet metal back cover down onto the front casing.

17. Reattach all screws before reapplying power to test unit.

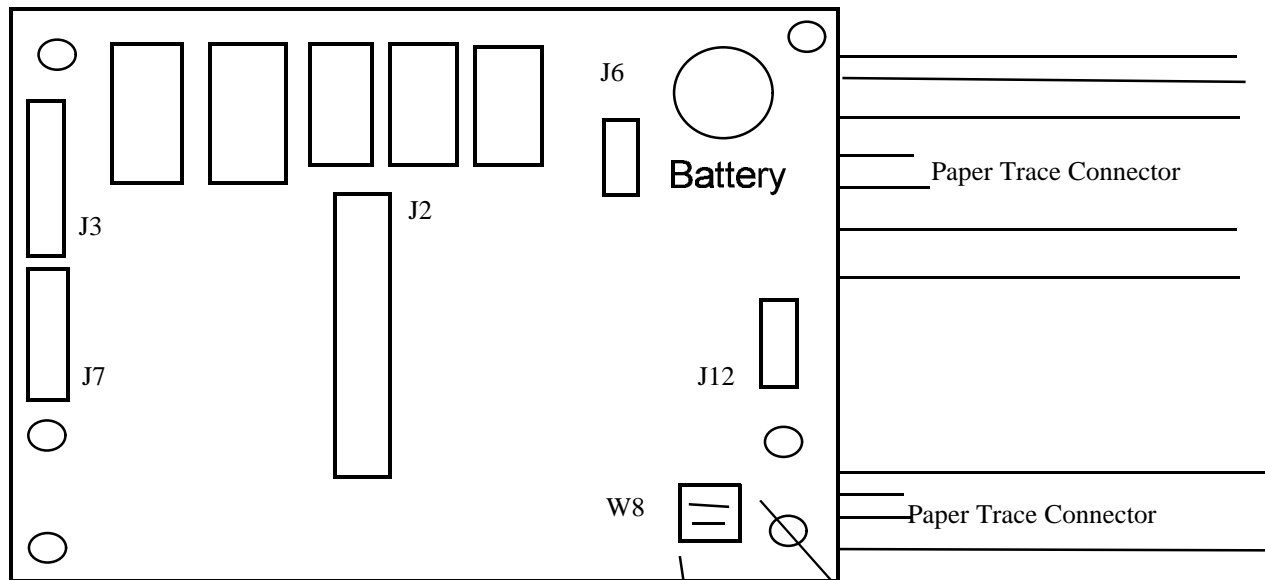


Diagram 1. (The Main Board)

