



# SERVICE BULLETIN # 00046

201 INDUSTRIAL BOULEVARD • KEARNEYSVILLE, WV 25430

Phone: (304) 728-7056 • Fax: (304) 725-6579 • Toll Free: (800) 931-9214

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REVISION: 04

**SUBJECT:** Installation of Circuit Board (110V Iron Ferrite Ass'y)

**MODELS:** Merlin 2000 Venders

KIT NUMBER	KIT DESCRIPTION
011103	Circuit Board Kit (110V Iron Ferrite Ass'y)



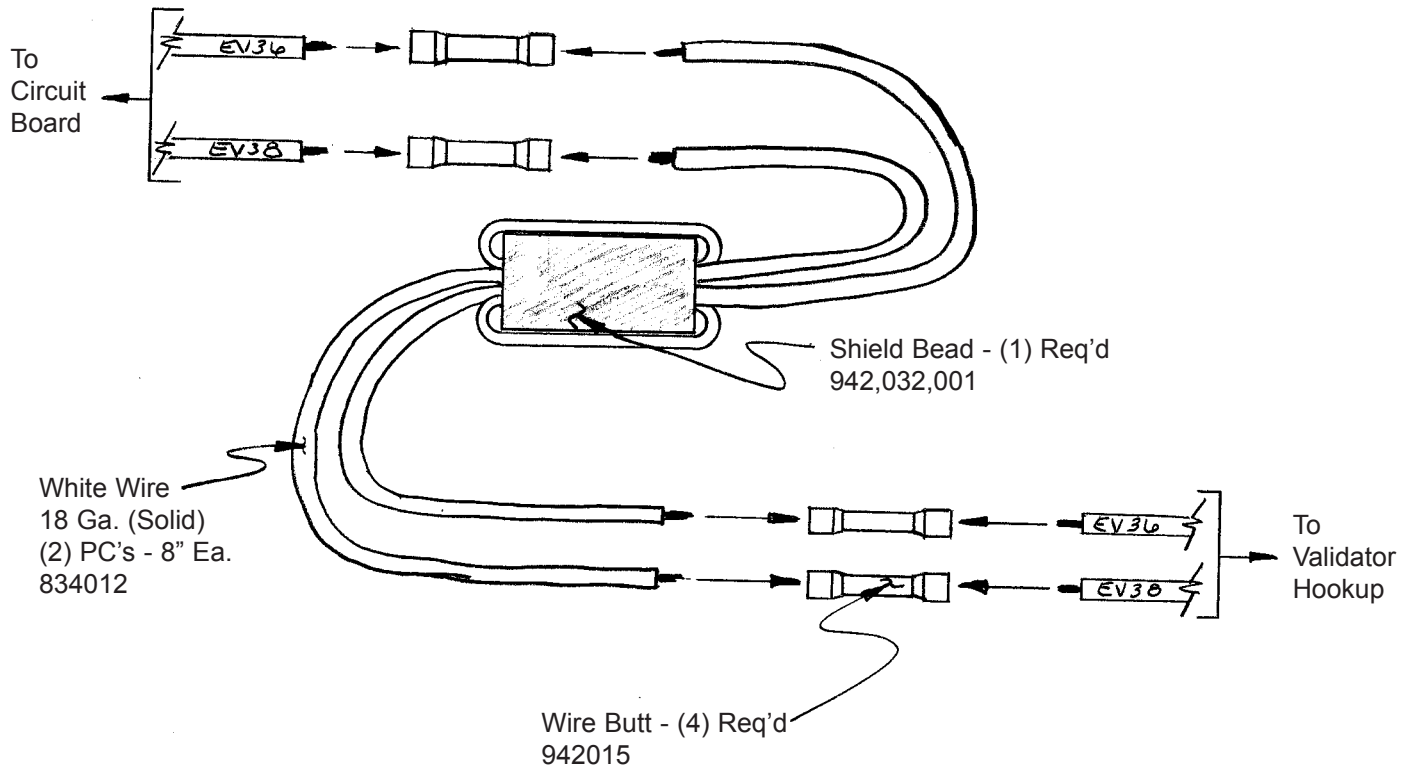
The following areas of this vender contain voltage, which can cause serious injury or even death. The main power cord, supplying 110 VAC to the evaporator, EMI filter, and refrigeration system. The power line from the EMI filter to the ballast and transformer. The ballast can produce upwards of 600 volts. Remove power from vender before working in any of these areas.

**BEFORE WORKING ON VENDER:** Remove power from vender by unplugging vender's main power cord from the AC voltage power source (wall outlet).

## INSTRUCTIONS:

1. Locate wires EV36 and EV38. (These are running from the vend motor circuit board receptacle 13 and 14 to the validator hook-up on the changer plug bracket.)
2. Cut tubing and wires. Strip wires approximately 1/4".
3. Using butt connectors, insert one wire to one side of the connector while connecting one wire from the iron ferrite assemble to the other end.

**Note:** Make sure wires match up on either side of the iron ferrite assembly, crimp and test to make sure the wires will not come loose.



**ANY QUESTIONS??? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT  
CALL TOLL FREE (800) 931-9214**