



SERVICE BULLETIN # 00057

201 INDUSTRIAL BOULEVARD • KEARNEYSVILLE, WV 25430

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PAGE: 1 of 2

DATE: 6-19-02

REVISION: 06

SUBJECT: Fuse Box Assembly, Vend Motor Circuit

MODELS: Merlin 2000, Merlin III

KIT NUMBER	KIT DESCRIPTION
012165	Fuse Box Assembly (With Leads) For Venders without Fuse Box
012166	Fuse Box Assembly (Less Leads)



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.

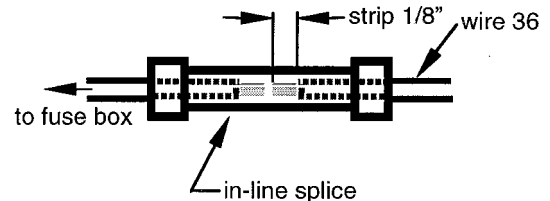
REASON FOR FIX:

It is important to have a fuse in the vend motor circuit to protect the control board in the event of a shorted vend motor or shorted vend motor harness.

INSTRUCTIONS:

FUSE BOX ASSEMBLY WITH LEADS (012165)

1. Remove power to vender (or door) to prevent electrical shock.
2. Locate the 110VAC "HOT" wire in the vend motor harness board connection (should be identified as wire number 36).
3. Find a suitable place for locating the "Fuse Box Mount" bracket (P/N 099538) shown in illustration on the following page. **Note:** It is advised that the bracket be mounted in a position that is suitable to the length of wiring (near to wire 36) and to the opening of the fuse box.
4. Scribe the two holes to mount the fuse box. Using a 1/8" drill bit drill the two holes.
5. Using the two #8-32 sems screws (P/N 901011) attach the "Fuse Box Mount".
6. Cut the 110VAC "HOT" wire found in step #2 in a convenient location located near to the "Fuse Box Mount". Strip each end of the 110VAC "HOT" wire at the location of the cut.
7. Use the harness attached to the fuse box and crimp one of the two wires (with the provided "In-Line Splice") to one end of the "cut" wire. Shown above. Connect and crimp the other "fuse box wire" to the other end of the "cut" wire.
8. Restore power (Vend from a selection. This will acknowledge 110VAC power to motors)



**ANY QUESTIONS??? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT
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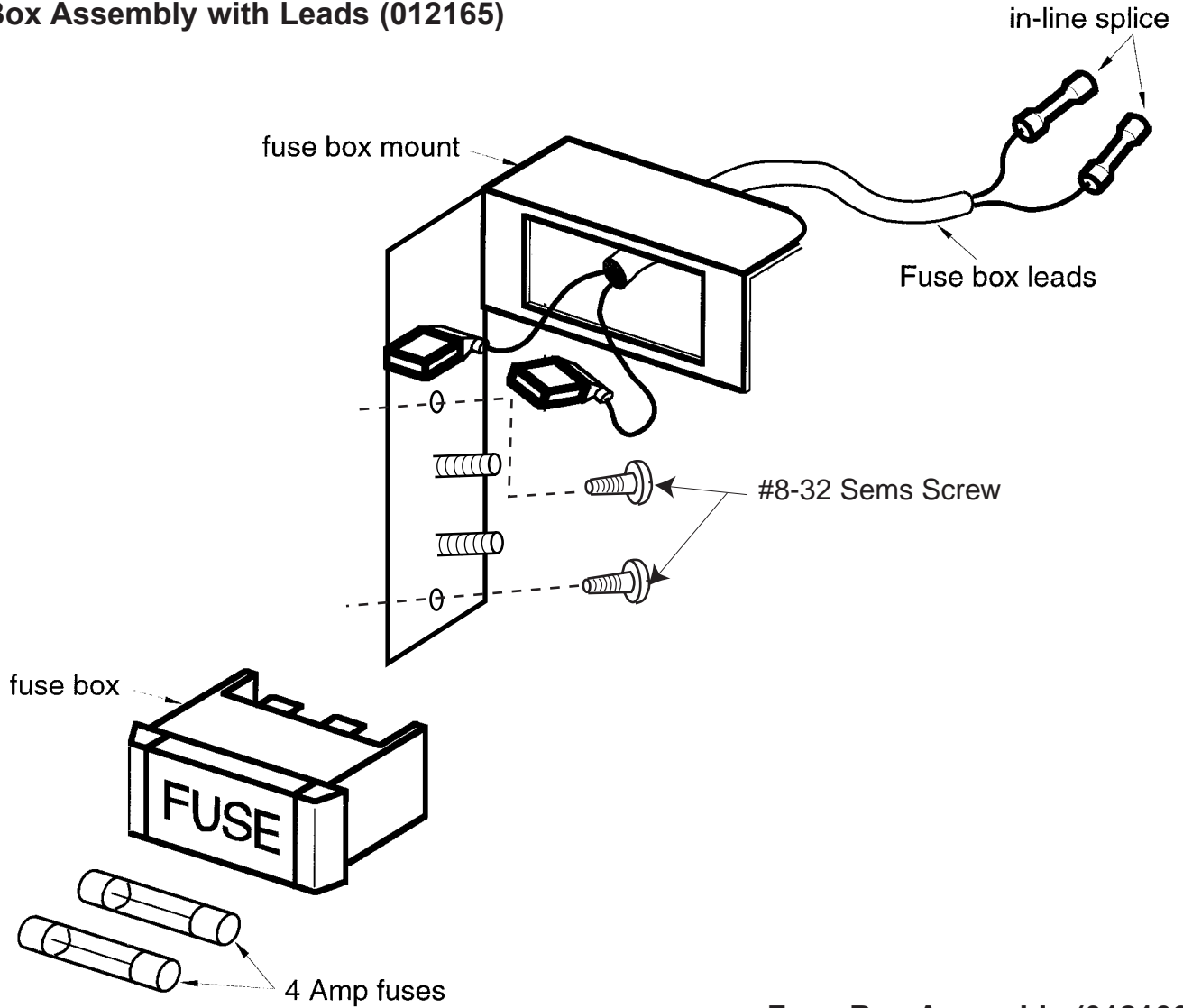
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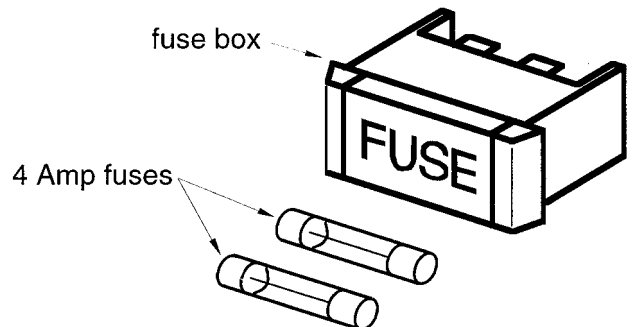
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Fuse Box Assembly with Leads (012165)



Fuse Box Assembly (012166)



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