

Dixie-Narco®



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Service Bulletin # 248

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MODELS: Prior DNCB Models

SUBJECT: EMS Kit for Coca-Cola DNCB Models.

REASON: To make a EMS Kit available to those customers who wish to install the Kit on DNCB models which were produced less the EMS wiring harness.

ORDER AS: B/M324,010,500.04 - EMS Kit

KIT CONSISTS OF:

1	C804,901,800.31	- Main Wiring Harness
1	B904,901,810.01	- Power Lead (Polarized)
1	C324,070,300.13	- Vems Harness with 9 Way Plug for Module
1	904,800,530.01	- Tap Connector
2	902,300,830.02	- Nylon Crimp-On Wire Nuts
4	900,301,700.01	- 6-32 x 3/8 Sems Screw to Mount Box
2	900,301,500.01	- #8 Self-Drilling Screw
1	B803,816,090.01	- Wiring Diagram
3	901,901,060.01	- Cable Tie

IMPORTANT: To complete the EMS Kit, the following must be ordered from Coca-Cola USA, Atlanta, Georgia.

1. 1 EMS Module
2. 1 Battery
3. 1 EMS Relay (Essex Part #91-121006-12000)

THE CUSTOMER WILL DO THIS:

1. Remove the existing Lyall Main Wiring Haress from the vender and install the above Main Wiring Harness in its place.
2. Find the point in the vending harness near the hinge side of the door where the small power lead (black wires) goes up into the vending harness. Remove the tape from that area and find the two wire nuts. Remove the power lead and replace it with the polarized power lead above. This black two-wire lead has one wire with plain black insulation and one wire with ribbed insulation. Using the wire nuts furnished, put the lead with the plain insulation with the wires marked S2 and put the lead with the ribbed insulation with the wires marked S1. Retape the joint.
3. Plug the power lead plug into the mating socket which comes from the junction block.
4. When we make up the kit, we should put the four terminals for the EMS Relay Socket into the EMS Relay Socket. These terminals are from the Lyall Main Wiring Harness. We also put two other terminals in the coil position if the EMS Relay Socket and these are part of the EMS Harness that we make up.

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5. Push the end of the nine wire EMS Harness having two two-way mate-n-lok connectors up through the door bulkhead where the vending harness goes up through. The two coil wires from the EMS Relay Socket will follow the vending harness from the cabinet to the door and there is one additional wire coming off the Lyall Junction Block which will also follow this harness from the junction block to the door. These wires can be taped to the vending harness.
6. Connect the wire marked "RD" to the single black wire that came from the junction block. These are provided with male and female push-on connectors.
7. Find the wire marked "CT" which is in pin 8 of the existing vending harness nine-way cap and connect the wire marked "GRY" from the EMS Harness to this "CT" wire using the red tap connector furnished.
8. Disconnect the two-way mate-n-lok sign plug from its existing power supply and connect it to the two-way socket marked 3 of the EMS Harness using the socket that was just disconnected from the sign lead, connect it to the plug marked 2 of the EMS Harness.
9. Mount the EMS Module with the nine-way socket down on the door stiffener plate as far towards the hinge side of the door as you can. Use the four 6-32 x 3/8 Sems screw furnished. Plug the nine-way EMS Harness Plug into the EMS Module.
10. Push the EMS Relay into the EMS Relay Socket and then mount the relay to the side wall of the cabinet support using the two #8 self-drilling screws furnished.
11. Make sure that the EMS Module switches located under the plug on the cover of the EMS Module are set on setting #3 for Dixie-Narco Venders. The settings are shown on the EMS Module cover.
12. The battery, when used for programming the EMS Module, is place in the bulk-head above the EMS Module.