



SERVICE BULLETIN 247

426 Industrial Boulevard • Kearneysville WV 25430-2776 • USA
 Telephone: +1 304 728 7056 • technicalinquiry@royalvendors.com
 Toll-free in North America: 1 800 931 9214 • Fax: +1 304 725 4016
 Canada: +1 905 738 5777 • Mexico: +52 55 5203 6887
 Europe: +49 2158 95 1000 • Australia: +61 2 9890 5433

Page: 1 of 2

Date: 16 July 08

Revision: 02

SUBJECT: Quick Release Main Wiring Harness Kit Installation

Number of
People
Required



MODELS: Most Royal Vendors, Dixie-Narco, and Vendo models (115 VAC)

KIT DESCRIPTION

KIT NUMBER WITH GFCI

KIT NUMBER WITHOUT GFCI

Royal Vendors Quick Release MWH Kit

232148

232196

Dixie-Narco Quick Release MWH Kit

232147

232195

Vendo Quick Release MWH Kit

232146

232194

Universal Quick Release MWH Kit (includes harnessing for all three brands)

232145

232193

TOOLS REQUIRED: Phillips screwdriver, 5/16" socket, drill with 1/8" bit

ESTIMATED INSTALLATION TIME: 20 minutes



The following areas of this vender contain voltage which can cause serious injury or even death: the main power cord, supplying 115-230 VAC to the evaporator, EMI filter, and refrigeration system; the power line from the EMI filter to the ballast and transformer; and the ballast, which can produce upwards of 600 volts. Remove power from vender before working in any of these areas.

REASON FOR BULLETIN: The Quick Release Main Wiring Harness Kits are designed to replace several different Royal Vendors, Dixie-Narco, and Vendo OEM main wiring harnesses. Four kits are available for replacing the original main wiring harnesses. The Universal kit includes harnessing for all three brands (Royal Vendors, Dixie-Narco, and Vendo).



CAUTION: Before replacing the main wiring harness, remove power from the vender by unplugging the vender's main power cord from the AC voltage source (wall outlet)!

KIT INSTALLATION INSTRUCTIONS:

1. Remove the original main wiring harness assembly from the vender.
2. Remove back cover from the replacement harness assembly's junction box.
3. Install and secure the cables as illustrated on page 2. Make sure to use the correct power lead for the vender being repaired (i.e., Royal Vendors, Dixie-Narco, or Vendo).
4. Reinstall the back cover on the junction box.
5. Attach the junction box to the cabinet with the self-drilling screw supplied with the kit.
6. Attach the ground wire from the junction box to the vender's cabinet by drilling a hole and securing the wire with one of the smaller screws from the kit. **NOTE: Sheet metal screws (self-drilling, etc.) can NOT be used for grounding!**
7. Secure the main power lead with the cable clamp (supplied in kit). Install it approximately 1 1/2" (4 cm) away from the junction box. Drill a hole in the cabinet wall, and fasten the cable clamp to the cabinet using one of the smaller screws from the kit.
8. Connect the power leads to the vender's EMI filter.
9. Plug the refrigeration unit into the outlet on the junction box.
10. Properly route the refrigeration power leads up into the cabinet (for manual thermostat) or to the refrigeration relay (for electronic refrigeration on Royal Vendors equipment). Connect the leads to the thermostat or relay.
11. **Royal Vendors and Dixie-Narco equipment only:** Properly route the evaporator fan leads up into the cabinet, and connect them to the evaporator fan.
12. Connect the Quick Release whip to the main wiring harness.
13. Dress out all harnesses to ensure safe operation of all components and machine.

Note: The Quick Release MWH kits can only be used with the Quick Release whip. At no time should the harness be modified in any way by splicing or adding after-market plugs. If the harness is damaged, replace it with a new Quick Release whip (male only: p/n 842507; female and male together: p/n 842508). It is not safe to operate venders with damaged harnesses. If any other whip is installed, damage may occur to the refrigeration unit, creating a safety hazard. All warranties are void if product is not used as designed.

In an effort to provide our customers with the latest information on our equipment, Royal Vendors sends service bulletins to customers using the original ship-to address or e-mail addresses, if supplied by our customers. We also post all service bulletins on our website at www.royalvendors.com. If for any reason a vender is moved to another location or is sold to another customer other than to whom Royal Vendors originally sent the machine, it is the responsibility of the original purchaser of the vender to notify the appropriate personnel of the service bulletin.

**ANY QUESTIONS? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT
 IN NORTH AMERICA, CALL TOLL FREE 1 800 931 9214**

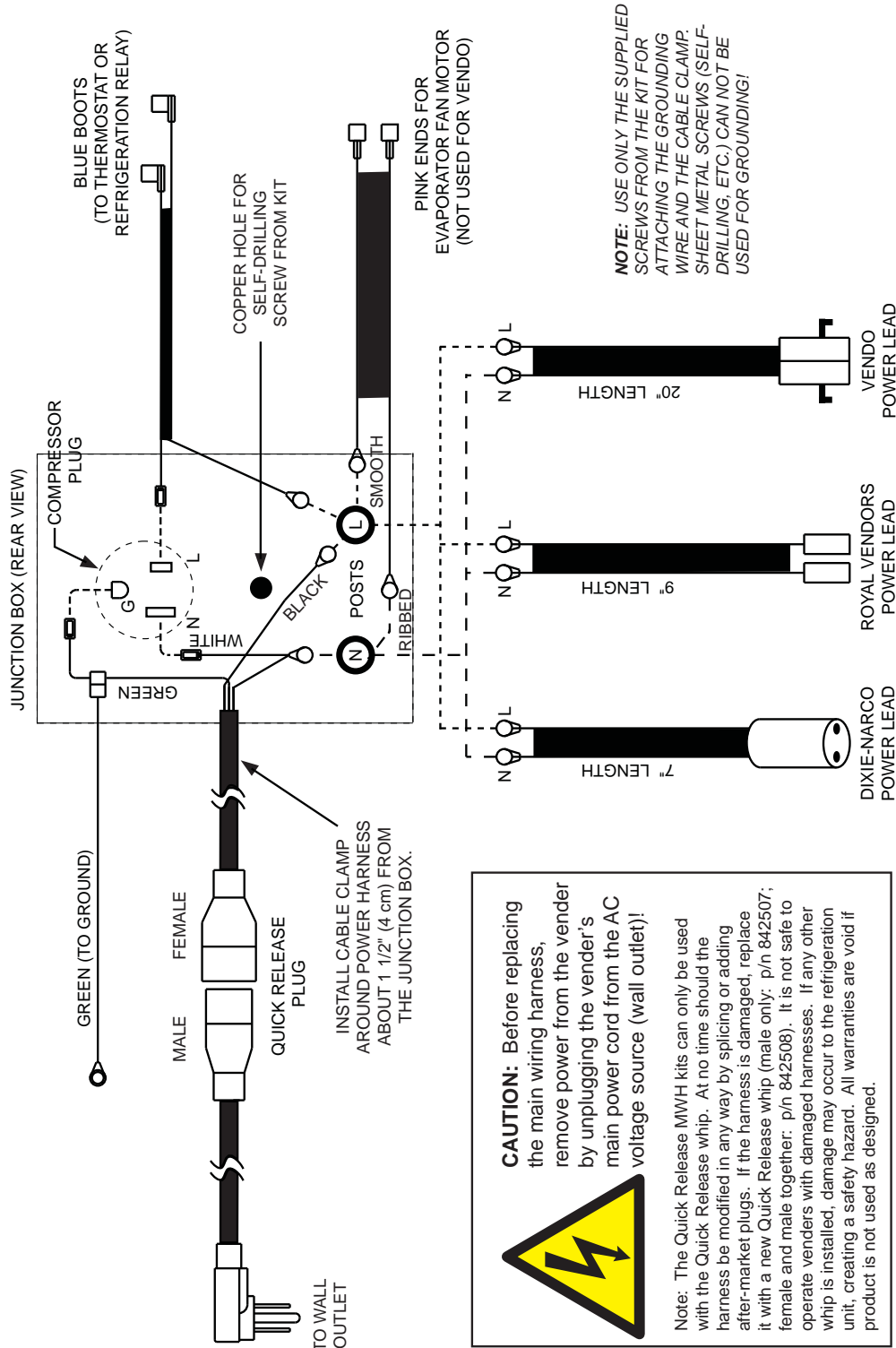


SERVICE BULLETIN 247

426 Industrial Boulevard • Kearneysville WV 25430-2776 • USA
Telephone: +1 304 728 7056 • technicalinquiry@royalvendors.com
Toll-free in North America: 1 800 931 9214 • Fax: +1 304 725 4016
Canada: +1 905 738 5777 • Mexico: +52 55 5203 6887
Europe: +49 2158 95 1000 • Australia: +61 2 9890 5433

SUBJECT: Quick Release Main Wiring Harness Kit Installation

MODELS: Most Royal Vendors, Dixie-Narco, and Vendo models (115 VAC)



ANY QUESTIONS? CONTACT ROYAL VENDORS' CUSTOMER SERVICE DEPARTMENT IN NORTH AMERICA, CALL TOLL FREE 1 800 931 9214