



SERVICE BULLETIN 364

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Date: 20 Mar 2013

Revision: 00

SUBJECT: T12 to LED Conversion Kit Installation

Number of
People
Required



MODELS: GIII venders with T12 fluorescent lighting (115 VAC, 60 Hz models only)

KIT NUMBER

KIT DESCRIPTION

231900

LED Conversion Kit, Wide Vender, Landscape

284900

LED Conversion Kit, Narrow Vender, Landscape



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, refrigeration system, monitor, and computer; the power line from the EMI filter to the ballast and transformer; and the ballast, which can produce upwards of 600 volts. Remove all power from the vender before working in any of these areas.

TOOLS REQUIRED: Screwgun with Phillips (crosshead) bit, tape measure

ESTIMATED INSTALLATION TIME: 30 minutes

PURPOSE: This bulletin explains the process for converting old T12 fluorescent lighting to a newer LED lighting system in the GIII venders.

LANDSCAPE VENDER INSTALLATION INSTRUCTIONS (Refer to Figure 1):

1. Remove power by unplugging the vender's power cord from the AC voltage source (wall outlet).
2. Remove the fluorescent tubes from the door.
3. Remove all components of the existing lighting system from the door (light sockets, brackets, ballast, wiring, etc.).
4. Install the bottom lamp brackets on the top of the bottom bulkhead, directly in line with the old lamp brackets.
5. Measure from the top edge of the bottom bulkhead of the door 46.00" (117.0 mm). Make a mark at this location.
6. Connect the loose white wire in the assembly to the upper right lamp bracket. (Refer to Figure 2 for a wiring diagram.)
7. Install the lamp panel at the location that was marked in Step 5. Secure it with four self-drilling screws from the kit.
8. Connect the LED harness to the main door harness.
9. Secure all excess wiring with wire ties.
10. Install the LED tubes.
11. Restore power by plugging the vender's power cord into the AC voltage source (wall outlet).

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
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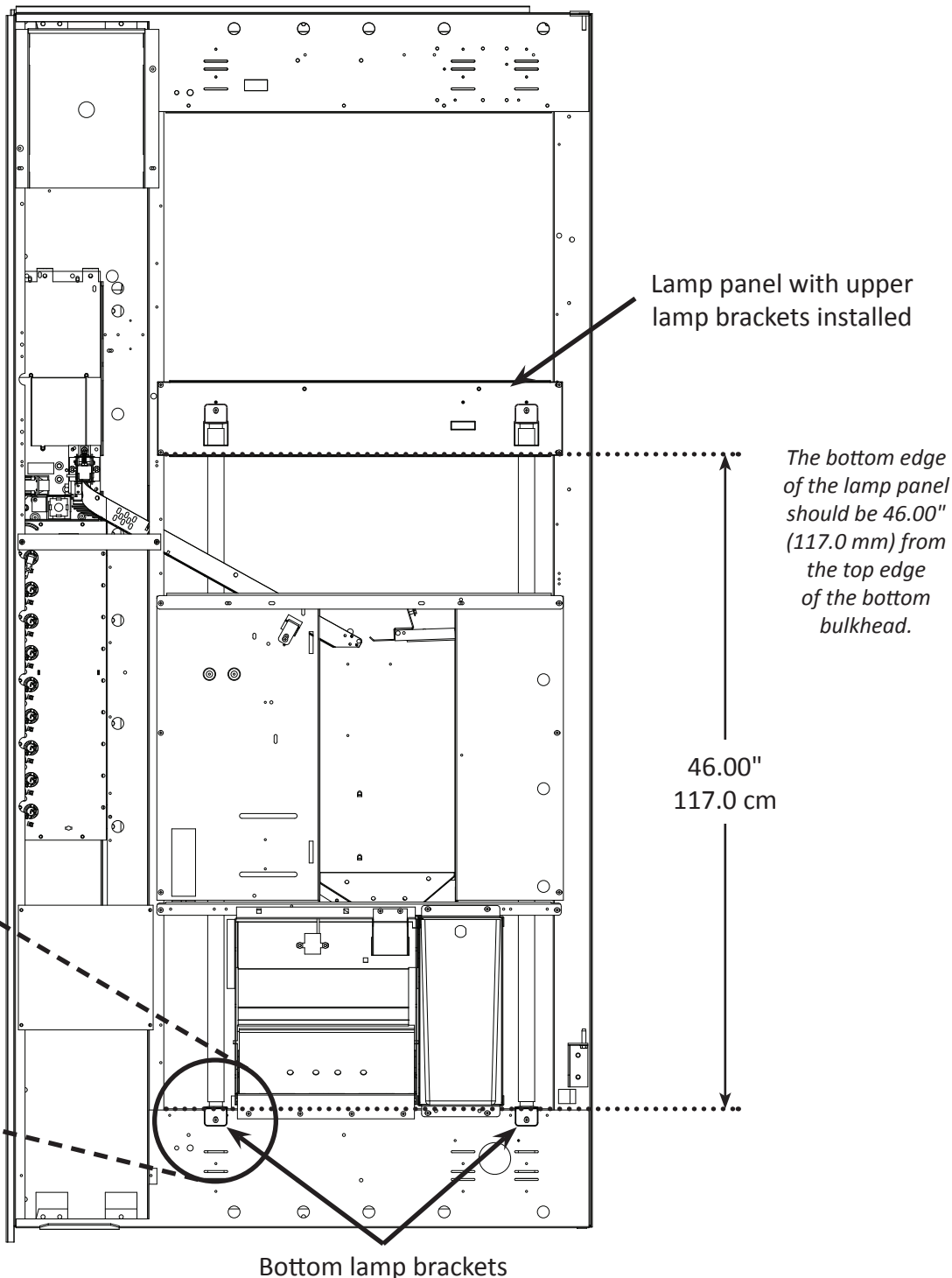
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Figure 1.

Installation of the lamp panel and the bottom lamp brackets is shown here. Prior to installing the lamp panel, the loose white wire in the assembly (from the bottom right lamp socket) will need to be installed in the upper right lamp socket. See Figure 2 for a wiring diagram.



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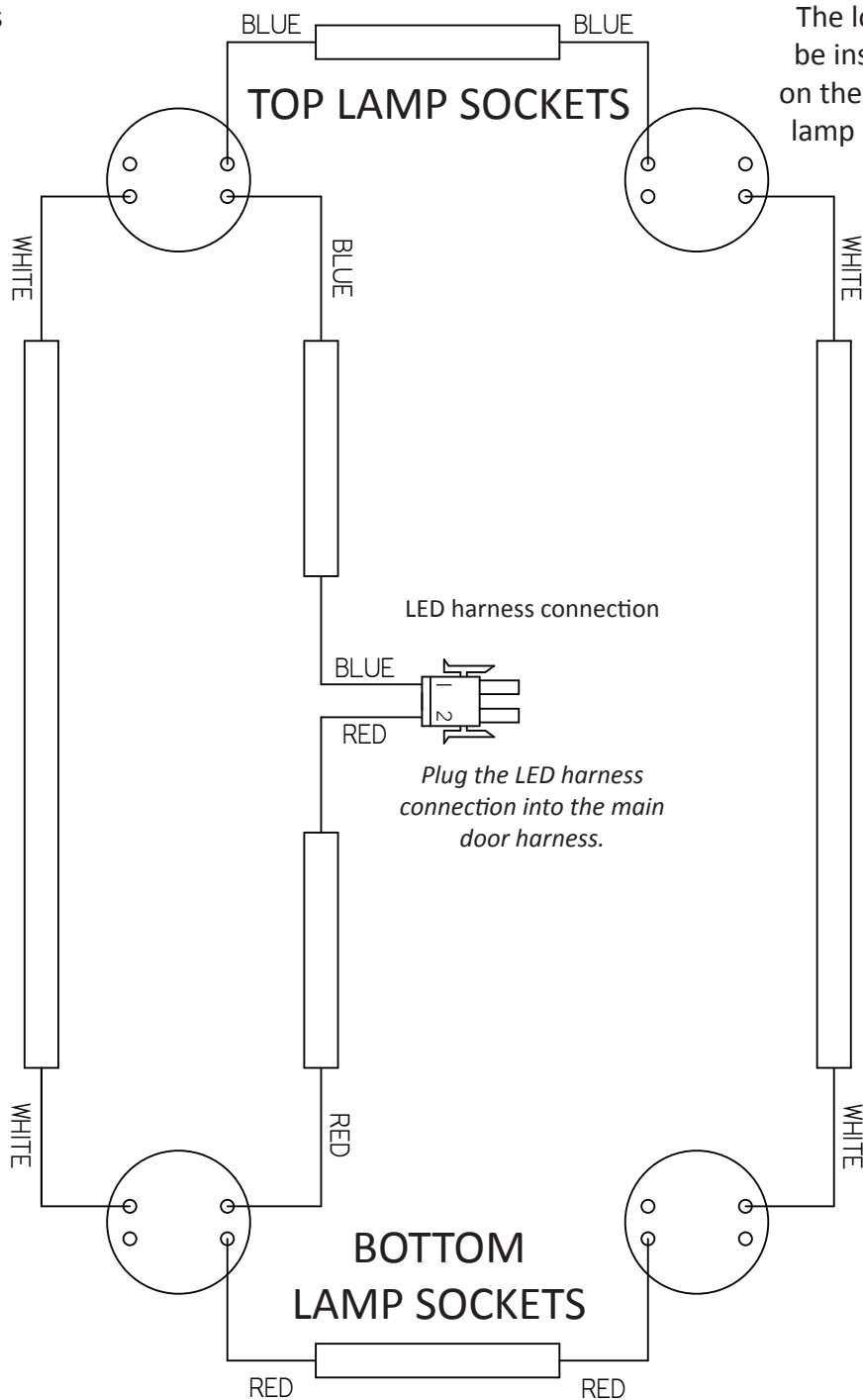
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Figure 2.

LED conversion harness wiring diagram



The loose white wire **MUST** be installed in the wire hole on the right of the upper right lamp socket, as shown here.

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