



SERVICE BULLETIN # 00248

426 INDUSTRIAL BOULEVARD • KEARNEYSVILLE WV 25430-2776 • USA
Phone: (304) 728-7056 • Fax: (304) 725-6579 • Toll Free: (800) 931-9214

PAGE: 1 of 3
DATE: 4-20-04
REVISION: 00

SUBJECT: Installation of the RVV Milk Conversion Kit

of People
Required



MODELS: RVV

Kit Number

Kit Description

337199

Milk Conversion Kit - RVV

TOOLS REQUIRED: 3/8" socket, drill with Phillips screw bit

ESTIMATED INSTALLATION TIME: 20 minutes

REASON FOR BULLETIN: Before loading perishable items in the Royal Vision Vender (RVV), a health safety sensor must be installed and enabled. This bulletin describes the proper procedure for installing the RVV Milk Conversion Kit, which includes this health safety sensor.

INSTALLATION INSTRUCTIONS:

Note: Before working on vender, remove power to it by unplugging the vender's main power cord from the AC voltage source (wall outlet).

1. Remove the inner and refrigeration doors (cabinet side), and the harness retainer (door side). (See Figures 1 and 2.)
2. Using the two self-drilling screws supplied in the kit, attach the sensor bracket to the top of the cabinet section. It should be approximately 4 1/2" (114 mm) from the right-side edge of the cabinet to the edge of the clip, and it should be about half-way from the front of the cabinet to the back. (See Figure 1.)
3. Slide the health sensor into the bracket.
4. Route the health sensor harness as follows (refer to Figures 1 and 2):
 - Through the upper refrigeration section, ensuring that it does not touch any moving parts;
 - Through the wiring cover plate section (between upper and lower refrigeration sections);
 - Through the bottom of the cabinet over to the wiring bundle;
 - Through the wiring bundle, into the door;
 - Behind the transformer box; and
 - Along with the rest of the wires leading up to the control board along the left-hand side of the door (under the harness retainer).
5. Plug the end of the health sensor harness to the pigtail on the temperature sensor harness, as shown in Figure 2.

Note: Some early-production units may require an adapter harness between the pigtail and the health sensor harness. This adapter is included in the kit.
6. With the wire ties from the kit, tie the health sensor harness to the other harnesses in the bottom of the cabinet, using the original tie-down locations.
7. Re-install the inner and refrigeration doors, and the harness retainer.
8. Affix the health timer label to an appropriate open spot on the inner door, as shown in Figure 1.
9. Enable the health sensor as follows:
 - Enter into the service mode, and scroll to "Set Refrigeration."
 - Press <enter>, and scroll to "Health Safety."
 - Press <enter>, and set it to "On."
 - Press <enter> to save the new setting.

NOTE: The Health Safety menu item is only available in software revisions 4.100 and higher. If the currently installed software is lower than revision 4.100, it will be necessary to replace the EEPROM chip (part number 836153).

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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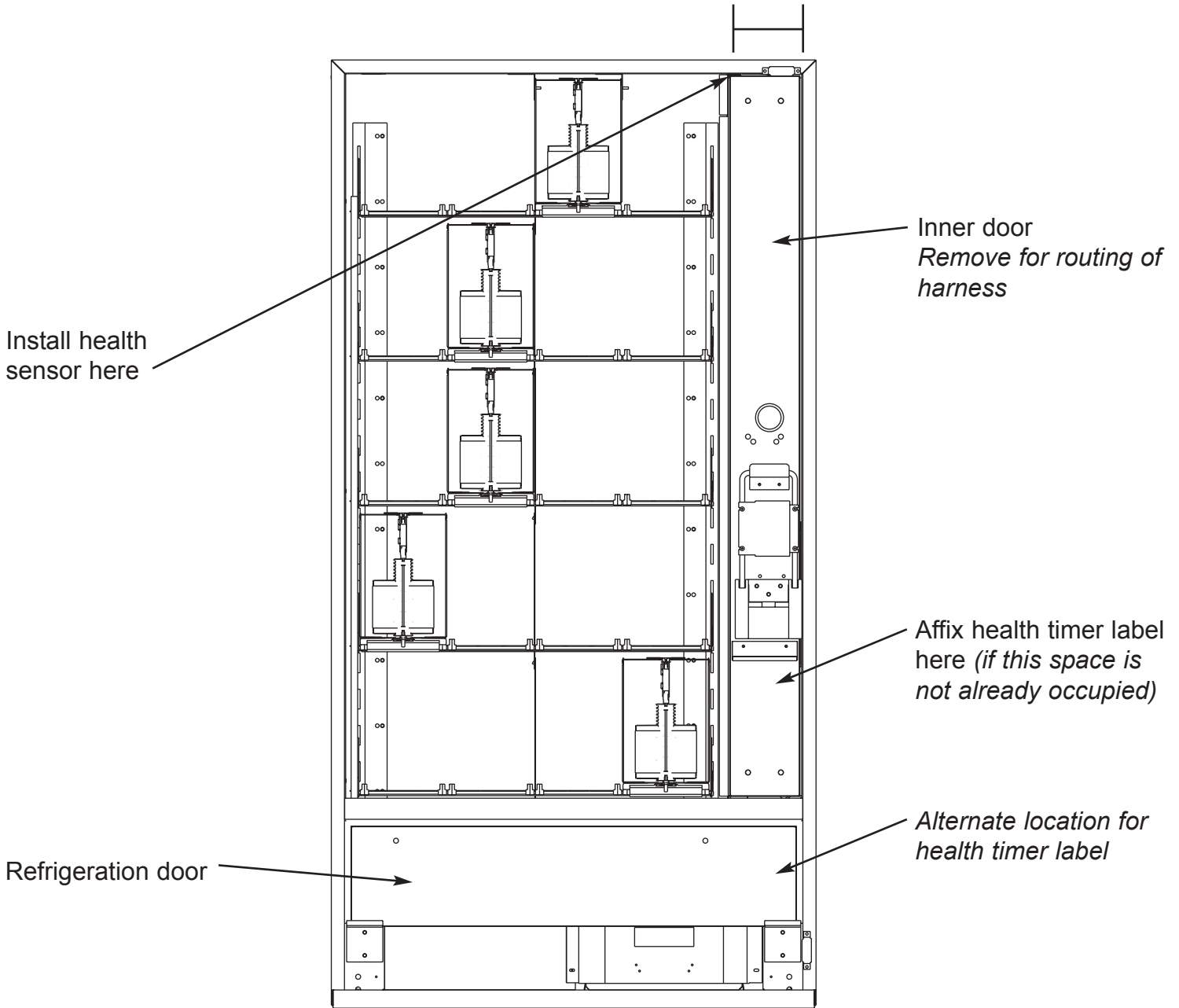
SUBJECT: Installation of the RVV Milk Conversion Kit

MODELS: RVV

Figure 1

RVV Cabinet Section

4 1/2" (114 mm) from the right side of the cabinet wall to edge of clip and about half-way from the front of the cabinet to the back



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Figure 2

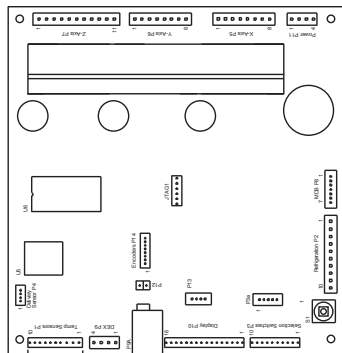
RVV Door Section

Control board

Plug health sensor harness or adapter harness into pigtail on temperature sensor harness at position P1, shown below.

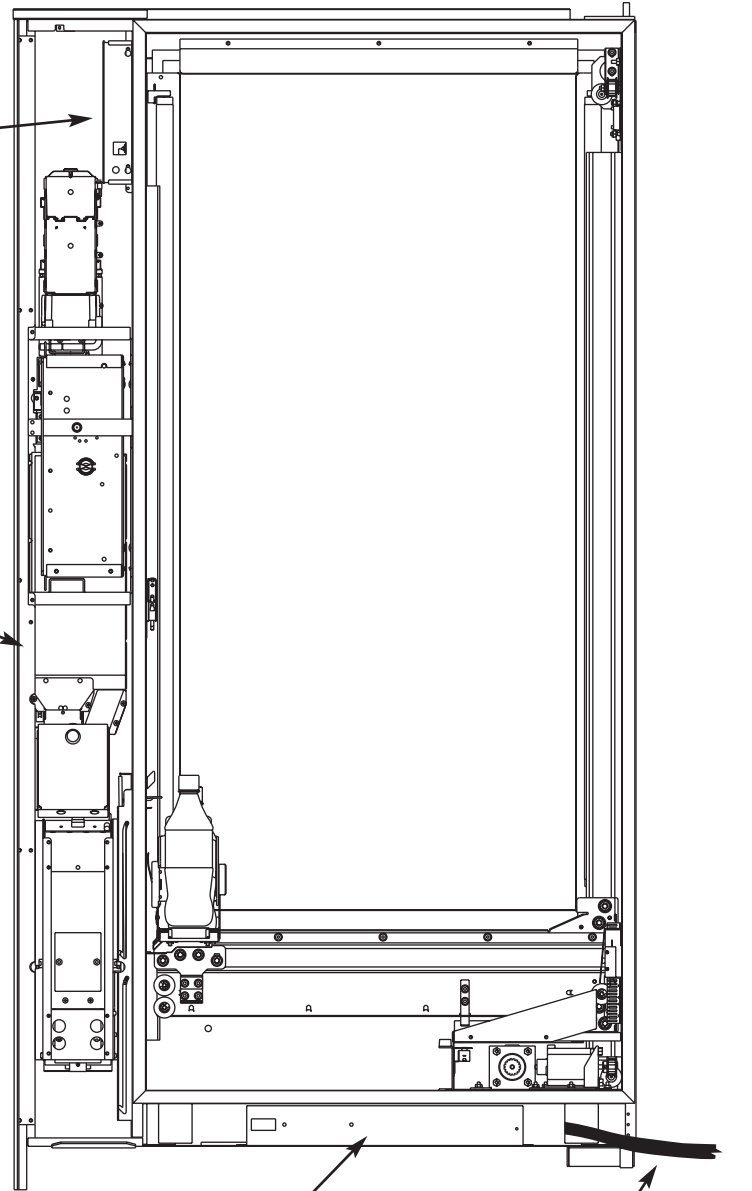
Harness retainer

Remove for sensor harness routing



Position P1

Pigtail on temperature sensor harness
Plug in health sensor harness or adapter harness here



Transformer box
Route health sensor behind this box

Wiring bundle
Route health sensor harness in this bundle

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