



# SERVICE BULLETIN 289

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Date: 3 Mar 08

Revision: 00

**SUBJECT:** Installation of the External Hole Cover Plate Kit

Number of  
People  
Required



**MODELS:** Mt Franklin RVV NG 500 venders (*Australian models only*)

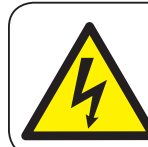
KIT NUMBER	KIT DESCRIPTION
356129	External Hole Cover Plate Kit

**TOOLS REQUIRED:** Phillips screwdriver, 7/16" (11 mm) socket, squeegee

**ESTIMATED INSTALLATION TIME:** <5 minutes

**REASON FOR BULLETIN:** Some Mt Franklin RVV NG 500 venders built in early 2008 had an incorrectly-placed mounting hole for the Harvest system aerial.

A carriage bolt was installed in the incorrect hole as a temporary measure. A kit was designed to replace the carriage bolt with a black metal cover, which is less noticeable than the carriage bolt and will not interfere with the placement of the DMC board inside the door. This bulletin describes the procedure for installing this kit.



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.

## INSTALLATION INSTRUCTIONS:

1. Remove power by unplugging the vender's power cord from the AC voltage source (wall outlet).
2. Using a Phillips screwdriver, remove the control board cover and the cover mounting bracket. (*Refer to Figure 1.*)
3. Disconnect all harnessing leading to the DMC board.
4. Using a Phillips screwdriver, remove the screws that secure the DMC board. Remove the board from the vender. Then, remove the DMC mounting plate. (*Refer to Figure 2.*)
5. Using a 7/16" (11 mm) wrench, remove the nut that secures the existing carriage bolt in the aerial hole. Remove the nut and the bolt.
6. Using a 50-50 mix of water and isopropyl alcohol, clean the surface area around the hole. (*Refer to Figure 3, steps 1 and 2.*) After cleaning thoroughly, completely wipe the area dry.
7. Remove the adhesive backing of the tape on the back of the hole block.
8. Install the hole block in place. Using a squeegee or similar device, apply pressure to the hole block so that as much of the tape adhesive as possible maintains contact with the surface of the door. (*Refer to Figure 3, step 3.*) When properly applied, the hole block will appear similar to the photograph in Figure 4.
9. Reinstall the DMC mounting plate.
10. Reinstall the DMC board, and reconnect all the harnessing to the board.
11. Reinstall the control board cover and the cover mounting plate.
12. Restore power by plugging the vender's main 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.royalvenders.com](http://www.royalvenders.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**



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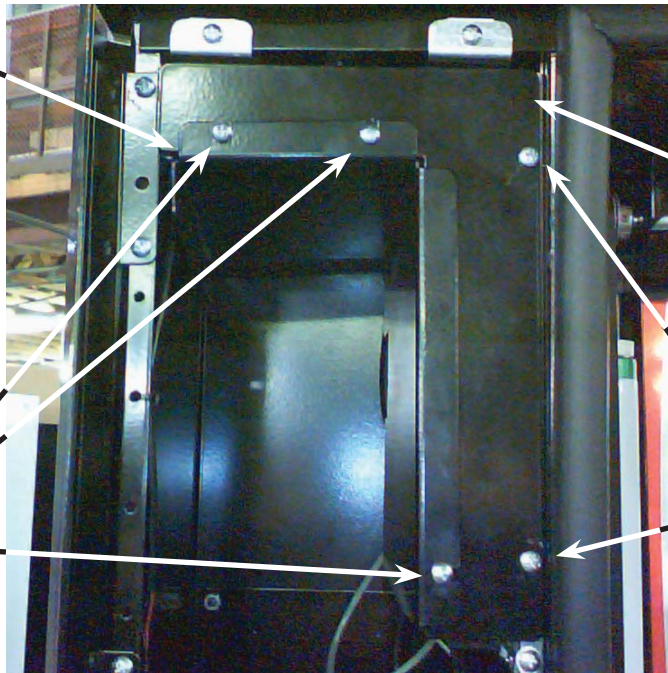
**MODELS:** Mt Franklin RVV NG 500 venders (Australian models only)

## Figure 1.

Control board cover and cover mounting bracket

Remove the board cover first. Then, remove the cover mounting bracket.

Control board cover



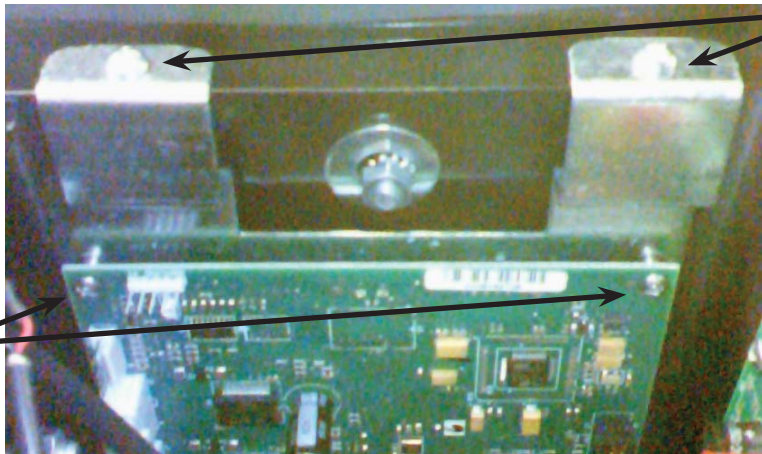
Cover mounting bracket

To remove the control board cover, uninstall these three Phillips screws.

To remove the cover mounting bracket, uninstall these two Phillips screws.

## Figure 2.

Remove the screws that secure the DMC board, and remove it from the vender.



After removing the DMC board, remove the DMC mounting plate by uninstalling these two Phillips screws.

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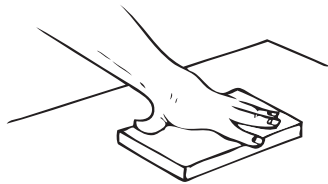
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### Figure 3.

The tape will adhere best to a clean, dry surface. Use a 50-50 solution of isopropyl alcohol and water to clean the area. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure with a squeegee or similar device develops better adhesive contact and thus improves bond strength.

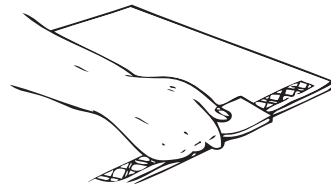
Step 1. Wipe the area clean.



Step 2. Wipe dry.



Step 3. Apply pressure.



### Application Temperature

Ideal tape application temperature is 21° C (70° F) to 38° C (100° F). The **minimum** acceptable application surface temperature is 15.5° C (60° F).

### Dwell Time

21° C (70° F):  
20 minutes to 50% bond strength.  
72 hours to full bond strength.

43° C (110° F):  
2 hours to full bond strength.

65.5° C (150° F):  
1 hour to full bond strength.

### Figure 4.

Finished application



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