



SERVICE BULLETIN 340

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Date: 20 Jan 11

Revision: 01

SUBJECT: Port Block Installation

MODELS: RVV 500

Number of
People
Required

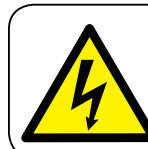


KIT NUMBER	KIT DESCRIPTION
356192	Port Block Kit

TOOLS REQUIRED: Sockets: 11/32" (9 mm), 7/16" (12 mm); long extension

ESTIMATED INSTALLATION TIME: 10 minutes

BACKGROUND INFORMATION: The port block kit is designed to prevent vandals from being able to reach into the vender through the port bin and the sliding door to steal products. This bulletin describes the procedure for installing the 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 all power from the 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. Open the vender's door, and remove the coin box.
3. Using a 7/16" (12 mm) wrench, remove the nuts on the three carriage bolts that secure the coin box housing in the vender's door. Remove the carriage bolts, and then remove the coin box housing. (Refer to Figure 1.)
4. Using an 11/32" (9 mm) socket with long extension, remove the four nuts that secure the port assembly. Two of these nuts are above the assembly; the other two are accessible about mid-way down the assembly by way of semi-circular cutouts in the adjacent brackets mounted to the vender's door. (Refer to Figure 2.)
5. Disconnect the harness that goes to the detector board on the port assembly.
6. *Venders with TriTeq locks:* Remove the battery backup jack, located in the top of the delivery bin.
7. Remove the port assembly from the vender.
8. Install the port block as shown in Figure 3. Using a 7/16" (12 mm) wrench, secure the port block with the carriage bolts and nuts included in the kit.
9. Reinstall the port assembly in the vender's door. Ensure that the harnesses in the door are not caught behind the port assembly, pinched, bound up, etc. Hold down the delivery door while installing the assembly.
10. Secure the port assembly with the four nuts that were removed in Step 4.
11. Reconnect the harness to the detector board.
12. *Venders with TriTeq locks:* Reinstall the battery backup jack in the top of the port box assembly.
13. Reinstall the coin box housing. Secure it with the three carriage bolts and nuts that were removed in Step 3.
14. Reinstall the coin box.
15. Reinstall the port spacer, paying close attention to the port spacer installation instructions shown in Figure 4.
16. Open and close the port box several times to ensure that it does not bind.
17. Restore power to the vender by plugging the vender's power cord into the AC voltage source.
18. Test vend several times to ensure product reliability.

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. 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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Figure 1.

Remove the nuts on these carriage bolts, accessible from inside the door. Then, remove the carriage bolts and the coin box housing.

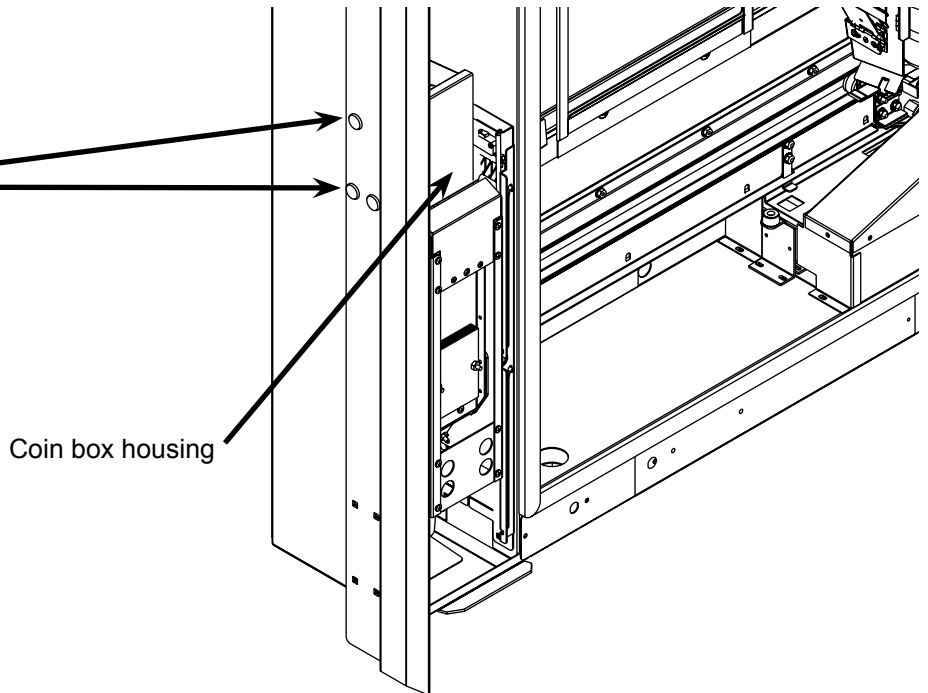
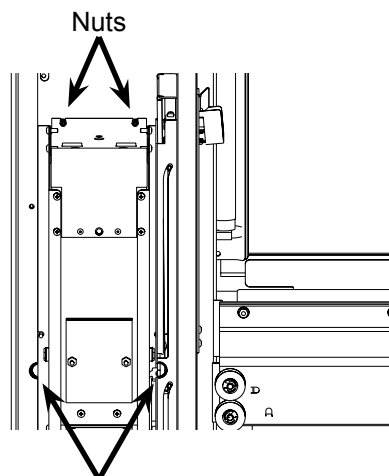


Figure 2.

Remove the four nuts that secure the port box housing assembly. A long socket extension will be required.



To reach the bottom nuts,
use these access notches.

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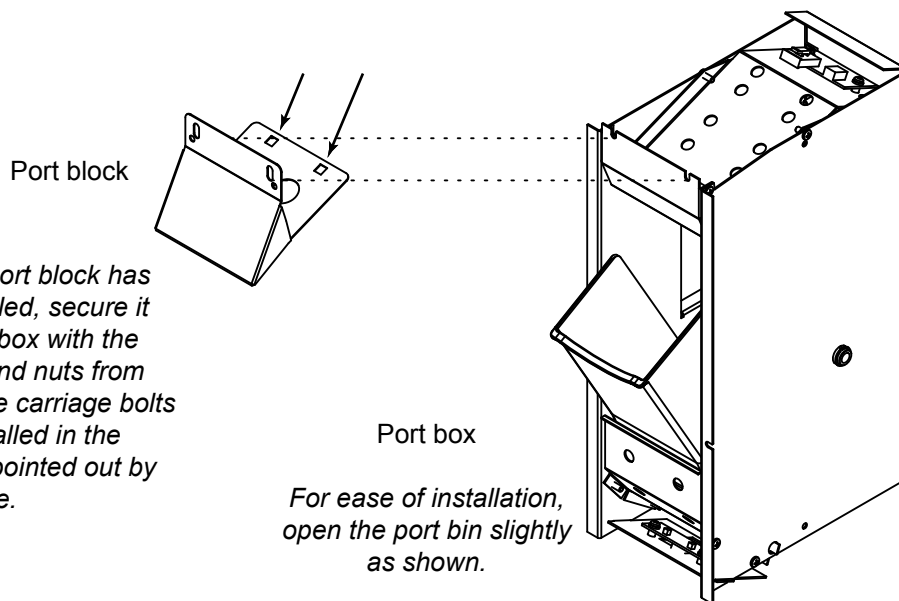
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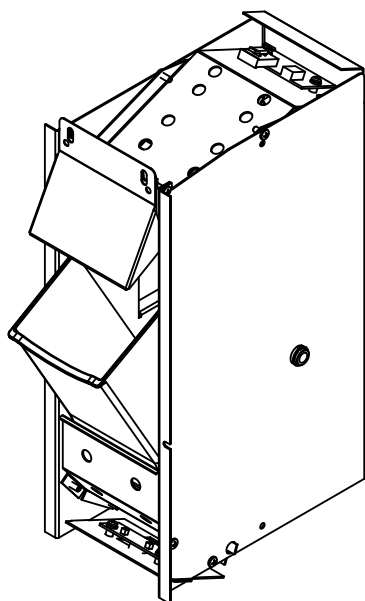
MODELS: RVV 500

Figure 3.

Install the port block as shown. Secure it with the two carriage bolts and nuts from the kit.



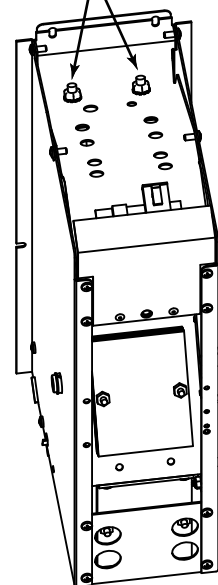
isometric profile of port box with port block installed



Nuts

top view of port box with port block installed

Secure the carriage bolts with the nuts as shown here. The carriage bolts should be installed from underneath, with the nuts at the top of the port box.



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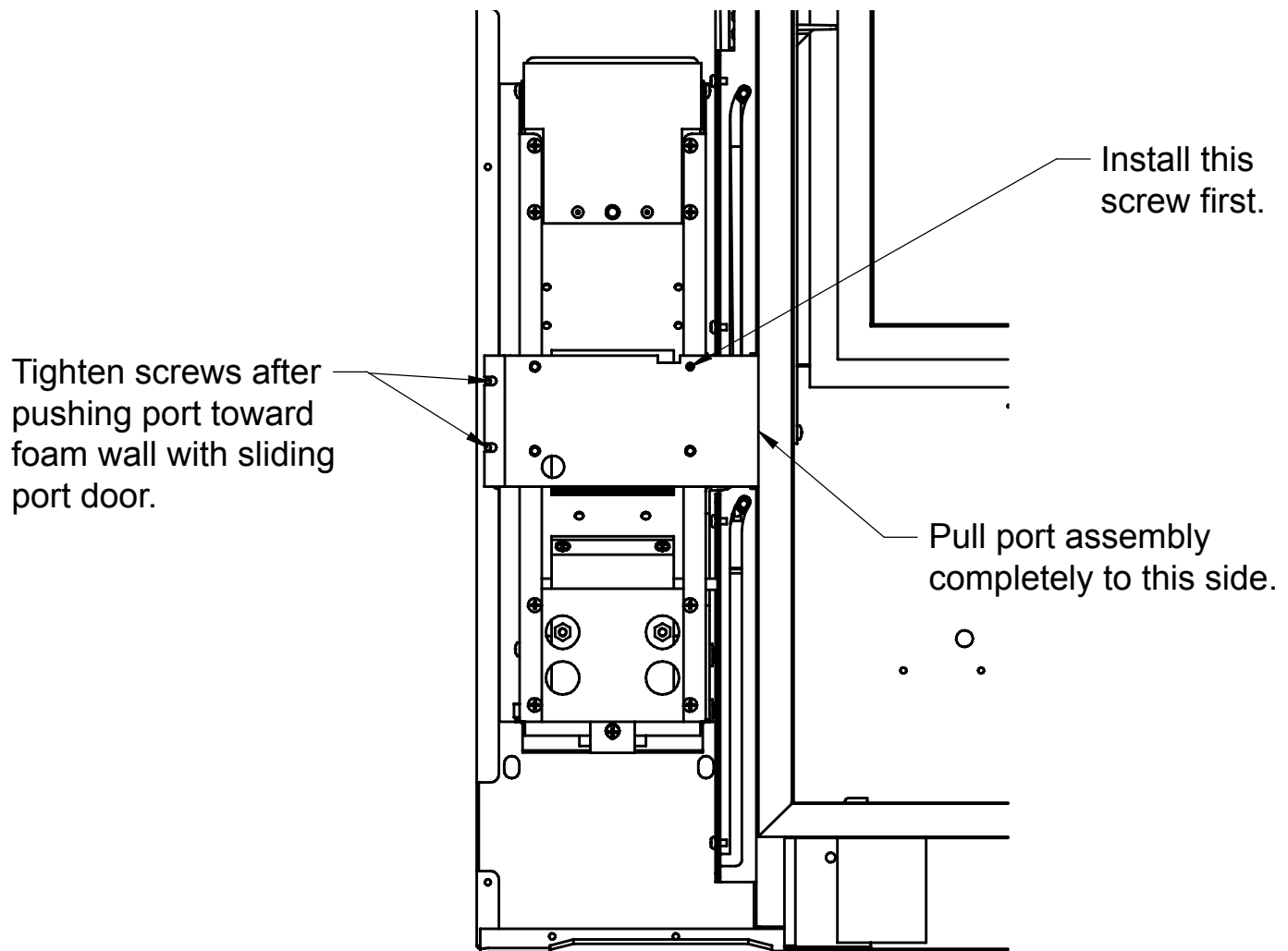
MODELS: RVV 500

Figure 4.

Installation of the port spacer.

NOTES:

1. Install the port spacer to the port assembly.
2. Pull the port toward the foam wall.
3. Tighten the two spacer hold-down screws.



REAR VIEW OF DOOR

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