



SERVICE BULLETIN # 00262

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PAGE: 1 of 2
DATE: 6-10-05
REVISION: 01

SUBJECT: Royal Vision Vender Software Enhancement

of People
Required



MODELS: Royal Vision Vender

Kit Number

Kit Description

836153

Royal Vision Vender EEPROM Chip

TOOLS REQUIRED: Chip puller

ESTIMATED INSTALLATION TIME: 3 minutes

REASON FOR BULLETIN: A limited number of venders have exhibited an out-of-service condition caused by various setup- and cell-related issues. This new software will greatly increase the performance of the vender. *(This is a no-charge item.)*

NOTE: *This software should only be installed in venders with serial numbers 200449MA00001 and after.*

INSTALLATION INSTRUCTIONS:

Part 1: Recording the X-axis and Y-axis coordinates.

1. Enter into the vender's programming (service) menu, and go to "Product Location." Press <enter>. The display will show "END X=NNNN Y=NNNN" (where "N" will be the X-axis and Y-axis coordinates, respectively). Write down the coordinates.
2. Press <up> to proceed to "Sel=12 X=NNNN Y=NNNN." Write down the X-axis and Y-axis coordinates for selection 12. Press <up> to proceed to selections 18, 52, and 58. Write down the coordinates shown for each of these selections.

Part 2: Replacing the chip.

1. Remove power to the vender by unplugging the vender's main power cord from the AC voltage source.
2. Using a chip puller, remove the existing controller chip from the board. Replace it with the new chip. *(See Figure 1.)*
3. Restore power to the vender by plugging the vender's main power cord to the AC voltage source.

Part 3: Reprogramming the X-axis and Y-axis coordinates and Jog.

1. Enter into the control board's main service menu, and go to "Product Location." Press <enter>. The display will show the preset X-axis and Y-axis coordinates for "END." Open the door, and press <enter> again. The elevator cup assembly will go through a routine, stopping at the port. At that point, the X-axis and Y-axis coordinates will begin flashing. Adjust these coordinates to match the coordinates recorded above in Part 1. To adjust the X-axis coordinates, use buttons 4 (left) and 6 (right); to adjust the Y-axis coordinates, use buttons 2 (up) and 8 (down). Once you are finished, press <enter>. Close the door and screw the T-handle all the way in.
2. Press <up> until the display shows "Sel=12," followed by the preset X-axis and Y-axis coordinates. Press <enter>. The elevator cup assembly will go through a test routine, stopping at column 12. At that point, the X-axis and Y-axis coordinates will begin flashing. Adjust these coordinates to match the coordinates recorded above in Part 1. To adjust the X-axis coordinates, use buttons 4 (left) and 6 (right); to adjust the Y-axis coordinates, use buttons 2 (up) and 8 (down). Use the sights on the elevator cup assembly to ensure the cup is properly adjusted. *(See Figure 2 for proper adjustment positions.)* Once you are finished, press <enter>.
3. Press <up> to proceed to selections 18, 52, and 58. Repeat the procedure described in Step 2, above.
4. Press <up> to proceed to "Jog Even=XXX," where the X's will be a number. Press <enter>, reset this number to 300, and press <enter> again.
5. Press <up> to proceed to "Jog Odd=XXX." Repeat the procedure described in Step 4 to set "Jog Odd" to 300 also.
6. Once you are completely finished, return the vender to sales mode.

NOTE: *After replacing the chip, it is necessary to reprogram the vender (i.e., "Set Prices," "Space to Sales," "Set Configuration," Set Refrigeration," "Select Block X," etc.).*

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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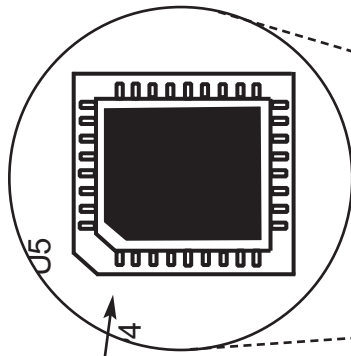
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Figure 1

Control board

Always ensure that the notched corner of the chip matches with the notched corner of the chip receptacle on the control board. Also always ensure the chip is seated properly in the receptacle slots.



Notched corner

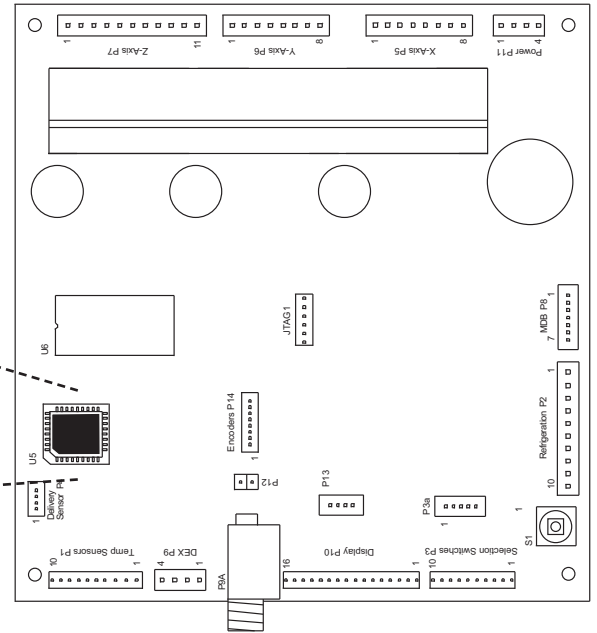
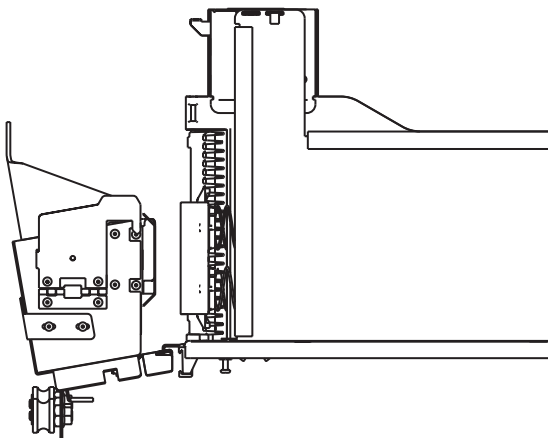


Figure 2

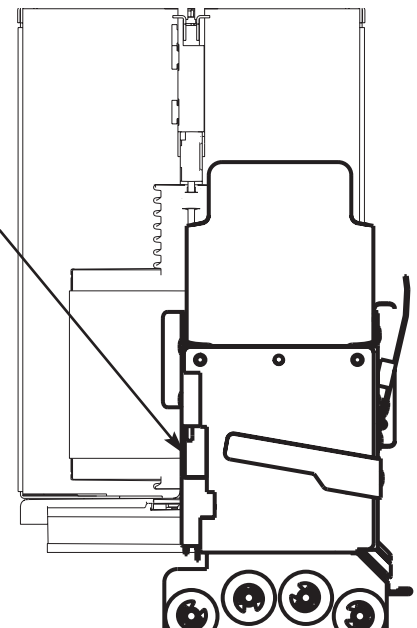
Side view of elevator cup at proper height in relation to the cell assembly.

The lip of the cup should be slightly lower than the floor of the cell.

Front view of elevator cup at proper lateral (side to side) position.



Sight for cup adjustment
The release lever on the cell assembly should be approximately in the middle of this sight, left to right.



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