

# Instructions for 5210A Conversion Kit for Rowe BC 35 to a MEI Validator with Slider Bracket

**READ INSTRUCTIONS COMPLETELY BEFORE BEGINNING INSTALLATION  
TURN OFF POWER AND UNPLUG THE BILL CHANGER  
BEFORE BEGINNING INSTALLATION**

**REQUIRES MARS VN2511U7E Validator with 700 Stacker (Optional 300, 500 Stacker)**

## **Step 1 Remove Current Bill Transport and Stacker**

- A. Unplug both transport harnesses (9 pin & 6 pin) to machine. (See Figure 1)
- B. Pull out the current bill transport completely by sliding out along its track and unlatching the catch. (see figure 1).

### **If Single Stacker: (If dual stacker skip to step D)**

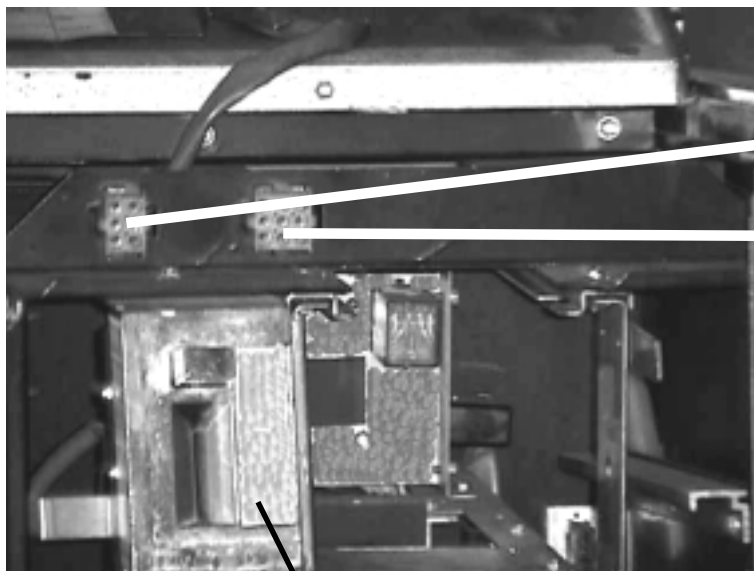
- C. Unplug stacker 9 pin square harness connection. Remove the stacker housing/bracket by unscrewing the 2 screws holding it in place. **SKIP TO STEP E.**

### **If Dual Stacker:**

- D. Unplug stacker 9 pin square harness connection. Remove the stacker housing/bracket by removing the 2 screws at the top of the bracket, then remove the 2 screws at the inside floor of the stacker bracket.
- E. Reattach the screws and nuts removed in the previous step.

### **QUICK REFERENCE**

**MARS VALIDATOR SETTINGS  
Switches 1, 2, 4, 6, and 8 ON  
All other switches OFF**



Bill Transport Plug  
(6 Pin)

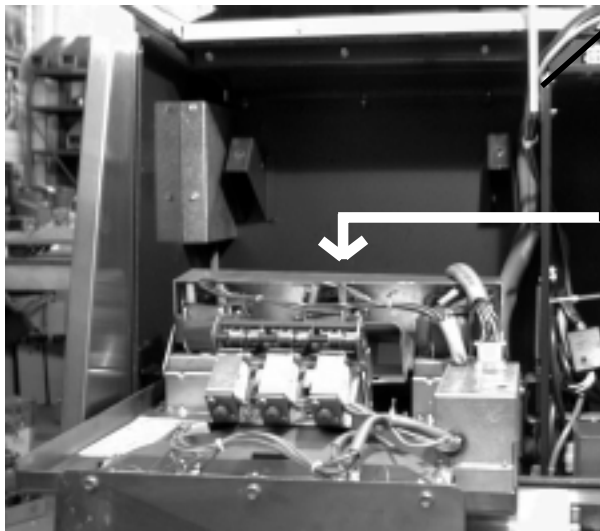
Bill Transport Plug  
(9 Pin)

Coin Return Knob Assembly

**Figure 1**  
View of Bill Changer with  
Bill Transport Removed

- A. Remove the hoppers by manually lifting them out of the bill changer unit.
- B. Remove dispenser mounting screws located at the top of the dispenser assembly.
- C. Tilt the dispenser forward (Figures 2 & 3) and reach behind to unplug the **J204 Plug** .
- D. Locate the 5206 “Y” Harness included with the kit and plug the appropriate ends into the J204 plug (figure 3) and the machine. Run the harness along the back of the unit to the other side of the divider wall. The other end will plug into the matching plug of the 5185 Main Box Assembly to be installed in Step 4.
- E. Put the dispenser and hoppers back into place.

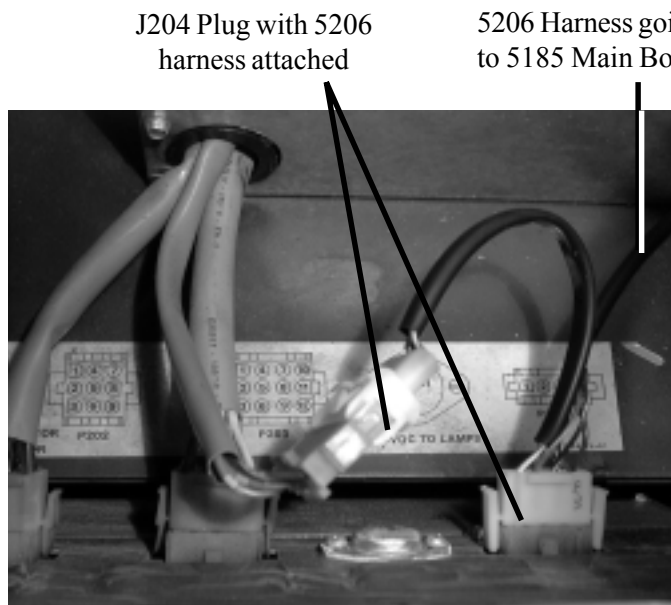
**Figure 2**  
View of Dispenser tilted forward



Divider Wall

J204 Plug located  
on bottom of  
dispenser assy.

**Figure 3**  
View from behind  
Dispenser looking  
down at J204 Plug



J204 Plug with 5206  
harness attached

5206 Harness going  
to 5185 Main Box Assy.

### Step 3 Install 5212 Slider Bracket and Validator

- A. Set the following switches of the Mars validator to the ON position: 1, 2, 4, 6 and 8.
- B. Mount the Mars validator **upside down** to the slider bracket included with the kit. This bracket simply slides on the tracks where the stacker was located before being removed in Step 1B. Make sure that the face of the validator is centered in the hole of the bracket. See Figure 4.
- C. Attach the two adhesive backed clips 4" to 6" apart to the underside of the slider bracket. They will be used to direct wires away from the validator later in the installation.
- D. Affix label to the front of the of the slider bracket. See Figure 5.
- E. Attach the green and yellow grounding wire to the stud of the slider bracket as shown in Figure 6.
- E. Put the slider bracket/validator assembly to the side.

**Figure 4**  
Mounting validator to slider bracket



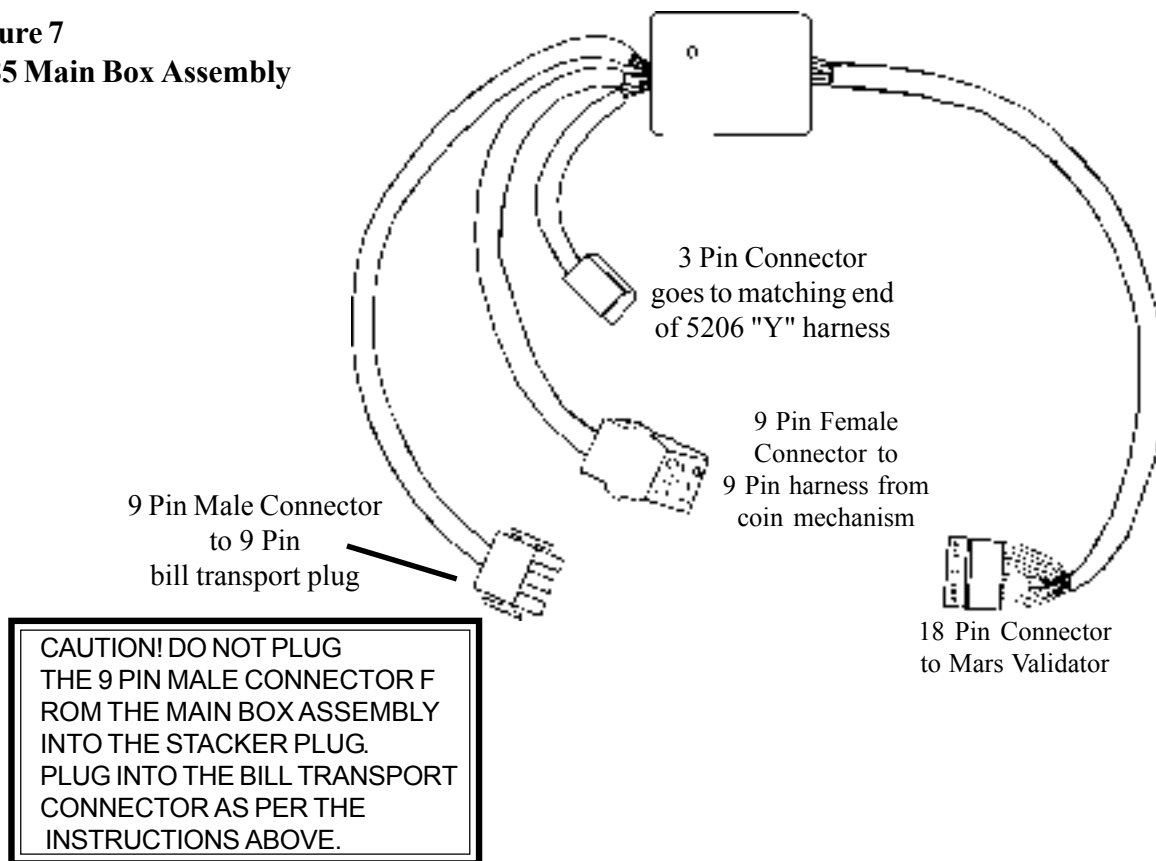
**Figure 6**  
Attach the green/yellow grounding wire to the stud of the slider bracket



**Figure 5**  
View of Slider Bracket in place with label.

- A. Unplug the 9 pin harness from the coin mechanism and plug the **female** 9 pin connector from the main box assembly into the appropriate 9 pin male connector.
- B. Plug the **male** 9 pin conector from the box assembly into the bill transport plug (see Figure 1, page 1).
- C. Plug the 18 pin connector from the main box assembly into the side of the Mars validator.
- D. Plug the 3 pin connector into the matching end of the 5206 "Y" Harness.

**Figure 7**  
**5185 Main Box Assembly**



**Step 5 Install the Power Harness (5186)**

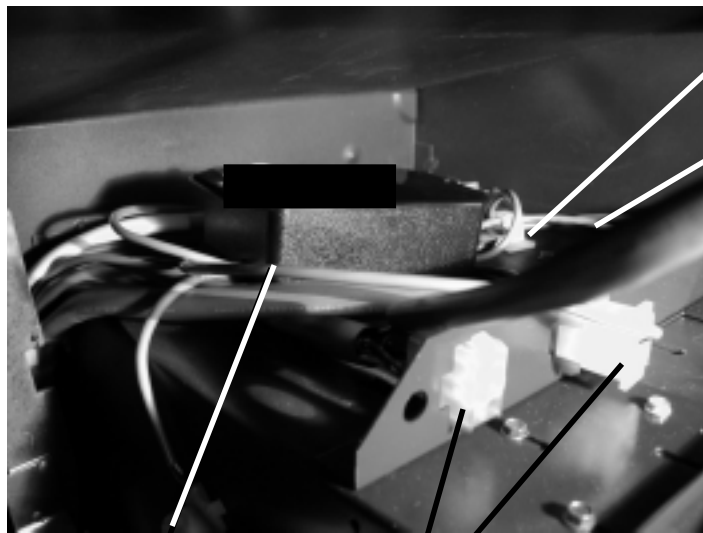
If machine is a dual stacker: (Single stacker machines, skip to step B)

- A. Install 5194 dual stacker adapter harness to the original stacker harness in the machine.
- B. Plug the 8 pin connector from the 5186 power harness included with the kit into the stacker plug. The other end plugs into the Mars Validator.

A. Use the cable ties included to dress the harnesses.

It is suggested but not required that the Main Box Assembly be placed above the validator and behind the bracket holding the bill changer plugs (Figures 15,16). The wires can be run down the divider wall. All other loose wires should be dressed neatly using the wire ties and adhesive backed clips included with the kit.

**Figure 8**



Main Box Assembly

bill transport plugs

cable tie and holder

wires running to validator

**Figure 9**



5206 Harness

## Step 7 Mars Series 2000 Validator Setup

### Validator Switch Setting

Make sure Switches 1, 2, 4, 6 and 8 ON. All others OFF.

## Step 8 Test Vend the bill changer

### Parts included with kit:

Part Number	Description	Qty.
5185	Main Box Assembly	1
5186	Power Harness-110V	1
5212	Slider Bracket	1
5184A	Stop Kit for bracket	1
5206	“Y” Harness	1
5194	Dual Stacker Adapter Harness	1
5225A	Label for slider bracket	1
<b>Hardware:</b>		
7343	Carriage Bolt-1/2"	1
7260	Hex Nut-1/4-20	1
7261	Lock Washer-1/4-20	1
7207	Keps Nut-8-32	4
4601	Cable Tie-5 1/2"	6
4650	Tie Mount	6
4652	Mounting Clip	6