

RVMC-USISM3-1
Retrofit Kit

****TURN OFF MACHINE POWER BEFORE
INSTALLATION****

READ ALL INSTRUCTIONS BEFORE STARTING INSTALLATION

Retrofit kit contents:

PART NAME	QUANTITY	PART NUMBER
PCBA, USI SM3 Retrofit Controller	1	10-0279-00
USI SM3 Retrofit Display Assembly	1	05-1170-00

Tools Needed:
Screwdriver, Philips

Follow the following steps to install the new USI Snackmart 3 Retrofit Kit:

1. Slide out the front panel slowly.
Refer to Figure 1.

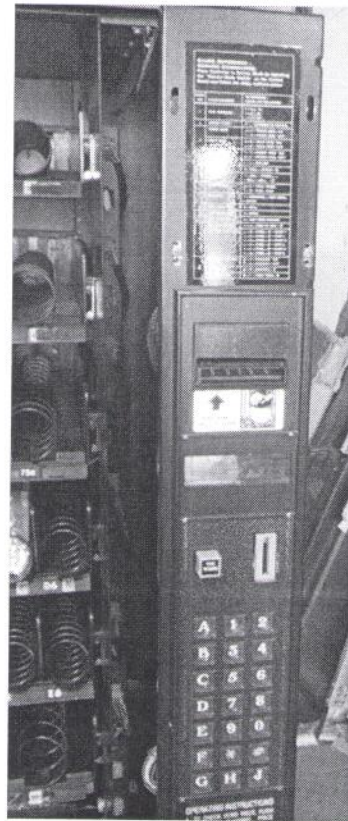


Figure 1.

2. Locate the Vending Machine Controller (VMC) directly behind the keypad. Carefully, unplug all connections to board. Refer to Figure 2.

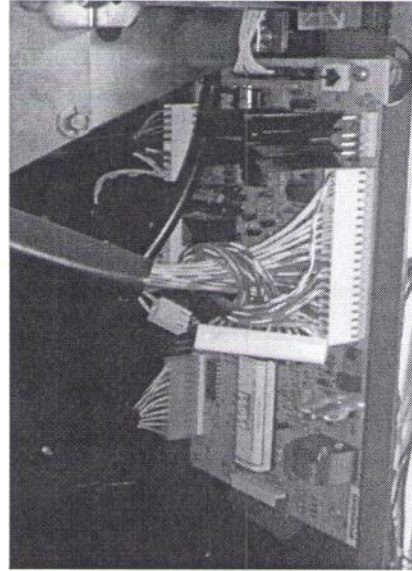


Figure 2.

3. Using a screwdriver, remove the four screws that mount the VMC and remove the VMC from the machine.
4. Locate the display PCB mounted above the VMC. Remove the four screws mounting this PCB. Remove this PCB from the machine.
5. The new display panel can now be mounted in the machine. Locate 05-1170-00 in the retrofit kit. This will mount exactly where the old display board was mounted, using same mounting holes and screws. Orient the panel so that the header on the display is towards the top of the machine. The DEX plug should also be facing towards the inside of the machine. Refer to figures 3a and 3b below.

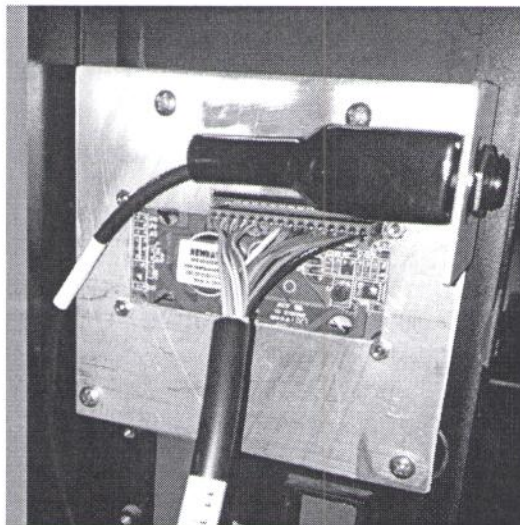


Figure 3a.

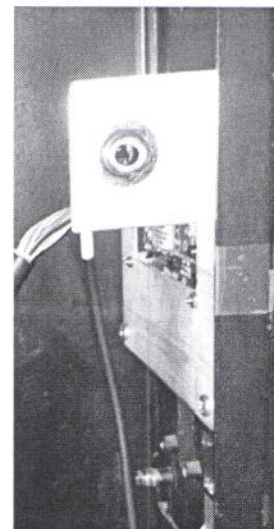


Figure 3b.

6. The new retrofit VMC can now be mounted in the machine. Locate 10-0279-00 in the retrofit kit. This will mount exactly like the original VMC, using the same four mounting holes and same screws. Orient the board so that J3, Display header, is located towards the top of the machine. Refer to Figure 4.

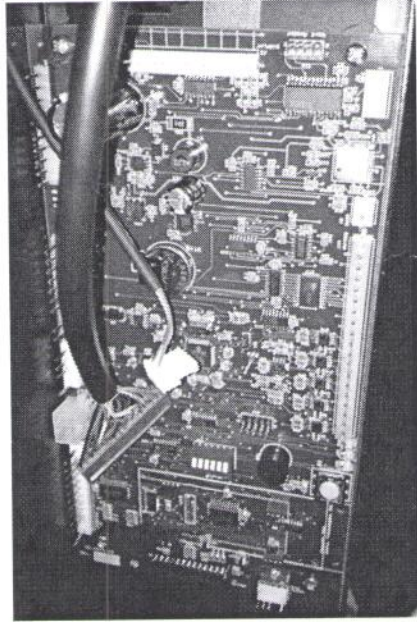


Figure 4.

Connections:

*****Pin 1 = black wire unless stated otherwise*****

*****Match all keyed pins with the key peg in each connectors*****

- The display can plug directly to J3.
- The DEX cable can plug into J5.
- The power cable has a 10 pin header and a 3 pin header at the end of it. The 10 pin header can plug into J1 of the RVMC. Pin 1 = red wire.
- The keypad can plug directly into J4. Pin 10 is keyed.
- The motor cable has a 20 pin header at the end of it with pin 4 keyed. This will plug directly into J10.
- J8 has no connections.
- OPTIONS:
 - Executive Mech will plug into J12
 - MDB will plug into J2
 - Pulse Bill Validator will plug into J7
 - Micromech will plug into J6
 - Card Reader will plug into J16