Instructions to Install RVMC-POLY Retrofit Kit
Polyvend Machine

Rev A

****TURN POWER OFF TO MACHINE BEFORE INSTALLATION****
READ ALL INSTRUCTIONS BEFORE STARTING INSTALLATION

Retrofit Kit Contents

PART NAME	QUANTITY	PART NUMBER
PCBA, VMC	1	10-0260-00
Cable, Display	1	11-0205-16
Cable, Short (Red)	1	11-0209-00
Cable, Short (Black)	1	11-0209-01
Cable, Door	1	11-0214-21
Cable Assembly, MDB Ext	1	11-1700-06
Assembly, Front Cover, Polyvend with Cable Assembly, DEX	1	05-1400-01
Hardware Kit with 3/8" standoffs nuts 1 ½" standoffs 3/8" Screws	1	05-1403-01
Assembly, Polyvend Display	1	05-1402-00
Installation Instructions	1	INST RVMC-POLY
InOne return form	1	Return Form
Warranty Information	1	VMC Warranty
Config Instructions	1	INST CONFIG 300
Material Return Instructions	1	INST RETURN

Tools Needed:
Screwdriver, Philips
Nut Driver, ¼" and 3/8"

UNPLUG OR TURN POWER OFF TO MACHINE BEFORE PROCEEDING

1. Fully open the vending machine door and slide the controller compartment forward.

2. Remove the controller board cover as shown in Figure 1.

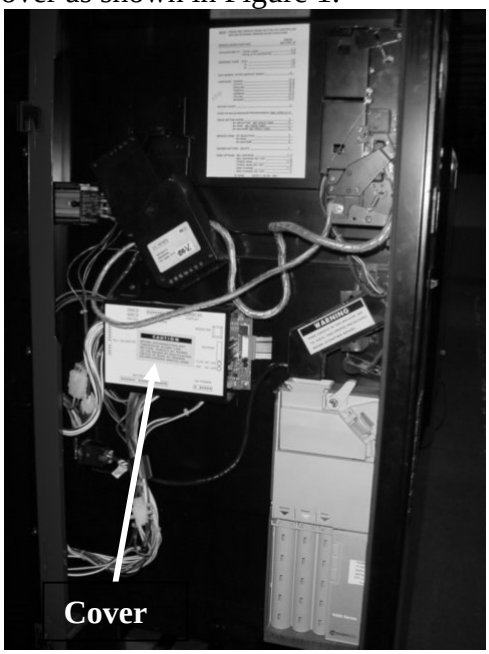


Figure 1

3. Disconnect all harnesses from the controller, as shown in Figure 2, and remove the 4 screws securing the controller as shown in Figure 3. Remove the old control board.

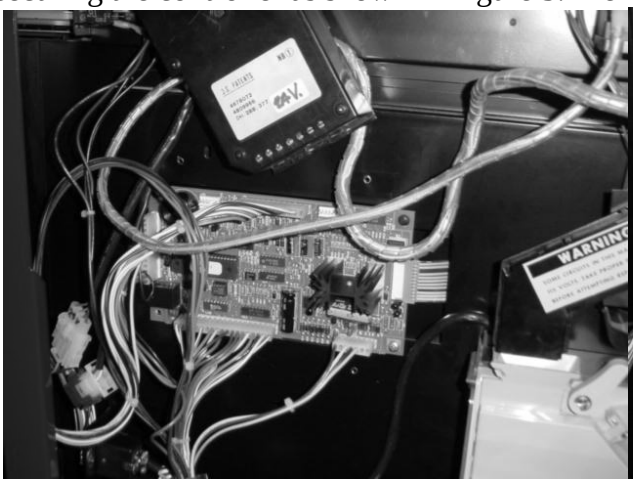


Figure 2

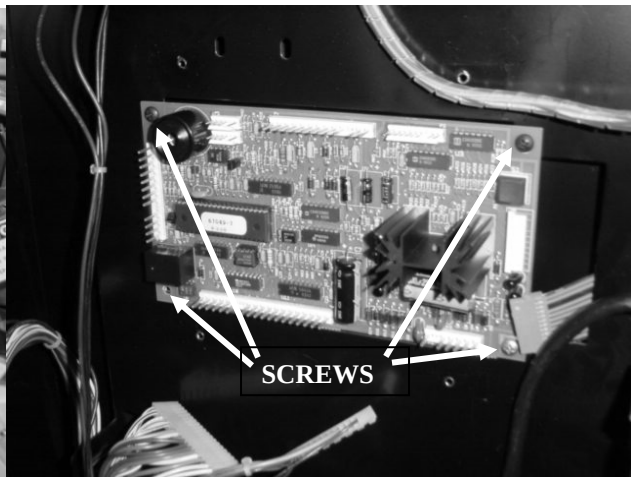


Figure 3

4. Screw the 4 - $^{3}/_{8}$" standoffs (short standoff's) into the holes where the controller screws were removed as shown in Figure 4. Place a nut on the back of each standoff and be sure that the standoff is firmly seated to the nut. **Hand tight only to prevent damaging the threads.**

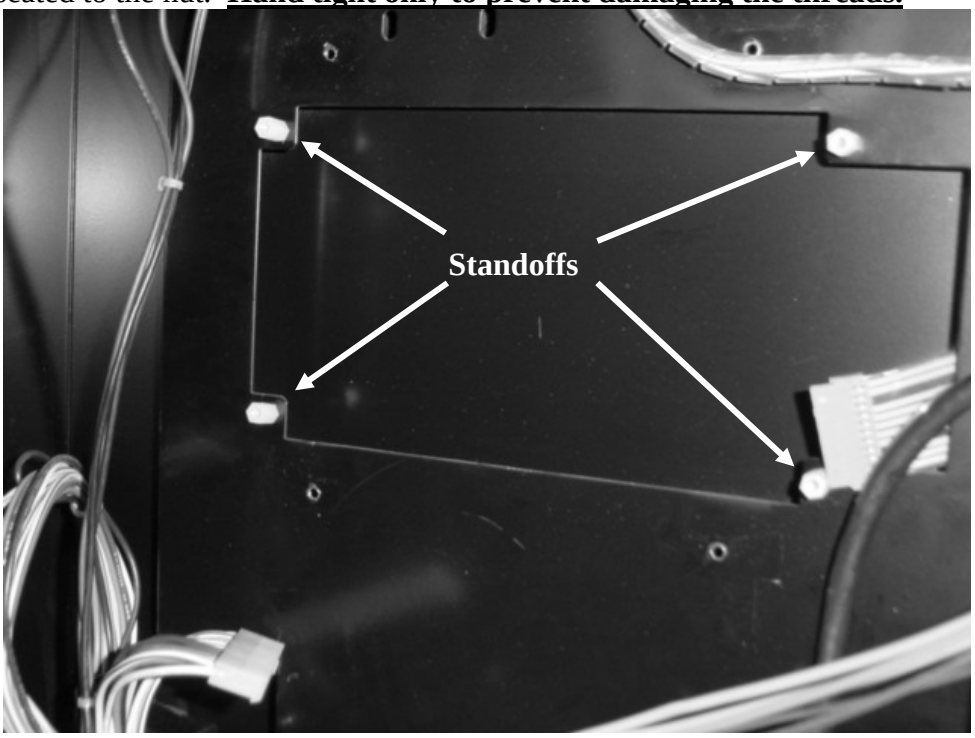


Figure 4

5. Install the new control board pn 10-0260-00 onto the standoff's and secure with 4 of the 1.5" long standoff's as shown in Figure 5, make sure board is oriented correctly with the Keypad header to the right. **The 1.5" standoffs should be finger tight only to prevent damage to the threads.**

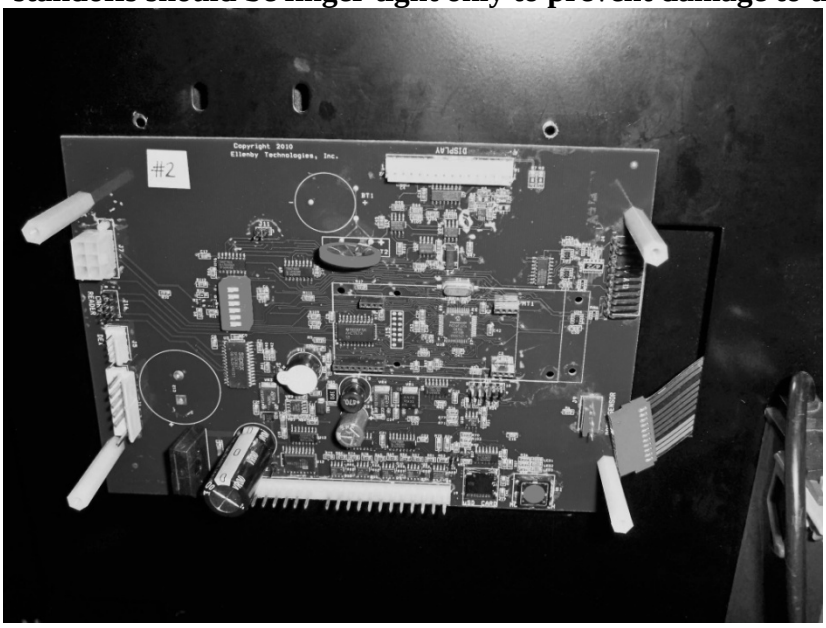


Figure 5

6. Disconnect both black and both red wires from the door switch, shown in Figure 7 and install the short red cable (11-0209-00) between the ends of the two red wires and the short black cable (11-0209-01) between the ends of the two black wires as shown in Figure 8

Figure 7

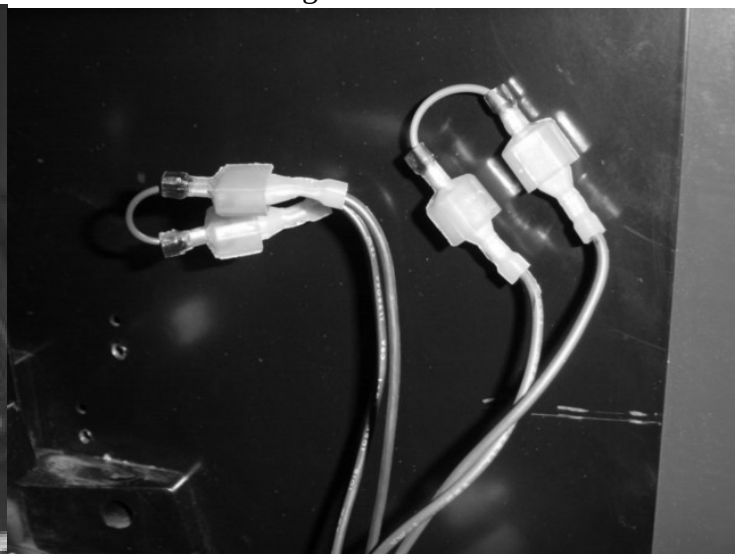


Figure 8

7. Remove the 4 screws securing the bill acceptor and save the screws for re-installation in step 13.

Figure 9

8. Remove existing display harness then remove the 2 screws shown in Figure 10 (save these screws to install the new display assembly later). Remove the old display assembly.

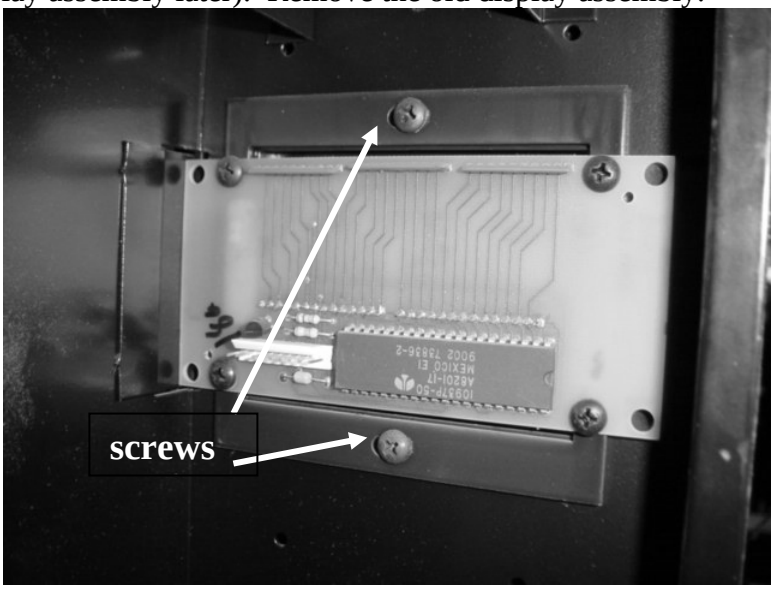


Figure 10

9. Remove 4 nuts and green film as shown in Figures 11 and 12.

Figure 11

Figure 12

10. Install the new Polyvend display assembly (05-1402-00) using the 2 screws from the original display as show in Figure 13.

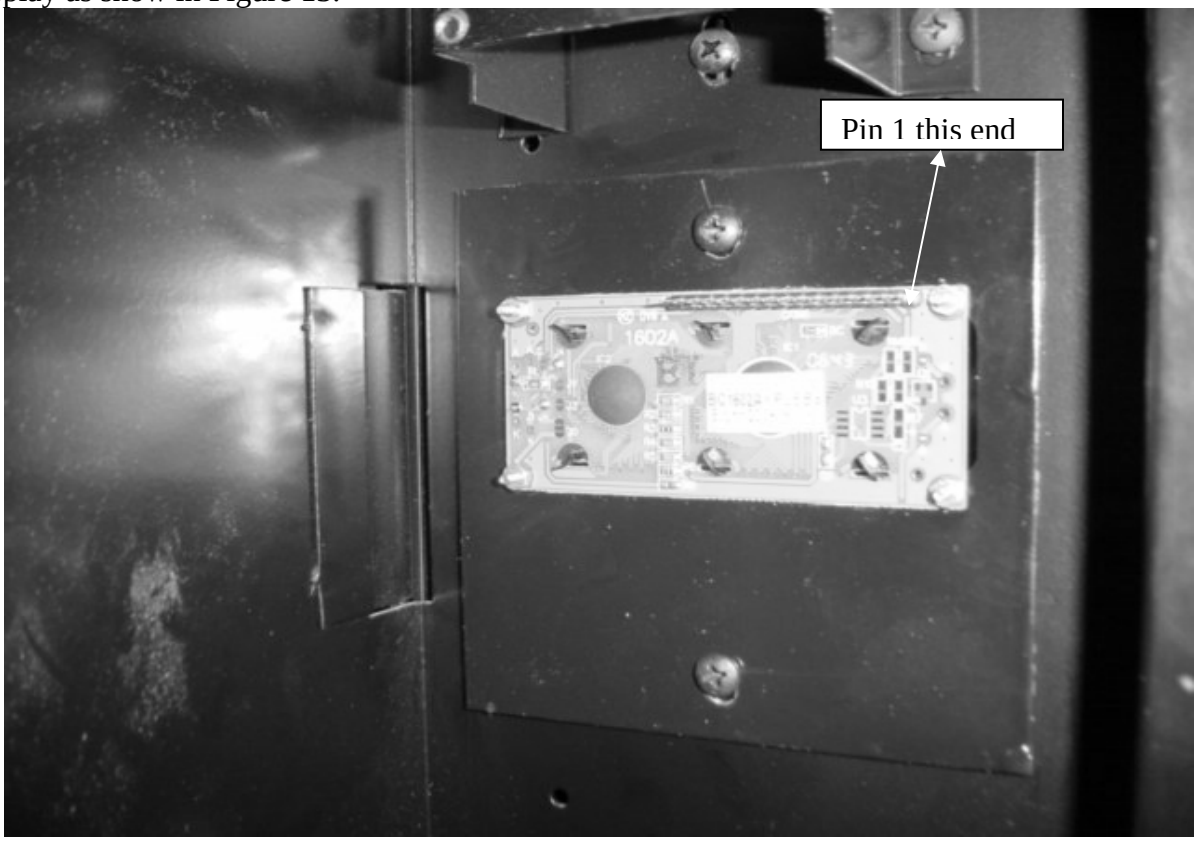


Figure 13

11. Connect the new display harness (11-0205-21) to display as shown in figure 14. **Make sure the pin 1 end of the cable is connected to the pin 1 end of the display header and all 16 pins are inserted into harness connector correctly - Damage to display may occur if this is not done!**

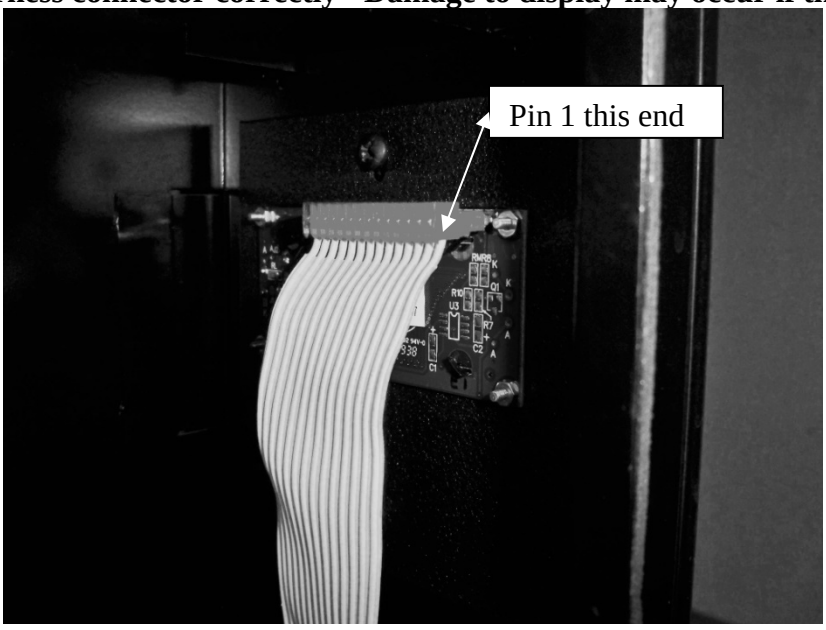


Figure 14

12. **Re-install the Bill Acceptor now.**

13. Connect other end of the display cable to the VMC board header marked “Display” (J2) as shown in figure 15. **Match up pin 1 on connector to pin 1 of header on the control board.**

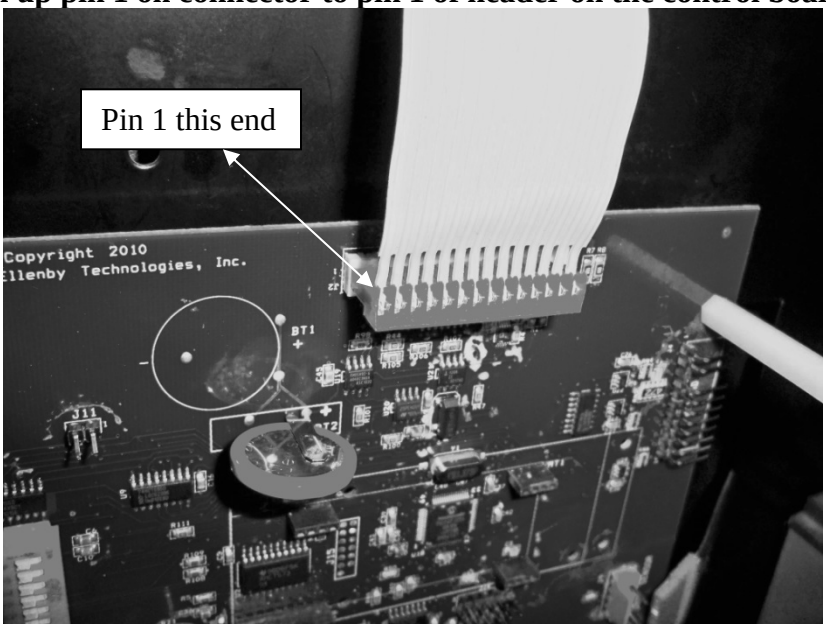
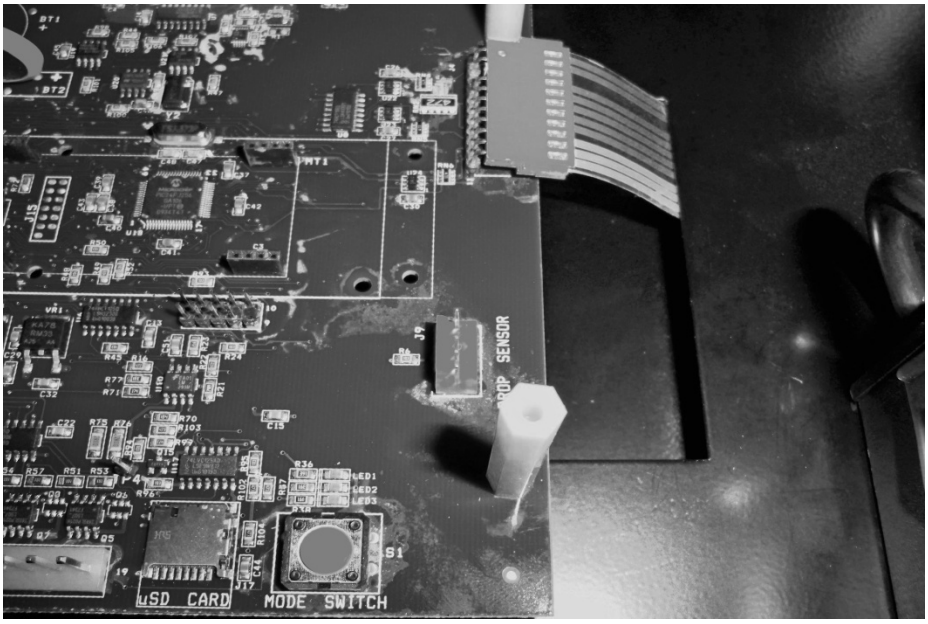


Figure 15

14. Connect the machines existing keypad cable as shown in figure 16, to the “Keypad” header (J4) on the VMC board. **Make sure all pins are inserted correctly into ribbon cable.**



15. Connect door cable (11-0214-21) to the door switch. Red wire to “O 2” tab and Black wire to “COM 2” tab as shown in figure 18, plug the other end of this cable to the “Door SW” header (J8) on VMC board as shown in figure 19 **orientation (wire color) does not matter at this end.**

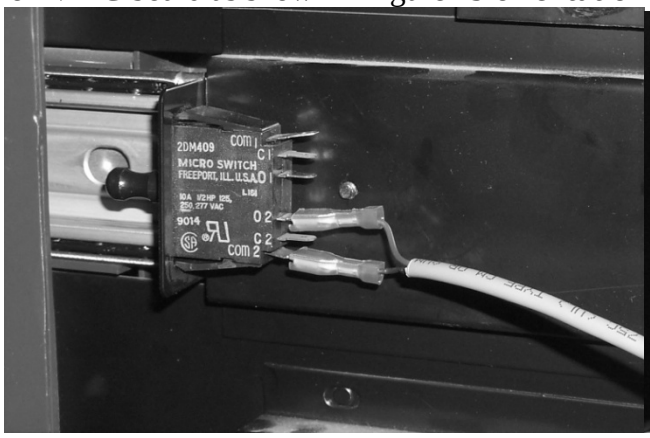


Figure 18

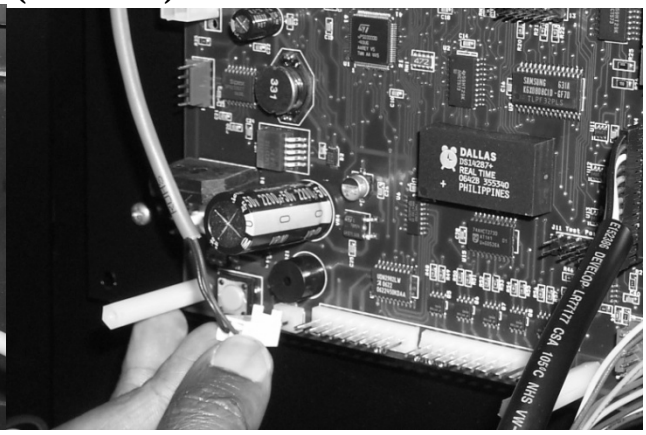


Figure 19

16. Connect the existing motor cable, as shown in figure 20, to the “MOTORS” header (J10) on VMC control board.

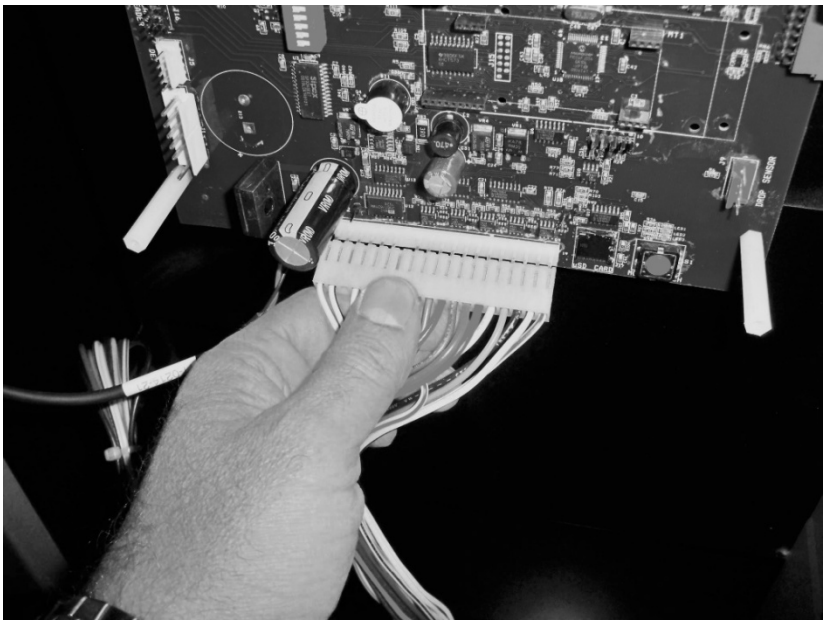


Figure 20

17. Connect the existing power cable, as shown in figure 21 to the “POWER” header (J1) on VMC Control board.

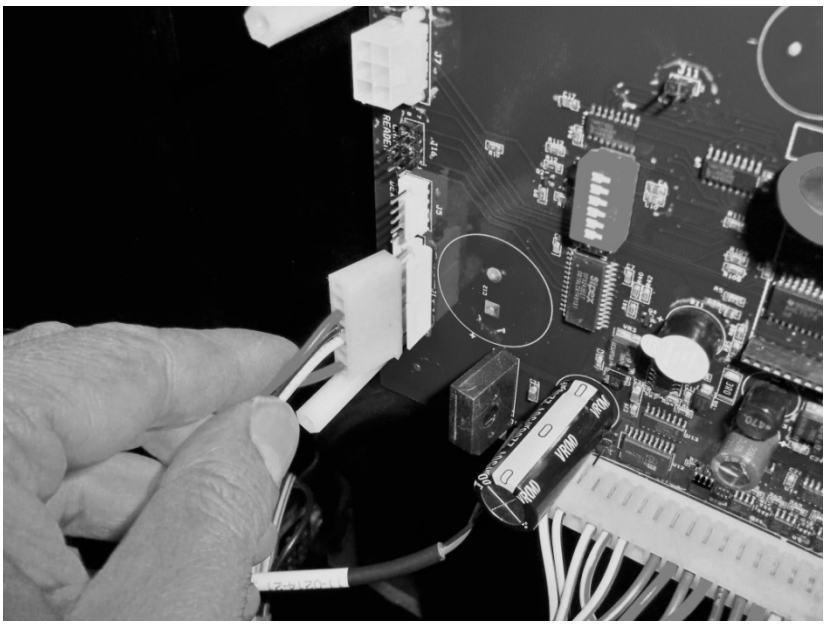


Figure 21

18. Connect MDB extension cable (11-1700-06) to the Coin Mech., as shown in figure 24, and to the “MDB” connector (J7) on the VMC control board as shown in figure 25.

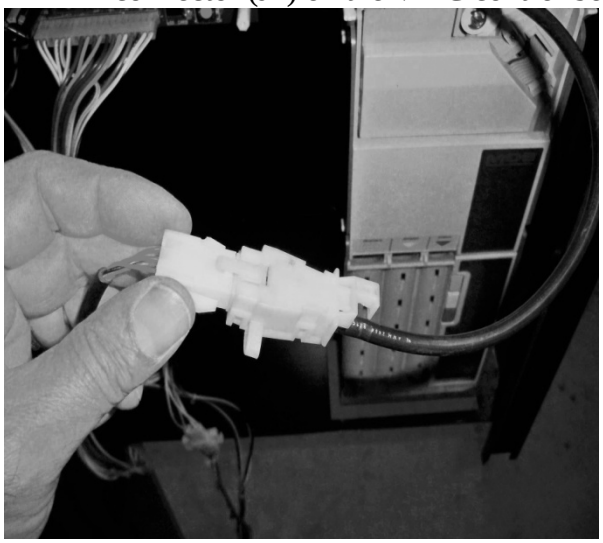


Figure 24

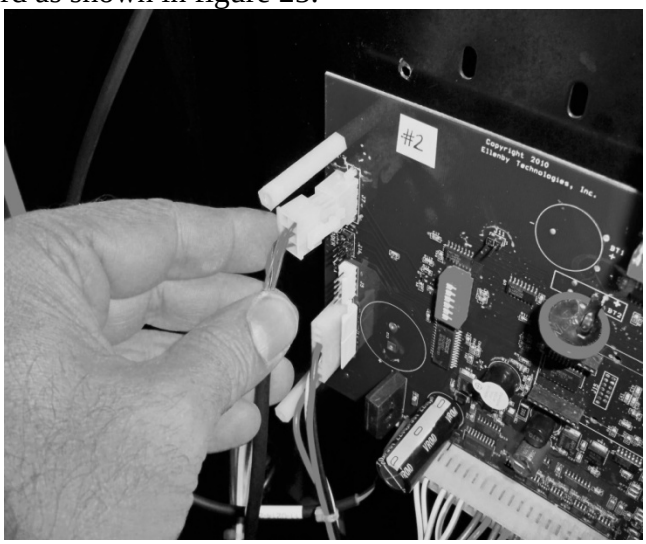


Figure 25

19. While supporting the Front Cover 05-1400-01 with on hand plug the DEX-27 cable into the VMC control board header marked “DEX” as shown in Figure 26.

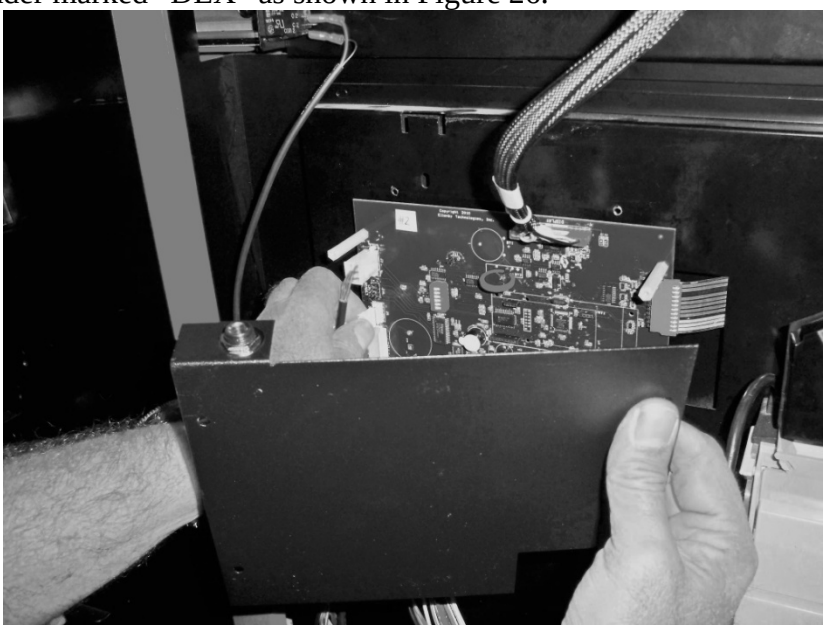


Figure 26

20. Secure the Front Cover over the VMC control board using the 4 screws provided (6-32x3/8”) each screws into the 4 standoff’s installed earlier. **Do not over tighten the screws this may damage the threads of the standoff’s. Also make sure the DEX receptacle is facing up when installing the Front Cover see figure 27.**

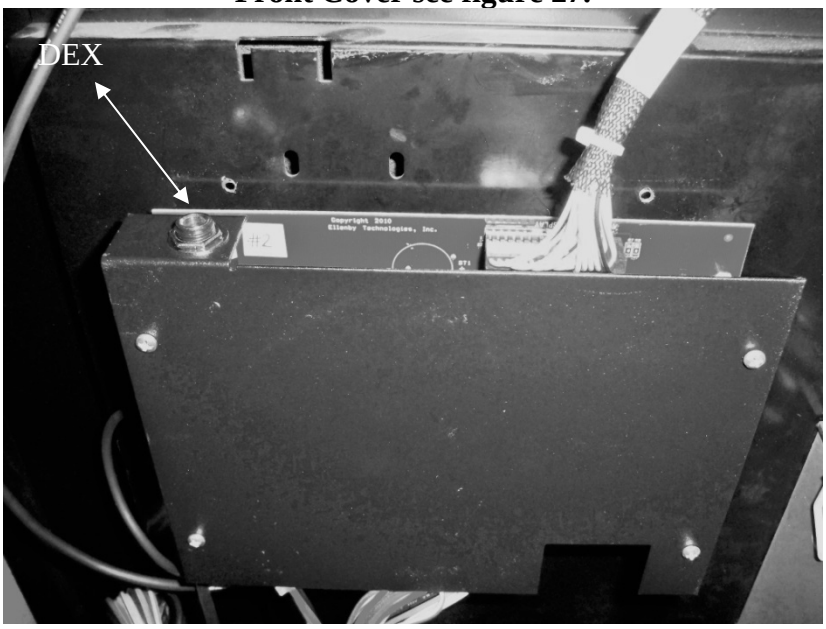


Figure 27

Installation of the kit is now complete see Configuration Instructions next.