

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DEVICES

### **Removal/Installation of Major Assemblies - FORCE EVO (all models)/EVO Wallette/Elite Edge**

**NOTE: Do not follow these instructions for Elite Edge. Please see the Elite Edge Instruction section.**

1. Turn off and unplug the game.
2. Unlock and open the CPU section, then place something in front of the front bezel to keep the touchscreen from being scratched when the cash tower section is opened.
3. In the CPU section, locate and disconnect the coin mech harness (blue and gray ribbon cable) found near the lower edge of the motherboard (see Figure 1) and remove it from the cable clamps. Also disconnect the counter harness on the left edge of the motherboard, opposite the touchscreen controller (see Figure 1). Then pull both connectors back through the access hole below the board (see Figure 2) and out of the game.
4. Close and lock the CPU section.
5. Unlock and open the cash access section.
6. Pull out the bill acceptor magazine.
7. **EVO only:** Disconnect the bill acceptor power connectors, as well as the fan and LED board connectors (see Figure 3).  
**EVO Wallette only:** Remove the 2 screws fastening the bill acceptor mounting clip to the game and gently pull up on the bill acceptor so that you can access the two connectors on the right side. Disconnect the 2 connectors and remove the bill acceptor and mounting clip from the game. Then remove the other two screws fastening the clip to the bill acceptor. See Figure 4. Skip to "Bill Acceptor Installation".
8. Remove the 6 screws fastening the bill acceptor mounting plate to the CPU section (see Figure 3). One screw also fastens the strain relief cord. Once the screws are removed, pull the harnesses attached to the CPU section through the access hole in the bill acceptor mounting plate so the CPU section can be pulled free of the bill acceptor. Disconnect the IEC power connector from the CPU section, then place the CPU section down with the touchscreen side facing up.
9. Remove the 4 screws on the reverse side of the mounting plate fastening the bill acceptor bezel to the plate (see Figure 5). One screw also fastens the cable clamp.
10. Remove the 4 screws fastening the bill acceptor to the mounting plate (see Figure 5) and remove the bill acceptor.

### **Bill Acceptor Installation**

1. Remove the magazine from the new bill acceptor. If you are replacing the bill acceptor on an EVO Wallette, skip to step 5.
2. Using Figure 6, insert the bill acceptor into the mounting plate, then fasten the bill acceptor to the plate with the 4 screws.
3. Reattach the bill acceptor bezel to the mounting plate by replacing the 4 screws on the reverse side of the plate (see Figure 5). Also replace the cable clamp.
4. Reconnect the IEC power connector on the CPU section, then route the harnesses from the CPU section back through the access hole in the bill acceptor mounting plate. Use the 6 screws to reattach the plate to the CPU section (see Figure 3) and fasten the strain relief cord.

**Troubleshooting Information - Removal/Installation of Major Assemblies -**

**FORCE EVO (all models)/EVO Wallette/Elite Edge**

Megatouch FORCE Technical Reference Manual

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5. Reconnect the bill acceptor power connectors, as well as the fan and LED board connectors (see Figure 3).

**EVO Wallette only:** Fasten the bill acceptor mounting clip to the new bill acceptor. Then connect the bill acceptor power connectors and fasten the bill acceptor mounting clip to the game. See Figure 4.

6. Replace the bill acceptor magazine.
7. Unlock and open the CPU section.
8. Feed the coin mech and counter harnesses back through the access holes in the bill acceptor mounting plate and motherboard (see Figure 2).
9. Reconnect the counter harness in the connector below the lower clip securing the motherboard, then reconnect coin mech harness after replacing it in the cable clamps. See Figure 1.
10. Close and lock the CPU section.
11. Close and lock the cash tower section.

**EVO Wallette only:** Close and lock the cash door.

12. Plug in and turn on the game.

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**Bill Acceptor Removal - Elite Edge only**

1. Turn off and unplug the game.
2. Unlock and open the cash door.
3. Disconnect the ground wire and remove the cash door.
4. Remove any money from the coin box, then remove the coin box and magazine stacker from the game. See Figure 7.
5. Rest the game facedown to access the base. Protect and stabilize the front casing and monitor by prepping the area with cardboard, foam, etc.
6. Remove the circular anti-skid pad on the bottom of the game. Keep the anti-skid pad for use in installation. See Figure 8.
7. Remove the (2) screws located at the bottom of the anti-skid circle. See Figure 8.
8. Remove the (12) screws outside the circle that are securing the bottom cover. See Figure 8.  
NOTE: When removing the last few screws, be sure to hold the cover in place. If the cover is not properly secured, it may cause injury to the operator and/or damage the cover.
9. Separate the convertor from the Velcro strip on the game base, then completely remove the base.
10. Remove all harnesses from the bill acceptor.
11. Remove the (4) nuts and spacers securing the bill acceptor to the mounting plate.
13. Remove the power wire clip from the PEM stud.
14. Separate the bill acceptor from the mounting plate.
12. Remove the (4) screws connecting the mounting plate to the game housing. Lift the mounting plate out of the game. See Figure 9

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**Bill Acceptor Installation - Elite Edge only**

1. Remove the magazine stacker from the new bill acceptor.
2. Reattach the (4) screws connecting the mounting plate to the housing of the game. See Figure 9.
3. Insert the bill acceptor into the mounting plate. Put power wire clip back on PEM stud, then fasten the bill acceptor to the plate with the existing (4) nuts and spacers.
4. Reconnect all harnesses. Plug the harness with (3) wires into the back socket. Plug the harness with (2) wires into the front socket. NOTE: The front is the socket closest to the monitor of the game. The harnesses MUST be installed in the proper slots. Failure to do so will result in game malfunction.
5. Slide the base cover into place for re-installation. When doing so, make sure the lights on the left and right side of the game are securely in place. Also tuck in the wires on the bottom of the bill acceptor. See Figure 9.
6. Reattach the converter to the Velcro strip on the base of the game.
7. Reattach the base using the (12) screws. NOTE: Keep the back cover securely in place as you work. If the cover is not properly secured, it may cause injury to the operator and/or damage the cover. See Figure 8.
8. Secure the anti-skid circle by replacing the (2) bottom screws. See Figure 8.
9. Reaffix the anti-skid pad to the circle. See Figure 8. If it will not adhere properly, apply glue to the back of the pad or contact Merit to order a replacement.
10. Return the game to its proper upright position.
11. In the cash tower section, reinstall the coin box and the new bill acceptor magazine.
12. Reattach the cash door and ground wire, then close and lock the door.

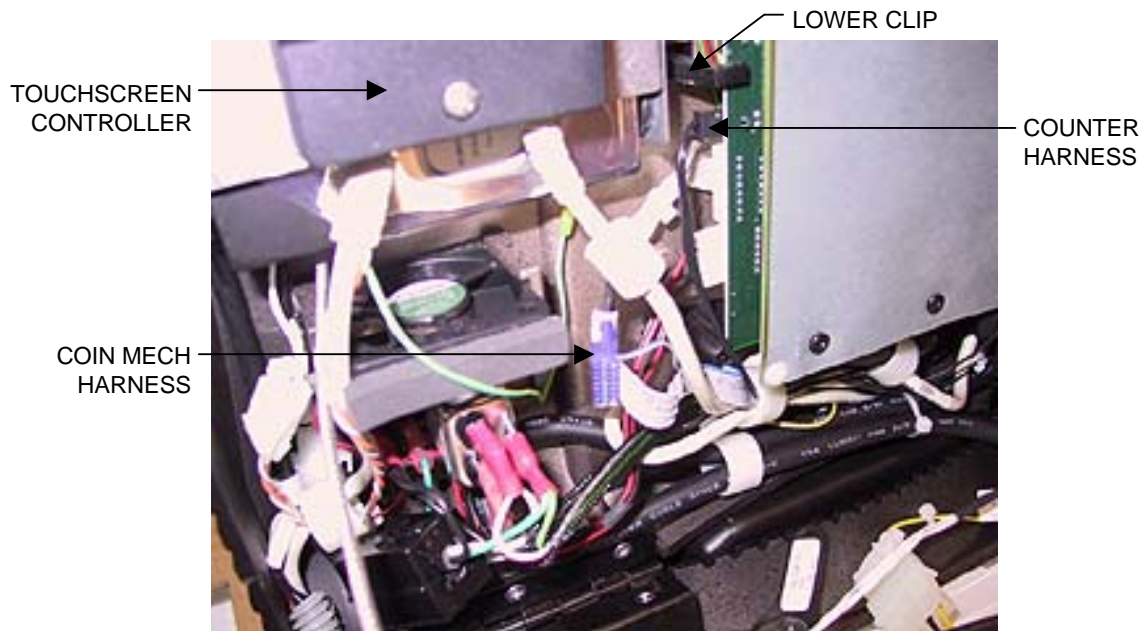


FIGURE 1 - CLOSEUP OF CPU SECTION

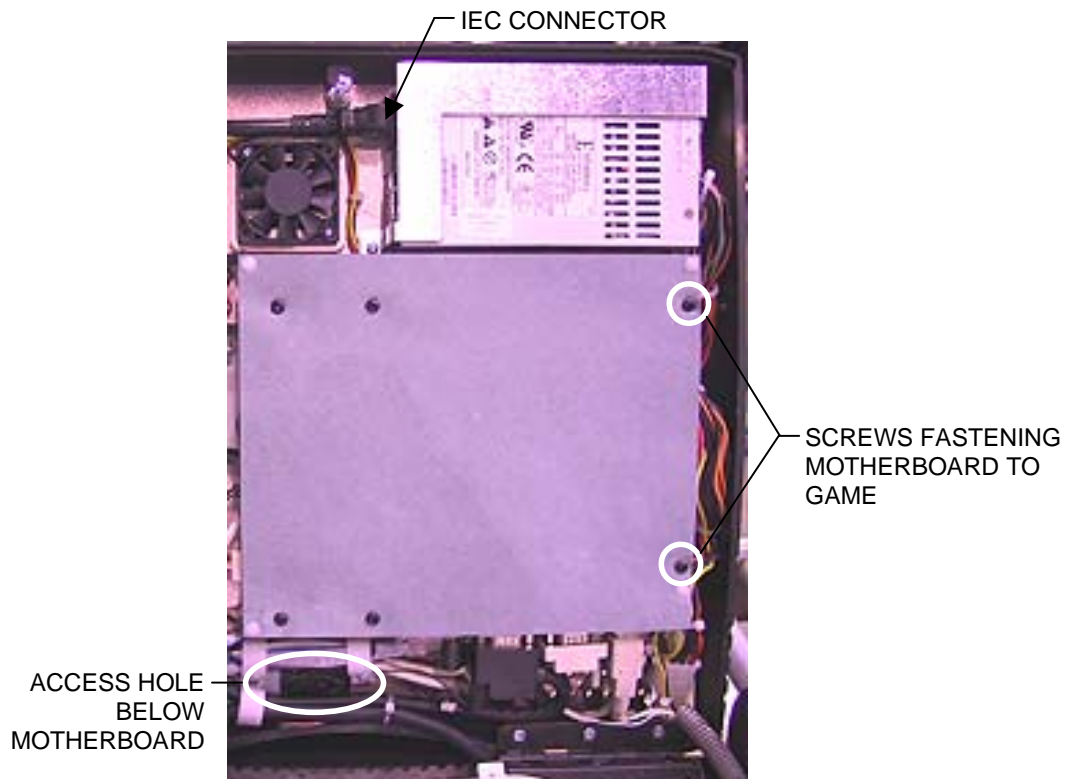


FIGURE 2 - SCREWS SECURING MOTHERBOARD ASSEMBLY TO GAME

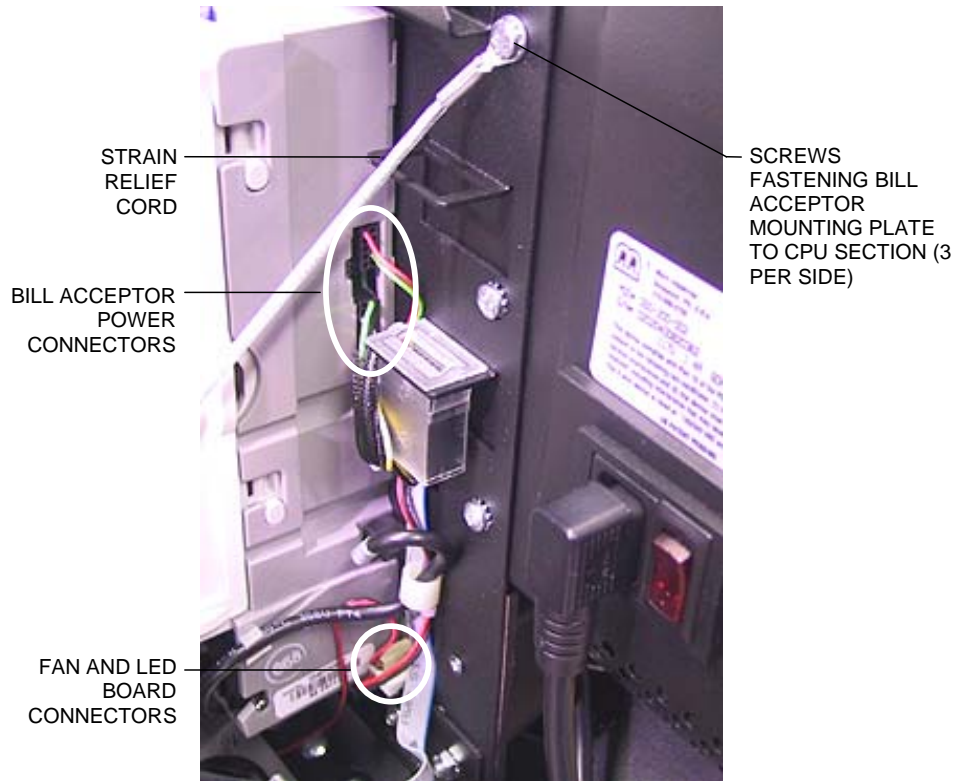


FIGURE 3 - REAR VIEW OF BILLACCEPTOR MOUNTING PLATE

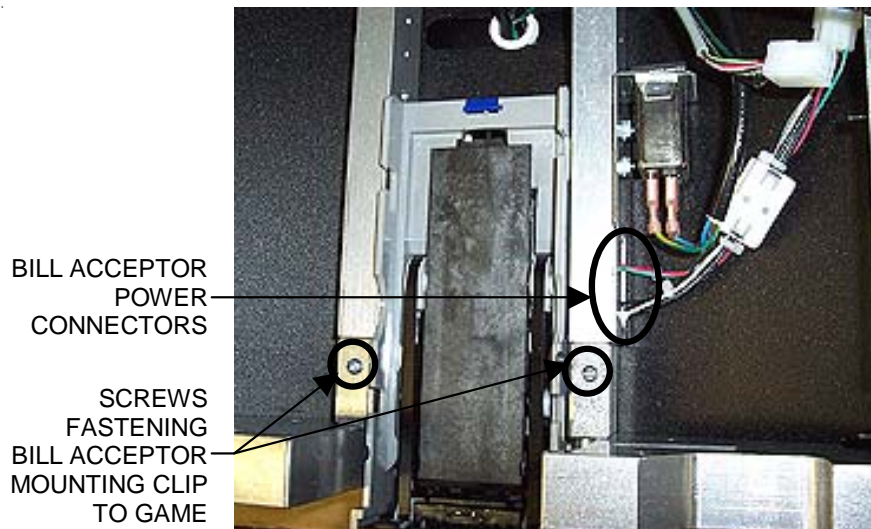


FIGURE 4 - EVO WALLETOE - BILLACCEPTOR ACCESS/REMOVAL

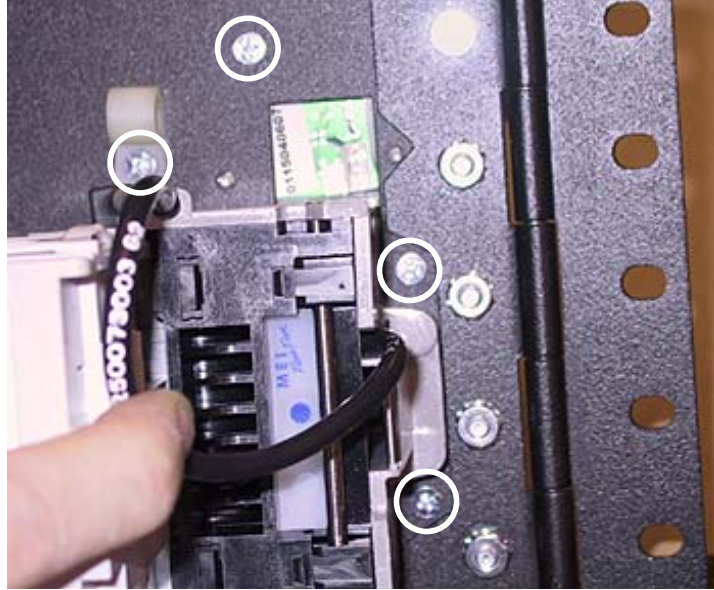


FIGURE 5 - SCREWS FASTENING BILL ACCEPTOR BEZEL TO MOUNTING PLATE

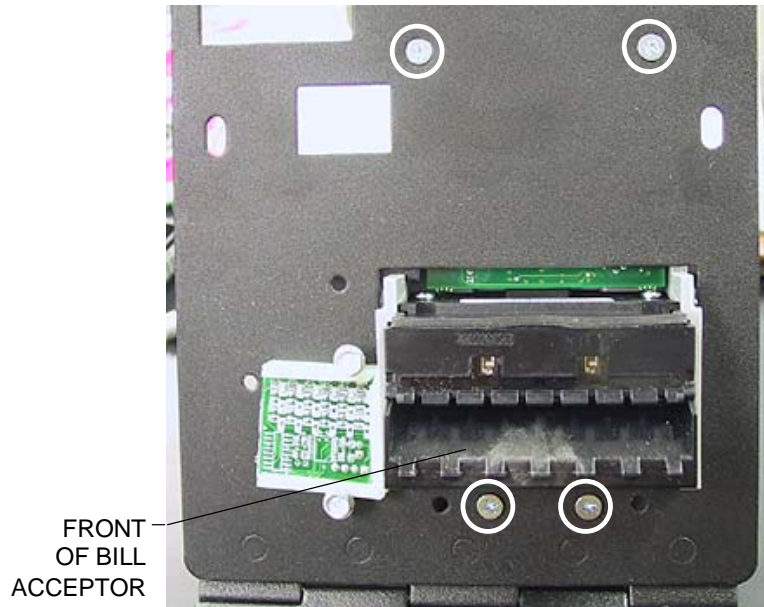


FIGURE 6 - SCREWS FASTENING BILL ACCEPTOR TO MOUNTING PLATE



FIGURE 7 - ELITE EDGE - BILL ACCEPTOR ACCESS/REMOVAL



FIGURE 8 - ELITE EDGE - BASE AND ANTI-SKID CIRCLE REMOVAL

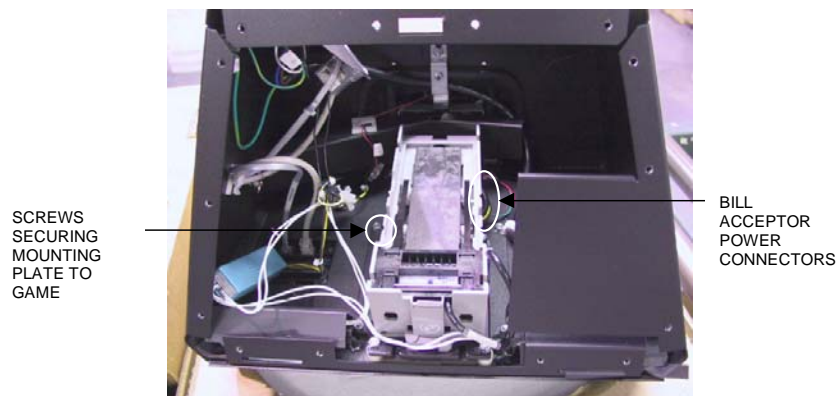


FIGURE 9 - EVO WALLETO - BILL ACCEPTOR REMOVAL AND INSTALLATION