

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DEVICES

### **Removal/Installation of Major Assemblies - eVo/eVo Wallette/Elite Edge Ion**

#### **Monitor Removal**

1. Turn off and unplug the game.
2. Place something in front of the game to brace the bezel once the strain relief cord is undone, then unlock and open the CPU section.
3. Remove the screw and washer fastening the strain relief cord, then remove the remaining 5 screws fastening the LCD mounting bracket to the game. The dongle socket ground wire will also be removed in the process. See Figure 1.
4. Remove the nut, wire and bolt from the dongle socket assembly located on LCD mounting bracket, then remove the bracket. See Figure 1.
5. Carefully cut the tie wraps around the VGA monitor cable and remove the ground wire. Disconnect the cable from the monitor and the motherboard. See Figure 1. Unscrew the bracket on the underside of the I/O board to release the cable.
6. Remove the OSD cable from the twist clamp and disconnect it from the OSD board and the monitor. Then remove the OSD board from the Velcro attached to the back of the monitor and set it aside. See Figure 1.
7. Disconnect the LCD power connector (black and yellow wires). See Figure 2.
8. Carefully cut the tie wrap around the touchscreen controller cable and disconnect the cable from the touchscreen controller. Also remove the ground wire. See Figure 1.
9. Disconnect the touchscreen power cable from the touchscreen controller (See Figure 1), then disconnect the Molex connector identified by the orange and gray wires.
10. Loosen the 6 screws (3 per hinge) on the monitor side of the hinges in order to raise the hinges and allow room to remove the monitor. See Figure 2.

**NOTE:** Elite Edge games may require you to remove the joystick in order to allow the necessary room for loosening of the hinge screws. To remove the joystick, carefully place the game on its side. Remove the 2 screws securing the protective bracket on the bottom of the game and remove the bracket. Disconnect the joystick connector and remove the joystick. Return the game to its upright position.

11. Slide the monitor out of the bezel.
12. If you will not be reusing the existing touchscreen, continue with installing the new monitor. If you will be reusing the touchscreen, note the orientation of the screen (i.e., the positioning of the ribbon cable and which side is the front) before removing it from the monitor. Then use dental floss to carefully cut the foam tape holding the screen to the monitor. Once the touchscreen is completely free from the monitor, remove any residual foam tape from the screen with denatured alcohol and clean the glass with the supplied alcohol wipe.

#### **Monitor Installation**

1. If you will not be using the touchscreen from your original monitor, skip to step 3. If you will be using the original touchscreen, clean the glass on the new LCD monitor with the supplied alcohol wipe, then cut pieces of the supplied 1/2" foam tape long enough to cover each edge of the monitor without overlapping. After the tape is in place on the monitor, peel off the backing.
2. Carefully place the touchscreen over the monitor in the same manner it was attached to the old

### **Troubleshooting Information - Removal/Installation of Major Assemblies - eVo/eVo Wallette/Elite Edge Ion**

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### **Removal/Installation of Major Assemblies - eVo/eVo Walette/Elite Edge Ion (cont'd)**

monitor, making sure the screen is properly and evenly aligned over the glass. Clean the front of the touchscreen with the supplied alcohol wipe once it is in place.

3. Carefully slide the new monitor into the bezel, making certain that the white edge of the monitor and the monitor wire connections are facing the bottom of the bezel. Ensure that the monitor is properly centered, then tighten the hinge screws. See Figure 2.

**NOTE:** If you removed the joystick on your Elite Edge, carefully return the game to its side and reconnect the joystick to the connector in the game. Place the protective bracket in its previous position, sliding it under the lazy Susan and making sure the cutouts are placed around the installed screws. Make sure all wires are secured inside the bracket, then reinstall the 2 screws securing the bracket. Return the game to its upright position.

4. Install the supplied LCD mounting bracket and fasten it to the game with the 6 screws. One screw (and washer) will fasten the strain relief cord, while another will secure the blue ground wire for the dongle socket. See Figure 1.
5. Replace the dongle socket assembly by securing the bolt, green wire and nut over the LCD mounting bracket. See Figure 1.
6. Connect the touchscreen controller cable to the touchscreen controller and secure it with a tie wrap. Also restore the touchscreen controller cable ground wire. See Figure 1.
7. Connect the touchscreen power cable to the touchscreen controller (See Figure 1) and reconnect the Molex connector (orange and gray wires).
8. Connect the LCD power connector (black and yellow wires). See Figure 2.
9. Reattach the OSD board to the Velcro on the back of the monitor, then connect the new OSD cable to both the OSD board and the monitor. See Figure 1. Secure the cable in the twist clamp.
10. Connect the new VGA cable to both the monitor and the motherboard. Run the cable beneath the I/O board mounting plate and secure it in place with the bracket and 2 screws. See Figure 8. Also replace the ground wire.
11. Tie wrap the VGA monitor cable and the OSD cable.
12. Close and lock the CPU section.
13. Plug in and turn on the game.

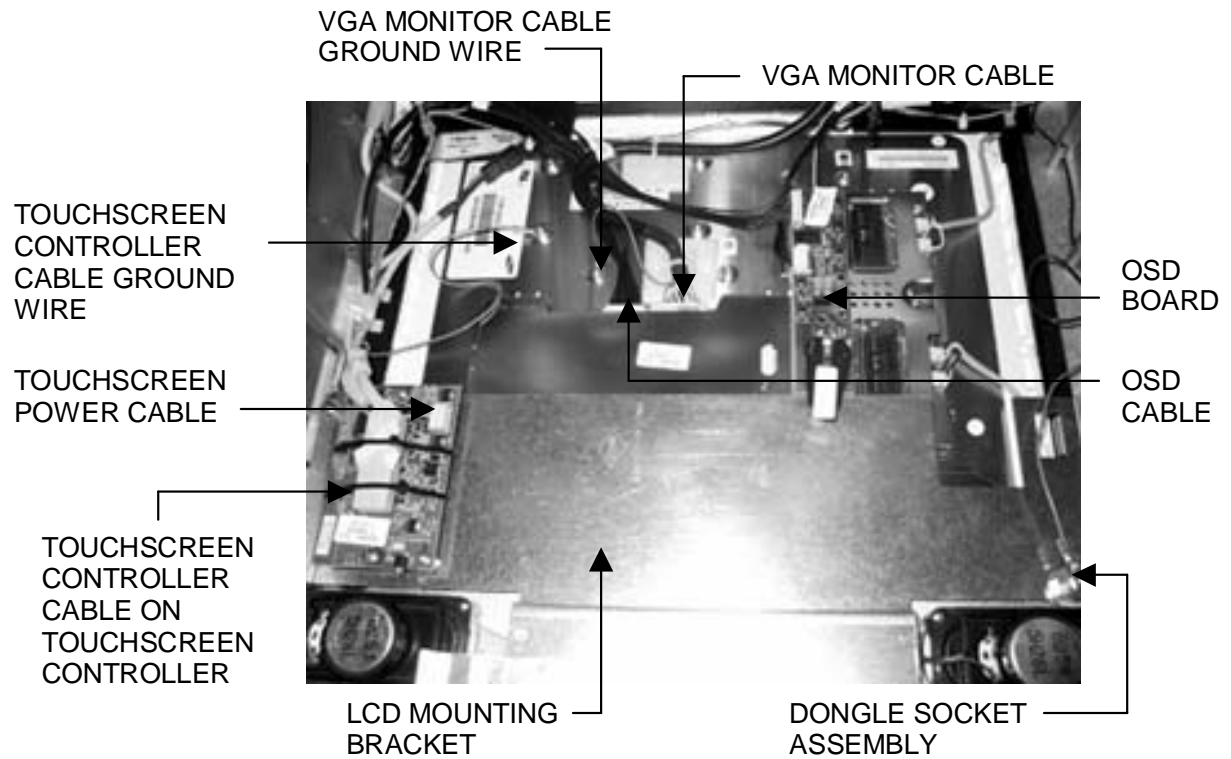


FIGURE 1 - CLOSEUP OF CPU SECTION

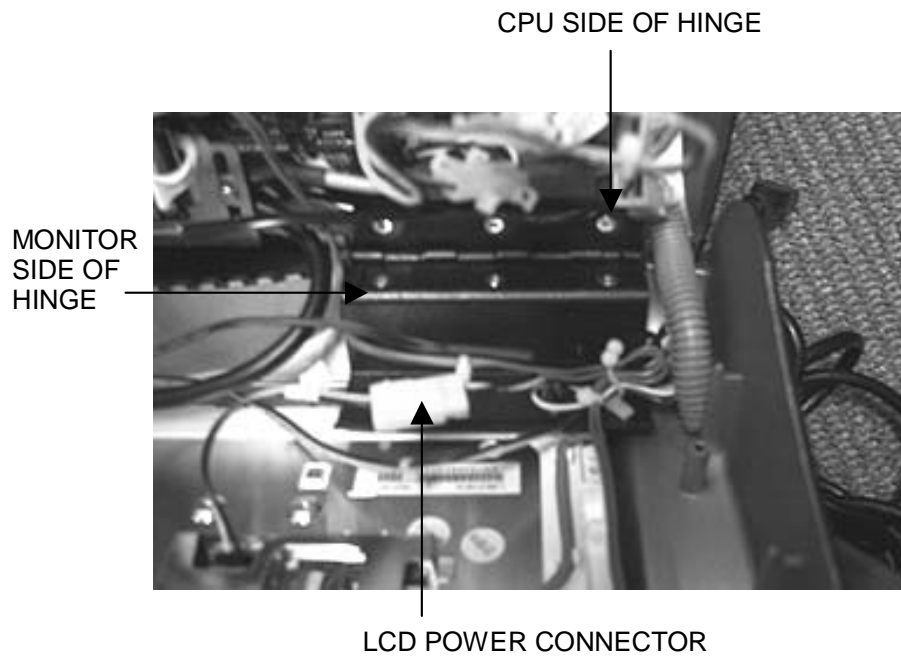


FIGURE 2 - CLOSEUP OF MONITOR HINGE