

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DEVICES

### **Removal/Installation of Monitor - FORCE EVO (all models)/EVO Walette/Elite Edge**

#### **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 and remove the bracket. Refer to Figure 1 for monitors with interior circuit boards and Figure 2 for monitors with exterior circuit boards. The bracket will not be reused.
4. Carefully cut the tie wrap around the VGA monitor cable, the OSD cable, and the setup/calibrate harness. See Figures 1 and 2.
5. Remove the ground screw attached to the VGA monitor cable, then disconnect the cable from the monitor and remove it from the cable clamp. Also disconnect the other end of the cable from the motherboard. See Figure 3 for monitors with interior circuit boards and Figures 4 and 5 for monitors with exterior circuit boards. NOTE: Monitors with exterior circuit boards will have the ground screw attached in one of two places. Be sure to refer to Figures 4 and 5.
6. Remove the OSD cable from the twist clamp and disconnect it from the OSD board. Then remove the OSD board from the velcro attached to the hinge and set it aside. See Figures 1 and 2.
7. Disconnect the LCD power connector. See Figures 3 and 4.
8. Remove the touchscreen controller ground screw under the hard drive (see Figures 3 and 4), then remove the touchscreen cable from the corrugated loom alongside the bezel.
9. Disconnect the touchscreen power connector (see Figures 3 and 4), then remove both the touchscreen controller cable and the touchscreen power cable from the clamp in the game.
10. Remove the 2 screws fastening the touchscreen controller to the mounting plate over the hard drive, then disconnect the cable from the back of the controller.
11. Loosen the 3 screws on the monitor side of the hinges in order to carefully raise the hinges and allow room to remove the monitor. See Figures 3 and 4.
12. Slide the monitor out of the bezel.
13. 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.

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### **Removal/Installation of Monitor - FORCE EVO (all models)**

2. Carefully place the touchscreen over the monitor in the same manner it was attached to the old 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. **Monitors with interior circuit boards:** Carefully slide the new monitor into the bezel with the white edge of the monitor closest to the hinges in the game. Make sure the monitor is properly centered, then tighten the hinge screws.  
**Monitors with exterior circuit boards:** Carefully slide the new monitor into the bezel with the A to D board on the left and the inverter board on the right (if you are facing the game--see Figure 2). Make sure the monitor is properly centered, then tighten the hinge screws.
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. See Figures 1 and 2.
5. Connect the touchscreen cable in the back of the controller, then mount the controller on the plate above the hard drive with the 2 screws.
6. Replace the touchscreen controller cable and the touchscreen power cable in the cable clamp, then connect the touchscreen power connector. See Figures 3 and 4.
7. Replace the touchscreen controller cable in the corrugated loom alongside the bezel, then replace the touchscreen controller ground screw under the hard drive. See Figures 3 and 4.
8. Connect the LCD power connector. See Figures 3 and 4.
9. Reattach the OSD board to the velcro on the hinge, then connect the new OSD cable to both the OSD board and the monitor. Secure the cable in the twist clamp. See Figures 1 and 2.
10. Connect the new VGA cable to both the monitor and the motherboard, then secure the cable in the clamp under the bottom left corner of the motherboard. Also replace the ground screw. See Figures 3-5. NOTE: Monitors with exterior circuit boards will have the ground screw attached in one of two places. Be sure to refer to Figures 4 and 5.
11. Tie wrap the VGA monitor cable, the OSD cable, and the setup/calibrate harness. See Figures 1 and 2.
12. Close and lock the CPU section.
13. Plug in and turn on the game.

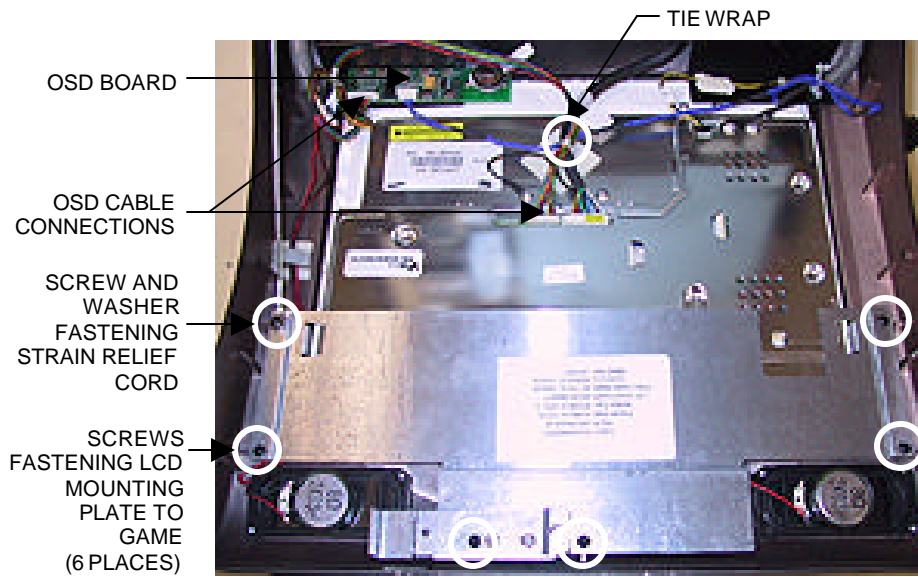


FIGURE 1 - CLOSEUP OF LCD MONITOR WITH INTERIOR CIRCUIT BOARDS

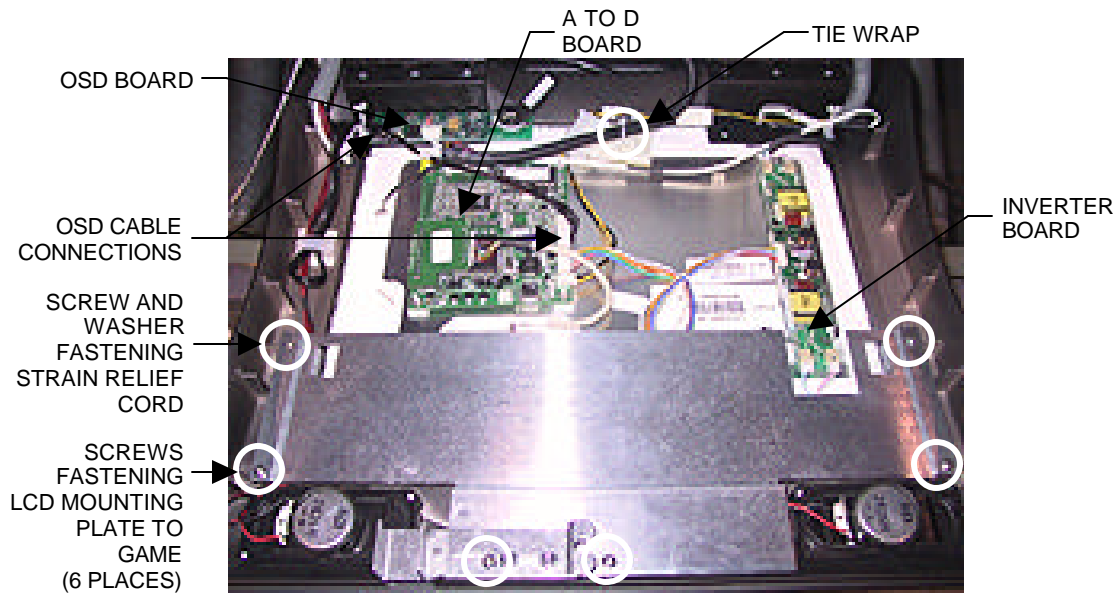


FIGURE 2 - CLOSEUP OF LCD MONITOR WITH EXTERIOR CIRCUIT BOARDS

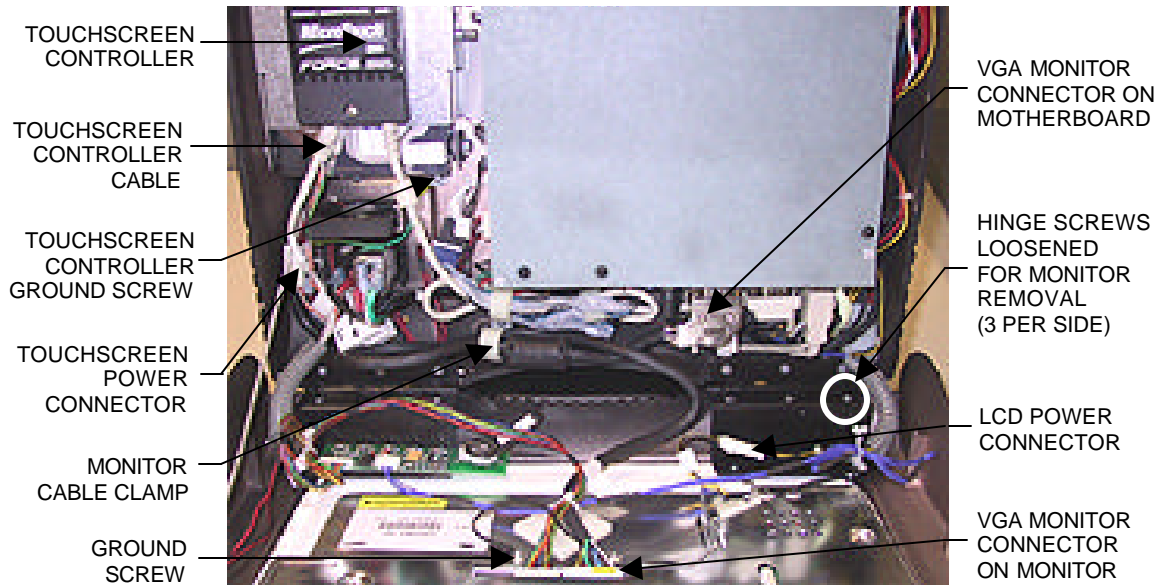


FIGURE 3 - CLOSEUP OF CPU SECTION, LCD MONITOR WITH INTERIOR CIRCUIT BOARDS

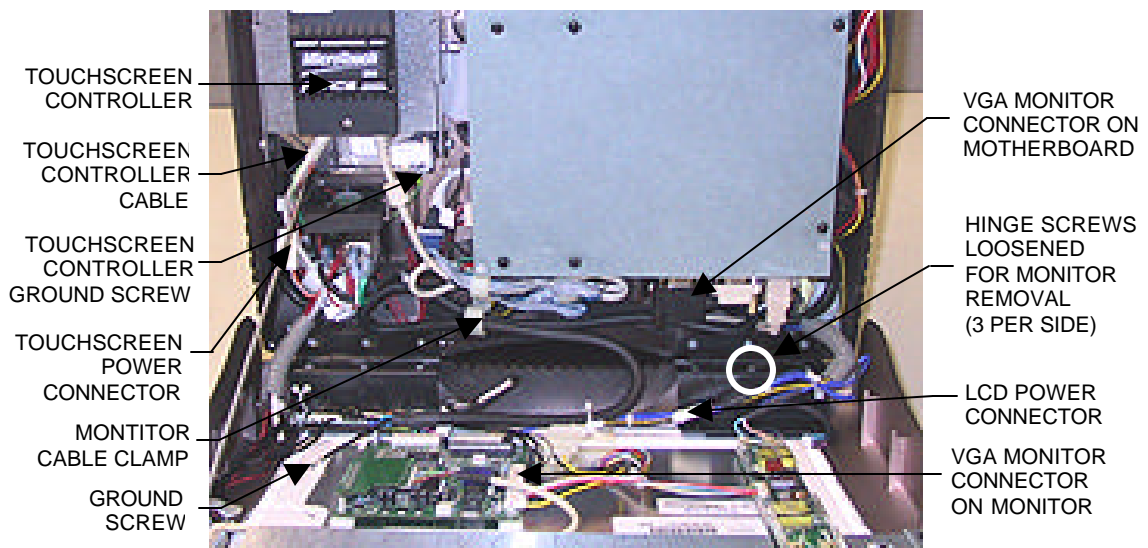


FIGURE 4 - CLOSEUP OF CPU SECTION, LCD MONITOR WITH EXTERIOR CIRCUIT BOARDS

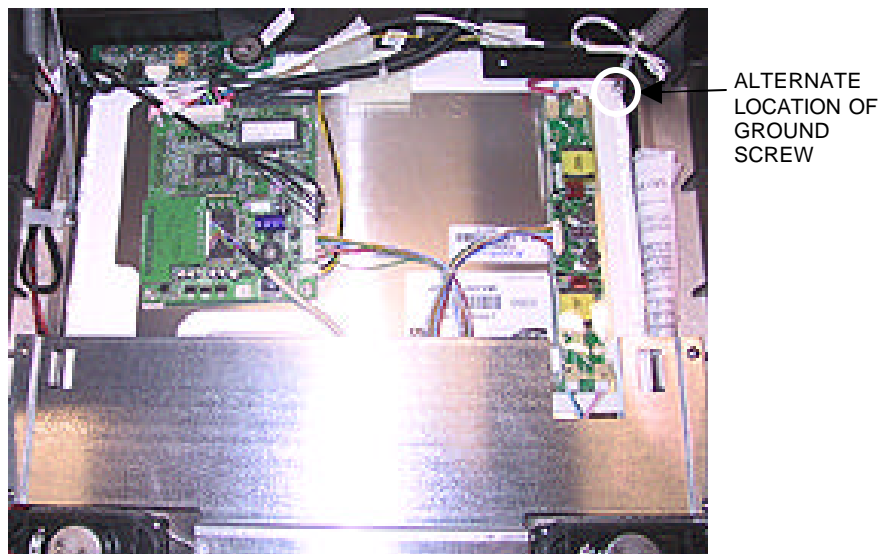


FIGURE 5 - CLOSEUP OF CPU SECTION, LCD MONITOR WITH EXTERIOR CIRCUIT BOARDS