

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DEVICES

### **Removal/Installation of Touchscreen - FORCE Upright Fusion**

#### **Touchscreen Removal (games without electronic boxes)**

1. Turn off and unplug the game.
2. Unlock and open the bezel.
3. Disconnect the VGA monitor connector and ground screw, the monitor control board connector, and the monitor power connector and also remove the cables from the 2 clamps attached to the monitor. See Figure 1.
4. Remove the screws fastening the touchscreen controller to the game and disconnect the cable from the back of the controller. Then locate and disconnect the Molex connector (orange and gray wires) running from the touchscreen controller cable to the main power harness. After disconnecting the ground screw, pull the cables out of the clamps. See Figures 2 and 3.
5. Remove the 10 screws securing the plastic bezel to the wooden frame (see Figure 1) and carefully remove the bezel from the game. Be careful not to damage the bezel with the coin cup during removal. NOTE: Keep track of all hardware removed in the touchscreen replacement process.
6. Place the bezel assembly upside-down on a flat surface and remove the 10 screws fastening the LCD monitor to the bezel (remember which 2 screws also fasten cable clamps), then remove the monitor from the bezel. See Figure 4. NOTE: Be sure the glass is not scratched when setting the monitor aside.
7. Note the orientation of the touchscreen cable before removing the screen. Then use dental floss to carefully cut the foam tape holding the touchscreen to the monitor until you are able to completely remove the screen. Once the touchscreen is completely free from the monitor, remove any residual foam tape from the monitor with denatured alcohol.

#### **Touchscreen Installation (games without electronic boxes)**

1. 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 as the old screen, making sure the screen is properly and evenly aligned over the glass. Then clean the front of the screen with the supplied alcohol wipe.
3. Place the new LCD monitor in the bezel (make sure it is not upside-down), lining up the screw holes on the face of the mounting frame with the larger, drilled holes on the plastic mounting pieces (see Figure 5), and fasten it with the 10 screws. Also replace the cable clamps in the appropriate screw holes (see Figure 4).
4. Carefully replace the plastic bezel assembly in the game, making sure the coin cup protrudes into the lower cutout and no wires are pinched, then secure it to the wooden frame with the 10 screws (see Figure 1).
5. Connect the touchscreen controller cable in the back of the controller and secure the controller in the game with the existing hardware. Then connect the Molex connector (orange and gray

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wires) to the main power harness and attach the ground screw. Replace the cables in the clamps as before. See Figure 3.

6. Reconnect the VGA monitor connector and ground screw (do not overtighten), the monitor control board connector, and the monitor power connector (see Figure 1) and replace the cables in the 2 clamps attached to the monitor.
7. Plug in and turn on the game.
8. When the game is finished booting, press the CALIBRATE button.
9. Close and lock the bezel, then calibrate the touchscreen.

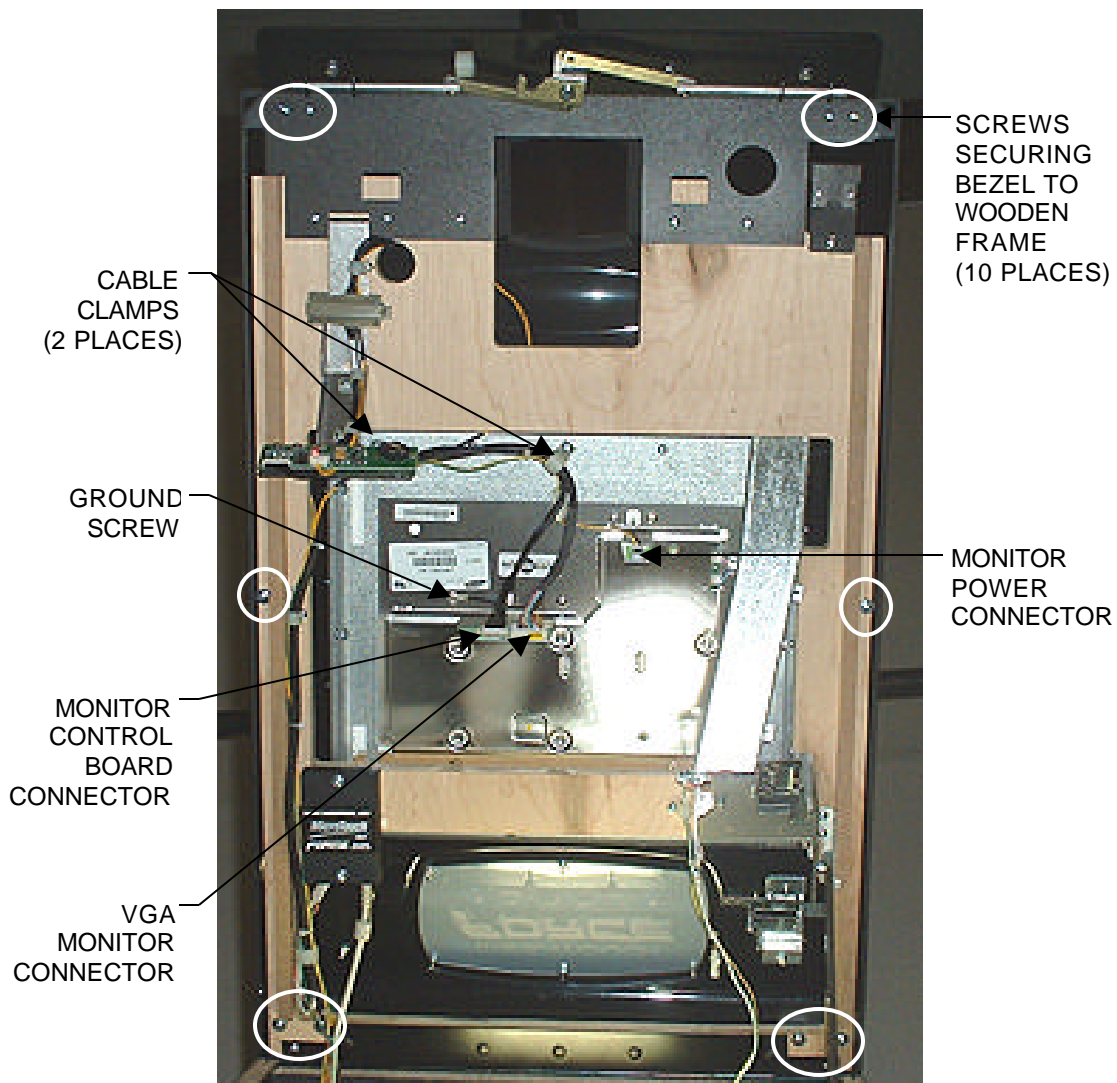


FIGURE 1 - UNDERSIDE OF BEZEL

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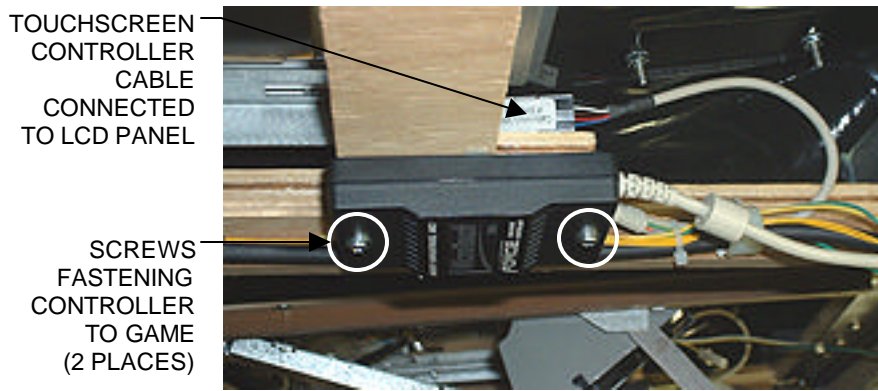


FIGURE 2 - CLOSEUP OF TOUCHSCREEN CONNECTOR MOUNTED ON BEZEL

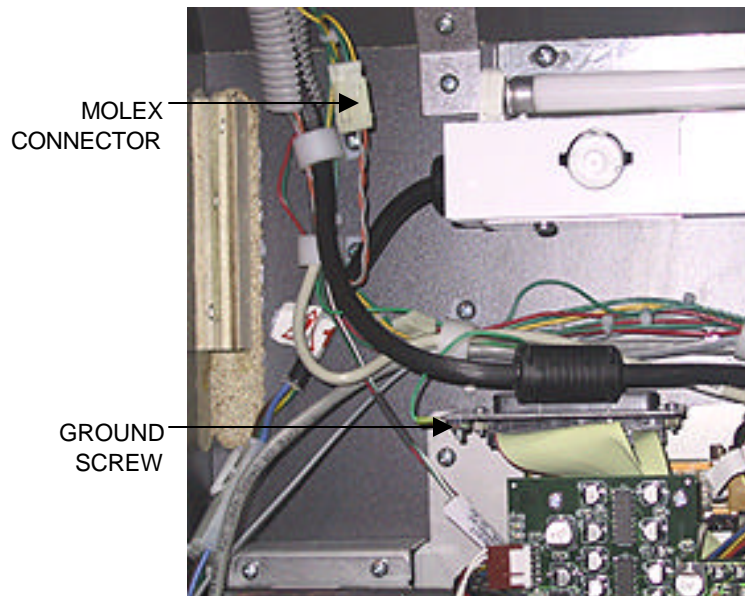


FIGURE 3 - CLOSEUP OF CPU SECTION

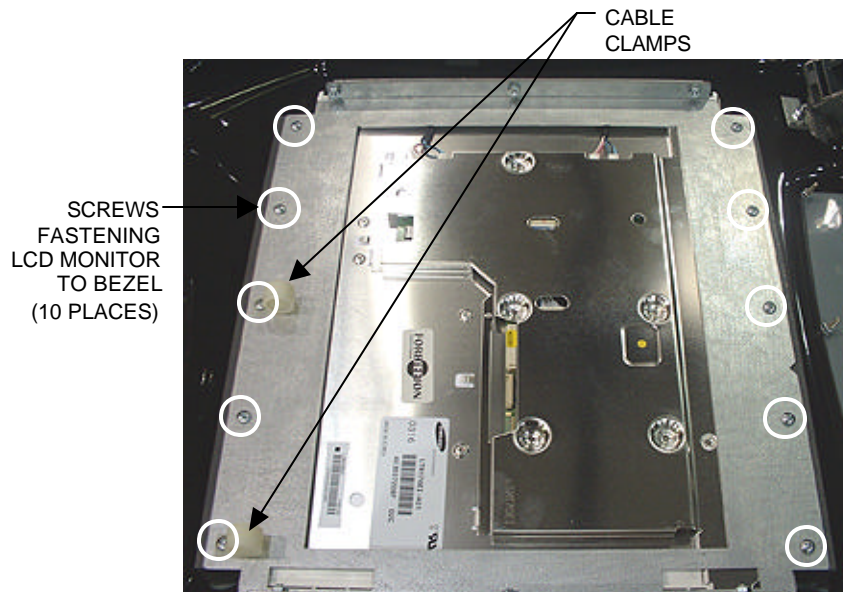


FIGURE 4 - UNDERSIDE OF MONITOR

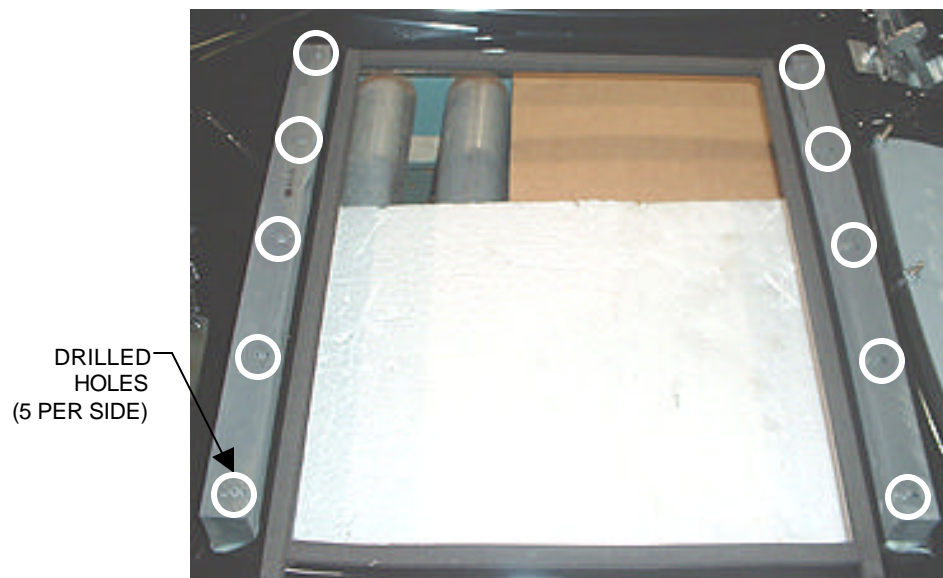


FIGURE 5 - FORCE FUSION - PLASTIC MOUNTING PIECES ON BEZEL