

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

### **Removal/Installation of Major Assemblies - Ion Fusion**

#### **Power Supply Removal**

1. Turn off and unplug the game.
2. Unlock and open the bezel.
3. Disconnect the 3 fan connections on the face of the electronics box. See Figure 1.

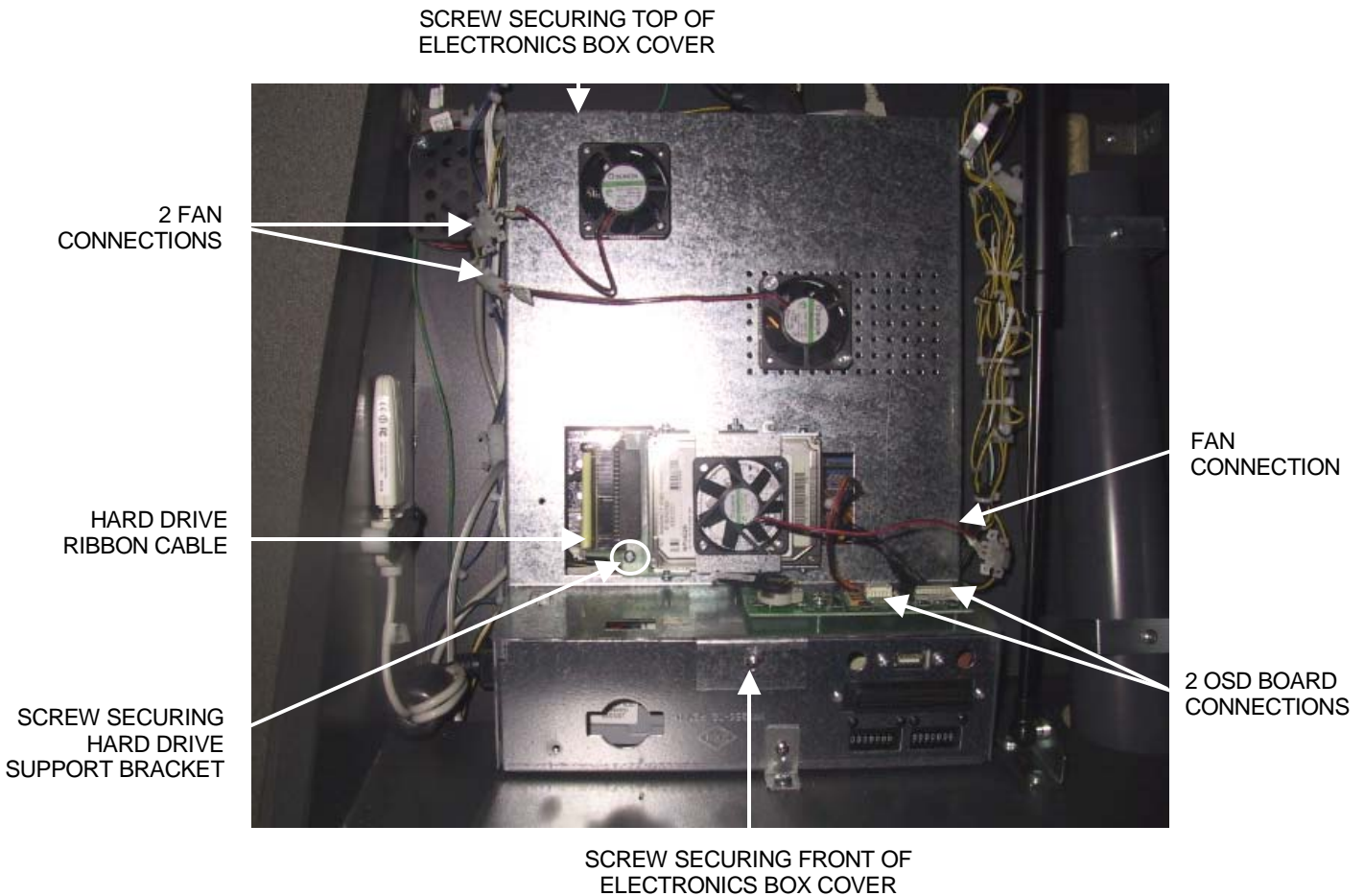


FIGURE 1 - ELECTRONICS BOX WITH COVER

4. Disconnect the 2 OSD board connections. See Figure 1.
5. Loosen the screw securing the hard drive support bracket. See Figure 1.
6. Disconnect the hard drive ribbon cable from the hard drive. See Figure 1.
7. Remove the 2 screws securing the electronics box cover. See Figure 1. Remove the cover.
8. Disconnect all connections from the I/O board, noting their locations. See Figure 2.

#### **Troubleshooting Information - Removal/Installation of Major Assemblies - Ion Fusion**

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**Removal/Installation of Major Assemblies -  
Ion Fusion (cont'd)**

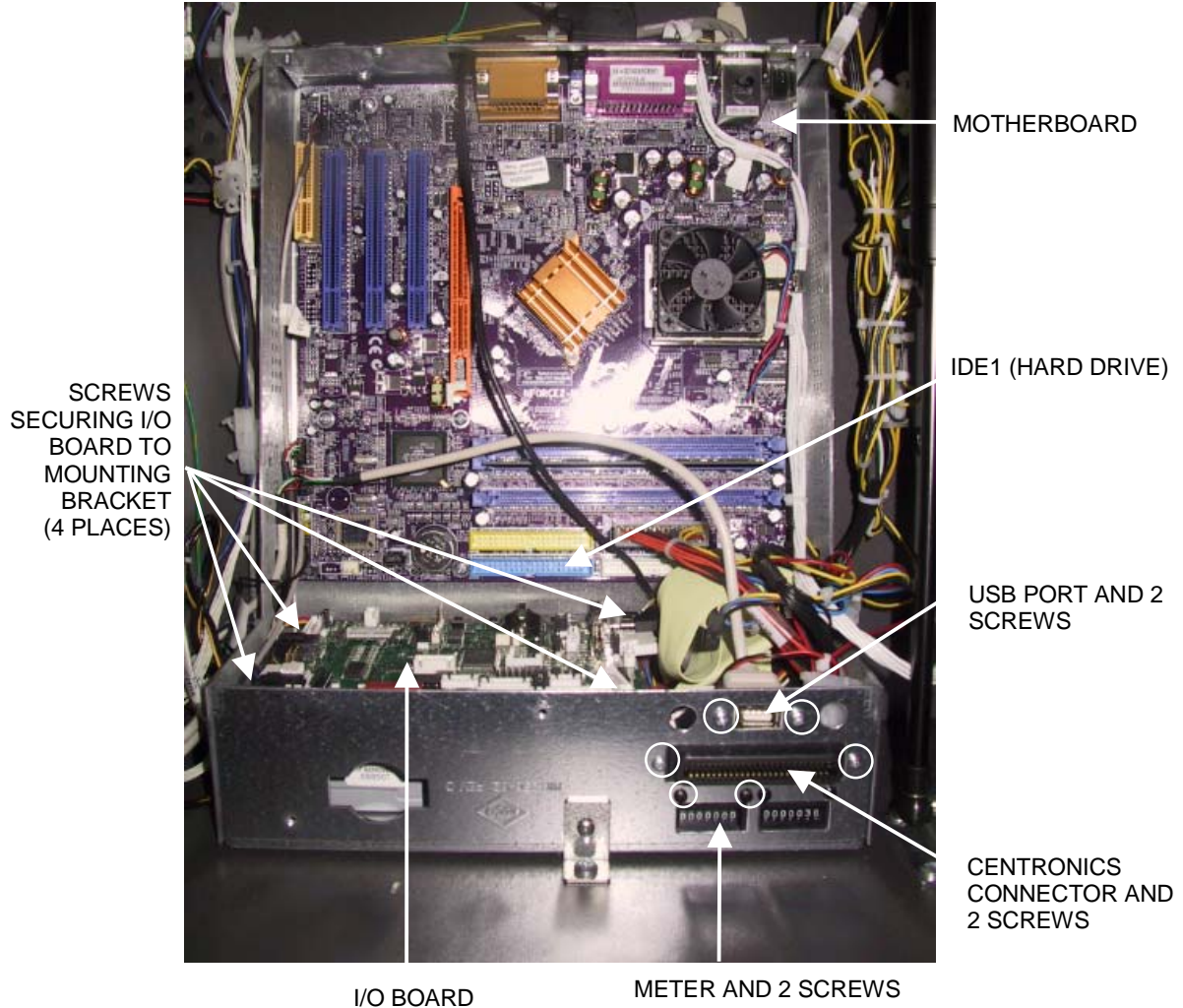


FIGURE 2 - ELECTRONICS BOX WITH COVER REMOVED

9. Remove the 4 screws securing the I/O board to the power supply mounting bracket. See Figure 2. Remove the I/O board from the electronics box.
10. Disconnect the hard drive ribbon cable from IDE1 on the motherboard. See Figure 2.
11. Remove the 2 screws securing the USB port to the electronics box. See Figure 2. Move the USB connector out of the way of the power supply mounting bracket.
12. Remove the 2 screws securing the Centronics connector to the electronics box. See Figure 2. Remove the Centronics connector from the electronics box.
13. Remove the 2 screws securing the left-hand meter to the electronics box. See Figure 2. Remove the meter from the electronics box.

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**Removal/Installation of Major Assemblies -  
Ion Fusion (cont'd)**

14. Disconnect the power cord from the power supply; also disconnect the 4-pin and 20-pin connector harnesses connecting the power supply to the game. See Figure 3.

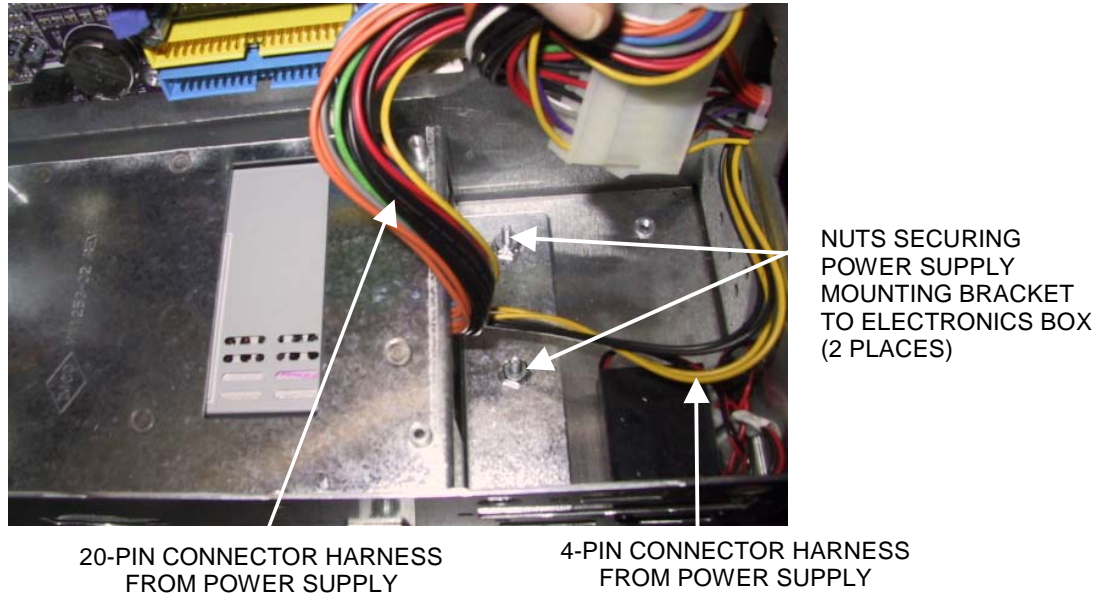


FIGURE 3 - POWER SUPPLY MOUNTING BRACKET INSIDE ELECTRONICS BOX

15. Remove the 2 hex nuts securing the power supply/mounting bracket assembly to the electronics box. See Figure 3. Shift the assembly to the right; lift it up and out of the electronics box.
16. Detach the power supply mounting bracket from the power supply (see Figure 4), and set the power supply aside.



FIGURE 4 - POWER SUPPLY AND MOUNTING BRACKET

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**Removal/Installation of Major Assemblies -  
Ion Fusion (cont'd)**

**Power Supply Installation**

1. Feed the 4-pin and 20-pin connector harnesses running from the new power supply through the window on the power supply mounting bracket. Snap the power supply mounting bracket onto the new power supply. See Figure 4.
2. Place the power supply/mounting bracket assembly in the electronics box. See Figure 3. Slide the bracket assembly to the left so that the tab on the bracket fits into the slot on the electronics box. Secure the bracket to the electronics box with the 2 hex nuts. See Figure 3.
3. Reconnect the power cord to the power supply. Connect the 4-pin and 20-pin connector harnesses from the power supply to their mating connectors.
4. Secure the meter to the electronics box with 2 screws. See Figure 2.
5. Secure the Centronics connector to the electronics box with 2 screws. See Figure 2.
6. Secure the USB port to the electronics box with 2 screws. See Figure 2.
7. Reconnect the hard drive ribbon cable to the motherboard at IDE1. See Figure 2.
8. Reconnect all connections to the I/O board. Replace the I/O board inside the electronics box and secure with 4 screws. See Figure 2.
9. Replace the electronics box cover, making sure that the hard drive ribbon cable (with the writing facing out) and 2 OSD connectors feed through the window on the cover. Secure the cover with 2 screws. See Figure 1.
10. Reconnect the hard drive ribbon cable to the hard drive. Tighten the screw securing the hard drive support bracket. Restore the 2 OSD connections, and reconnect the 3 fans on the face of the electronics box. See Figure 1.
11. Close and lock the bezel.
12. Plug in and turn on the game.