ATTENTION:

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

Removal/Installation of Major Assemblies -
Ion Aurora

Bill Acceptor Removal

1. Turn off and unplug the game.

2. Unlock the rear door and open if it is hinged, or remove if it is detachable.

3. Reach under the center of the top of the cover to locate the rotary draw latch (see Figure 1). Turn the wing on the latch counterclockwise to disengage.
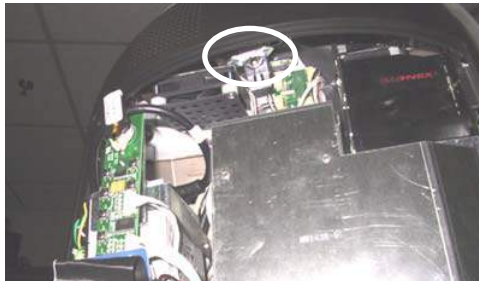

FIGURE 1 - ROTARY DRAW LATCH INSIDE TOP COVER

4. Unscrew the screw located in the center of the bottom of the cover (see Figure 2). Slowly lift the cover and disconnect the ground wire.

FIGURE 2 - SCREW IN CENTER OF BOTTOM COVER

5. Disconnect the power cord from the power supply. Remove the wing nut securing the OSD board and detach the board from the Velcro on the power supply bracket. Carefully set the OSD board aside. See Figure 3.

POWER SUPPLY CORD
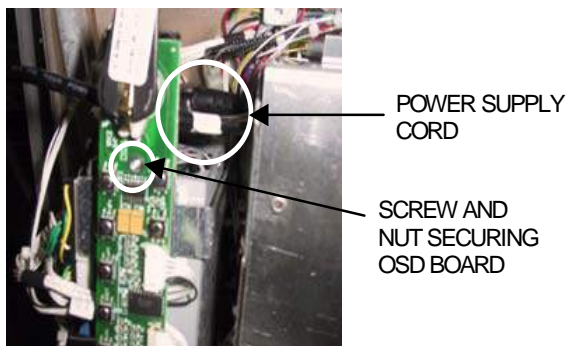
SCREW AND NUT SECURING OSD BOARD

FIGURE 3 - OSD BOARD

6. Remove the electronics tray by unscrewing the thumbscrew located in the middle of the rear of the tray and sliding the tray out. See Figure 4.

ATTENTION:
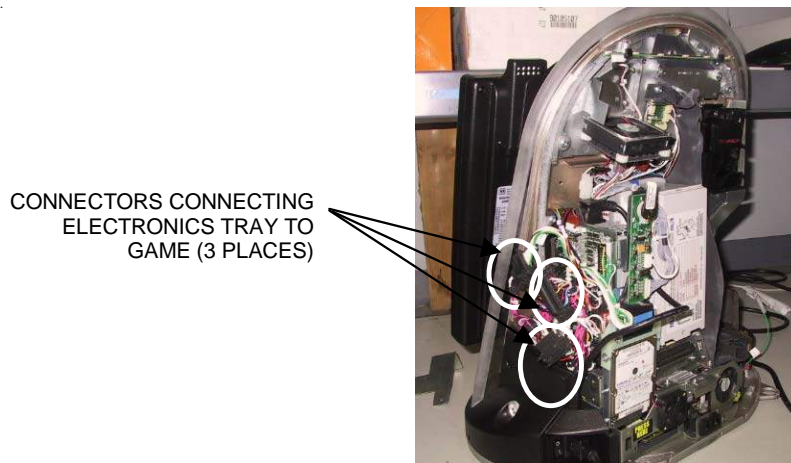OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

THUMBSCREW
SECURING
ELECTRONICS TRAY

FIGURE 4 - REAR VIEW OF ELECTRONICS TRAY

7. If applicable, disconnect the three black connectors (10-, 11- and 12-pin) connecting the electronics tray to the game in order to slide the tray out further (see Figure 5). If your game does not have these connectors, the harness is long enough to remove the tray.

CONNECTORS CONNECTING
ELECTRONICS TRAY TO
GAME (3 PLACES)

FIGURE 5 - REAR VIEW OF GAME

8. Unlock and remove the cash bracket, if applicable. Pull out the bill acceptor magazine by pushing in the blue button at the top of the acceptor and lifting the magazine up and out. See Figure 6.

BLUE BUTTON

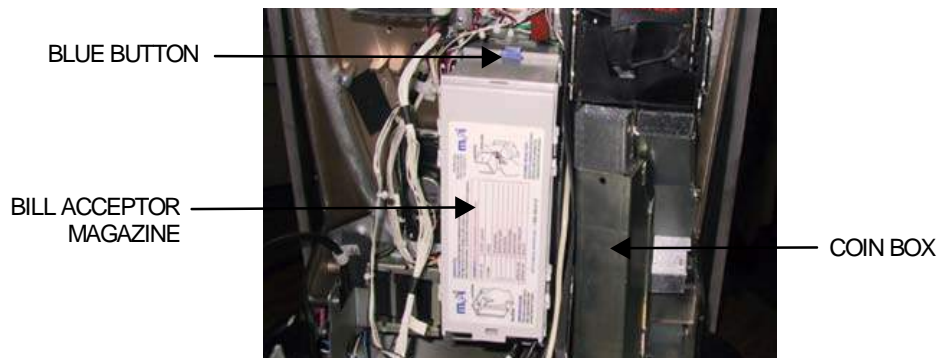BILL ACCEPTOR
MAGAZINE

COIN BOX

FIGURE 6 - CASH TOWER SECTION WITH BRACKET REMOVED

9. Remove the coin box, if applicable, to access the bill acceptor screws, then remove the 4 screws fastening the bill acceptor to the game (one on each side and two on the bottom). Carefully remove the bill acceptor from the game. See Figures 6 and 7.

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<u>ATTENTION:</u>
OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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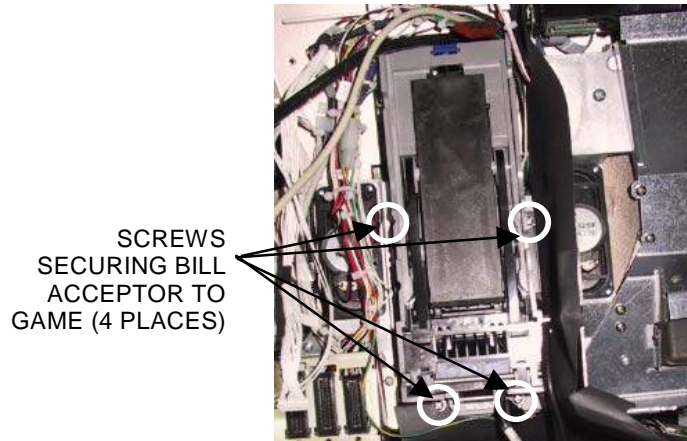

SCREWS SECURING BILL ACCEPTOR TO GAME (4 PLACES)

FIGURE 7 - BILL ACCEPTOR WITH MAGAZINE REMOVED

10. Disconnect the power connector (green/white/black wires) from the side of the bill acceptor. See Figure 8.
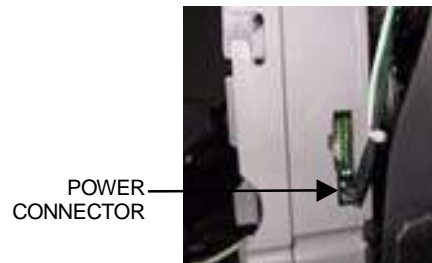

POWER CONNECTOR

FIGURE 8 - POWER CONNECTOR ON SIDE OF BILL ACCEPTOR

11. Remove the bill acceptor fill panel from the bill acceptor bezel. Remove the 4 screws securing the bill acceptor bezel to the front of the bill acceptor. Screws are located above and beneath the acceptor. Remove the bezel and the metal mounting plate underneath. See Figures 9 and 10.
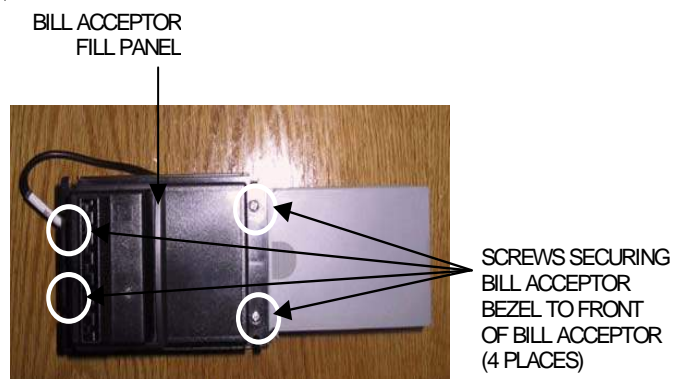

BILL ACCEPTOR FILL PANEL

SCREWS SECURING BILL ACCEPTOR BEZEL TO FRONT OF BILL ACCEPTOR (4 PLACES)

FIGURE 9 - FRONT VIEW OF BILL ACCEPTOR

ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

FIGURE 10 - SIDE VIEW OF BILL ACCEPTOR

Bill Acceptor Installation

1. Remove the magazine from the new bill acceptor.

2. Line up the bezel's mounting plate on the front of the new bill acceptor; see Figure 11 for proper orientation. Line up the bezel on top of the mounting plate and secure to the bill acceptor with 4 screws (see Figure 9). Replace the bill acceptor fill panel on the bezel as shown in Figure 10.

FIGURE 11 - METAL MOUNTING PLATE UNDERNEATH BILL ACCEPTOR BEZEL

3. Attach the power connector to the new bill acceptor (see Figure 8). This connector can only be connected one way. Secure the new bill acceptor assembly to the game with 4 screws. See Figure 7.

4. Replace the bill acceptor magazine. See Figure 6 for proper orientation.

5. Replace the coin box, if applicable. Replace the cash bracket, if applicable, and lock it in place.

6. Slide the electronics tray back into place, making sure that the connectors on the back of the hard drive bracket click into the connectors on the wall of the game, if applicable (see Figure 12). If you disconnected three connectors from the electronics tray to the game (see Figure 5), reconnect them. Secure the tray by screwing in the thumbscrew. See Figure 4.

ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

CONNECTORS ON GAME (3 PLACES)

CONNECTORS ON BACK OF HARD DRIVE (3 PLACES)

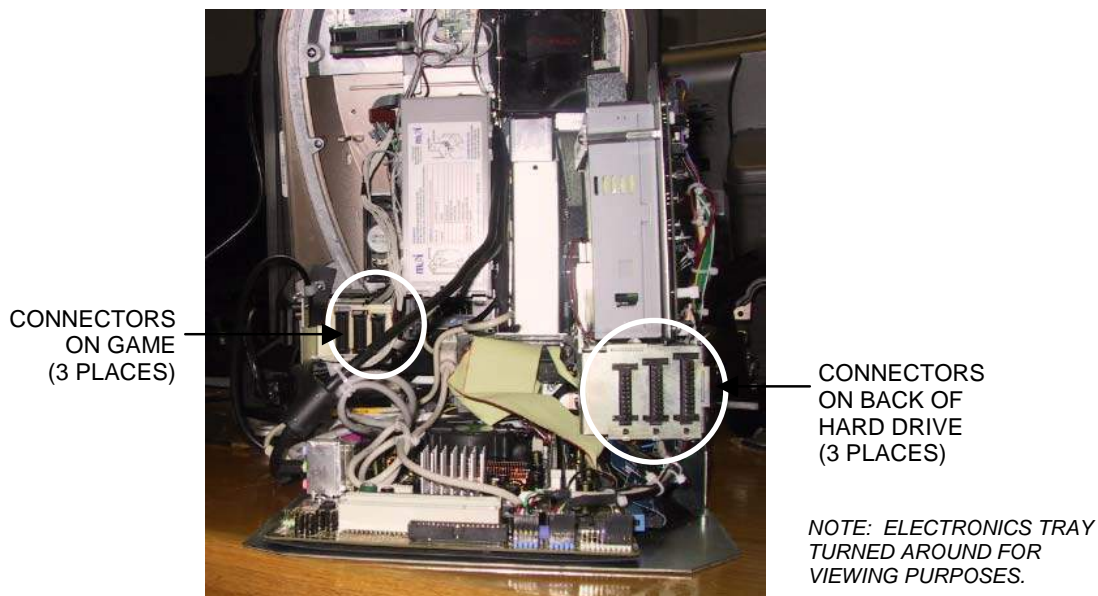*NOTE: ELECTRONICS TRAY TURNED AROUND FOR VIEWING PURPOSES.*

FIGURE 12 - CONNECTORS ON BACK OF HARD DRIVE BRACKET AND WALL OF GAME

7. Reconnect the power cord to the power supply. Reattach the OSD board to the Velcro on the power supply bracket and secure with one wing nut. See Figure 3.

8. Reconnect the ground wire to the rear cover and lower the cover into place, carefully lining up the 2 tabs on the cover with the 2 mating holes on the sides of the game (see Figure 13). Make sure that the plastic lip on the bottom of the rear cover is behind the metal base.

TAB

MATING HOLE

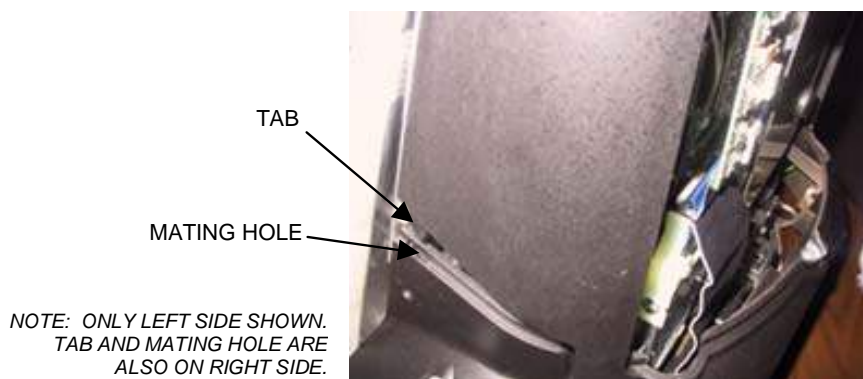*NOTE: ONLY LEFT SIDE SHOWN. TAB AND MATING HOLE ARE ALSO ON RIGHT SIDE.*

FIGURE 13 - SIDE VIEW OF GAME

Tighten the screw securing the bottom of the door (Figure 2), then turn the wing on the draw latch clockwise to engage the latch (see Figure 1).

9. Close (or reattach) and lock the rear door.

10. Plug in and turn on the game.

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