

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

#### **Hard Drive Removal**

**IMPORTANT NOTE:** If you are replacing a PATA hard drive with a SATA hard drive, please see “PATA to SATA Hard Drive Conversion”.

#### ***Hard Drive Identification:***

To determine whether your hard drive is quick-click or non-quick-click, look for a light gray adapter between the hard drive adapter and the hard drive mounting bracket. See Figure 1. If there is such an adapter, then you have a quick-click hard drive; if not, then your hard drive is non-quick-click. The PATA hard drive with a clamp will simply have a clamp as shown in Figure 1. The SATA hard drive is also shown in Figure 1. The SATA is easily identifiable by the lack of a hard drive ribbon cable and adapter.

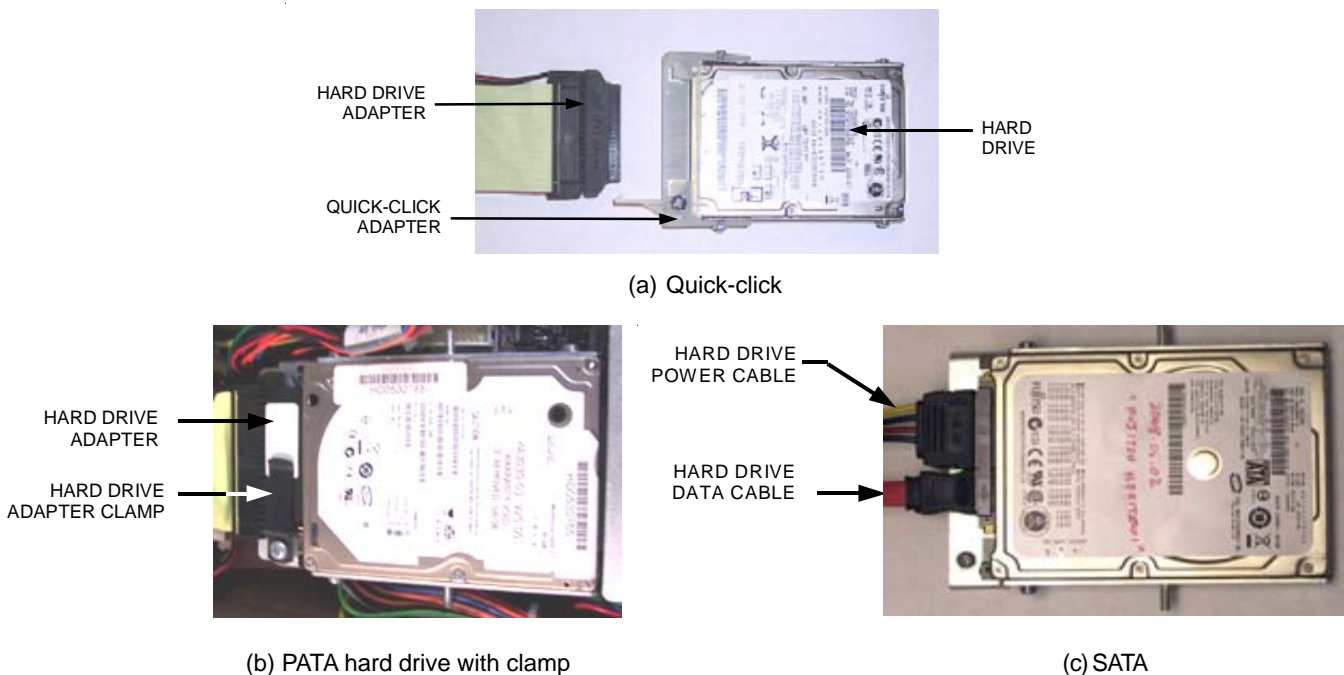


FIGURE 1 - HARD DRIVES

#### **Quick-Click Hard Drive Removal**

1. If you are connected to Tournamaxx or Tournachamp you must perform an **Update From Server** before removing the hard drive so that no information is deleted.
2. Turn off and unplug the game.

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

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

3. Unlock the rear door and open if it is hinged, or remove if it is detachable.
4. Disconnect the hard drive adapter, with the attached ribbon cable, from the hard drive. See Figure 2. Remove the screw (through the quick-click adapter) securing the hard drive to the mounting plate. Remove the hard drive and the attached bracket from the mounting plate by sliding the assembly up and off the plate.

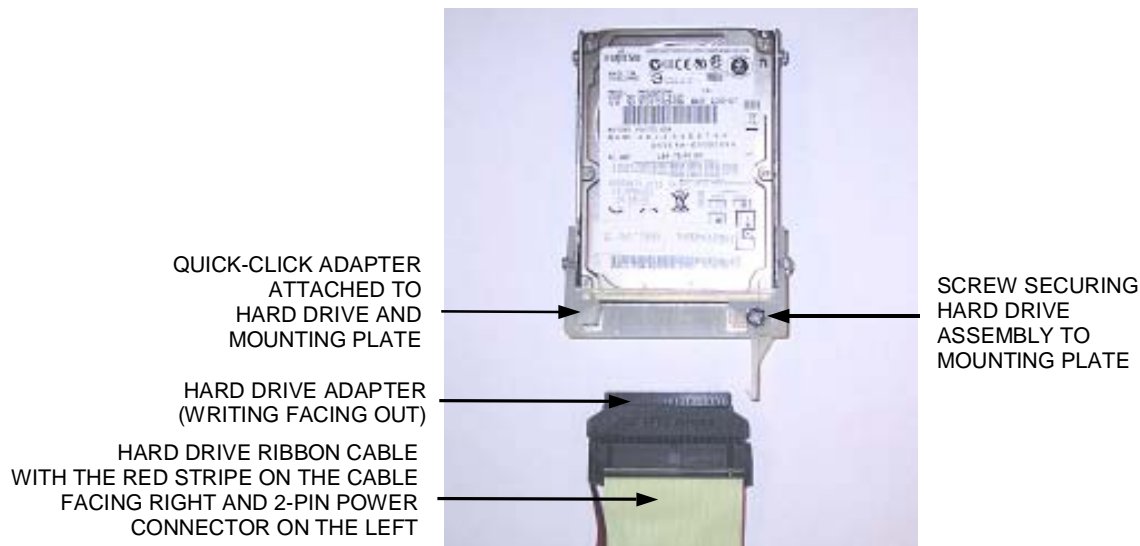


FIGURE 2 - QUICK-CLICK HARD DRIVE ASSEMBLY CONNECTION

### **Quick-Click Hard Drive Installation**

1. Attach the hard drive ribbon cable in the game to the new hard drive by lining up the left side of the hard drive adapter with the pins on the hard drive, and then carefully inserting it all the way into the quick-click adapter (see Figure 2 for proper orientation). Make sure that the writing on the adapter is facing out, and that the white stripe on the cable is on the left.
2. Slide the new hard drive assembly onto its mounting plate and secure in place with 1 screw (see Figure 2).
3. Close (or reattach) and lock the rear door.
4. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.
5. If you are connected to TournaMAXX or TournaCHAMP you must re-enter the dial-in settings after completing the software upgrade. After entering the settings, make the initial call into the server and then perform two **Updates From Server**. Refer to the MegaNet manual for information on how to perform these functions.

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

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

#### **PATA Hard Drive (with clamp) Removal**

1. If you are connected to TournaMAXX or TournaCHAMP you must perform an **Update From Server** before removing the hard drive so that no information is deleted.
2. Turn off and unplug the game.
3. Unlock the rear door and open if it is hinged, or remove if it is detachable.
4. Remove the screw securing the hard drive mounting bracket to its mounting plate (see Figure 3). This screw will not be reused.
5. Remove the hard drive from its mounting plate by sliding the assembly up and off the mounting plate. Disconnect the hard drive adapter and attached ribbon cable from the hard drive (see Figure 3). Then, separate the hard drive adapter from the ribbon cable and 2-pin power cable. This hard drive adapter will not be reused.

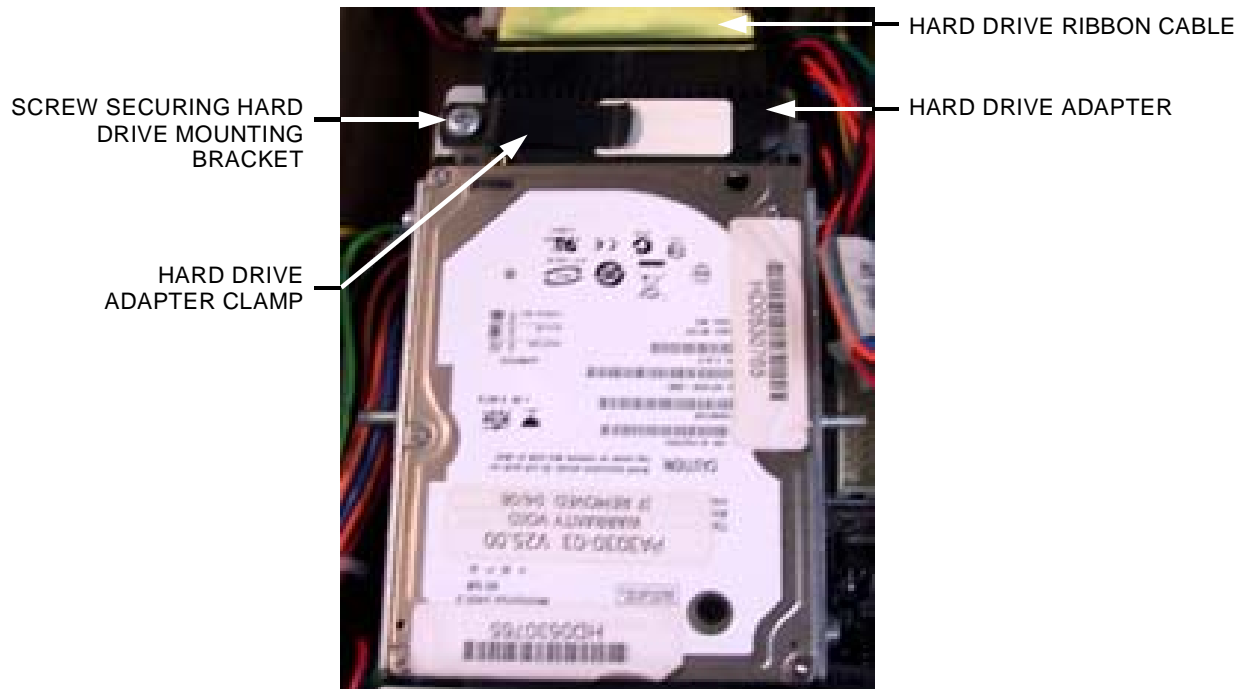


FIGURE 3 - CLOSEUP OF PATA HARD DRIVE

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

#### **PATA Hard Drive (with clamp) Installation**

1. Attach the 2-pin power cable in the game to the new hard drive adapter, which comes attached to the new hard drive. Do so by locating the two stand-alone pins on the hard drive adapter, and then sliding the 2-pin adapter onto these pins (for help, see the label on the hard drive adapter - see Figure 3). Note: The black wire on the power cord **MUST** be facing toward the label side of the hard drive adapter. Failure to do so could result in a damaged hard drive.
2. Attach the hard drive ribbon cable in the game to the new hard drive. Do so by lining up the pins on the hard drive adapter with the mating holes on the ribbon cable (the red stripe on the ribbon cable should be on the side opposite the power cable). Carefully insert the ribbon cable all the way into the adapter so that it is fully seated. See Figure 3.
3. Slide the new hard drive assembly onto the game's mounting plate. Be sure that the hard drive is flush to the mounting plate when doing so. Both the label on the plastic of the hard drive adapter and the label on the hard drive itself should be facing out. Align the hole in the mounting bracket with the hole on the mounting plate, then secure the supplied screw, washer, and clamp to the mounting plate. The clamp should rest on the hard drive adapter, holding it in place when screwed in tightly. See Figure 3.
4. Close (or reattach) and lock the rear door.
5. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.
6. If you are connected to Tournamaxx or Tournachamp you must re-enter the dial-in settings after completing the software upgrade. After entering the settings, make the initial call into the server and then perform two **Updates From Server**. Refer to the MegaNet manual for information on how to perform these functions.

## **ATTENTION:**

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

#### **SATA Hard Drive Removal**

1. If you are connected to Tournamaxx or Tournachamp you must perform an **Update From Server** before removing the hard drive so that no information is deleted.
2. Turn off and unplug the game.
3. Unlock and open the rear door.
4. Remove the screw securing the hard drive mounting bracket to its mounting plate (see Figure 4).
5. Disconnect the hard drive data cable and hard drive power cable from the hard drive. Remove the hard drive from its mounting plate by sliding the assembly up and off the mounting plate.

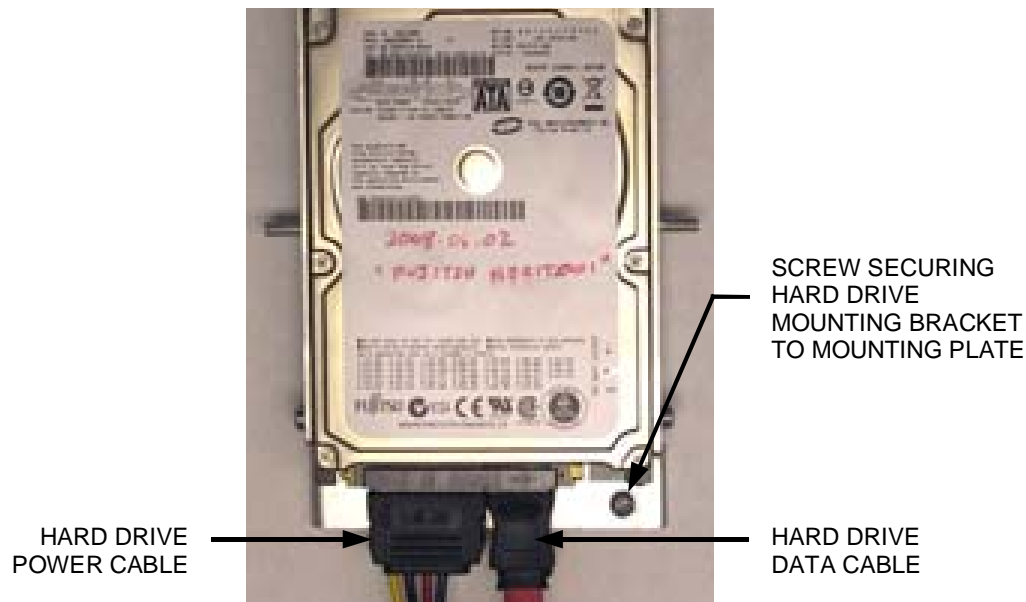


FIGURE 4 - CLOSEUP OF SATA HARD DRIVE

#### **SATA Hard Drive Installation**

1. Slide the hard drive assembly onto the game's mounting plate and screw it into place to secure it (see Figure 4).
2. Attach the hard drive data and power cables (see Figure 4).
3. Close and lock the rear door.
4. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.
5. If you are connected to Tournamaxx or Tournachamp you must re-enter the dial-in settings after completing the software upgrade. After entering the settings, make the initial call into the server and then perform two **Updates From Server**. Refer to the MegaNet manual for information on how to perform these functions.

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