ATTENTION:

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

Removal/Installation of Major Assemblies - Ion Fusion

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 identifable by the lack of a hard drive ribbon cable and adapter.
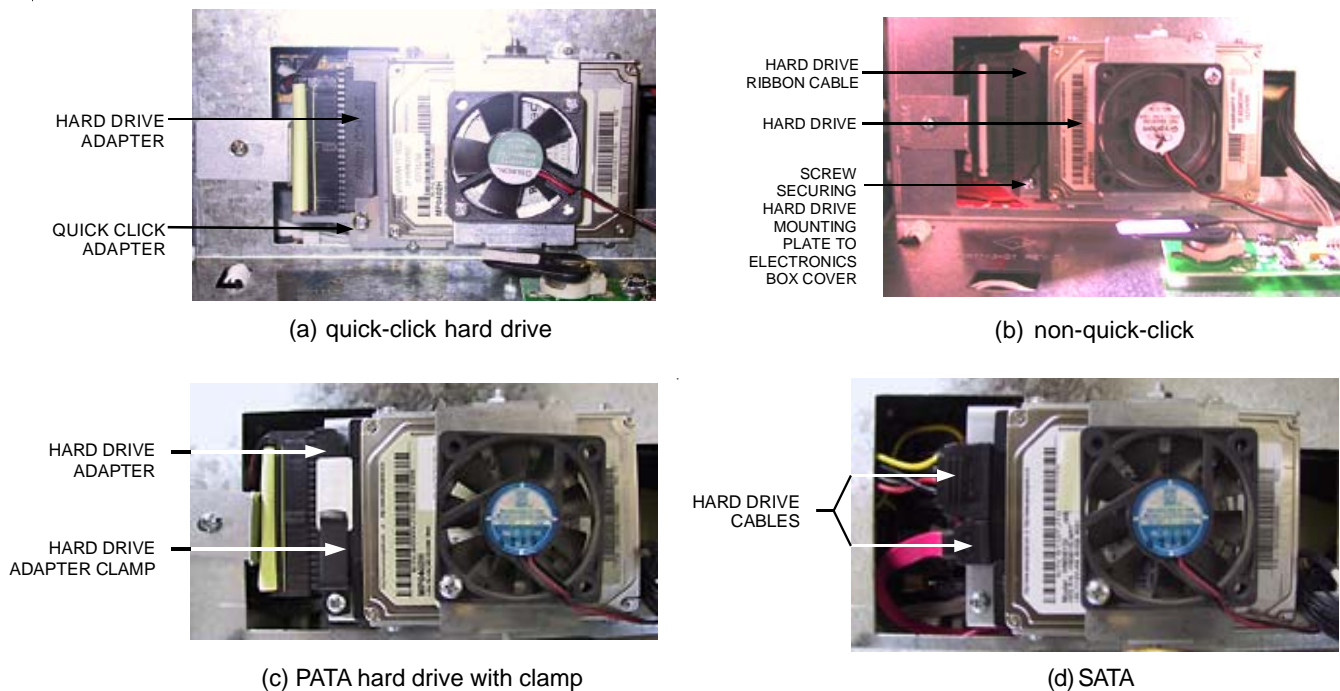

HARD DRIVE ADAPTER

QUICK CLICK ADAPTER

(a) quick-click hard drive

HARD DRIVE RIBBON CABLE

HARD DRIVE

SCREW SECURING HARD DRIVE MOUNTING PLATE TO ELECTRONICS BOX COVER

(b) non-quick-click

HARD DRIVE ADAPTER

HARD DRIVE ADAPTER CLAMP

(c) PATA hard drive with clamp

HARD DRIVE CABLES

(d) SATA

FIGURE 1 - HARD DRIVES

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

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

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.

3. Unlock and open the front bezel.

4. Loosen the screw on the hard drive support bracket and disconnect the hard drive adapter, with the attached ribbon cable, from the hard drive (see Figure 2).
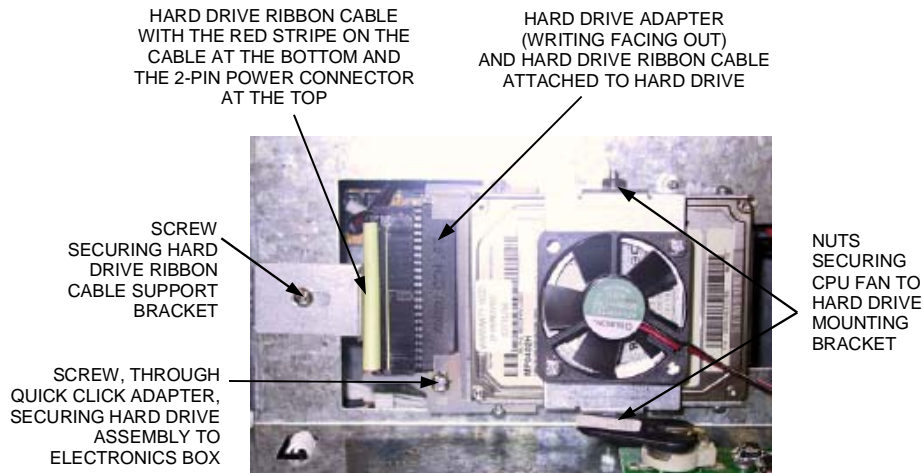

FIGURE 2 - QUICK-CLICK HARD DRIVE ASSEMBLY ON ELECTRONICS BOX

5. Remove the screw securing the hard drive mounting bracket to the electronics box, then slide the hard drive assembly off the electronics box cover. This mounting screw will not be reused.

6. Separate the CPU fan mounting plate from the hard drive mounting bracket by removing the 2 nuts (see Figure 2).

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

Quick-Click Hard Drive Installation

1. Reattach the CPU fan mounting plate to the supplied hard drive assembly with the 2 existing nuts (see Figure 2).

2. Attach the hard drive ribbon cable on the electronics box to the supplied 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 3 for proper orientation).

QUICK-CLICK ADAPTER ATTACHED TO HARD DRIVE AND MOUNTING PLATE

SCREW SECURING HARD DRIVE ASSEMBLY TO MOUNTING PLATE

HARD DRIVE ADAPTER (WRITING FACING OUT)

HARD DRIVE RIBBON CABLE WITH THE RED STRIPE ON THE CABLE FACING RIGHT AND 2-PIN POWER CONNECTOR ON THE LEFT
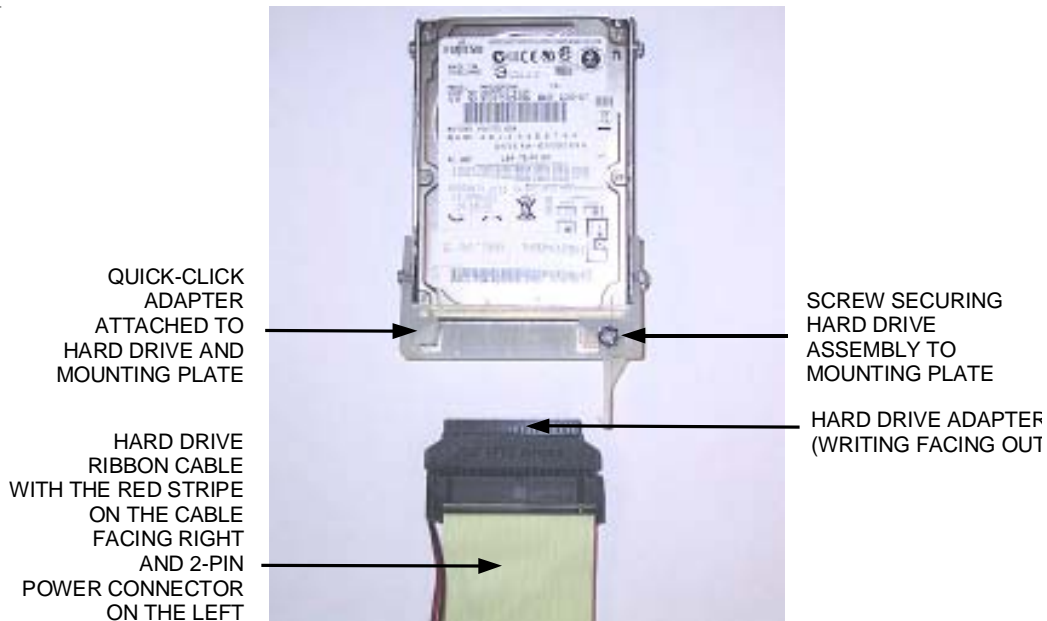
FIGURE 3 - QUICK-CLICK HARD DRIVE ASSEMBLY CONNECTION

3. Slide the hard drive assembly into place on the electronics box cover and secure it with the supplied screw (see Figure 2).

4. Secure the ribbon cable in place with the hard drive support bracket and tighten the screw (see Figure 2).

5. Close and lock the bezel.

6. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.

7. 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.

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<u>ATTENTION:</u>
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Removal/Installation of Major Assemblies - Ion Fusion (cont'd)

Non-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.

3. Unlock and open the front bezel.

4. Loosen the screw on the hard drive support bracket and disconnect the hard drive ribbon cable from the hard drive (see Figure 4).

5. Remove the screw supporting the hard drive mounting plate and slide the hard drive and mounting plate off of the electronics box cover. See Figure 4.

6. Separate the CPU fan mounting plate from the hard drive mounting plate by removing the 2 nuts (see Figure 4).

7. Remove the 4 screws and washers from the hard drive mounting plate, then carefully extract the hard drive. See Figure 4.
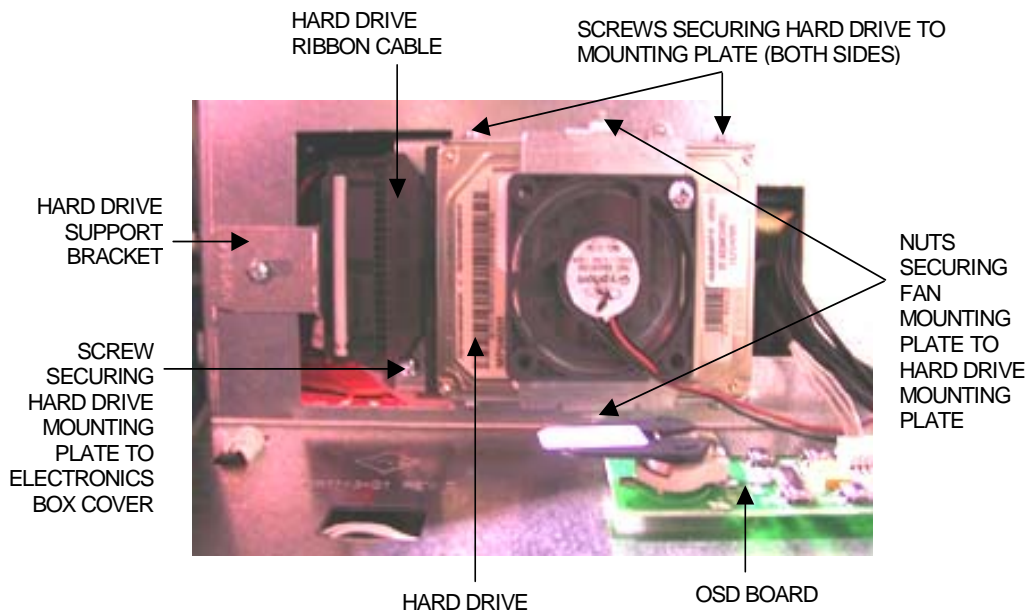

FIGURE 4 - NON-QUICK-CLICK HARD DRIVE ASSEMBLY ON ELECTRONICS BOX

<u>ATTENTION:</u>
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Removal/Installation of Major Assemblies - Ion Fusion (cont'd)

Non-Quick-Click Hard Drive Installation

1. Insert the new hard drive, circuit board-side down with the connection facing left, into the hard drive mounting plate. Secure the hard drive in place with 4 screws and washers. See Figure 4.

2. Reattach the CPU fan mounting plate to the hard drive mounting plate with the 2 existing nuts. See Figure 4.

3. Slide the hard drive mounting plate into place on the electronics box cover and secure it with the existing screw. See Figure 4.

4. Connect the hard drive ribbon cable to the hard drive. Note that 4 pins on the hard drive are set off and will remain unconnected. Make certain that the red stripe on the ribbon cable (indicating pin-1 position) is inserted facing the unconnected pins.

5. Secure the ribbon cable in place with the hard drive support bracket and tighten the screw. See Figure 3.

6. Close and lock the bezel.

7. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.

8. 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 Fusion (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 and open the front bezel.

4. Loosen the screw on the hard drive support bracket and disconnect the hard drive adapter, with the attached ribbon cable, from the hard drive (see Figure 5). Then, separate the hard drive adapter from the ribbon cable and 2-pin power cable. This hard drive adapter will not be reused.
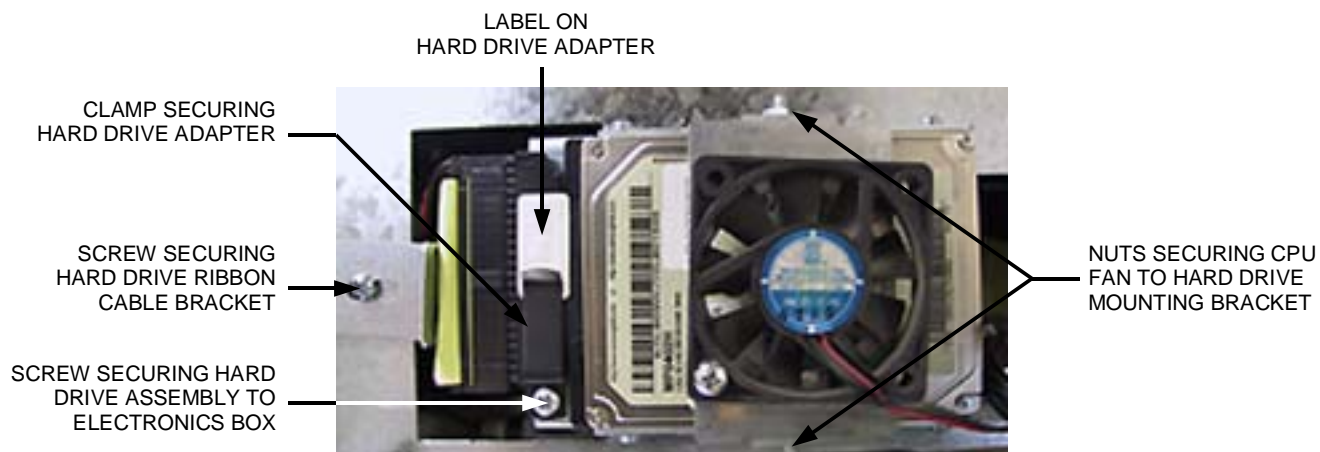

FIGURE 5 - QUICK-CLICK HARD DRIVE ASSEMBLY ON ELECTRONICS BOX

5. Remove the screw securing the hard drive mounting bracket to the electronics box, then slide the hard drive assembly off the electronics box cover. This mounting screw will not be reused.

6. Separate the CPU fan mounting plate from the hard drive mounting bracket by removing the 2 nuts (see Figure 5).

<u>ATTENTION:</u>

OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

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

PATA Hard Drive (with clamp) Installation

1. Reattach the CPU fan mounting plate to the supplied hard drive assembly with the 2 existing nuts (see Figure 5).

2. 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 5). 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.

3. Attach the hard drive ribbon cable on the electronics box 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.

4. Slide the hard drive assembly into place on the electronics box cover. 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 (see Figure 5). The clamp should rest on the hard drive adapter, holding it in place when screwed in tightly.

5. Secure the ribbon cable in place with the hard drive support bracket and tighten the screw (see Figure 5).

6. Close and lock the bezel.

7. Plug in and turn on the game. The game will reboot twice to configure the hardware. When prompted, perform a touchscreen calibration.

8. 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 MeM manual for information on how to perform these functions.

ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ESD-SENSITIVE DEVICES

Removal/Installation of Major Assemblies - Ion Fusion (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 front bezel.

4. Disconnect the hard drive data and power cables from the hard drive (see Figure 6).

5. Remove the screw securing the hard drive mounting bracket to the electronics box (see Figure 6). Slide the hard drive assembly off the electronics box cover.

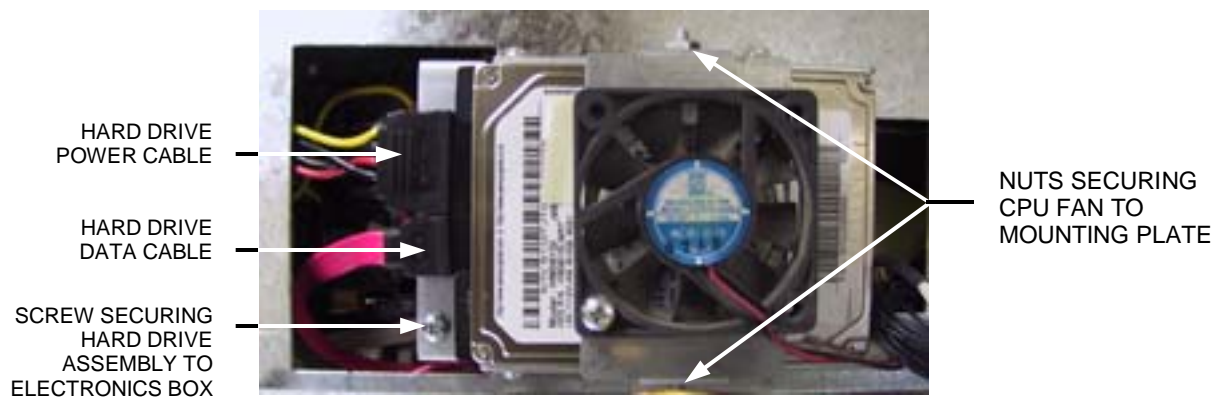6. Separate the CPU fan mounting plate from the hard drive mounting bracket by removing the 2 nuts (see Figure 6).

HARD DRIVE POWER CABLE

HARD DRIVE DATA CABLE

SCREW SECURING HARD DRIVE ASSEMBLY TO ELECTRONICS BOX

NUTS SECURING CPU FAN TO MOUNTING PLATE

FIGURE 6 - SATA HARD DRIVE ASSEMBLY ON ELECTRONICS BOX

SATA Hard Drive Installation

1. Reattach the CPU fan mounting plate to the supplied hard drive assembly with the 2 existing nuts (see Figure 6).

2. Slide the hard drive assembly onto the electronics box cover and screw it into place to secure it (see Figure 6).

3. Attach the hard drive data and power cables (see Figure 6).

4. Close and lock the front bezel.

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.