

Hard Drive Replacement

For PC Boxes and Electronic Sleds

67-2068 Rev C



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Procedure

This document provides the instructions to service the hard drive in PC boxes or electronic trays. It should be used only in approved situations. In most cases, the whole PC box or electronic sled is replaced. Refer to the appropriate services guides for details.

Tools

- #2 Phillips screw driver
- T10 Torx driver
- T15 Torx driver
- [Cam lock key](#) #2036

Parts

- (2) [6-32x1/4 BH screw](#) (top access on tall pharmacy cabinet)
- (2) [8-32x3/8 SHC screw](#) (bottom of box on tall supply cabinet)
- [160GB hard drive](#)
- Hard drive power [extension/adaptor cable](#)
- [6-32 hard drive mount screw](#)

Instructions

1. Perform a graceful shut-down of the cabinet.
2. Unplug the cabinet.
3. Access the electronic sled or PC box.
[Electronic sled] Unlock with [cam lock key](#), then remove or prop up the lid.



Figure 1-1. Electronic sled access

[PC box] Screws must be removed before the PC box can be slid out and the cover unlocked/removed. Type of screw, access location, and tool used varies between a pharmacy and a supply cabinet.

Pharmacy cabinets PC box screws are accessed by opening the keyboard door and using the T15 Torx driver.



Figure 1-2. Pharmacy cabinet

Supply cabinet PC box screws are accessed under the box at the front corners, using a T-10 Torx driver.



Figure 1-3. PC box screws access on supply cabinet

Unlock (with cam lock key) and remove the box cover.



Figure 1-4. PC box cover

4. Disconnect cables.

[Electronic sled] Disconnect the fingerprint cable to access the hard drive.

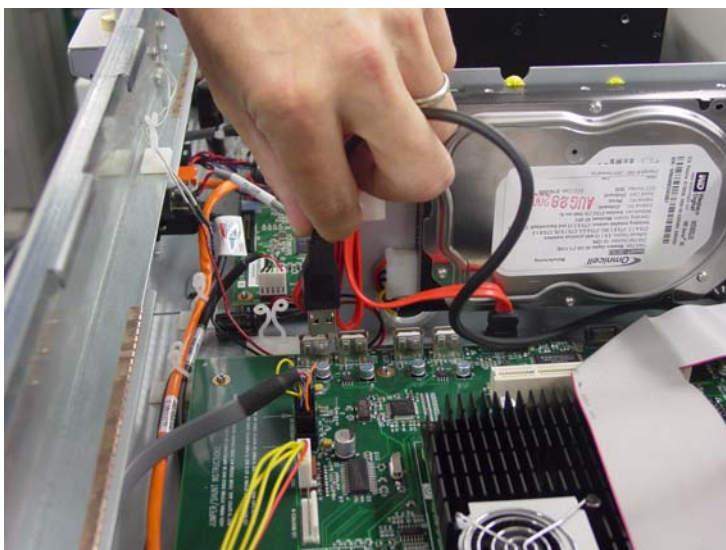


Figure 1-5. Fingerprint cable

[PC box]

- a. Disconnect the keyboard cable for space.
- b. Disconnect the data (smaller) and power (bigger) cables from the hard drive.

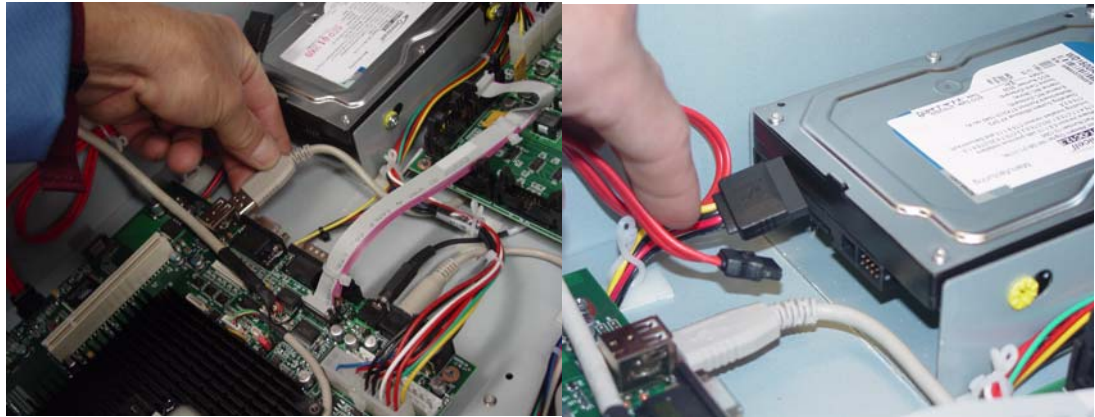


Figure 1-6. PC box cables

5. Remove the [mounting screw](#) using a Phillips #2 screw driver.

[Electronic sled]

- a. Remove the top back screw from the bottom of the hard drive (mounted on its side).
- b. Lift the drive out.
- c. Disconnect the power (bigger) and data (smaller) cables from the hard drive.

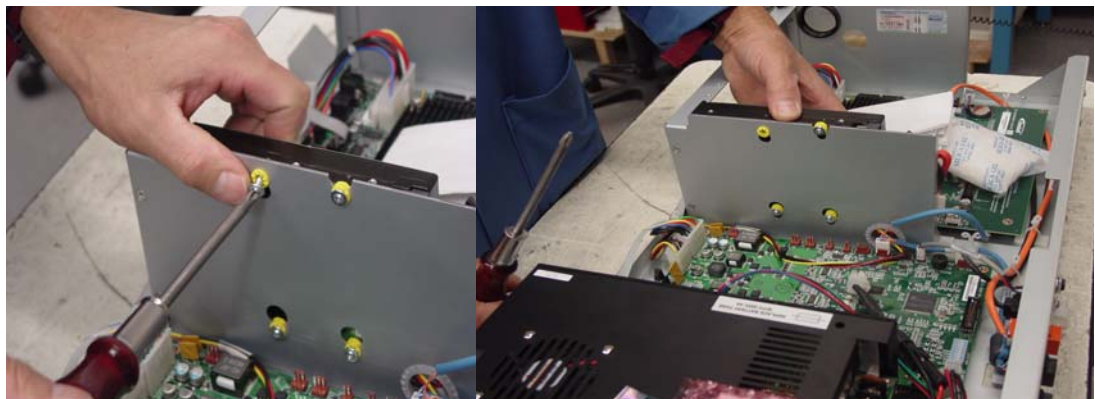


Figure 1-7. Remove drive from sled

[PC box]

- a. Remove the front right screw from the right side of the hard drive.
- b. Slide the drive forward then lift out.

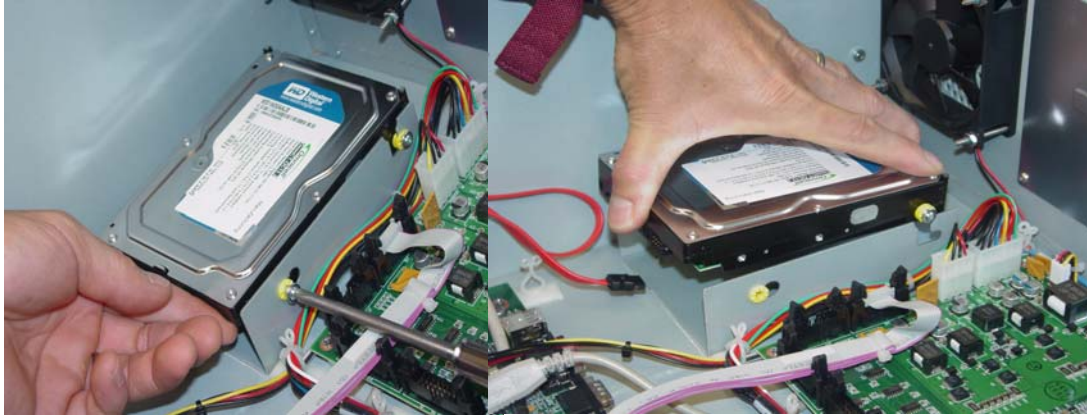


Figure 1-8. Remove drive from box

6. Place **new drive** into sled or box in the reverse manner it was removed. Make sure it has an Omnicell sticker with a red stamped date.



[Electronic sled]

- a. Connect the 160GB **power extension** to the power cable.

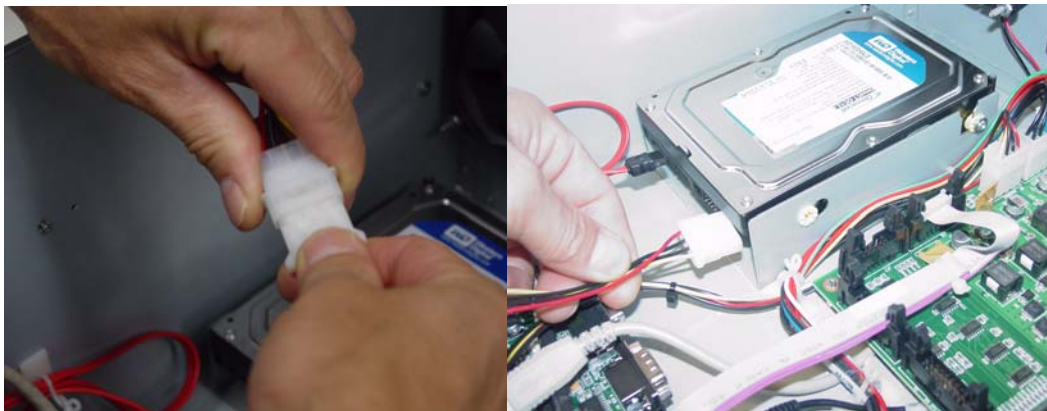


Figure 1-9. 160GB power cable extension

- b. Tuck the excess under the drive.
- c. Connect the power extension and data cable to the drive.

- d. Put the drive into place and secure it with the mounting screw.



Figure 1-10. Drive cables connected in sled

- e. Connect the fingerprint cable
[PC box]
 - a. Put the drive into place and secure it with the mounting screw.
 - b. Connect the 160GB power extension to the power cable.
 - c. Tuck the excess cable under the mother board.
 - d. Connect the power extension and data cable to the drive.



Figure 1-11. Drive cables connected in box

- e. Connect the keyboard cable.
7. Close the lid or put the box cover in place and lock it.
[PC box] Slide the box in and secure it to the cabinet with the screws removed in step 3.
 8. Plug in the cabinet.
 9. Reboot the cabinet. IT takes approximately 8 minutes for Windows to load and the application shell to be displayed.
 10. Press **Delay Startup**.
 11. Press **Calibrate**.

12. Follow the screen directions, then press **Accept** when finished.
13. Press **Start** to display the login screen.
14. Login and configure the options. Refer to the appropriate documentation for the Omnicell option to be implemented.

Appendix A: Part List

Link back to the procedure that calls out the given part using the cross reference in the **Where Used** column.

Part #	Part Name	Agile Description	Where Used
12-1295	160GB hard drive	HARDDRIVE,PROG,160GB,5.9.1.13+SV 5.9.2.5,OMNICELL,CT,ETX2,XP	Parts Instructions
88-1005	extension/adaptor cable	CABLE,POWER,SATA,6IN	Parts Instructions
92-1000	cam lock key #2036	CAM,LOCK,#2036	Tools Instructions
94-6095	8-32x3/8 SHC screws	SCREW,SHCS,8-32,X,3/8,SS [supply cabinet]	Parts Instructions
94-6138	6-32x1/4 BH screws	SCREW,BH TORX,6-32X1/4,SS [Rx cabinet]	Parts Instructions
94-6296	6-32 hard drive mount screw	BOLT,SHOULDER,6/32 HARD,DRIVE,MOUNTING,HDWR	Parts Instructions

Table A-1. Mobile cart Service Part List

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