

Atari® TT030™ Hard Disk Drive Installation Manual

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Atari® TT030™ Hard Disk Installation Manual

Kit Contents

Your Atari Hard Disk kit should contain the following items:

- Hard Disk Drive with Product Manual
- Hard Disk Drive Cover Assembly Part Number: CA401082-001
- Hard Disk Shield Part Number: C300835-001
- 8 Mounting Screws Part Number: C301333-001
- Interface Cable Part Number: CA401131-001
- Power Supply Extension Cable Part Number: CA400972-001
- Installation Manual Part Number: C302322-001
- HDX Advanced Hard Disk Utilities Disk Part Number: CA400870-001

If any of these components are missing from your kit please contact the outlet from which the kit was ordered.

Tools Required:

- Phillips screwdriver.
- Flat blade (slotted) screwdriver. -

Installation

The following steps should be completed in the following order to install the hard disk in your Atari TT030 computer. Carefully read each step all the way through before taking any action required by that step.

WARNING

This installation should be performed in a static free environment. Static can cause damage to the components in this kit. Failure to perform each step completely or skipping steps could result in damage to the hard disk or your computer.

Mounting the Hard Disk to the Accessory Cover

The following instructions pertain to attaching the hard disk to the accessory cover so that it can be installed in the computer.

1. Remove the hard disk from its box.
2. Depending on what kind of hard disk you are installing the power supply connector could be hard to access once the drive is installed in the bracket. If this is the case install the short power supply extension cable. If the drive already has an extension cable installed do not install the one supplied with the kit.
3. Locate the SCSI ID jumpers on the hard disk. Refer to the hard disk product manual for their location. Make sure the SCSI ID jumper is set for drive 0.
4. Attach the hard disk to the bracket assembly as shown in Figure 1 with the four (4) mounting screws.
5. Locate the Hard Disk LED Connector. Refer to the hard disk product manual for its location. If the hard disk you are installing does not have an LED connector, skip to step 7, otherwise continue with this step and step 6. Plug the LED cable into the LED connector on the hard disk as shown in the Seagate ST157a example in Figure 2.
6. Push the LED cable into the accessory cover so it will not get pinched when installing the accessory cover into the computer.

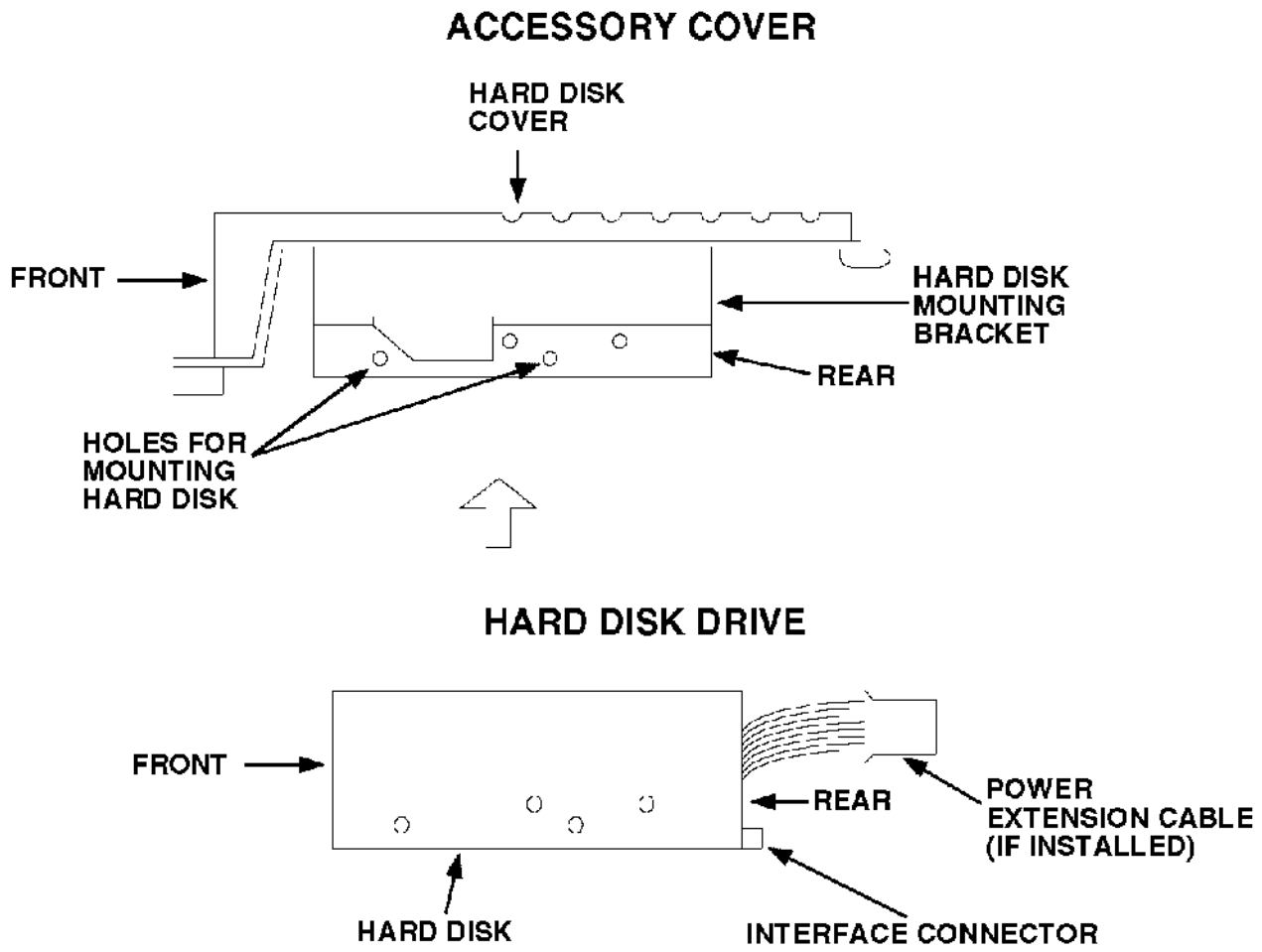


Figure 1

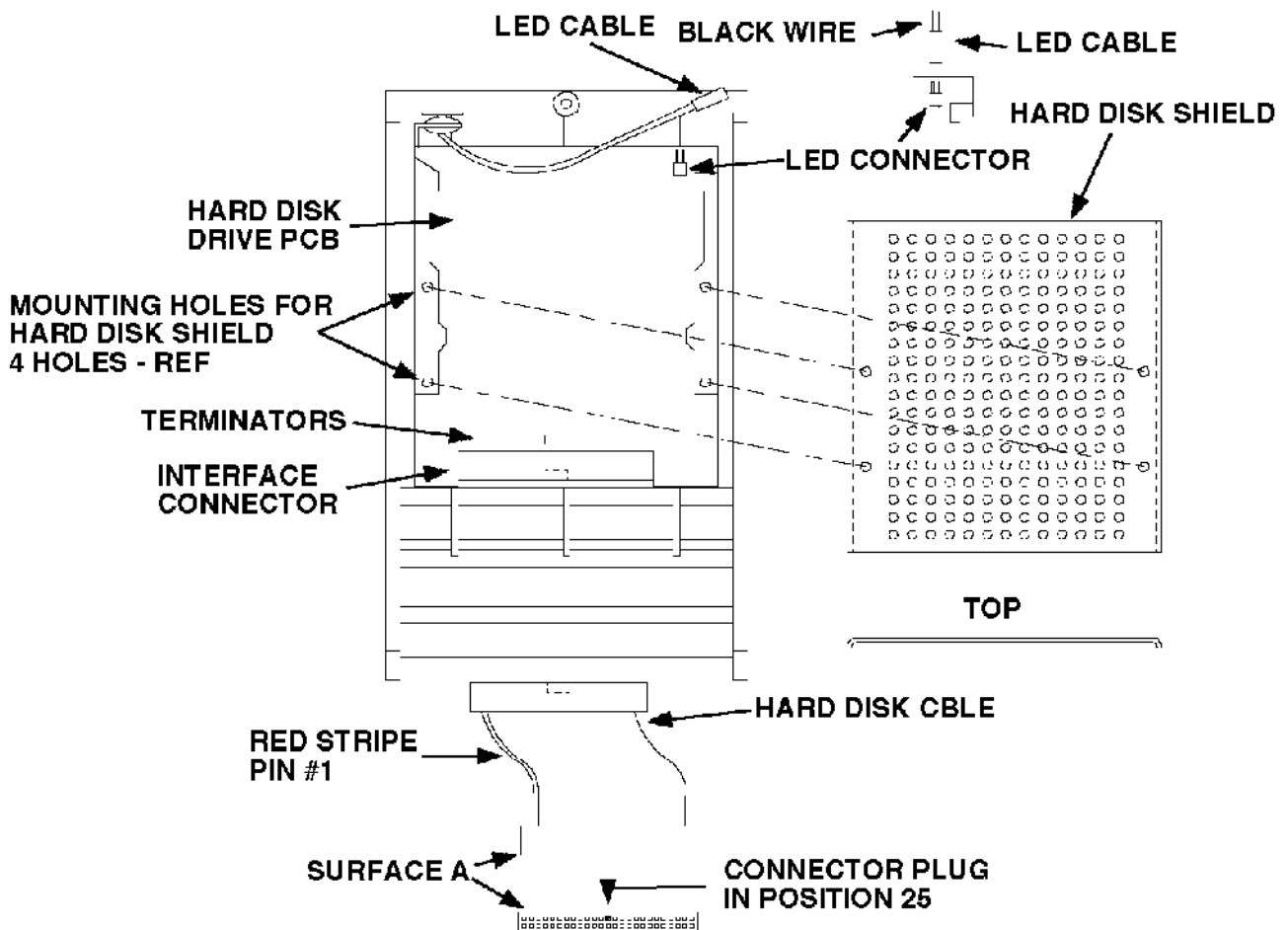


Figure 2

7. Take the hard disk cable and locate the cable end with the connector plug installed. Connect the other end of the hard disk cable to the interface connector on the hard disk drive as shown in Figure 2.
8. The hard disk shield has a bent edge along two sides. Install the hard disk shield on the bottom of the disk drive so the bent edges point toward the hard disk drive.

Installing the Hard Disk Drive in the Computer

The following instructions cover installing the accessory cover with the hard disk into your Atari TT030 computer.

The following steps should be completed in order to install the hard disk in your Atari TT030 computer. Carefully read each step all the way through before taking any action required by that step.

WARNING

Failure to perform each step completely or skipping steps could result in damage to the hard disk or your computer.

9. Turn off your computer and disconnect the monitor, keyboard, and power cable from the sides and back of the unit.
10. Remove the accessory cover. See Figure 3.

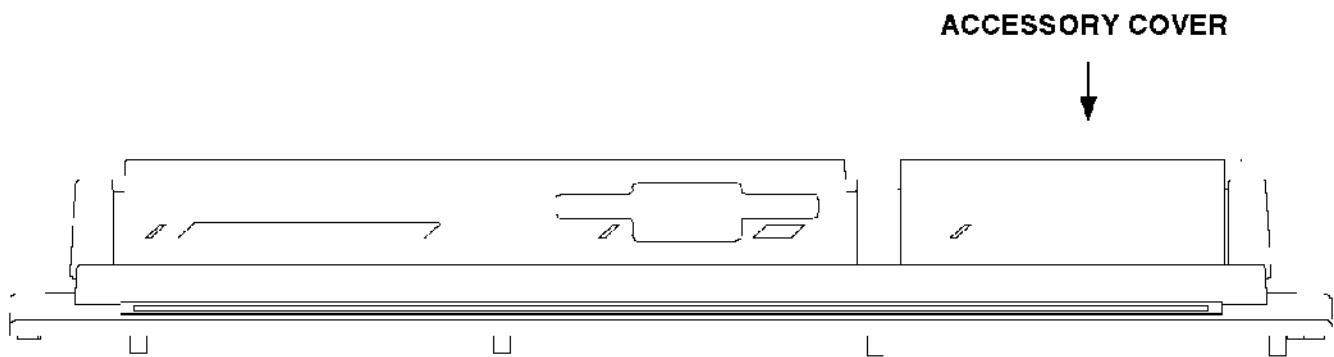


Figure 3

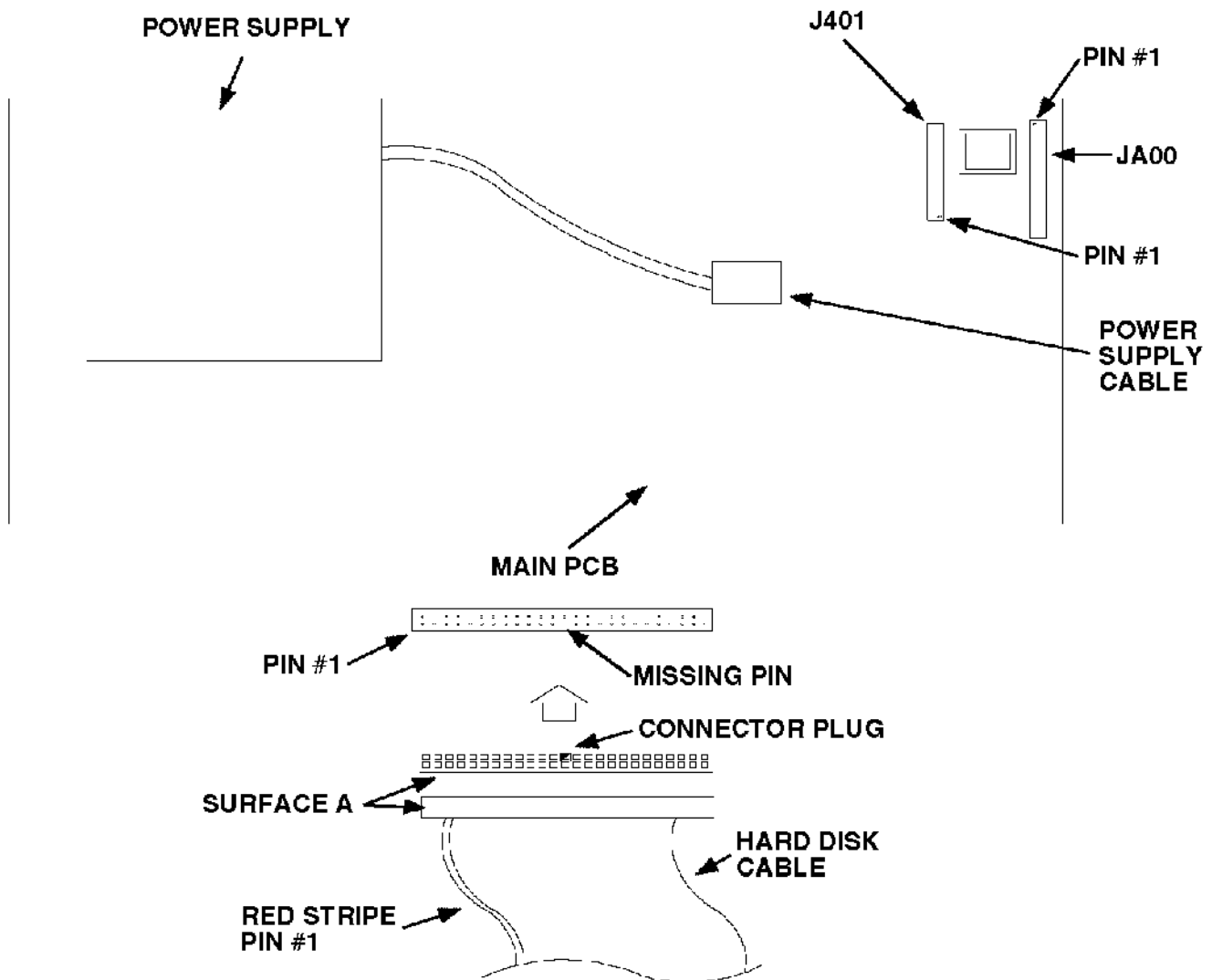


Figure 4

11. Remove the top cover. Place the accessory cover with the hard disk sideways beside the computer. Install the hard disk cable by threading it through the opening in the top cover for the accessory cover. Make sure the connector plug in the cable lines up with the missing pin of JA00 on the main PCB as shown in Figure 4. Gently push the hard disk cable partially onto JA00. Make sure the connector pins of JA00 are lined up with the socket connector on the hard disk cable. Now push firmly down on the hard disk cable until the connectors are fully engaged.
12. Locate the power supply cable as shown in Figure 4. It may be tied or fastened. Untie it and pull it over to the right side of the computer far enough to clear the opening in the top cover for the accessory cover as shown in Figure 4.
13. Connect the power supply extension cable on the hard disk to the power supply cable in the computer. Make sure the colored wires in both connectors line up.
14. Install the accessory cover. Carefully fold the hard disk cable and the power supply cable so they fit neatly behind the hard disk drive. Lower the front of the accessory cover down onto the top cover until it fits flush against the top cover.
15. Re-connect the monitor, keyboard, and power cable.

Installing Software on the Hard Drive

After you have installed the hard disk drive into the computer, you must install the software necessary for it to run.

Load the Hard Disk Driver from Floppy

The hard disk drive has been TOS formatted and partitioned at the factory, but it doesn't contain the software necessary to start the computer from the hard disk drive.

16. Make sure the computer is turned off, then insert the Advanced Hard Disk Utilities diskette, supplied with the hard disk installation kit, into the floppy disk drive.
17. Turn on power to the computer. Wait 90 seconds for the system to start up. Do not press any keys on the keyboard.
18. The screen will display "LOADING... ATARI HARD DISK DRIVER. Then the desktop will display floppy disk icons A and B, hard disk icon C, the trash icon, and the menu bar. If the hard disk icon C does not display, you cannot continue beyond this point. Check all the previous steps to make sure the kit was installed properly.

NOTE: If the hard disk drive is revision "B" or higher, it is not necessary to run the HINSTALL program. You may skip the following steps 19 through 26.

The revision letter is marked on the outside of the hard drive carton for revision "B" and higher drives. If you are unsure of the drive revision, DO NOT skip the following steps 19 through 26.

Install the Hard Disk Driver on the Hard Disk

The HINSTALL.PRG program installs the hard disk driver file. The hard disk driver allows the system to start from the hard drive.

19. Display the drive A directory window.
20. Display the directory of the HINSTALL folder.

21. Run HINSTALL.PRG.
22. Select Install from the File menu.
23. Select logical drive C: from the Select the Logical Drive dialog box, then select OK.
24. From the Install Hard Disk Driver dialog box, select OK to install the driver.
25. Select Quit from the File menu after the driver has been installed.
26. Close all directory windows. The hard disk driver installation is now complete.

Copy the Language Disk to the Hard Disk Drive

The files contained on the Language Disk supply additional startup information when you start the computer. These files must be copied to the hard disk drive.

NOTE: Use Language Disk part number CA400958. Do not use the Language Disk marked (without hard disk drive). This Language Disk is a floppy startup disk only and should not be copied to the hard disk drive.

27. Remove the Advanced Hard Disk Utilities diskette and insert the Language Disk diskette, supplied with the computer, into the floppy disk drive.
28. Drag the drive A icon onto the drive C icon.
29. The Copy Files dialog box displays. Select OK to begin copying the Language Disk. The Copy Files dialog box will show the name of each file as it is copied.

NOTE: Skip the following step 30 if you skipped the previous steps 19 through 26.

30. The Name Conflict dialog box will display when the file SHDRIVER.SYS is being copied. Select Copy to continue with the copy process.
31. When the copy process is complete, the display will return to the desktop. Start the System from the Hard Disk. The hard disk now has all the information necessary to start the system from the hard disk drive.
32. Restart the computer.
33. When the desktop displays, you will see four hard disk icons. The hard disk is partitioned into four logical drives referred to by the letters C, D, E, and F.

NOTES

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