

USA LIMITED WARRANTY

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Note: This 3-1/2" drive can be installed in other Tandy computers by using our 3-1/2"-to-5-1/4" disk drive adapter (Catalog Number 25-1066). This adapter provides a 3-1/2" drive housing to fit into a standard 5-1/4" drive opening. Mounting requirements will vary from the instructions provided in this manual. (The adapter comes with a simple instruction sheet.)

Introduction

Adding an additional disk drive to your computer significantly increases the amount of disk storage available in the computer.

The internal 3½" disk drive should be installed by the service technician at your local Radio Shack Service Center. Doing so not only ensures expert installation, but also enables the technicians to quickly check to be sure the equipment is functioning properly. However, if you decide to install the disk drive yourself, please follow these instructions carefully.

Removing the Option Cover and Option Boards in the 1000 HX

Remove the option cover of the 1000 HX by pushing down on the top of the option cover and sliding it back and off of the unit.

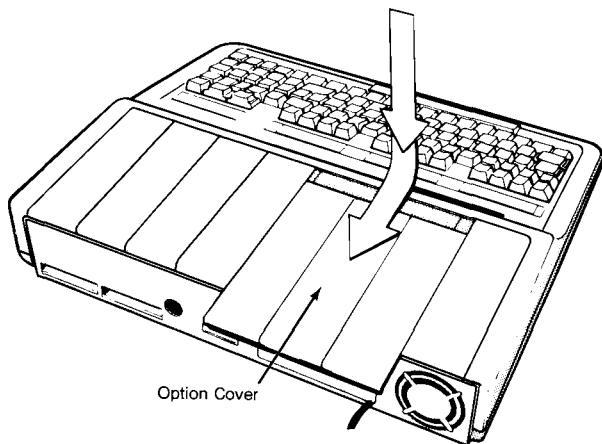


Figure 1

Unplug any cables connected to the option board(s). Remove the screws holding the option board(s) in place. Remove any option boards in the unit by unplugging them from the main board at the bottom of the unit.

Removing the Top Cover of the 1000 HX

Locate and remove the two screws securing the top cover in the option bay of the 1000 HX.

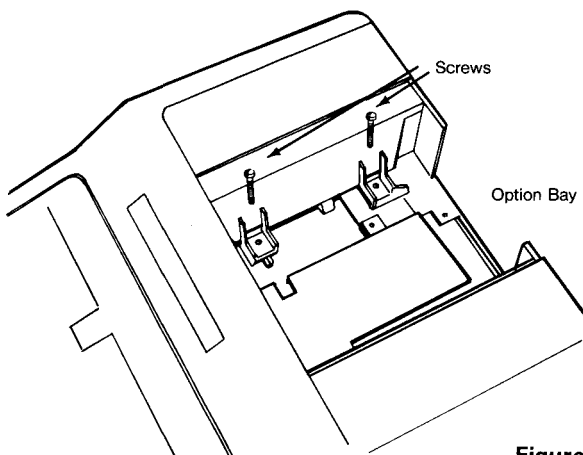


Figure 2

Place the computer upside down on a soft surface to avoid scratching the case. Remove the nine screws from the bottom of the unit that secure the top cover to the unit.

Note: Be sure to take note screw legends pictured on the bottom of the computer.

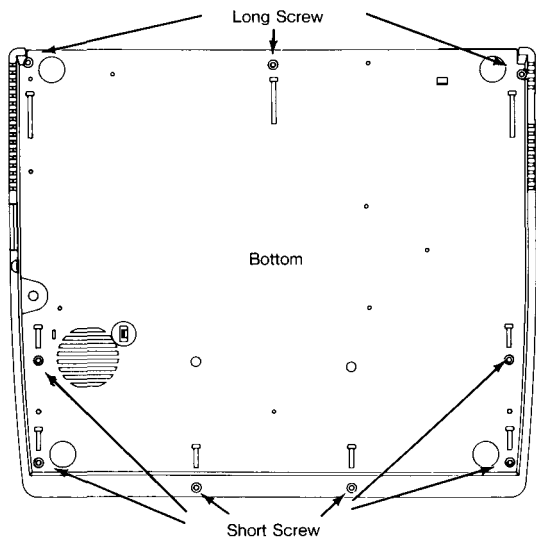


Figure 3

Hold the case top and bottom together and turn the unit upright. Remove top cover from the unit.

Removing the Disk Drive Mounting Assembly

Locate and remove the two screws at the back of the disk drive mounting assembly.

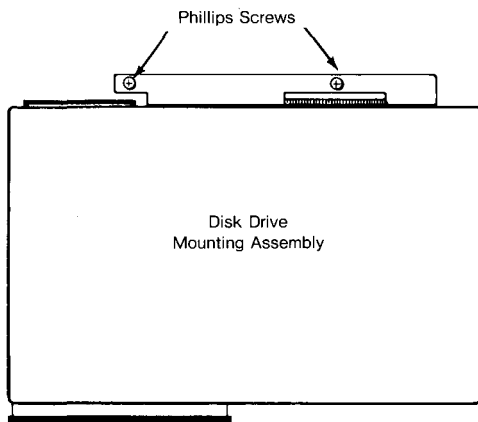


Figure 4

Lift up the back of the disk drive mounting assembly and disconnect the interface cable from the main logic board.

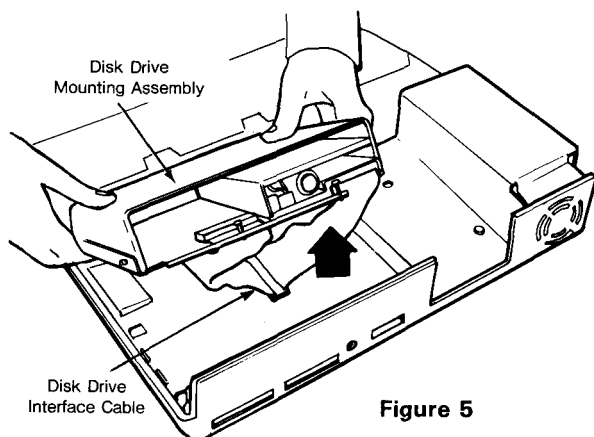


Figure 5

Remove the disk drive mounting assembly from the unit by lifting up the back and allowing the lip in the front of the assembly to exit the slot in which it is installed.

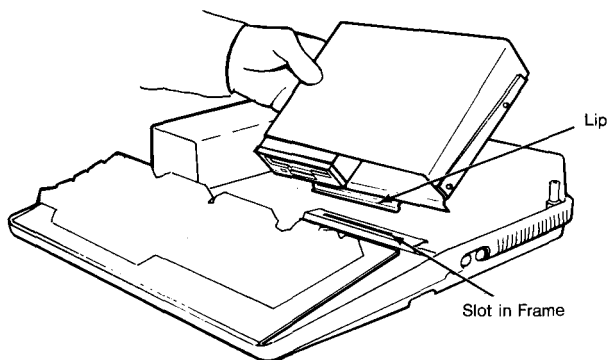


Figure 6

Installing the Second 3½" Disk Drive

Remove the two screws from the right side of the disk drive mounting assembly. Remove the tape holding the interface cable to the disk drive mounting assembly.

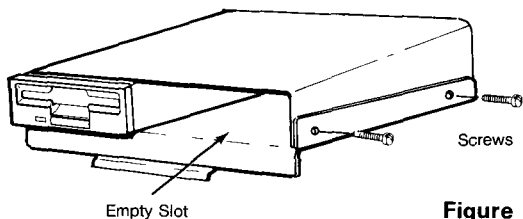


Figure 7

Insert the second disk drive into the space beside the existing drive in the disk drive mounting assembly.

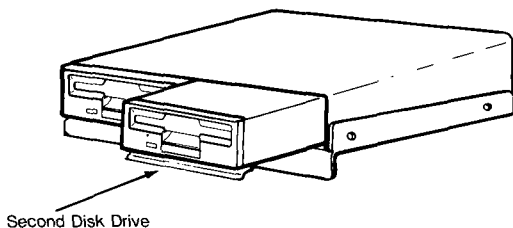


Figure 8

Attach the disk drive interface cable connector to the back of the new disk drive.

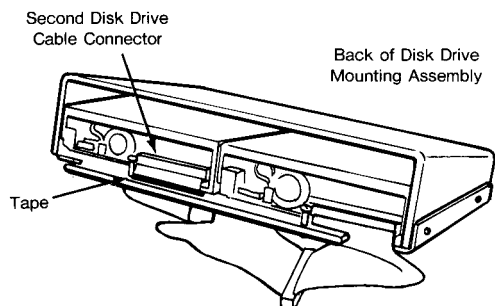


Figure 9

Secure the disk drive to the disk drive mounting assembly with the two screws previously removed from the mounting assembly.

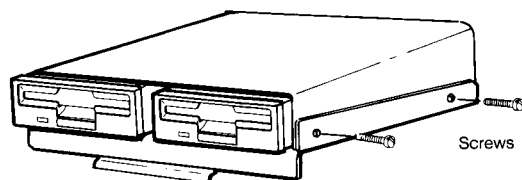


Figure 10

Re-installing the Disk Drive Mounting Assembly in the System Unit

Slip the lip at the front end of the disk drive mounting assembly into the slot in the bottom of the unit.

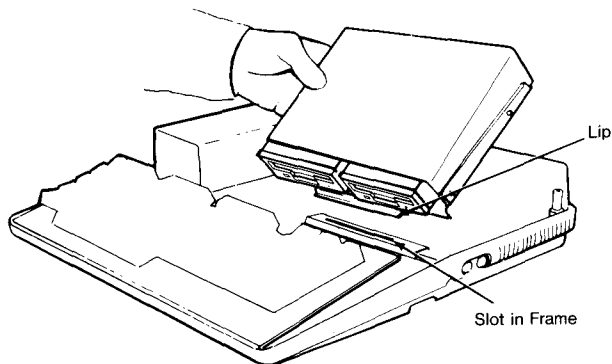


Figure 11

Plug the disk drive interface cable into the main logic board. Be sure that the cable is oriented properly and that the pins line up before applying pressure to the connector.

Let the disk drive mounting assembly rotate back into position being sure that the screws line up with the holes in the bottom of the unit.

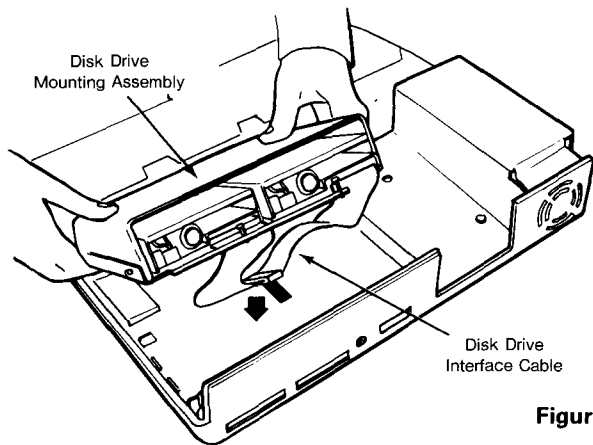


Figure 12

Replace and tighten screws.

Re-assembling the System Unit

Note: When re-assembling the case, be careful not to overtighten the screws.

Place the case top upside down. Remove the second disk drive slot cover by removing the screw holding it in place.

Replace the top cover being sure that it is oriented properly on to the bottom of the system unit.

Replace and secure the two screws in the option board area.

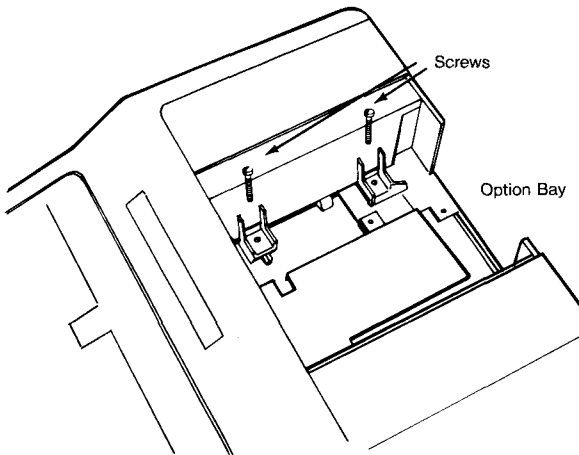


Figure 13

Holding the top and bottom case parts together turn the computer upside down and replace the nine screws. Pay particular attention to the screw legends near each hole. The legend indicates the length of the screw.

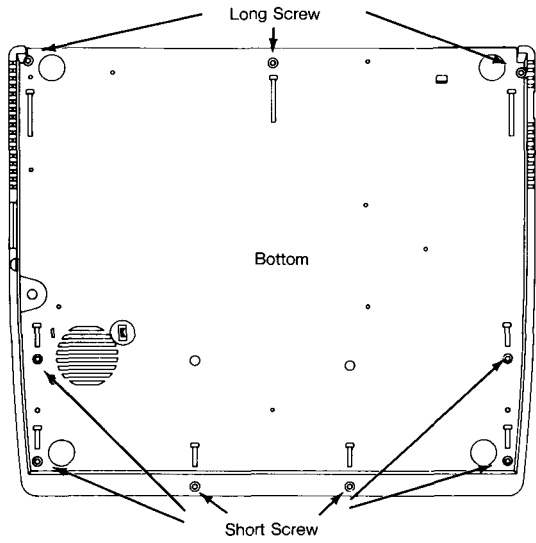


Figure 14

Replace any option boards that were removed from the system.

Replace the option cover by sliding it forward until it snaps into place.

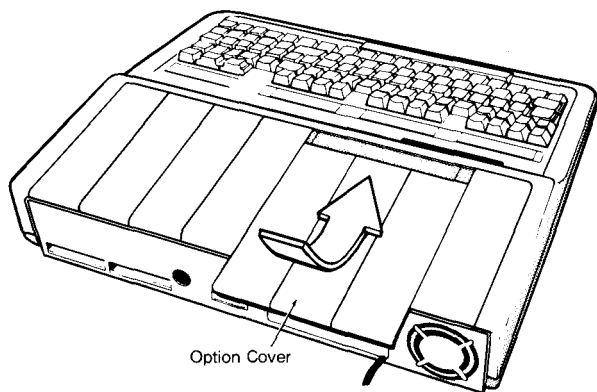


Figure 15

SERVICE POLICY

Radio Shack's nationwide network of service facilities provides quick, convenient, and reliable repair services for all of its computer products, in most instances. Warranty service will be performed in accordance with Radio Shack's Limited Warranty. Non-warranty service will be provided at reasonable parts and labor costs.

Drive Select Switch

When installing a 3-1/2 inch disk drive in the Tandy 1000 HX, you need to set the drive select switch, located on the right side of the drive, toward the rear. (See the following illustration.)

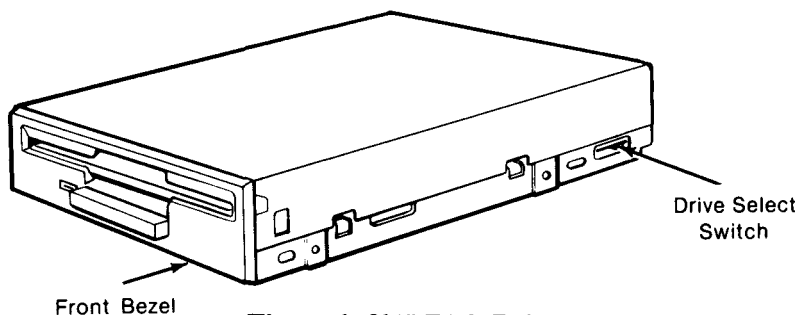


Figure 1. 3½" Disk Drive

Looking at the switch, with the front of the drive to your left, the settings are configured as follows:

Drive D	Drive C	Drive B	Drive A
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As you move the switch, you can feel it click into position. If the drive you are installing is your primary drive, set the switch position to A (the rightmost position). If the drive you are installing is your secondary drive, set the switch position to B (the second position from the right).

Device = Driver. S/O: H/C/F₂
B: 1/2 / C / F: 2

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