

CoCo XT Housing Installation

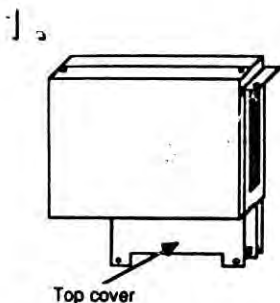


Figure 1 CoCo XT Housing

Figure 1 shows what your new CoCo XT hard disk interface case should look like when you first receive it.

The housing is made of aluminum and has a gold finish. It has two parts -- a top cover, and a bottom cover.

The hard disk interface circuit board is sandwiched between the top and bottom covers.

Sheet metal and machine screws hold the assembly together.

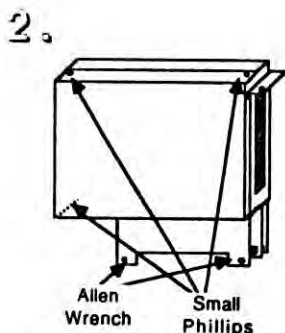


Figure 2 Top Cover Removal

Begin by removing the housing's top cover. This is done by first removing the five screws that hold it in place, as shown in Figure 2.

Three of the screws can be removed with a small Phillip's head screwdriver. Use the small allen wrench that we have provided to remove the two black screws.

When all five screws have been removed, lift off the top cover and set it (and the screws) aside.

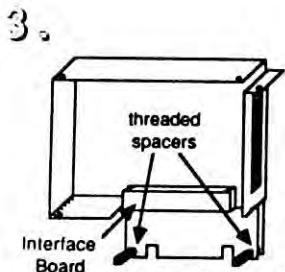
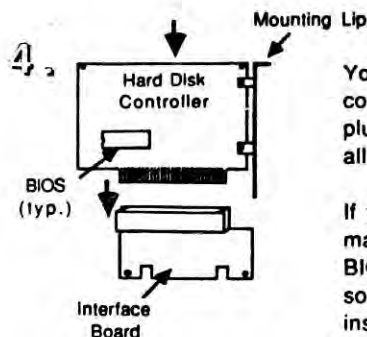


Figure 2 Interface Board Removal

If the interface board has already been installed in your housing, you must remove it at this time.

The interface board is held in place by two 1/2" long threaded spacers. Remove the spacers by turning them counterclockwise (fingers work best for this). Then lift the interface board off of the back cover's threaded posts.



Your hard disk controller board plugs into the 62 pin connector on the interface board. Make sure that you plug the boards together "face up", so that you can see all of the parts that are mounted on each board.

If you will be using the XT-ROM auto-boot ROM, you may want to install it in your hard disk controller's BIOS socket at this time. If your controller has a soldered-in BIOS, send it to Burke & Burke and we'll install a BIOS socket for \$7.50.

Figure 4 Plugging in the Controller

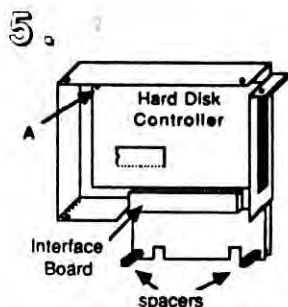


Figure 5 Combined Boards in Housing

Insert the combined interface and controller boards into the bottom cover of the housing. The mounting lip on the controller may be positioned either above or below the mounting lip on the bottom cover. Use the position that gives the most secure fit without straining the housing or circuit boards.

Use the 1/2" threaded spacers to secure the boards to the bottom housing. If necessary, use a 1/4" spacer and machine screw to prevent corner (A) of the hard disk controller from touching the back of the bottom cover:

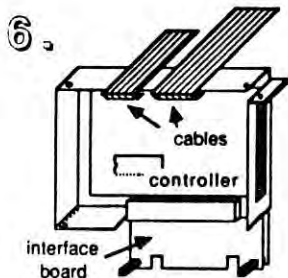
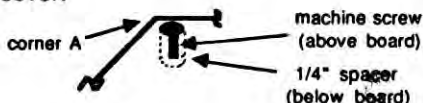


Figure 6 Cable Installation

Install the 20 pin and 34 pin cables that will connect your controller to your hard drive. When you have correctly connected the cables to the controller, bend them up and over the top edge of the bottom cover.

You may now replace the top cover and fasten it with the screws that you removed in step 2. It's best to put the top edge of the top cover over the cables first, then press the bottom and sides into place.