



POWERBOOK PRODUCTS

**Xcarét Pro-99
Expansion Bay
Hard Drive Kit
Installation Guide**



<http://www.mcetech.com>

Introduction

Thank you for purchasing an MCE Xcarét Pro-99 Expansion Bay Hard Drive Kit! We are sure that your new device will enrich your PowerBook computing experience. If at any time you are unsure about or are having difficulty with the installation or use of your new product, you may request assistance by calling (949)458-0800 or by sending an email to support@mcetech.com.

The MCE Xcarét Pro Expansion Bay Hard Drive Kit is a compact, completely mobile storage solution for use in the right-side expansion bay of your Macintosh PowerBook.

In order to get the most out of your new product, please read the next several sections of this user's guide on the use and care of the MCE Xcarét Pro-99 Expansion Bay Drive Kit.

The installation procedure involved with the Kit is a delicate process and, if not performed properly, could cause damage to your hard drive or PowerBook. MCE strongly recommends that the installation be performed by a trained technician. These installation instructions are given for those who understand these risks and are confident in their technical skills. If performed carefully and patiently, these instructions will guide you step by step through a successful installation of your new hard drive enclosure and/or hard drive.

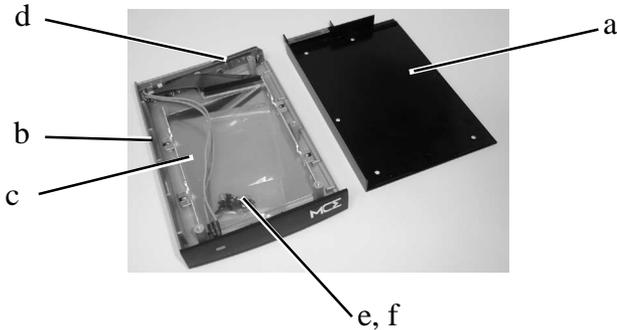


Note: If you are installing your PowerBook's original internal hard drive into the MCE Xcarét Pro Expansion Bay Drive Kit and have Password Protection enabled on the drive or any volume on it, you must disable Password Protection before removing the drive from your PowerBook.

Preparing to Install***List of Items***

Before beginning installation of your hard drive into the Xcarét Pro-99 Expansion Bay Hard Drive Kit, remove the single screw securing the Kit's top to its bottom and check the contents of the package to ensure that all required components are present:

- a. (1) Black Kit Top
- b. (1) Gray Kit Base
- c. (1) Silver Internal Hard Drive Bracket
- d. (1) Drive Connector with attached LED
- e. (9) Dark Flat Head Screws
- f. (4) Silver Bevel Head Screws
- g. (1) MCE Mini Philips/Standard Screwdriver



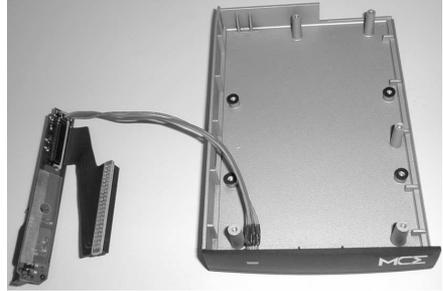
You must supply a 2.5" IDE hard drive that is 12.7mm or shorter in height and a little bit of patience to perform the installation.

Installation

Step 1: Place the Xcarét Pro Kit and hard drive on a dry, flat surface.

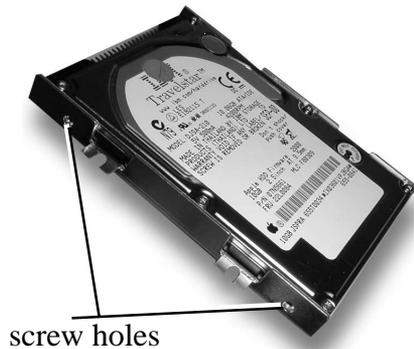
Step 2: Carefully lift the Drive Connector out of its slot and lay it

aside the Kit Base. **DO NOT** pull on the LED wires attached to the Drive Connector, as this may cause permanent damage! If the LED slips out of its front-panel slot, simply reinsert it so that the front of the LED is flush with the front panel of the Kit Base.



Step 3: Carefully lift the Silver Internal Hard Drive Bracket and the bag of screws from out of the Kit Bottom, being careful not to snag the LED wires. Remember the orientation of the Drive Bracket relative to Kit Base.

Step 4: With the hard drive's label facing upward, carefully place the hard drive into the Drive Bracket, lining up the side-mounted screw holes of the hard drive with the holes on the sides of the Bracket.

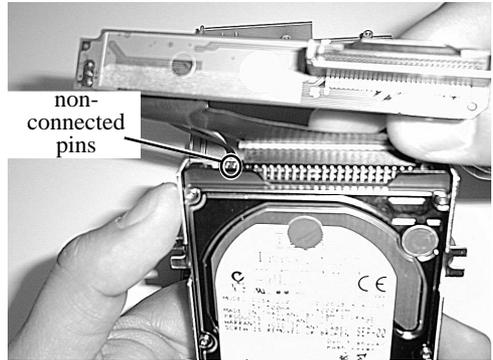


Note: The ends of the drive should be flush with the ends of the Drive Bracket. If the drive extends beyond the edges of the Bracket, it is facing backwards and you turn the drive 180 degrees within the bracket. *Hint:* The hard drive's connector pins go on the side of the bracket opposite the stamped series of numbers on the inside of the bracket.

Step 5: To secure the hard drive to the Drive Bracket, screw the four silver bevel-headed screws into the sides of the bracket/drive assembly.

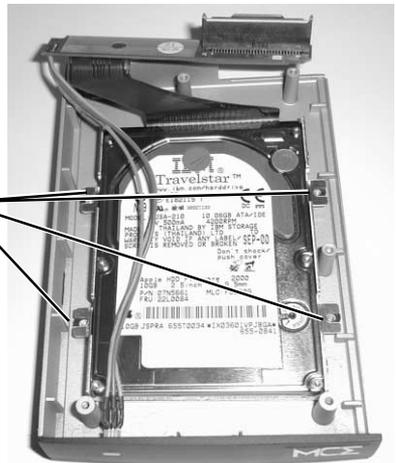


Step 6: Carefully attach the Drive Connector to the hard drive as shown here. Looking from above the hard drive, note that the two left-most columns of pins (four pins total) are not connected to the Drive Connector. Do not place a jumper on the unconnected pins.



Step 7: Gently lay the hard drive with bracket onto the four rubberized mounting posts in the Kit Base.

rubberized
mounting
posts



Step 8: Secure the Drive Bracket to the Kit Base by screwing four flat-headed screws into the mounting posts of the Kit Base.

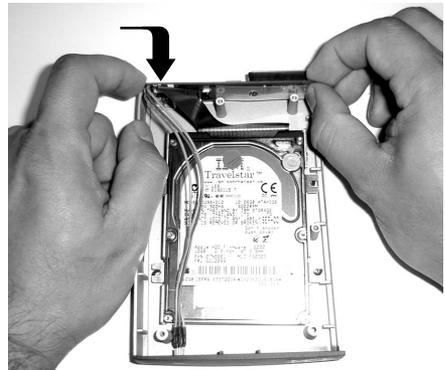


Note: Do not overtighten the screws onto the mounting posts, as this may nullify the shock-dampening effect of the rubberized ends of the posts.

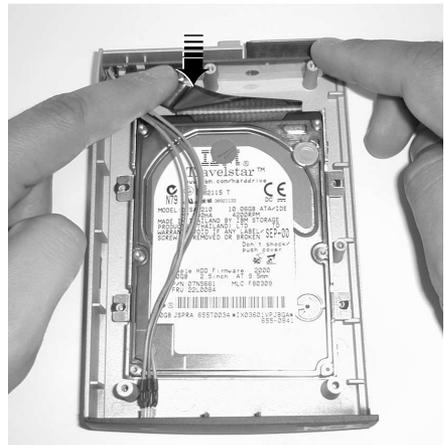


Caution: Be *extremely careful* in carrying out the next several steps as they involve manipulating the delicate bronze-colored ribbon of the Drive Connector, which, if damaged, cannot be replaced.

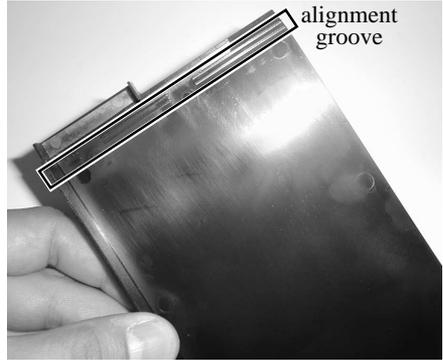
Step 9: Slowly but firmly push the green IC board of the Drive Connector slightly right, as show here, so that its left edge clears the inner left side of the Kit Base. Push the green IC board down into the slot between the inner rear of the Kit Base and the two raised posts of the Base. In doing this, the bronze-colored ribbon will ripple slightly - be careful not to tear or pinch the ribbon while completing this.



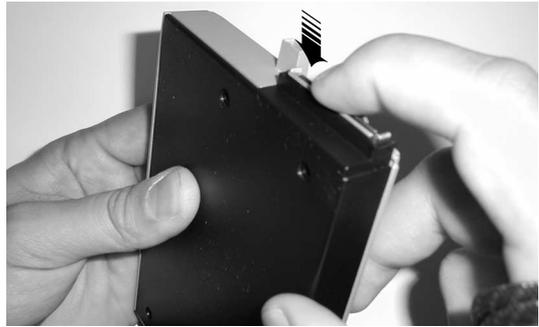
Step 10: Once the green IC board is resting in its slot (you may have to keep a finger on it to keep it there), gently push down on the bronze-colored ribbon to tuck it into the space between the green IC board and the drive. Again, be very careful not to damage the ribbon.



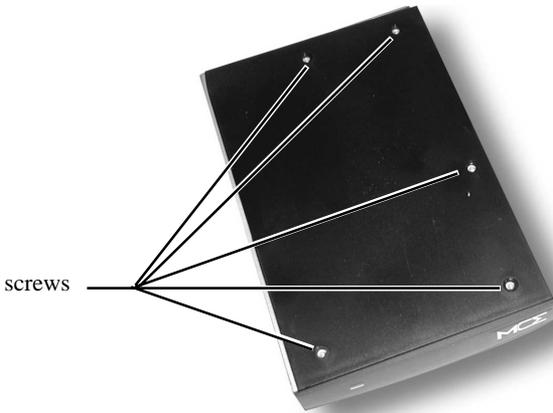
Step 11: Next, place the black Kit Top onto the Kit Base. Notice the alignment groove located on the inside rear of the Kit Top. This is where the top of the green IC board of the Drive Connector must be fitted in order to ensure proper alignment of the Kit Top. You may have to gently push the Drive Connector in to allow the alignment groove of the Kit Top to properly catch and secure the top of the green IC board.



Step 12: Before securing the final screws, ensure the Drive Connector is properly aligned and is not crooked or loose in its slot. While clamping the Top and Base together with your hand, push a finger against the Drive Connector to make sure it does not move and that it is in straight to guarantee that it will slide into the expansion bay connector smoothly.



Step 13: Once the Kit Top and Drive Connector are properly aligned with the Kit Base, secure the Kit Top to the Kit Base by screwing the five top-mounted flat head screws into position.



Caution: Do not overtighten the top screws. The top of the screws should sit flush with the rest of the Kit Top surface. You may have to make some fine adjustments to the screw tightness to ensure a uniform fitting of the Kit Top to the Kit Base.

Congratulations on completing the installation of your MCE Xcarét Pro Expansion Bay Hard Drive Kit. Please refer to the User's Guide for information on operation and maintenance.

© 2000 Mac Components Engineered

MCE, the MCE logo and Xcarét Pro are trademarks of Mac Components Engineered.

Apple, the Apple logo, Mac, the MacOS logo, Macintosh, and PowerBook, are registered trademarks of Apple Computer, Inc.

Products and company names are trademarks of their respective companies, and are mentioned for informational purposes only and constitute neither an endorsement nor a recommendation.

Every effort has been made to ensure that the information in this manual is accurate. All errors including photographic, printing, typographical, and clerical are subject to correction. Information in this document is subject to change without notice and does not represent a commitment on the part of Mac Components Engineered.

Mac Components Engineered
Irvine, California, USA

Sales: (800)500-0622; sales@mcetech.com

Technical Support: (949)458-0800; support@mcetech.com

<http://www.mcetech.com>