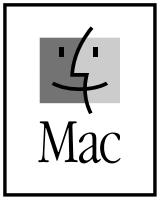
Xcarét Pro
Expansion Bay
Hard Drive Kit
Installation Guide



http://www.mcetech.com

Introduction

Thank you for purchasing an MCE Xcarét Pro 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 1-800-500-0622 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 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

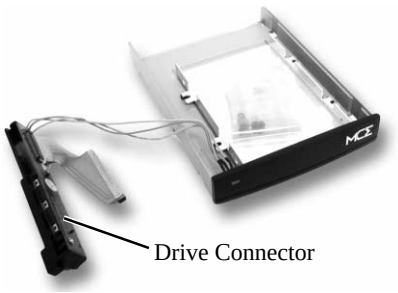
The Xcarét Pro Expansion Bay Hard Drive Kit comes semi-assembled. To prepare for the installation of a hard drive into the Kit, one must remove the Kit cover from the base by carefully lifting it up and out until the four locking clips are clear.

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. (4) 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

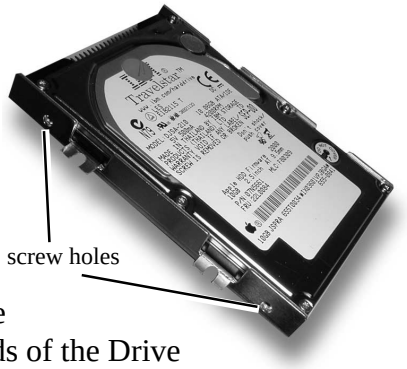


Step 1: Place the Xcarét Pro Kit and hard drive on a dry, flat surface.

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 as far as it will go until it is roughly 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 Base, being careful not to snag the LED wires. Remember the orientation of the Drive Bracket relative to Kit Base for reinstallation purposes.

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 must 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 <u>not</u> connected to the Drive Connector. Do not place a jumper on the unconnected pins.

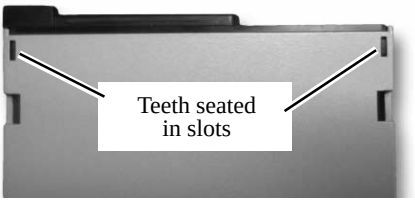
Step 7: Gently lay the hard drive with bracket onto the four rubberized mounting posts in the Kit Base.

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 step as they involve manipulating the delicate bronze-colored ribbon of the Drive Connector, which, if damaged, cannot be replaced.

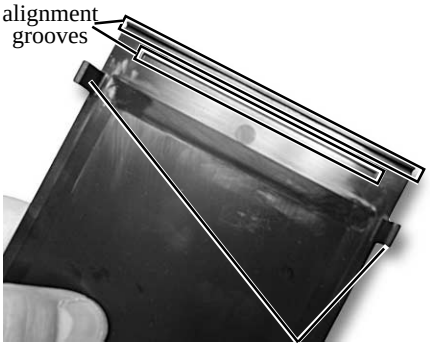
Step 9: Slowly but firmly slide the Drive Connector into its slot in the Kit Base. Push the Connector all the way down so that the two teeth at the bottom of the connector bracket are completely seated in their slots in the Kit Base.



(bottom of Kit Base)

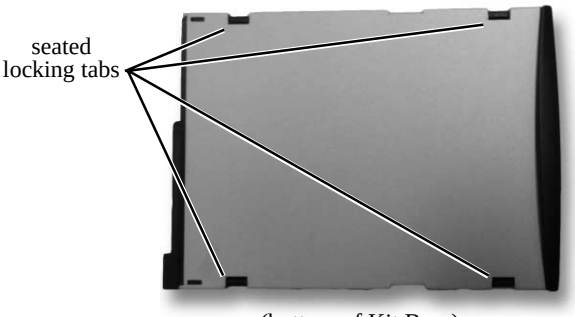
Step 10: Carefully arrange the LED wires so they do not cover or obstruct the two slots on the side of the Kit Base in which they are situated.

Step 11: Next, place the black Kit Top onto the Kit Base. Notice the two alignment grooves located on the inside rear of the Kit Top. This is where the top of the green IC board and the black plastic bracket 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 grooves of the Kit Top to properly catch and secure the top of the green IC board and bracket.



Step 12: Orient the Kit Top such that the bottom of its label is closest to the front of the Kit Base. Pinch the two rear locking tabs of the Kit Top and partially slide them into their slots in the inner sides of the Kit Base. Next, pinch the other two locking tabs and partially slide them into their slots in the inner sides of the Kit Base.

Step 13: Once the Kit Top is properly aligned with the Drive Connector and the Kit Base, secure the two halves together. Lock the four locking tabs into their respective slots by pressing down firmly on the Kit Top just above the tabs.



(bottom of Kit Base)

Note: Be sure that all four locking tabs are securely seated in their respective slots. You should hear a click when the tab has locked into place in its slot.

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.

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