

Keyboard Replacement Instructions

Follow the instructions in this sheet carefully. Failure to follow these instructions could damage your equipment and void its warranty.

Note: Written and video instructions covering customer-installable parts are available at <http://www.info.apple.com/installparts/>.

Warning: During this procedure, keep small parts away from children.

Tools Required

The only tool required for this procedure is a jeweler's flat-blade screwdriver (if keyboard is locked).

Removing the Installed Keyboard

Warning: Always shut down your computer before opening it to avoid damaging its internal components or causing injury. After you shut down the computer, the internal components can be very hot. Let the computer cool down before continuing.

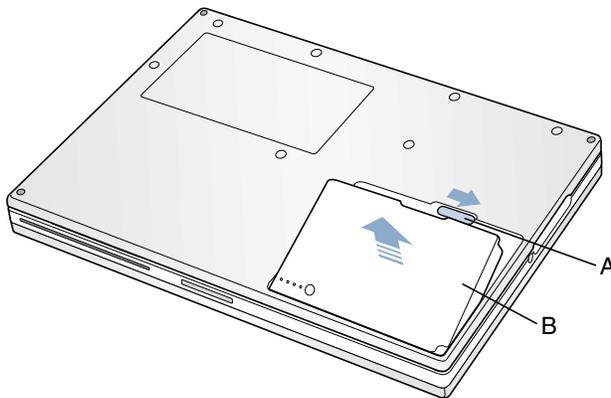
1. Place your computer on a clean, flat surface.
2. Shut down your computer and wait thirty minutes before continuing.
3. Disconnect the power cord and any other cables connected to the computer.

4. Close the computer and turn it over.
5. Slide the battery latch (**Figure 1A**) to the right to remove the battery (**Figure 1B**).

Removing the battery will prevent you from accidentally turning on the computer.

Warning: Removing the battery before shutting down your computer may result in data loss.

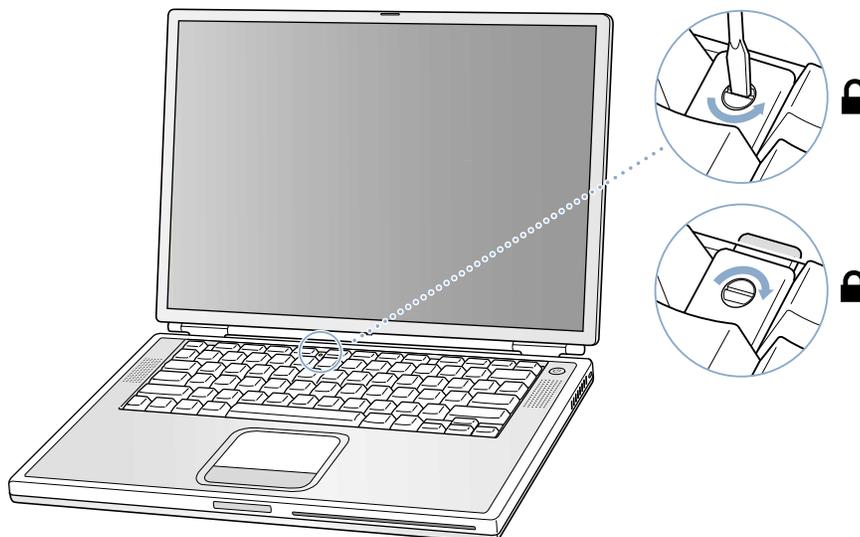
Figure 1



6. Turn over the computer.
7. Raise the display so you can access the keyboard.
8. Make sure the keyboard locking screw, located in the small plastic tab to the left of the Num Lock key (**Figure 2**), is not in the locked position. Your PowerBook comes with the keyboard unlocked, so unless you or someone else locked the keyboard, you can skip this step.

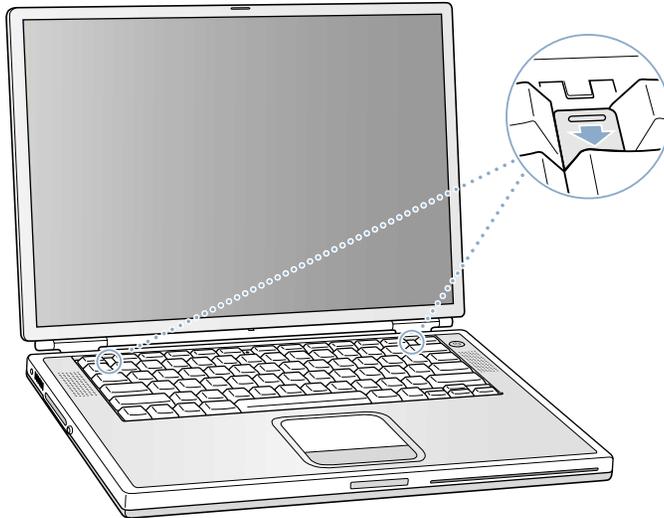
To unlock the keyboard, turn the screw 1/2 turn.

Figure 2



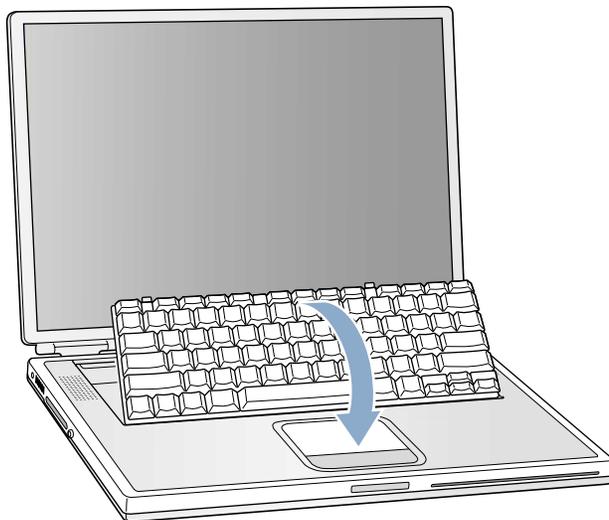
9. Release the keyboard by pulling down on the keyboard release tabs (located to the left of the F1 and F12 keys) (**Figure 3**), then lift the top portion of the keyboard up slightly, and toward the display.

Figure 3



10. Flip the keyboard over and lay it on the palm rests and trackpad. (**Figure 4**)

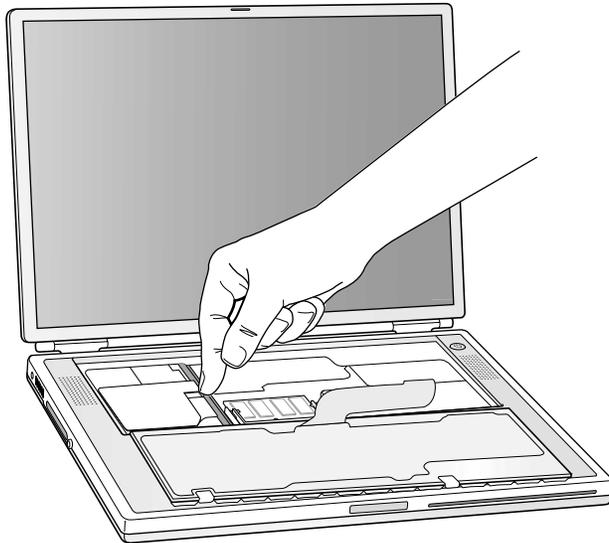
Figure 4



11. Touch the computer's inside framework (a dull gray conductive composite material) to discharge any static electricity, as shown **(Figure 5)**.

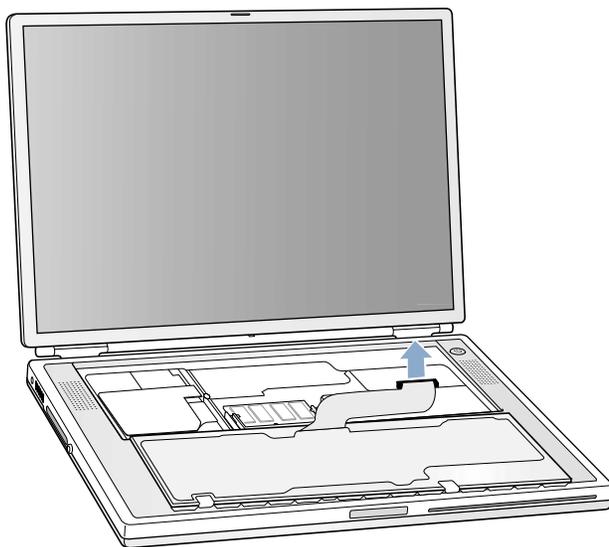
Important: To avoid electrostatic discharge damage, always ground yourself by touching the computer's framework before you touch any parts or install any components inside the computer. To avoid static electricity building back up in your body, do not walk around the room until you have completed your installation and closed the computer.

Figure 5



12. Locate the keyboard cable connector. **(Figure 6)**

Figure 6

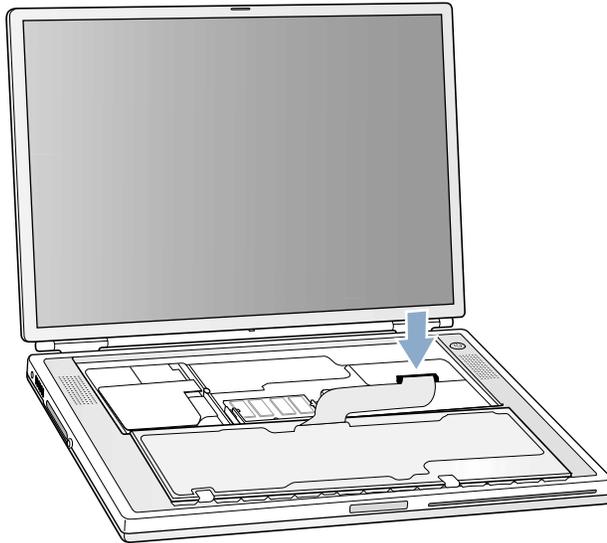


13. Pull up on the connector, from side to side if needed, to disconnect it from the computer.
14. Set the keyboard aside.

Installing the Replacement Keyboard

1. Lay the replacement keyboard in the correct orientation over the keyboard opening, then flip it toward you and lay it face down on the palm rests and trackpad to expose its connector cable. **(Figure 7)**

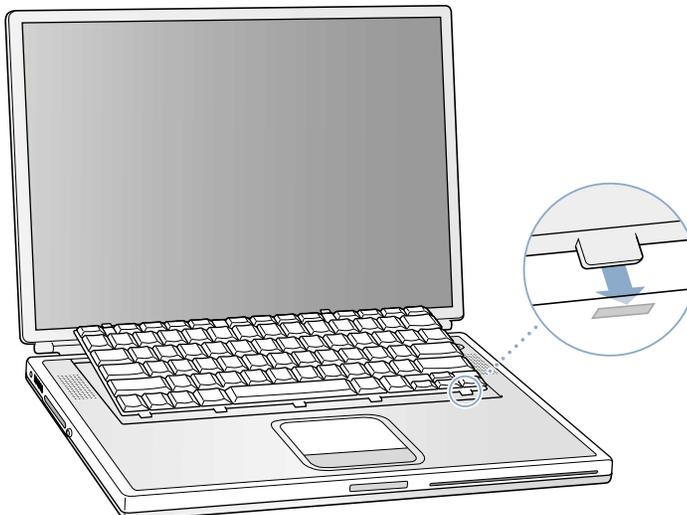
Figure 7



2. Firmly insert the keyboard cable connector into its connector on the computer.
3. Flip the keyboard back toward the keyboard opening in the case.
4. Hold the keyboard at an angle and insert the tabs on the bottom edge of the keyboard into the slots below the edge of the keyboard opening. **(Figure 8)**

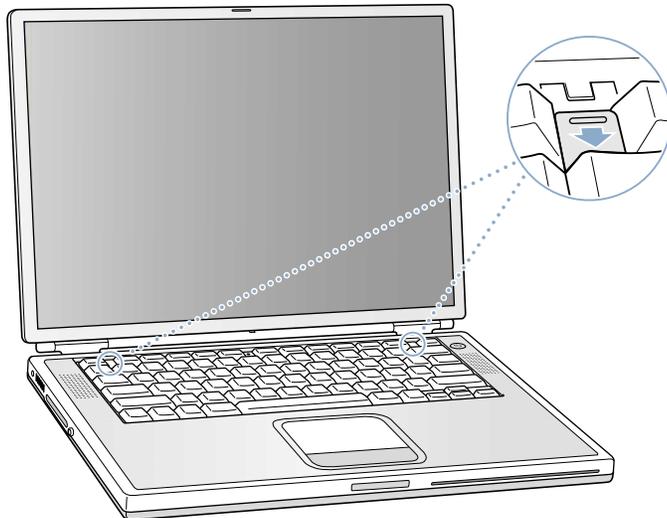
Important: Make sure that all the tabs are seated and that the keyboard rests flush against the edge of the opening.

Figure 8



5. Lay the keyboard flat into the keyboard opening.
6. Pull down on the keyboard release tabs while pressing down on the top portion of the keyboard (**Figure 9**). Release the tabs to secure the keyboard in place.

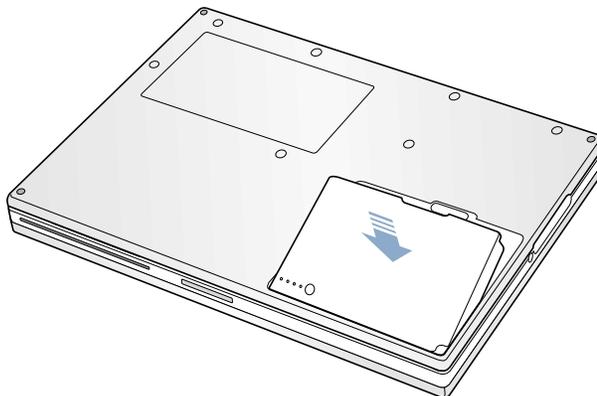
Figure 9



7. Close the display and turn the PowerBook over.
8. Replace the battery. (**Figure 10**)

Important: Make sure that the battery locks securely into place and that the battery latch is slid all the way into the locked position.

Figure 10



9. Reconnect the power cord and any other cables that were connected, and restart your computer.

Warning: Never turn on your computer unless all of its internal and external parts are in place and it is closed. Operating the computer when it is open or missing parts can damage your computer or cause injury.

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