Battery
Replacement Instructions

Be sure to follow the instructions in this sheet carefully. Failure to follow these instructions could result in damage to your equipment and may void your warranty.

Replacing the battery requires four basic steps:
- Turn off the computer or put it in sleep mode.
- Open the expansion bay.
- Remove the installed battery.
- Insert the replacement battery.

Note: A video version of the replacement instructions is available at http://www.info.apple.com/installparts

Tools Required

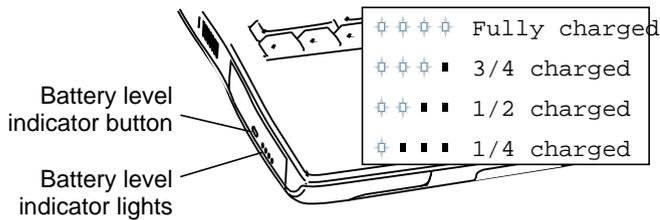No tools are required for this procedure.

About Batteries

Battery and Dual Battery Support

When the external power adapter is not connected, your computer draws power from a PowerBook battery in the battery bay or expansion bay. You can also insert a second battery in the expansion bay to double the amount of battery life.

Monitoring Battery Charge Level

You can determine the charge left in your battery by looking at the battery level indicator lights on the battery itself. The charge can be checked whether the battery is in the PowerBook or not. The lights glow to show how much charge is left in the battery. A lighted circle indicates that the battery has power; an unlighted circle indicates lack of charge. The indicator lights remain lit for a few seconds after you press the battery level indicator button. If only one flashing light is on, very little charge is left in the battery. Plug in the power adapter.

Battery level indicator button

Battery level indicator lights

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○ ○ ○ ○    Fully charged
○ ○ ○ ■    3/4 charged
○ ○ ■ ■    1/2 charged
○ ■ ■ ■    1/4 charged
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Note: The battery level indicator lights stay on while the battery is being charged by the external power adapter. When the battery is fully charged, the lights turn off.
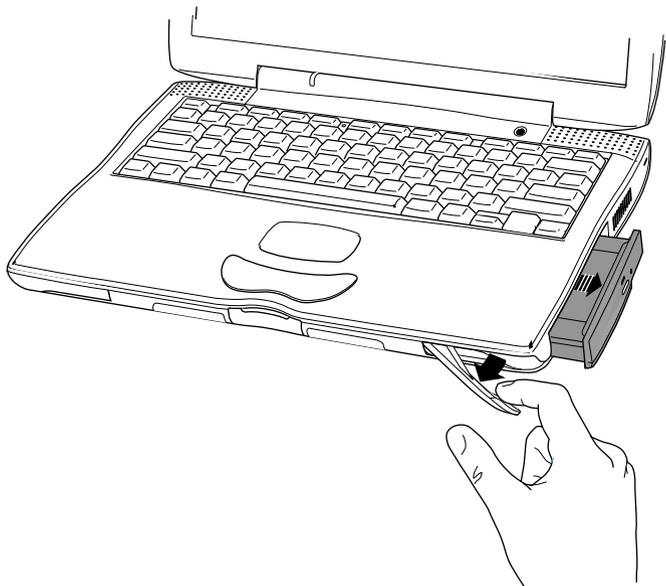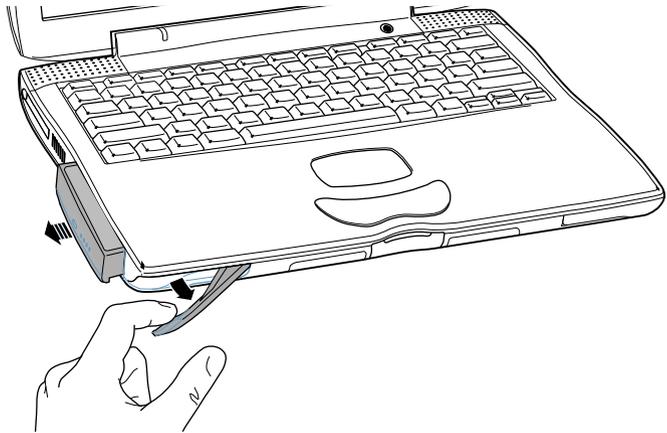
Charging a Battery

When the power adapter is connected, the battery is recharged whether the computer is off, on, or in sleep. However, the battery will recharge more quickly if the computer is off or in sleep.

Removing or Replacing a Battery

PowerBook batteries are removed and inserted the same way as the expansion bay modules. A depleted PowerBook battery can be easily replaced with a charged one when the computer is shut down or in sleep.

Important: When the computer is in sleep, the internal backup battery provides enough power to maintain the contents of RAM for one minute while you quickly change batteries.

1. Shut down your computer or put it in sleep mode.

2. Place your PowerBook on a hard, flat surface and pull the expansion bay release lever toward you to release the expansion bay.

3. Insert the new battery into either expansion bay.

Resetting Date and Time

If your computer has been without a charged battery for some time, replacing the battery can change the date and time settings on your computer. Open the Date & Time control panel to correct the date and time.

For More Information on Your PowerBook Battery

Additional information is available in Mac Help. Choose Mac Help from the Help menu and search for "battery."