PowerBook G4 Aluminum 17" 1.67 GHz (High-Res) Hard Drive Replacement

Replace the hard drive in your PowerBook G4 Aluminum 17" 1.67 GHz (High-Res).

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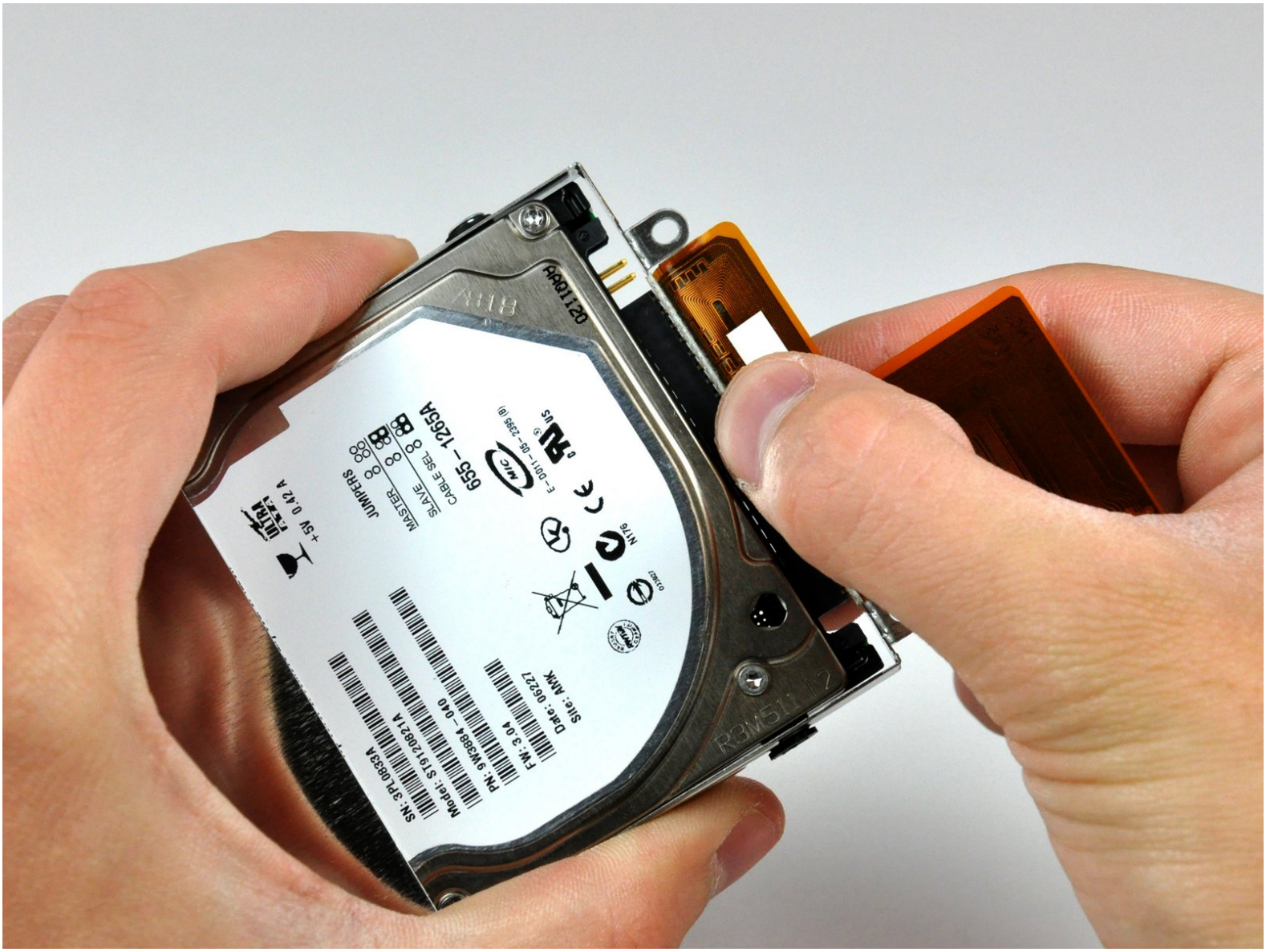


INTRODUCTION

Upgrade your hard drive for more storage space.

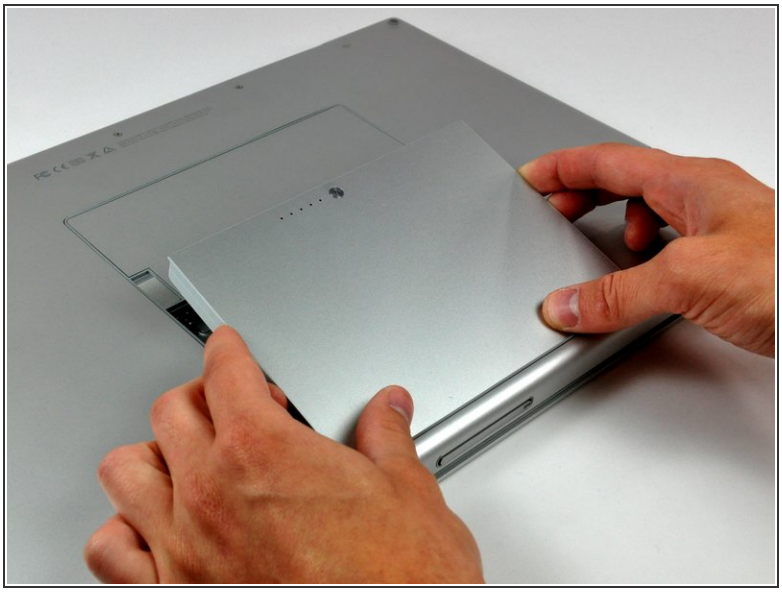
TOOLS:

- Phillips #00 Screwdriver (1)
- Spudger (1)
- T8 Torx Screwdriver (1)

PARTS:

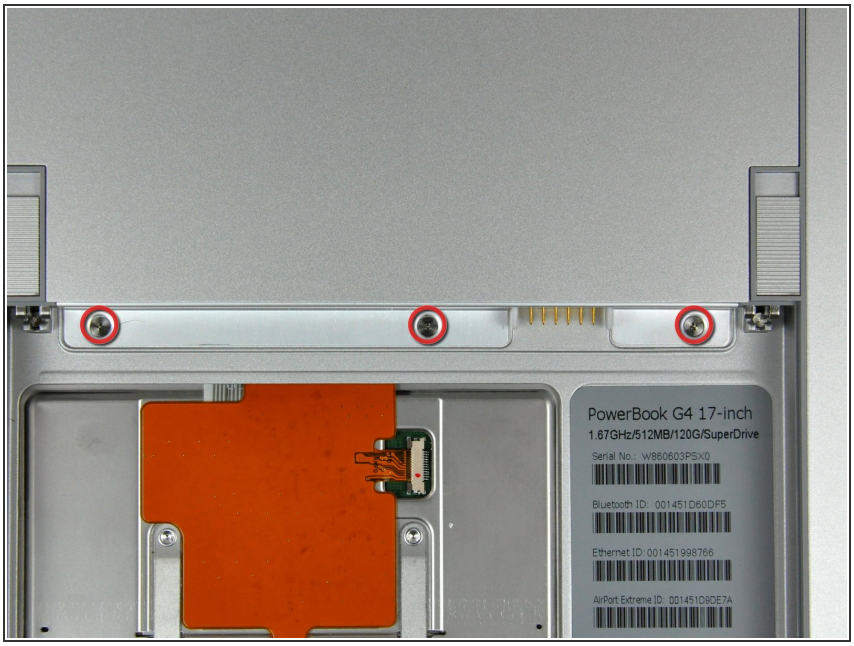
- 160 GB 5400 RPM ATA Hard Drive (1)
- 320 GB 5400 RPM ATA Hard Drive (New) (1)
- G4 Aluminum 17" 1.67 GHz (HR) Hard Drive Bracket & Cable (1)

Step 1 — Battery



- Use your thumbs to push the two battery retaining tabs away from the battery.
- The battery should pop up enough to rotate it toward yourself and lift it out of the lower case.

Step 2 — Memory Door



- Remove the three 2.3 mm Phillips screws securing the memory cover to the lower case.

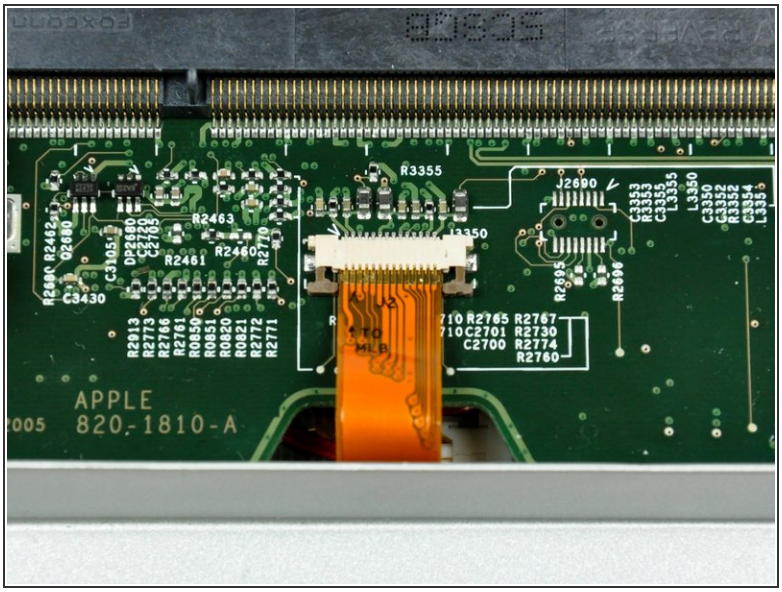
Step 3

- Lift the memory cover slightly and pull it toward yourself to remove it from the lower case.

Step 4 — Upper Case

- Remove the following ten screws:
  - Two 14.7 mm shouldered Phillips.
  - Three 12.3 mm Phillips.
  - One 3.8 mm T8 Torx.
  - One 6.8 mm T8 Torx.
  - Three 1.3 mm Phillips.

Step 5

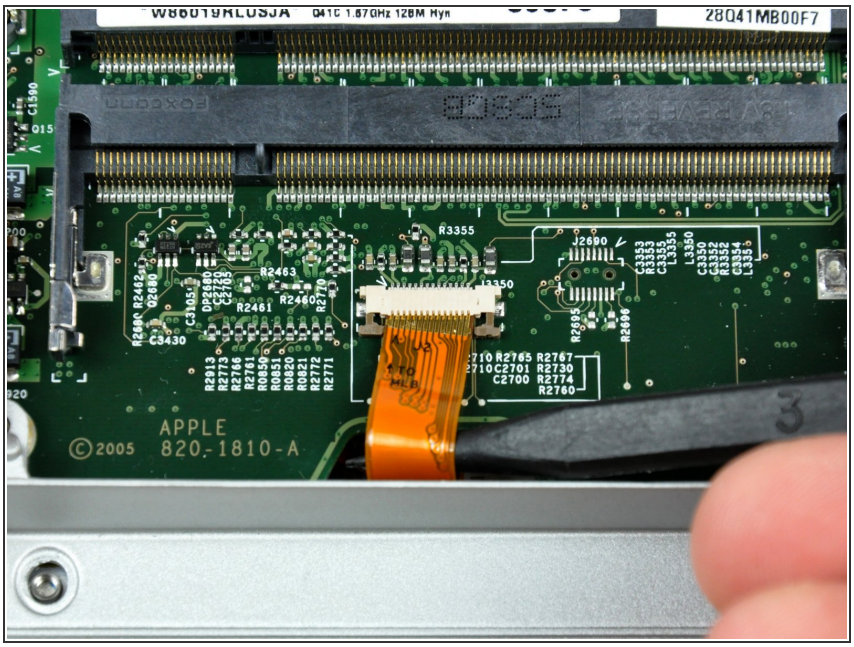


The ZIF cable is located underneath the bottom RAM slot. If your PowerBook has both RAM slots occupied, make sure to remove the RAM chip.

- Use your fingernails to separate the ZIF cable lock away from its socket. (Move the two brown bits down 1mm)

The ZIF cable lock will move about a millimeter away from the socket before it stops (see picture 2). **Do not** try to remove the ZIF cable lock.

Step 6



- Use the tip of a spudger to slide the trackpad ribbon cable out of its socket.

Step 7

- Remove the four 3.4 mm Phillips screws from the PC card side of the PowerBook.

When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.

Step 8

- Remove the four 3.4 mm Phillips screws from the DVI connector side of the PowerBook.

When replacing these screws, you must reinstall each screw in the correct order. Begin by installing the screw closest to the display hinge, and go out from there.

During reassembly, make sure to reinstall the two screws on the right into their appropriate locations, and not the DVI port anchor holes.

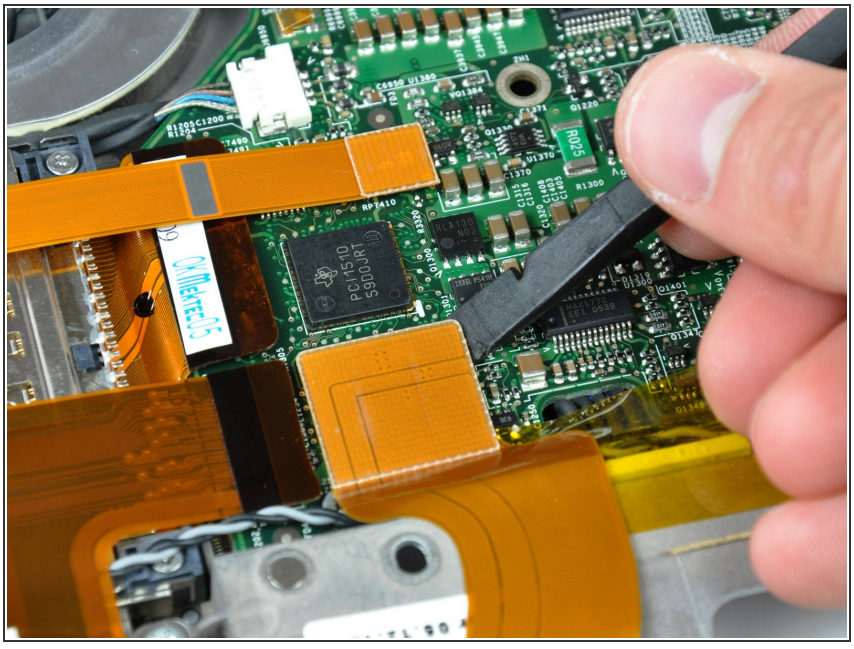
Step 9

- Depress the display latch release button and open your display.

Step 10

- Starting near the display, lift the upper case straight up off the lower case, minding any cables that may get caught.

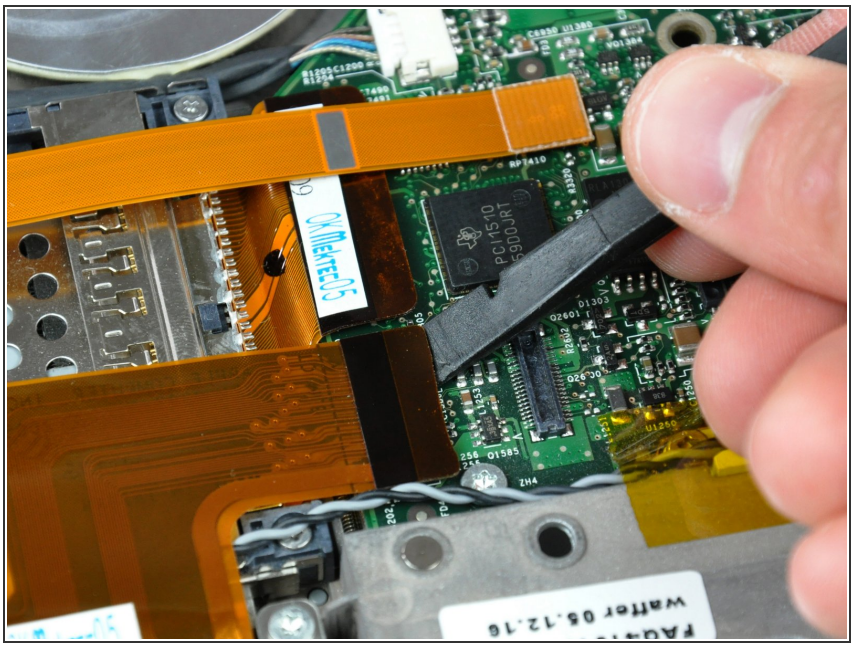
Step 11 — Hard Drive



- Use the flat end of a spudger to pry the sound card ribbon cable connector up off the logic board.
- Move the sound card ribbon cable away from the face of the hard drive.

ⓘ It is not necessary to disconnect the sound card ribbon cable from the sound card.

Step 12

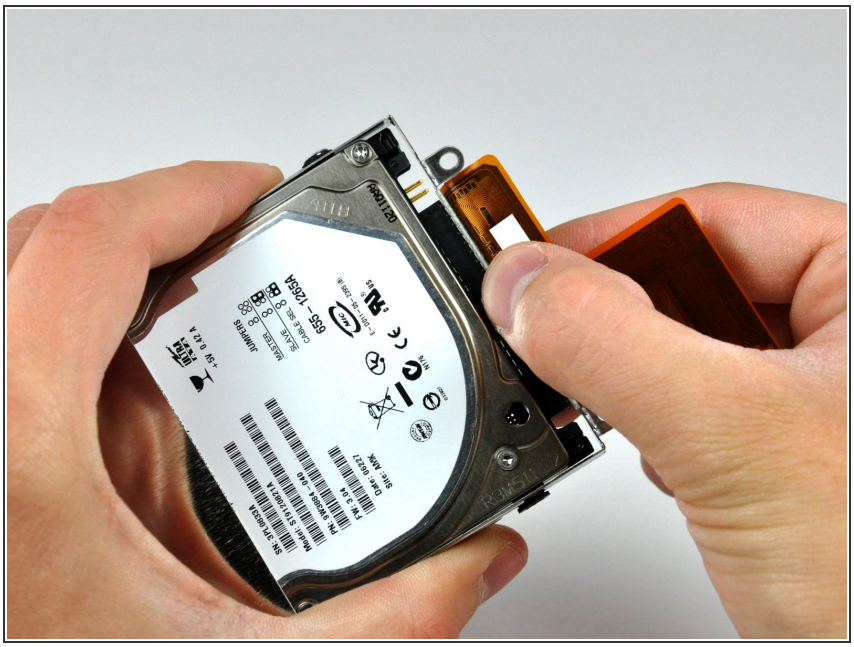


- Use the flat end of a spudger to pry the hard drive ribbon cable connector up off the logic board.

Step 13

- Remove the following four screws:
  - Three 11.1 mm T8 Torx.
  - One 3.9 mm T8 Torx.
- Lift the hard drive out of the lower case.

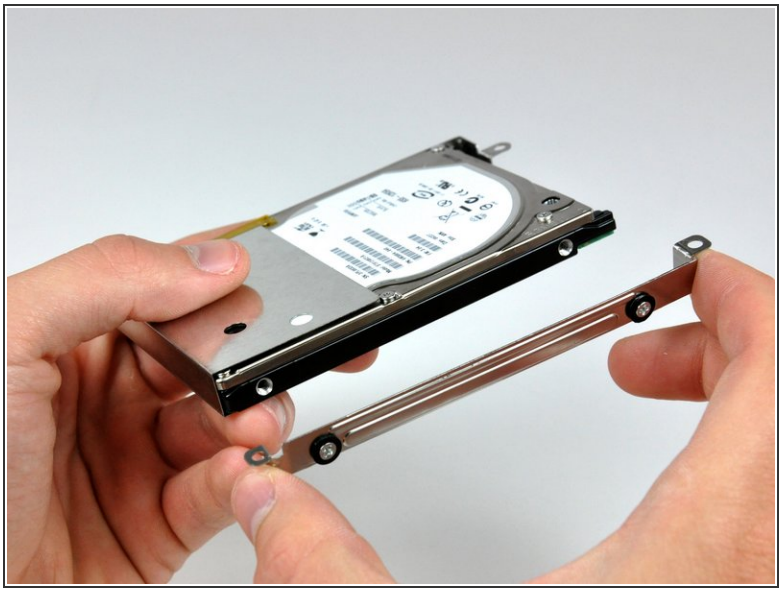
Step 14 — Hard Drive



- Pull the hard drive cable straight away from the hard drive. It is helpful to wiggle the connector while pulling it away from the hard drive.

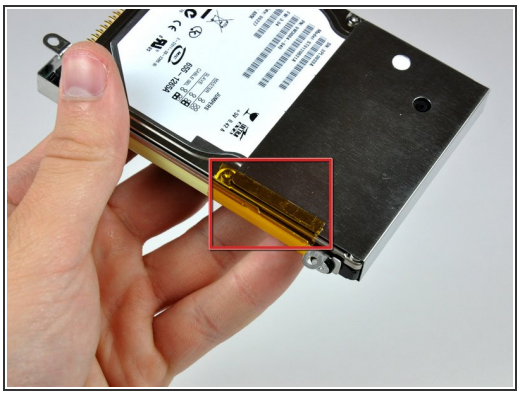
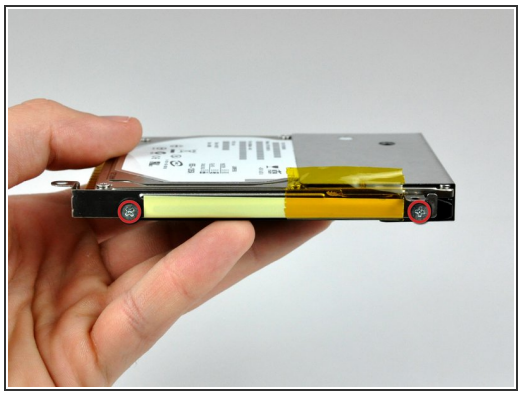
If you happen to bend the hard drive pins during removal, use the connector as a guide to bend them straight.

Step 15



- Remove the two Phillips screws from the right side of the hard drive.
- Pull the right hard drive bracket away from the hard drive.

Step 16


- If necessary, peel the piece of tape holding the left hard drive bracket to the hard drive shield off the hard drive shield.

It is not necessary to completely remove this piece of tape.

- Remove the two Phillips screws from the left side of the hard drive.
- Pull the hard drive bracket away from the hard drive.

Step 17

- Use the flat end of a spudger to separate the adhesive holding the hard drive shield on the hard drive.

Step 18

- Pull the hard drive shield off the hard drive.

To reassemble your device, follow these instructions in reverse order.