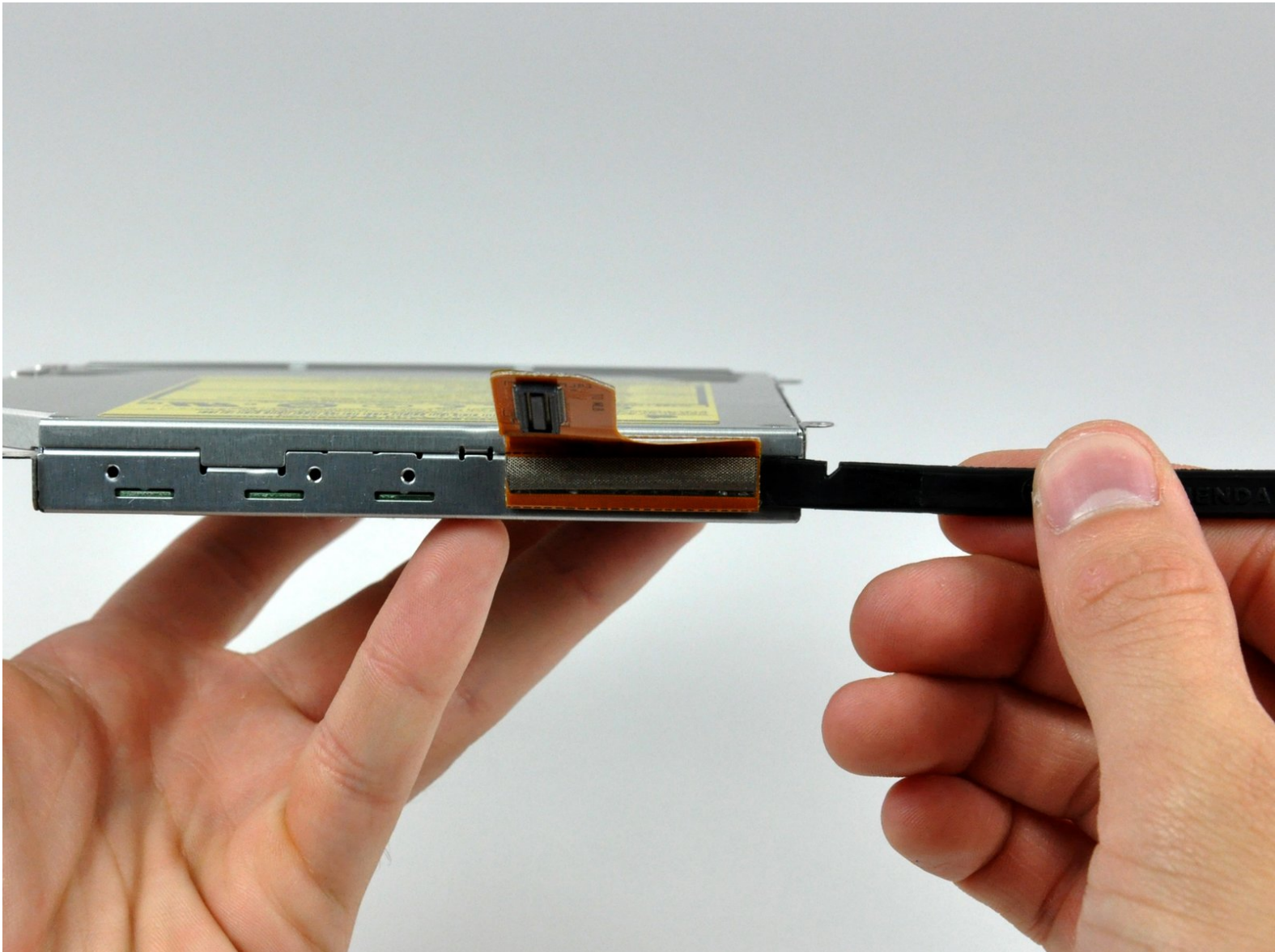# PowerBook G4 Aluminum 17" 1.67 GHz (High-Res) Optical Drive Replacement

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

Written By: Walter Galan

INTRODUCTION

Replace your optical drive to regain disk-reading ability.

TOOLS:

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

PARTS:

- 12.7 mm PATA 8x SuperDrive (UJ-875) (1)
- G4 Aluminum 17" 1.67 GHz (HR) SuperDrive Ribbon Cable (1)
- 12.7 mm PATA Optical Bay PATA Hard Drive Enclosure (1)

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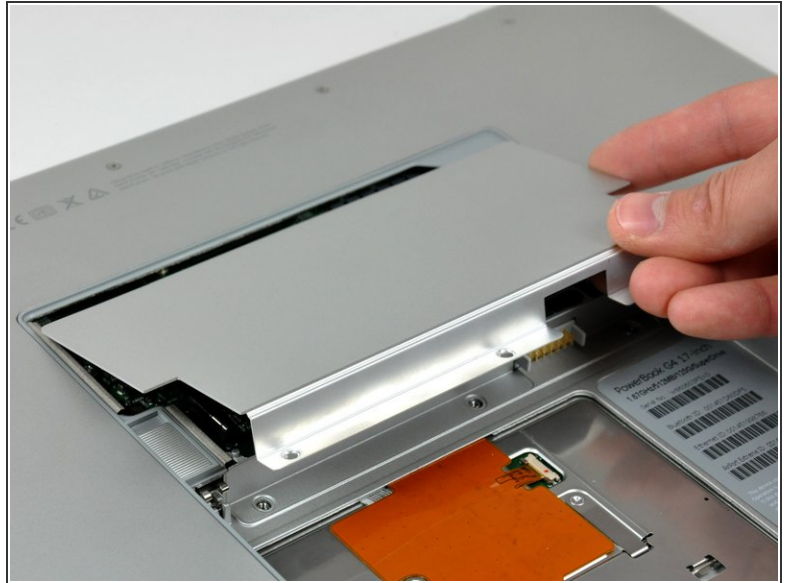
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Step 1 — Battery

- 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.
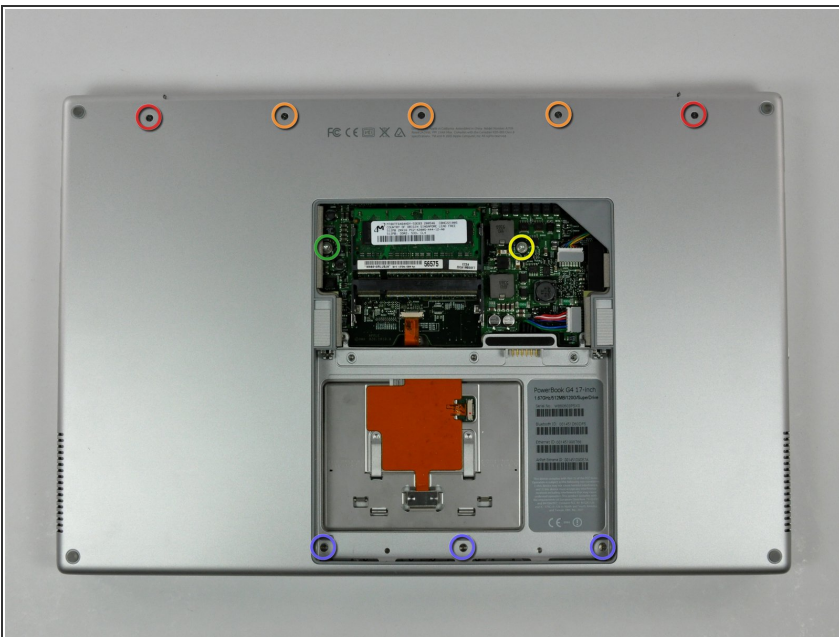
Step 2 — Memory Door

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

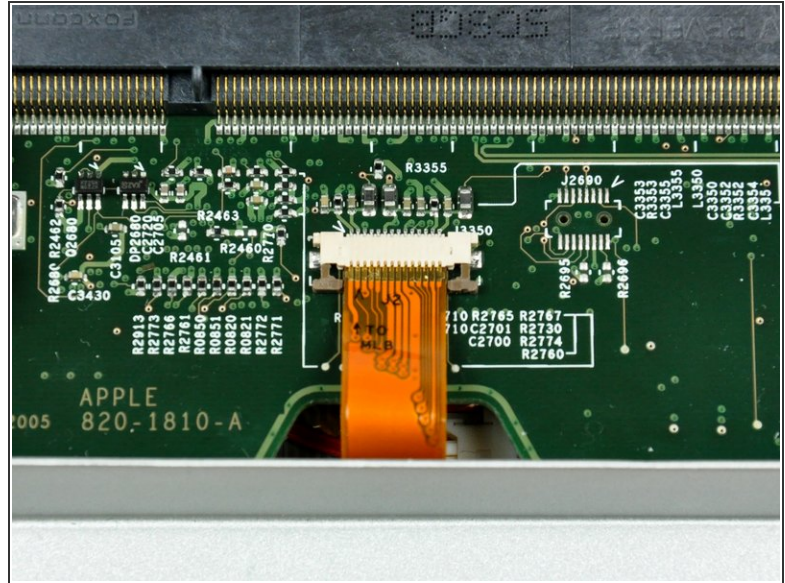This document was generated on 2020-11-26 06:56:40 AM (MST).

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.

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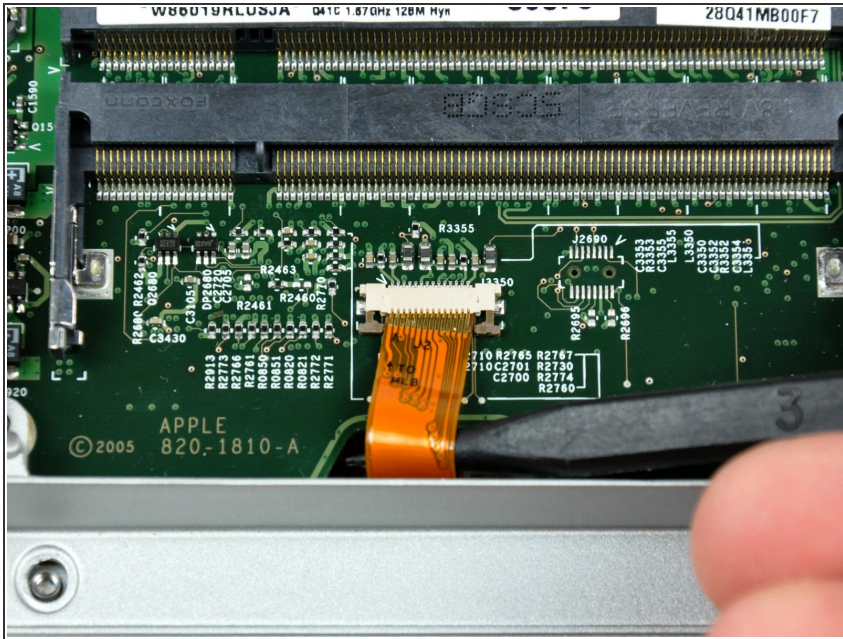
- Use the tip of a spudger to slide the trackpad ribbon cable out of its socket.

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.
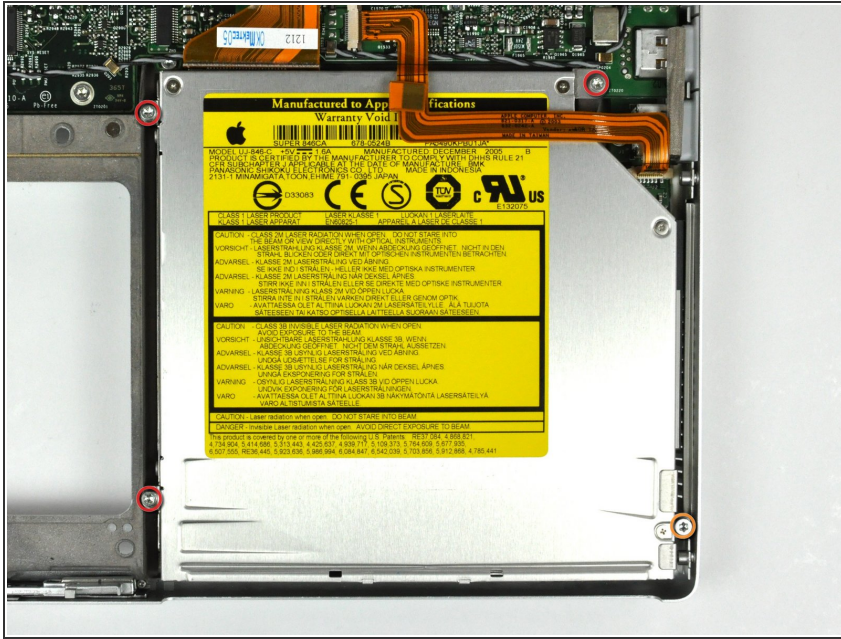
Step 10

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

Step 11 — Optical Drive

- Use the flat end of a spudger to pry the optical drive cable connector up off the logic board.
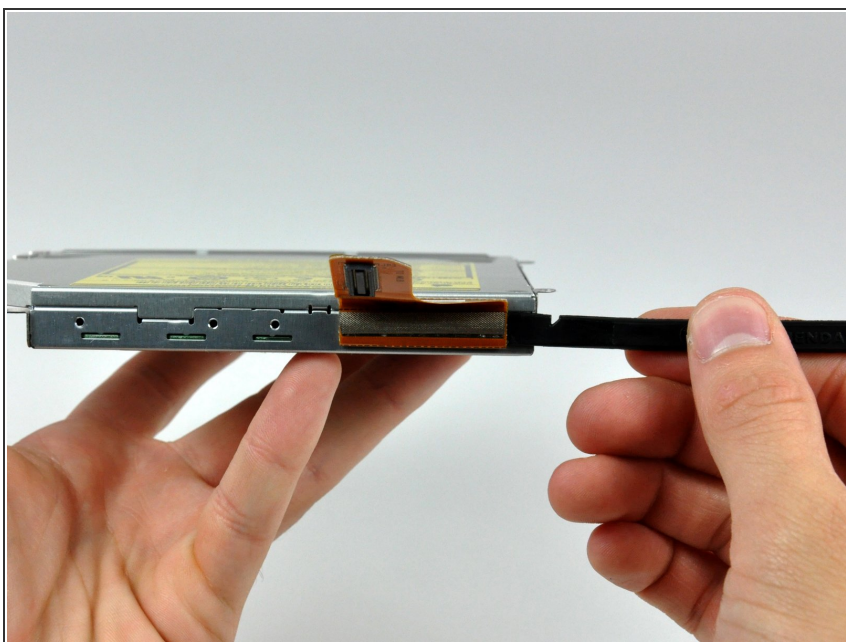
Step 12

- Remove the following four screws securing the optical drive to the lower case:
 - Three 6.8 mm T8 Torx.
  - One 3.8 mm T8 Torx.

Step 13

- Lift the optical drive out of the lower case, being careful not to disturb the PRAM battery & USB board ribbon cable.

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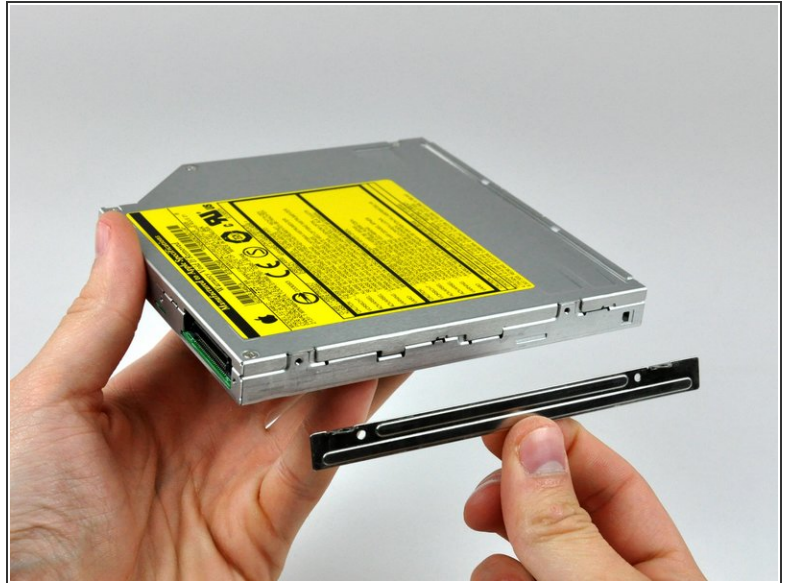
Step 14 — Optical Drive

- Use the flat end of a spudger to separate the optical drive connector from the optical drive.

- If necessary, pull the optical drive cable away from the optical drive.

Step 15
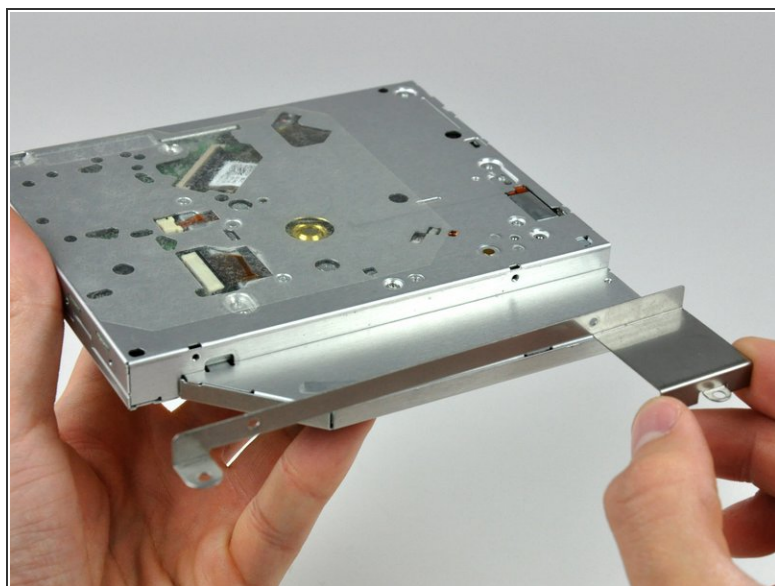
- Remove the two Phillips screws holding the optical drive bracket to the side of the optical drive.

- Pull the optical drive bracket away from the thin side of the optical drive.

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Step 16

- Remove the two Phillips screws securing the flat optical drive bracket to the side of the optical drive.

- Remove the optical drive bracket.

- ⓘ If you have a disk or anything else stuck inside your optical drive, we have a [guide](#) to fix it.

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

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