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

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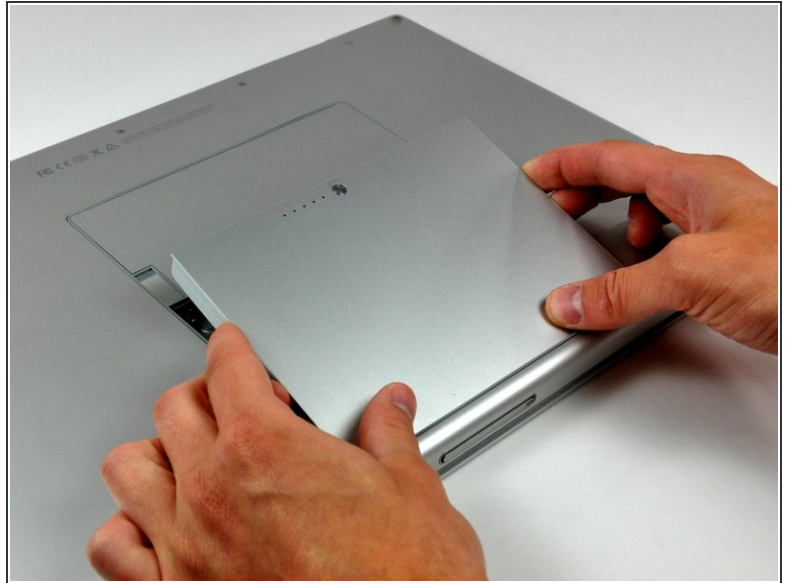# INTRODUCTION

Replace your modem to regain dial-up internet access.

TOOLS:

- 4mm Nut Driver (1)
- Phillips #00 Screwdriver (1)
- Spudger (1)
- T8 Torx Screwdriver (1)

PARTS:

- G4 Aluminum 15" 1.33/1.5/1.67 GHz Modem (1)
- G4 Aluminum 17" 1.67 GHz (HR) Modem Cable (1)

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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.
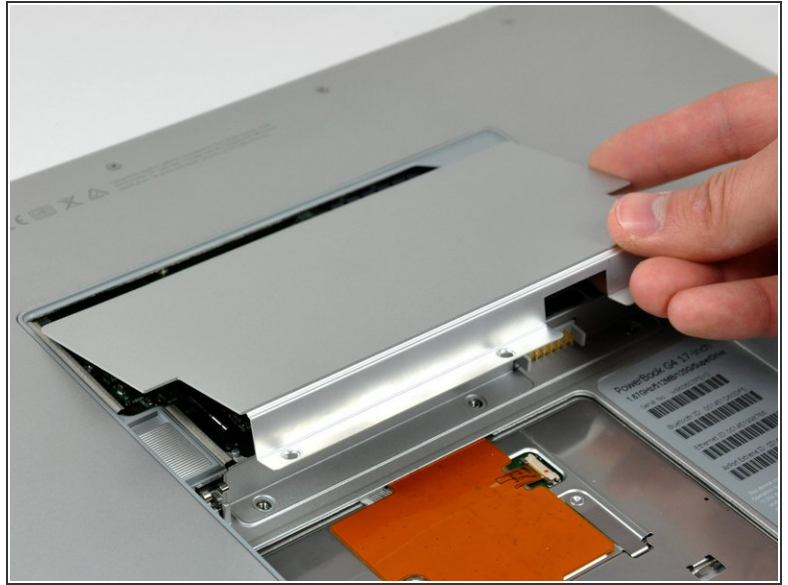
Step 2 — Memory Door

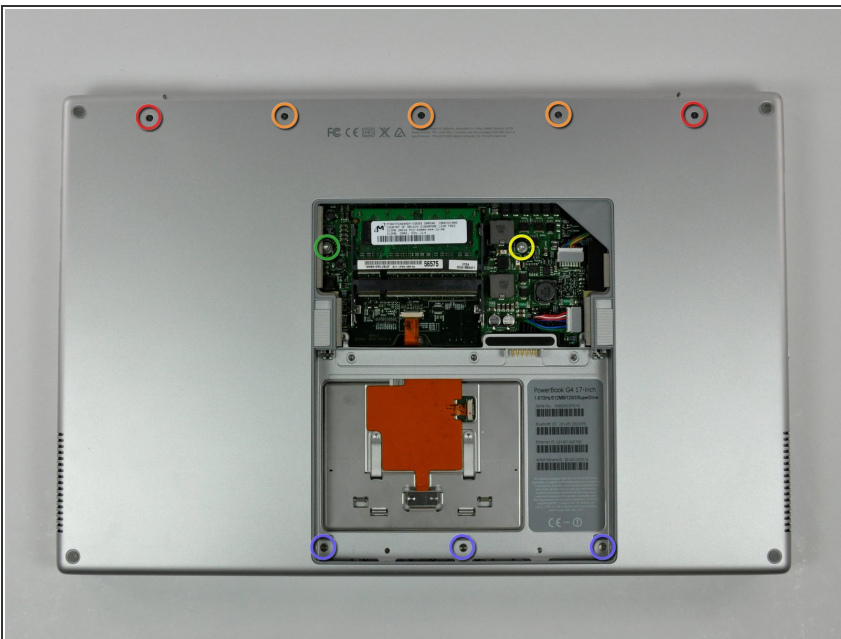- Remove the three 2.3 mm Phillips screws securing the memory cover to the lower case.

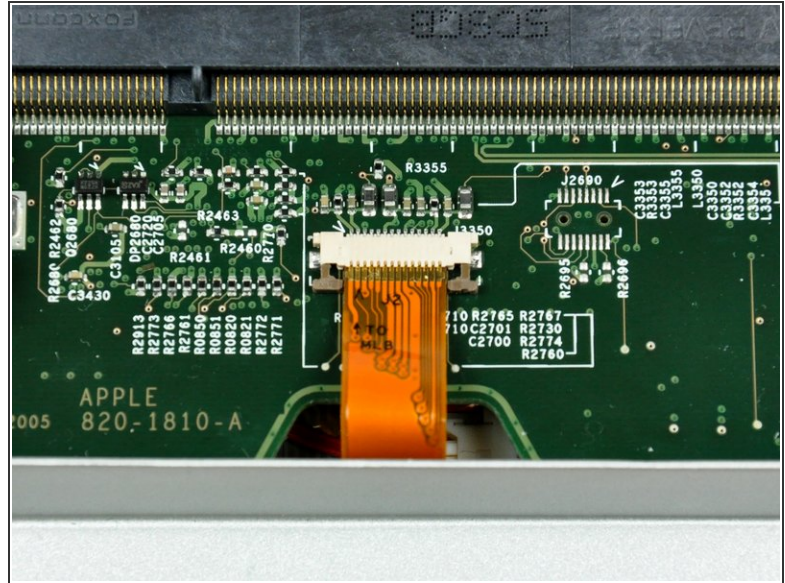This document was generated on 2020-11-22 01:20:35 AM (MST).

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.
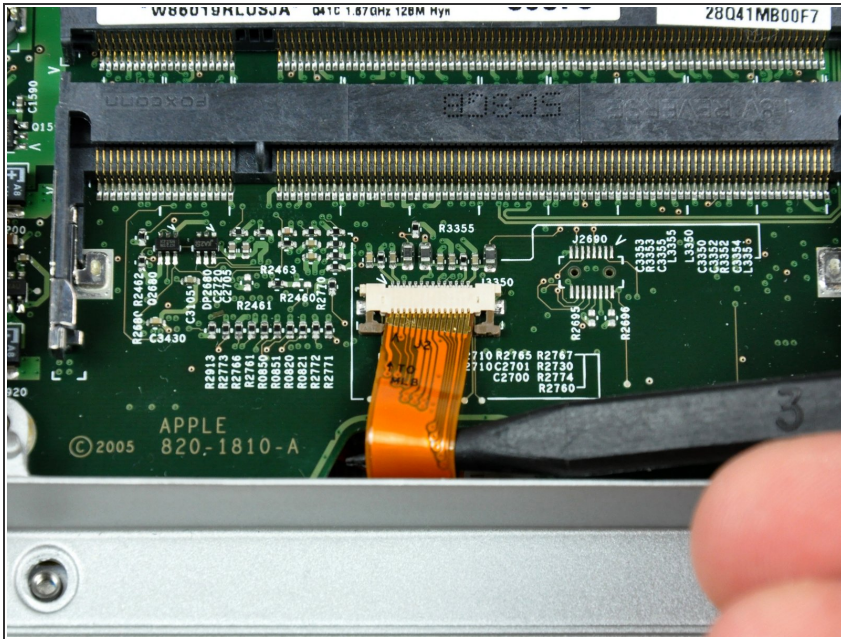 - Three 1.3 mm Phillips.

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.

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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 — Modem

- If necessary, peel back the strip of aluminum tape covering the modem cable.
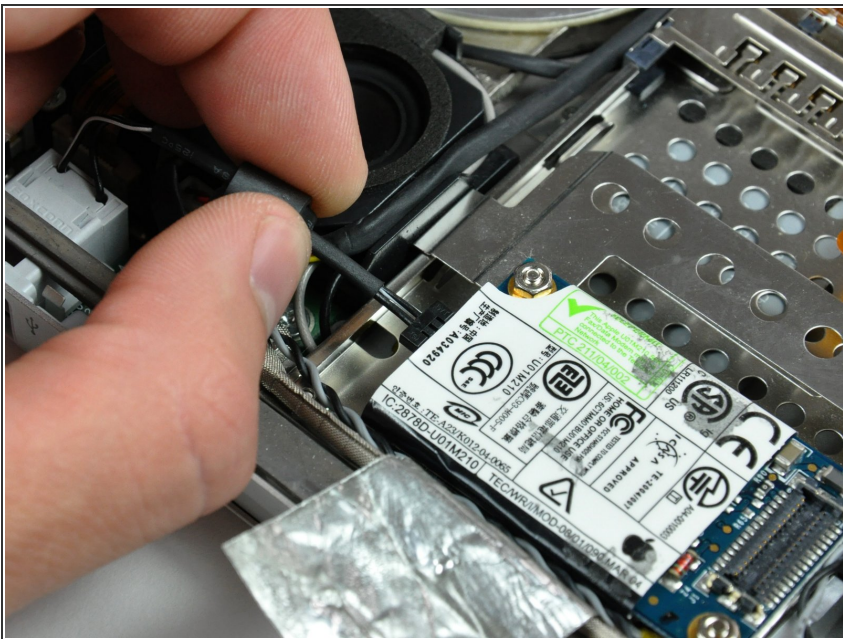
Step 12

- Use the flat end of a spudger to pry the modem cable connector up off the modem.
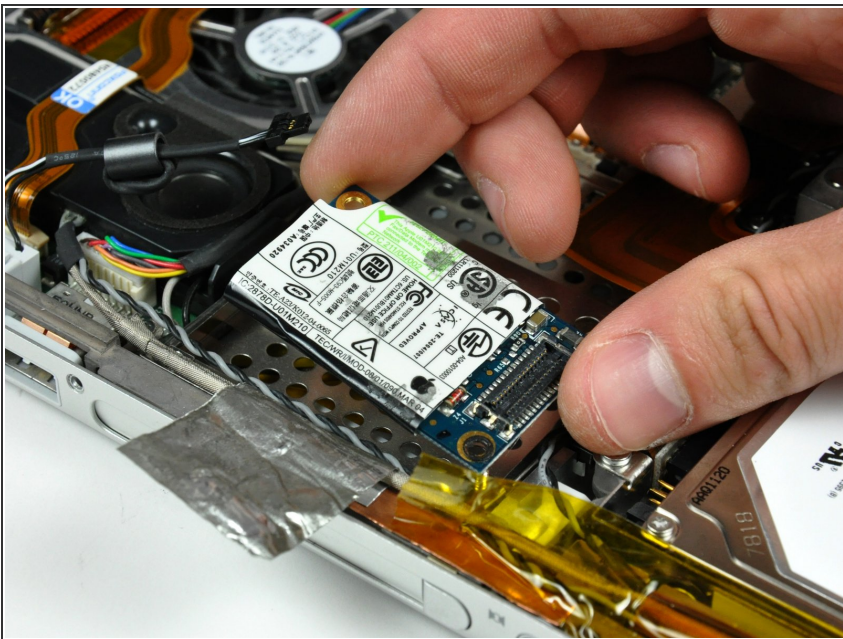
Step 13

- Disconnect the RJ-11 cable from the modem.

Step 14

- Use a 4 mm nut driver to remove the two nuts securing the modem to the PC card cage.

Step 15

- Lift the modem straight up off the studs on the PC card cage.

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

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