PowerBook G3 Pismo Modem Replacement

56k internal modem, standard on all models.

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INTRODUCTION

56k internal modem, standard on all models.
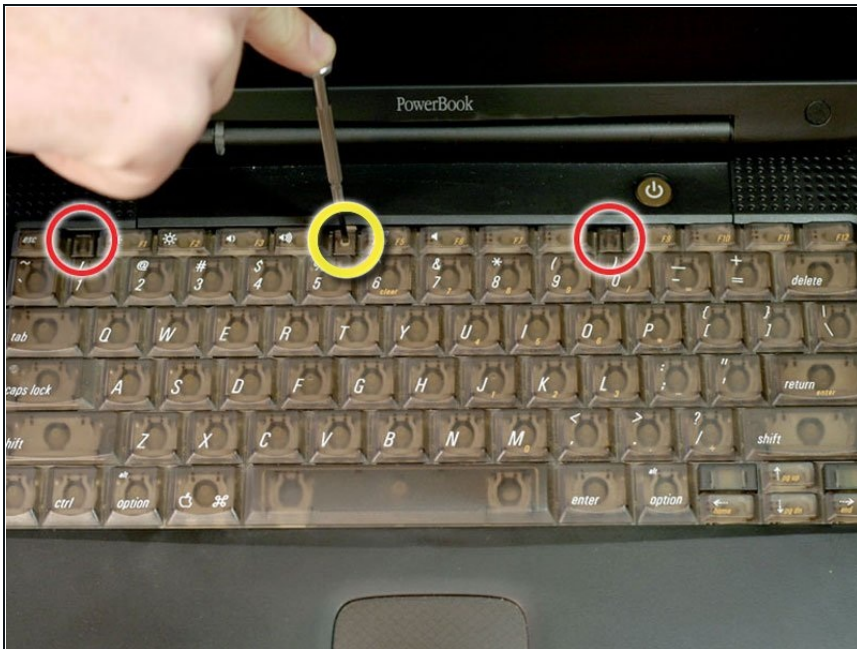

🔧 **TOOLS:**

Anti-Static Wrist Strap (1)
Phillips #0 Screwdriver (1)
Spudger (1)
TR8 Torx Security Screwdriver (1)
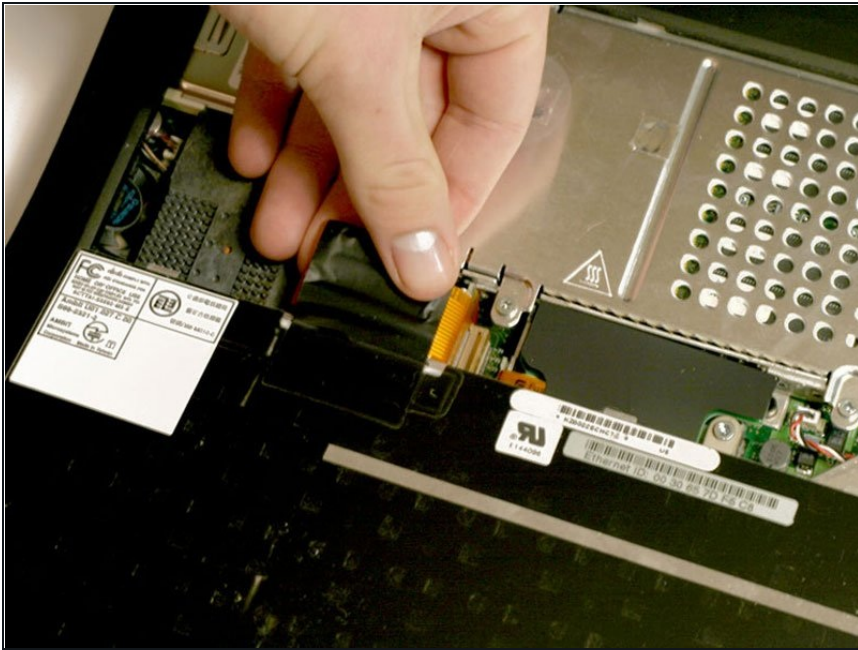
⚙️ **PARTS:**

G3 Lombard or Pismo 56k Internal Modem (1)

Step 1 — Keyboard

- Turn the keyboard locking screw so that it is parallel to the space bar.

- Pull the keyboard release tabs toward you and lift up on the keyboard until it pops free.

- Lift the keyboard out by pulling it up and away from you. Rest the keyboard, face down, on top of the track pad.
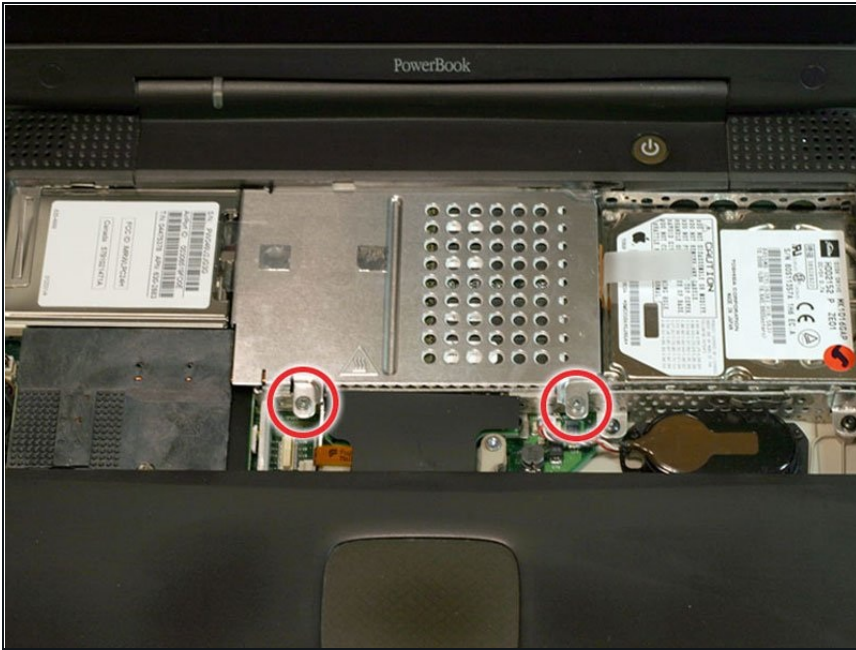
Step 2

- Pull the keyboard ribbon straight up from the logic board. Place the keyboard aside.

- ⓘ The connector may be tight. Gently rock the connector from side to side while pulling directly upward to free it. You can use this technique on many of the cards and cables you'll be disconnecting.

- ⓘ Make sure you have removed the laptop battery and CD/DVD modules from the expansion bays before proceeding.

Step 3

- Your laptop should look approximately like this.

Step 4 — Heat Shield

- Remove the two silver Phillips #1 screws that attach the heat shield to the internal metal framework.

- Lift the heat shield up and pull it toward you.

Step 5

- Your laptop should look approximately like this.

Step 6 — Airport Card

ⓘ Skip this step if your computer does not have an Airport card installed.

● Firmly grasp the plastic tab attached to the Airport card and pull up and then to the right.

ⓘ The Airport card is still attached to the antenna cable, so don't just yank it out of the slot.

Step 7

● Disconnect the antenna cable from the Airport card.
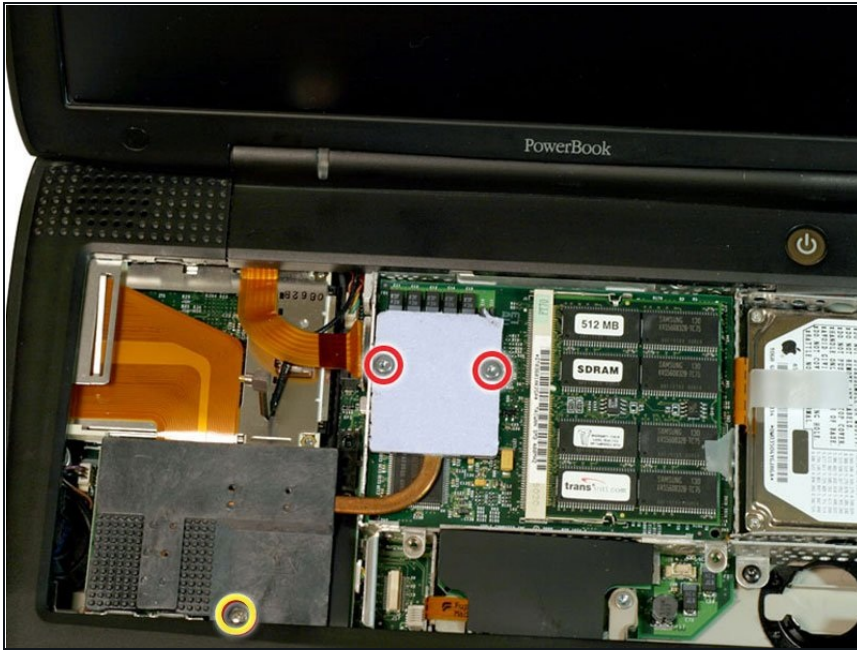
Step 8 — PRAM Battery

- Pull the battery cable directly up from the logic board.

- Remove the battery from its holder by pulling up and to the left.
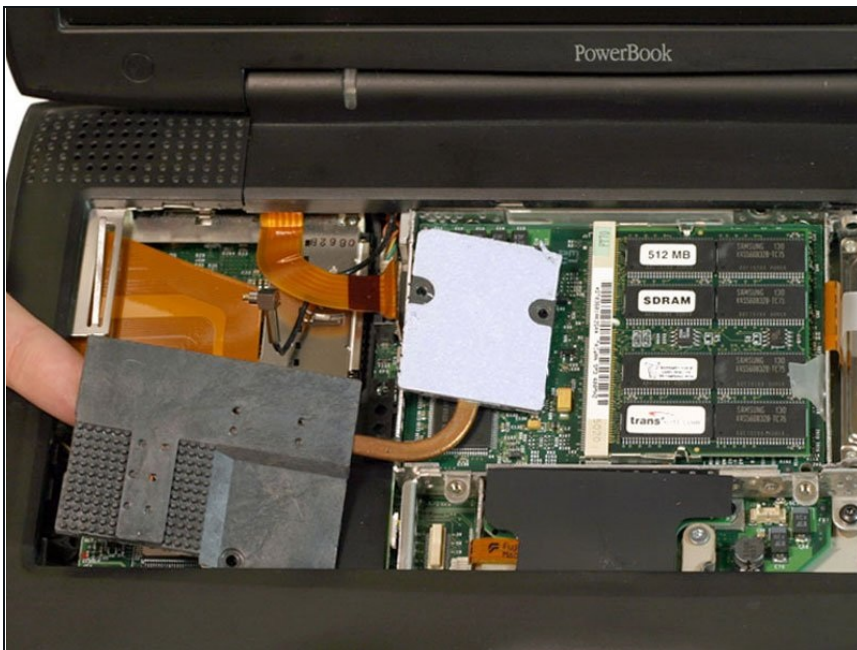
Step 9

- Your laptop should look approximately like this.

Step 10 — Heat Sink

- Remove the long silver Phillips #1 screw from the heat sink.

- Remove the two T8 Torx screws that attach the heat sink to the processor.

Step 11

- Lift the heat sink up from the left side and pull it out.

- ⓘ If you need to mount the heat sink back into the laptop, we have a [thermal paste guide](#) that makes replacing the thermal compound easy.

Step 12 — Processor

- Grasp the plastic tab on the processor's right side and pull it directly up.

- ⓘ Some processors may be missing the plastic pull tab. In this case, we suggest using a non-metal tool to gently pry up the processor. Slip the tool's thin edge under the front right corner of the processor and carefully pry it up.
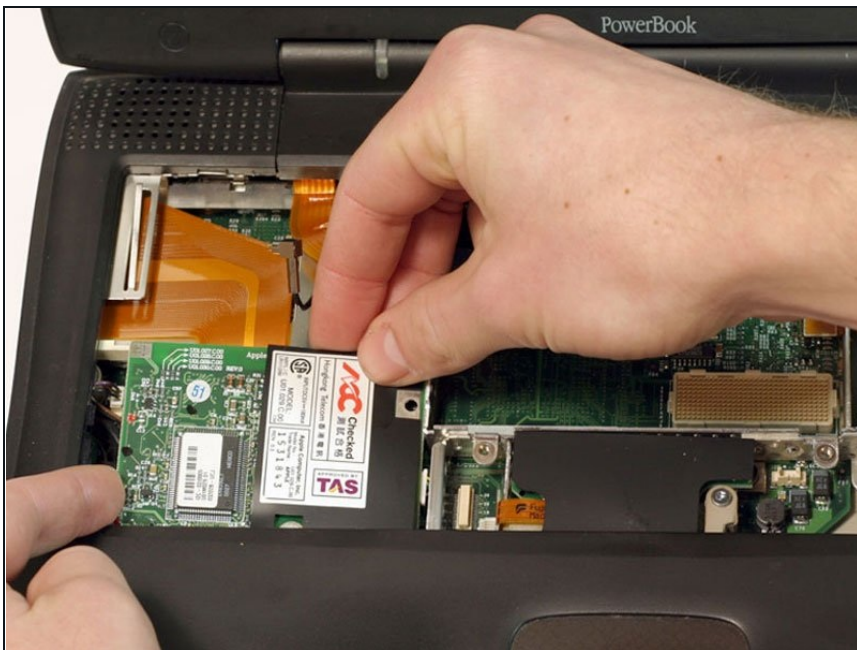
Step 13

- Your laptop should look approximately like this.
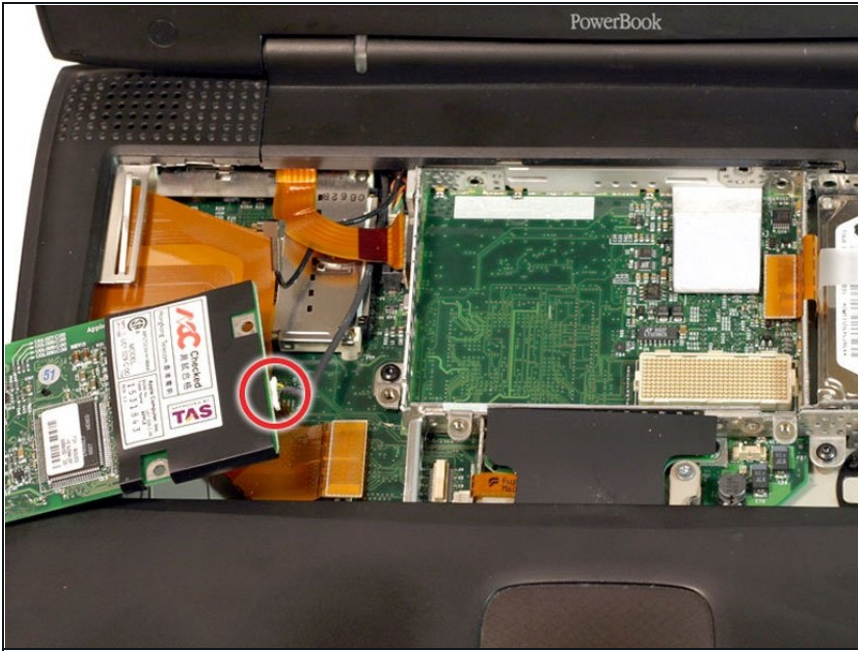
Step 14 — Modem

- Remove the black Torx screw from the right side of the modem.

- Remove the small black plastic rectangle with four holes.

Step 15

- Use the tips of your fingers, a spudger, or a flat non-metal tool to get under the modem's edge and pry it up from its socket.

Step 16

- Disconnect the cable from the right side of the modem.

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