



Installing PowerBook G4 Titanium DVI Modem

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Tools used in this guide

- [T6 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)

Parts relevant to this guide

- [G4 Titanium Onyx or DVI 56k Modem](#) (1)

The 56k internal modem is attached to the optical drive and standard on all models.



Step 1 — Battery

- Locate the battery release tab on the underside of the G4.
- Slide the battery release tab to the left and lift the battery out of the computer.



Step 2 — Lower Case

- Remove the seven T8 Torx screws from the lower case.



Step 6 — Hard Drive

- Disconnect the hard drive ribbon from the logic board using a spudger or the tip of your finger.



Step 7

- To free the hard drive, remove the two T8 Torx screws from the right wall of the battery housing.



Step 8

- Remove the hard drive by lifting the left edge up and out of the computer.
- There are four rubber bumpers that fit over the hard drive screws. Ensure that these bumpers come out when you remove the hard drive.





Step 9

- Your laptop should look approximately like this.



Step 10 — Optical Drive Removal

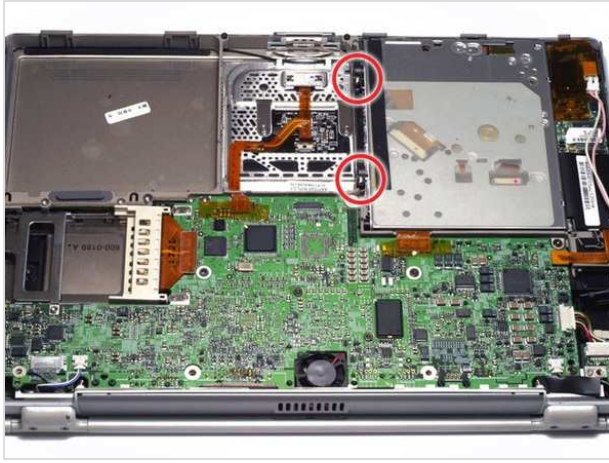
- Disconnect and remove the indicated orange ribbon cable.



Step 11

- Disconnect the pink and white inverter cable from the inverter board.
- The display inverter has orange plastic shielding around it that looks similar to the tape used elsewhere within the computer. Do not remove the shielding from the inverter.





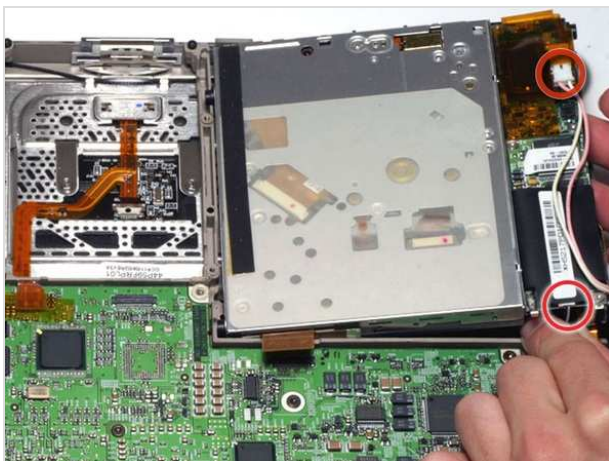
Step 12

- Remove the two silver T8 Torx screws from the black plastic bar.
- Lift the black plastic bar out.
- Reassembly will be significantly easier if you reseal the hard drive **before** returning the black bar to its place.



Step 13

- Disconnect the two orange connectors from the logic board, removing tape as necessary.



Step 14

- Lift the drive up on the right side so that you can access and disconnect the modem cable and inverter cable.



Step 15

- Remove the drive by lifting the right edge up and out of the computer.



Step 16 — Modem



- Remove the two T6 Torx screws from the modem.
- Lift the modem off the optical drive, carefully guiding the orange ribbon cable through the space in the drive mount.

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



This document was last generated on Feb 23, 2012.





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Lower Case
7 T8 Torx





Hard Drive
2 T8 Torx





HD Replacement
2 T8 Torx



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Optical Drive
2 T8 Torx



Modem
2 T6 Torx



Inverter
2 T6 Torx



DC-In Board
2 T6 Torx



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To organize your screws, simply place each screw in the appropriate box as you remove them from your laptop.



If you are not planning on immediately reassembling your laptop, you may want to tape the screws to this paper.

Due to model variations, the screws you remove may differ slightly from this guide.





Modem Filter Board
1 T8 Torx



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Modem Filter Board
1 T6 Torx





Logic Board
5 T8 Torx





Logic Board
1 T8 Torx



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Logic Board
1 T8 Torx



PC Card Cage
1 T8 Torx



PC Card Cage
1 T8 Torx

