



# Installing PowerBook G4 Titanium DVI Optical Drive Removal

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## Tools used in this guide

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

How to remove the combo or SuperDrive, including the attached modem and display inverter.



## 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 3

- Using your thumbs, slide the lower case away from you.
- The lower case may stick in the front on a tab just above the center of the optical drive. Be careful as you work the case off, or you may break the thin strip of plastic just above the drive.
- Lift the lower case off.



### Step 4

- Your laptop should look approximately like this.



### Step 5 — Hard Drive

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



## Step 6

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



## Step 7

- 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 8

- Your laptop should look approximately like this.



## Step 9 — Optical Drive Removal

- Disconnect and remove the indicated orange ribbon cable.



## Step 10

- 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 11

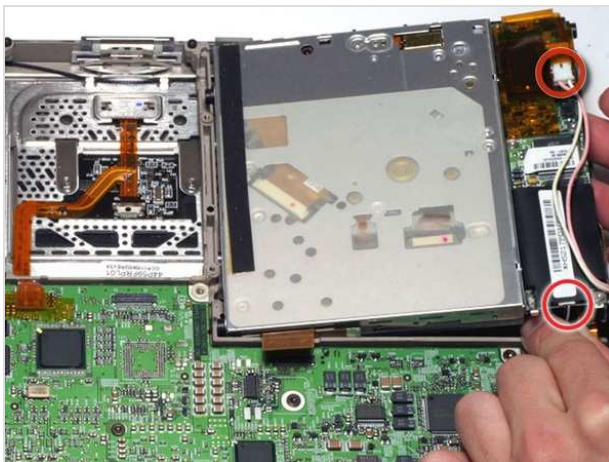
- Remove the two silver T8 Torx screws from the black plastic bar.
- Lift the black plastic bar out.
- Reassembly will be significantly easier if you reseat the hard drive **before** returning the black bar to its place.





## Step 12

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



## Step 13

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





## Step 14

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



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

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
Lower Case  
7 T8 Torx



Hard Drive  
2 T8 Torx



HD Replacement  
2 T8 Torx



Optical Drive  
2 T8 Torx

Modem  
2 T6 Torx

Inverter  
2 T6 Torx



DC-In Board  
2 T6 Torx





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



Modem Filter Board  
1 T6 Torx



Logic Board  
5 T8 Torx



Logic Board  
1 T8 Torx

Logic Board  
1 T8 Torx

PC Card Cage  
1 T8 Torx

PC Card Cage  
1 T8 Torx



