



# Installing PowerBook G4 Titanium DVI Optical Drive

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## Tools used in this guide

- [Phillips #00 Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)

## Parts relevant to this guide

- [G4 Titanium DVI 1x SuperDrive](#) (1)
- [G4 Titanium DVI 8x Combo Drive](#) (1)

Easily upgrade to a fast 8x SuperDrive.



## 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

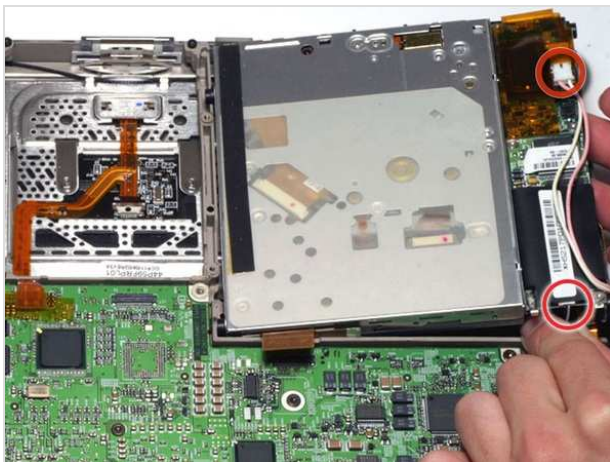
- Remove the two silver T8 Torx screws from the black plastic bar.
- Lift the black plastic bar out.
- Reassembly will be significantly easier if you reseat the hard drive **before** returning the black bar to its place.





## 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.



## Step 15 — Optical Drive

- Remove the 4 T6 Torx screws securing the modem and inverter boards to the optical drive.
- Lift the inverter board off of the optical drive.
- Lift the modem off of the optical drive, carefully guiding the orange cable through the metal mounting bracket.




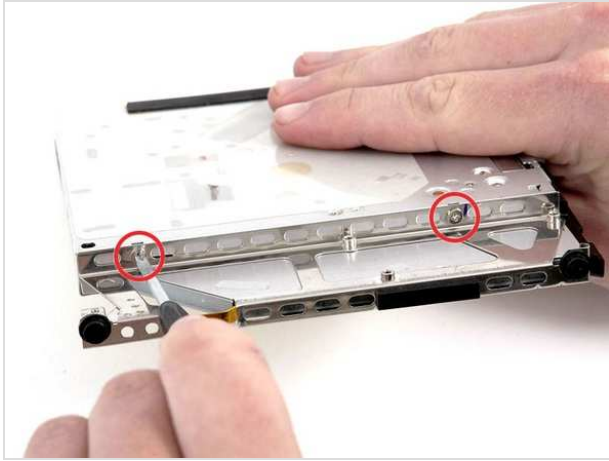
## Step 16

- Disconnect the orange optical drive ribbon from the back of the drive.



## Step 17

- If your new optical drive already has a bracket and bezel for your model, then you are done. 
- Remove the 2 Phillips screws from the side with the longer bumper.
- Remove the bracket from the optical drive.




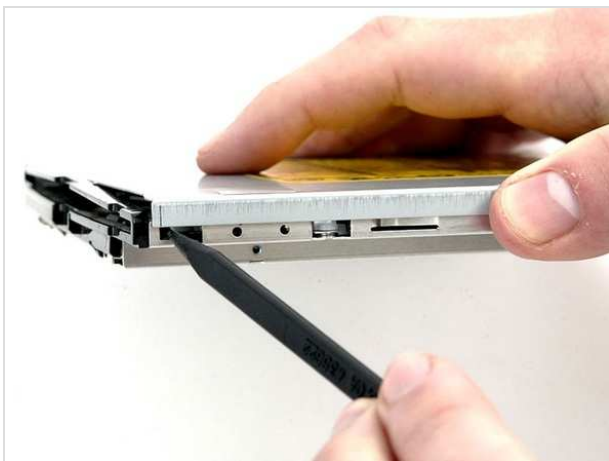
## Step 18

- Remove the 2 Phillips screws from the other side of the optical drive.
- Remove the bracket from the optical drive.



## Step 19

- Depending on the new drive's model, the bezel on your old drive may not transfer to the new one. The bezel is not strictly necessary, and the drive will probably work fine without it, but you should transfer it if you can in order to ensure proper alignment with the case. 
- Remove the 4 Phillips #00 screws from the top of the optical drive.



## Step 20

- Lift up on the thinner edge of the optical drive so that you can access and depress the recessed black tab using a spudger.



## Step 21

- Use a spudger to depress and release the two black tabs on top of the optical drive directly over the bezel.



## Step 22

- Use a spudger to depress and release the black tab on the left side of the optical drive.



## Step 23

- Carefully remove the bezel from the optical drive, minding the two plastic tabs on the bottom, which may catch.
- If you have a CD or any other object jammed in your optical drive, we have an [optical drive repair guide](#).





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



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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

