



# Installing MacBook Pro 15" Core 2 Duo Models A1226 and A1260 Dual Hard Drive

Use this guide to install a second hard drive in place of the optical drive.

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## INTRODUCTION

There are many benefits to adding a second hard drive to your laptop such as improved speeds, greater storage space, and less heartache when installing new software. Use this guide to install one using our optical bay hard drive enclosure.



### TOOLS:

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



### PARTS:

- [9.5 mm PATA Optical Bay SATA Hard Drive Enclosure](#) (1)

## Step 1 — Battery



- Use your fingers to push both battery release tabs away from the battery, and lift the battery out of the computer.

## Step 2 — RAM Shield



- Remove the three identical 2mm Phillips screws from the memory door.
- Lift the memory door up enough to grip it and slide it toward you, pulling it away from the casing.

### Step 3 — Upper Case



- Remove the two 2.8 mm Phillips screws in the battery compartment near the latch.

### Step 4



- Remove the following 6 screws:
  - Two 10 mm T6 Torx screws on either side of the RAM slot.
  - Four 14.5 mm Phillips screws along the hinge.

## Step 5



- Remove the four 3.2 mm PH00 Phillips screws on the port side of the computer.

## Step 6



- Rotate the computer 90 degrees and remove the two 3.2 mm Phillips screws from the rear of the computer.

## Step 7



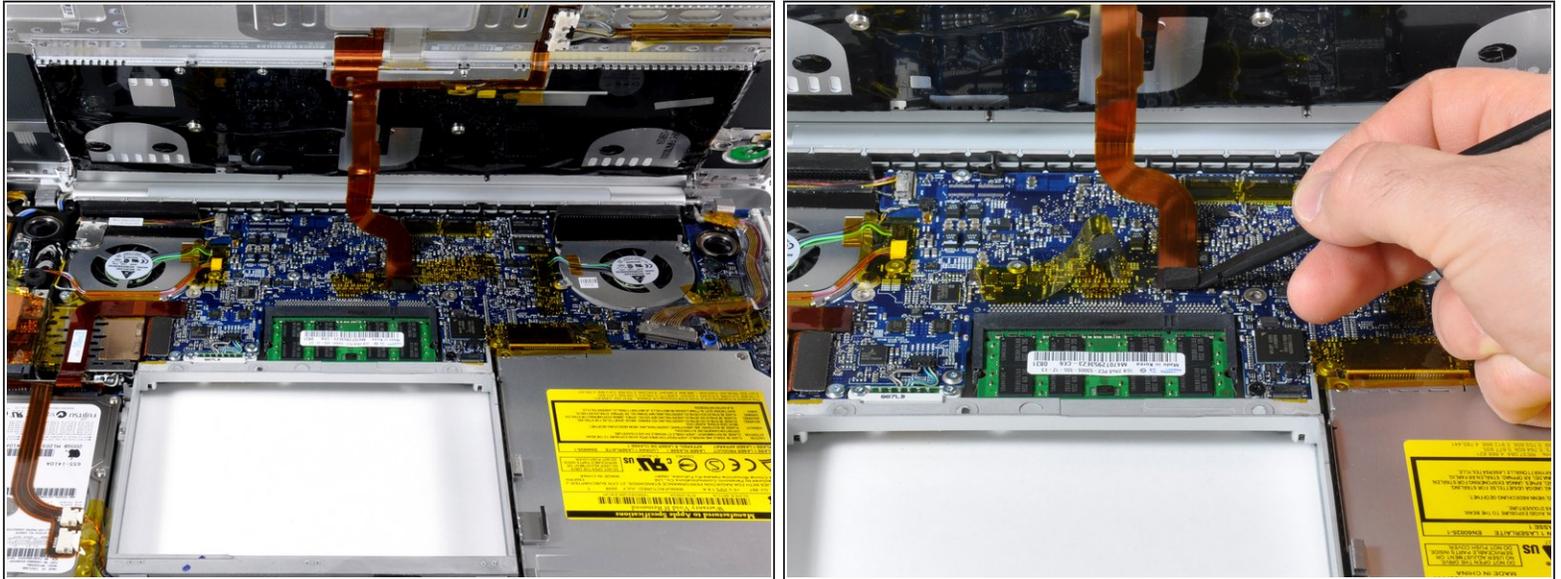
- Rotate the computer 90 degrees again and remove the four 3.2 mm Phillips screws from the side of the computer.

## Step 8



- ⓘ Do not yank the upper case off quickly. The case is attached to the logic board via a ribbon cable.
- Lift up at the rear of the case and work your fingers along the sides, freeing the case as you go. Once you have freed the sides, you may need to rock the case up and down to free the front of the upper case.
- There are four plastic clips above the DVD slot, and another above and to the left of the IR sensor. These clips can be very difficult to disengage without prying. They can also be difficult to re-engage during reassembly.
- ✦ **Reassembly Tip:** Press down firmly on the tip of the top case above the location of each clip until you hear a *snap* to reseat them in their slots.
- ✦ **Reassembly Tip:** The two center DVD clips will rarely snap back into place properly without help, and downward pressure will instead simply deform the frame around the DVD slot. Support the frame by inserting a plastic spudger into the DVD slot directly under the clip location until it is snug, then press down until you hear the *snap*.

## Step 9



- Disconnect the trackpad and keyboard ribbon cable from the logic board, removing tape as necessary.
- ⓘ Note: It is possible to replace the hard drive without disconnecting the keyboard from the chassis, but it will need to be held upright to keep it out of the way, while still allowing you both hands to work on the drive removal.
- ⓘ Be careful when removing the keyboard-trackpad ribbon cable to ensure that the rear of the upper case is disengaged from the area near the hinge. It is easy to accidentally bend the screw receivers on either side of the keyboard.
- Remove the upper case.

## Step 10 — Optical Drive



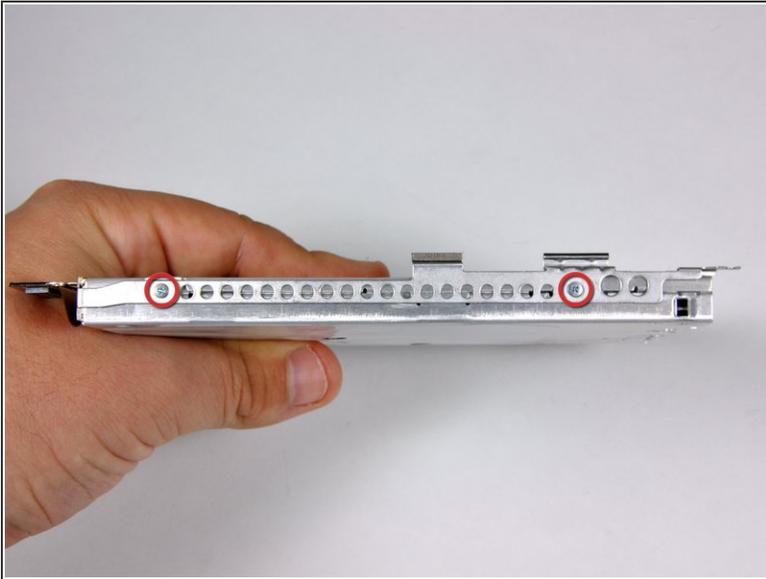
- Use the flat end of a spudger to disconnect the orange SuperDrive ribbon cable from the logic board, removing tape as necessary.

## Step 11



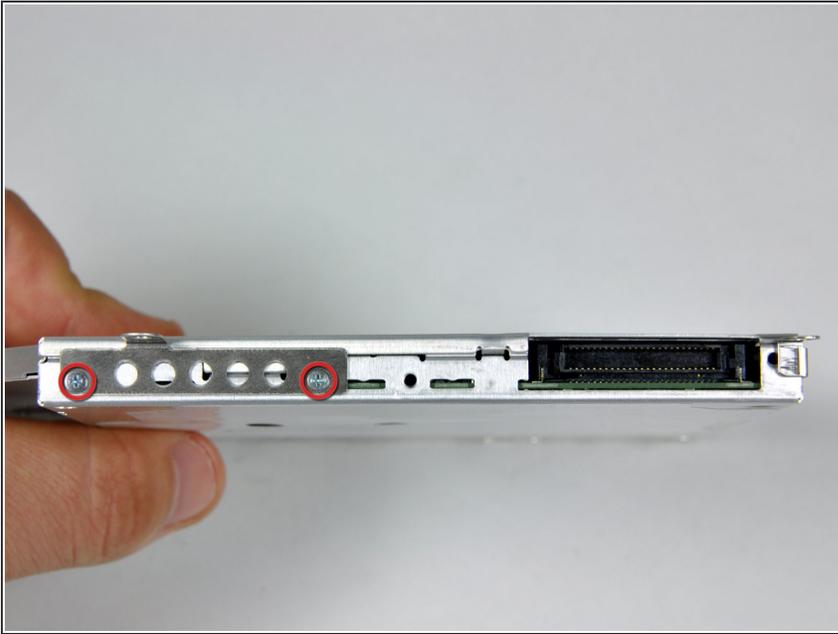
- Remove the following 4 screws:
  - Two 3.3 mm silver Phillips screws on either side of the SuperDrive.
  - One 4.7 mm silver T6 Torx screw from the top left corner of the drive.
  - One 6.2 mm black Phillips screw at the top right corner of the drive.
- Lift the optical drive up and out of the computer.

## Step 12 — Optical Drive



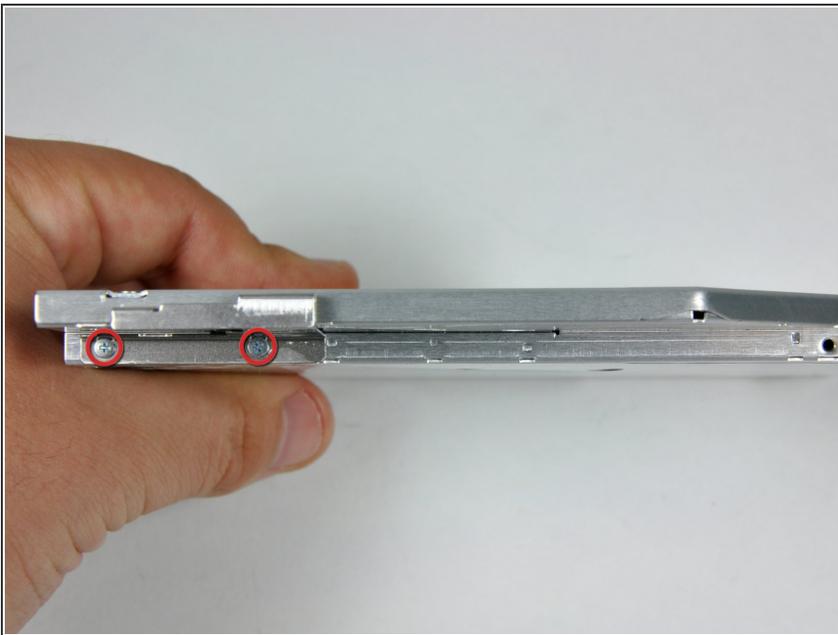
- i** If your new optical drive already has brackets on it, you'll only need to transfer the data cable to your new drive. Skip the bracket removal steps below.
- Remove the two silver Phillips screws securing the mounting bracket to the left side of the optical drive.
  - Rotate the drive and disconnect the orange ribbon cable from the optical drive.

## Step 13



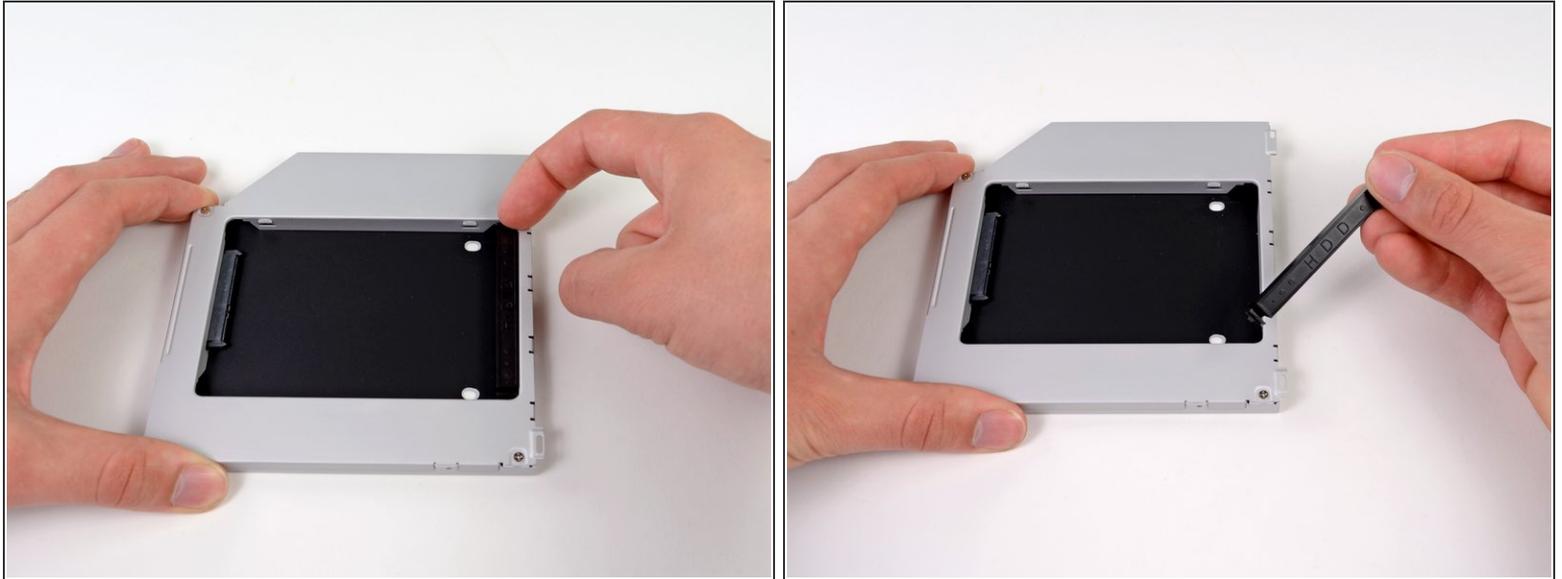
- Remove the two Phillips screws securing the mounting bracket to the rear of the optical drive.

## Step 14



- Rotate the drive and remove the two Phillips screws securing the mounting bracket to the right side of the optical drive.
- ⓘ If you have a CD or any other object jammed in your optical drive, we have an [optical drive repair guide](#).

## Step 15 — Dual Hard Drive



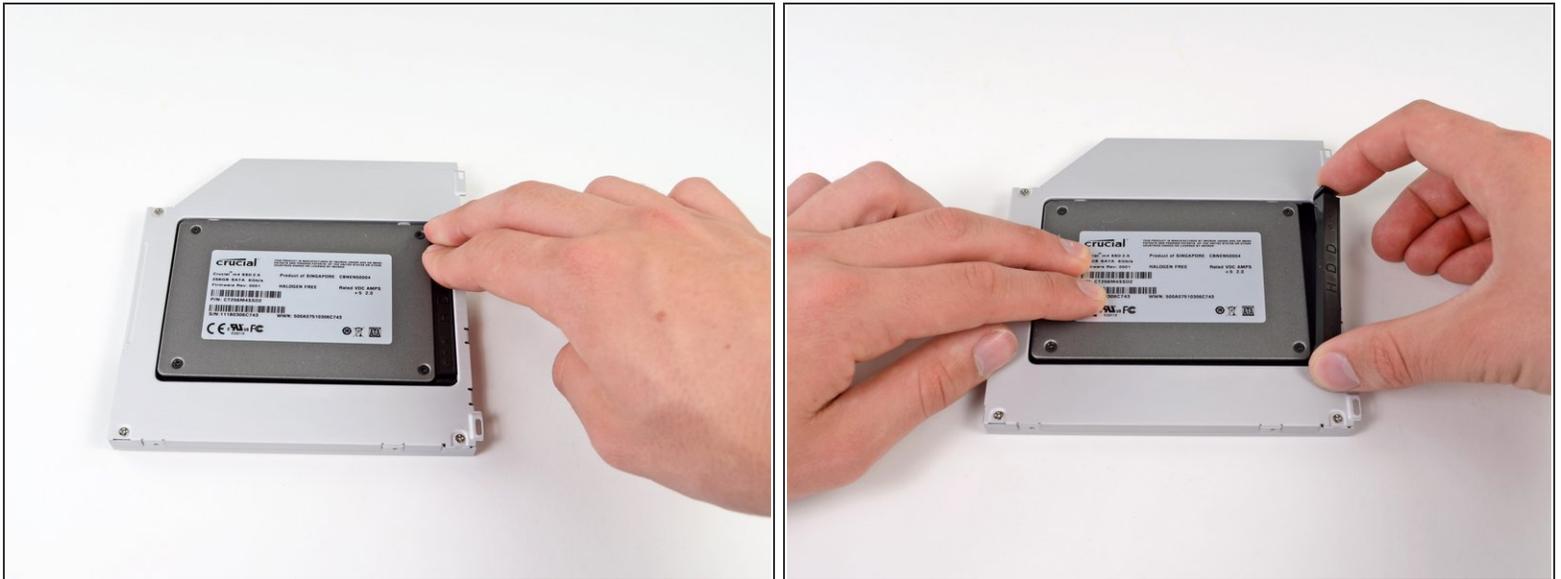
- Remove the plastic spacer from the optical bay hard drive enclosure by pressing in on one of the clips on either side and lifting it up and out of the enclosure.

## Step 16



- Make sure that the hard drive connectors are facing down before placing it into the enclosure.
- Gently place the hard drive into the enclosure's hard drive slot.

## Step 17



- Once the hard drive is snug, reinsert the plastic spacer while holding the hard drive against the bottom of the enclosure.

## Step 18



- Use two Phillips #1 screws to secure the drive to its enclosure.
- ⓘ Transfer all brackets and the optical cables from the drive you're removing onto the new enclosure, and reverse the procedure to install the enclosure in your MacBook Pro.

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