



# MacBook Pro 13" Unibody Early 2011 Optical Drive Replacement

## Internal Prereq.

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# INTRODUCTION

Internal Prereq.

## TOOLS:

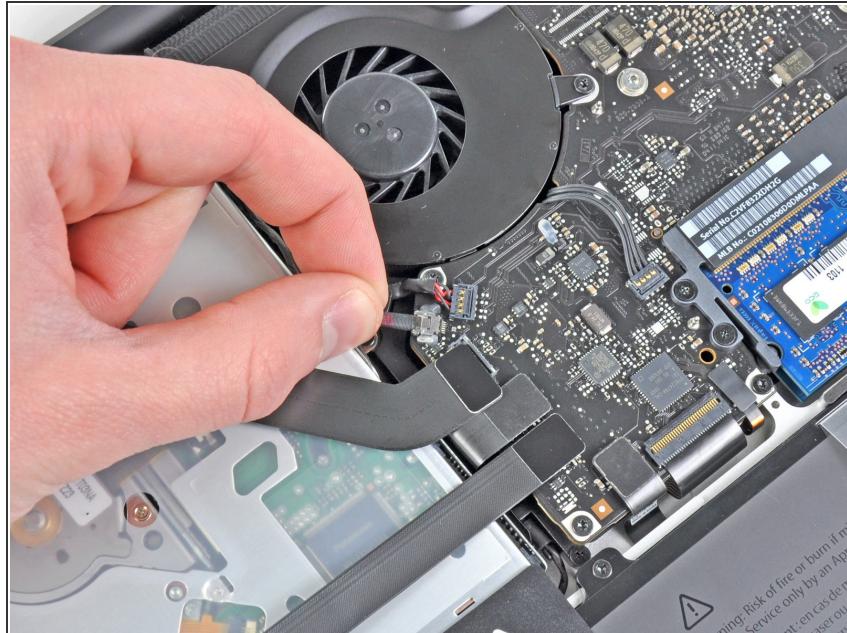
- [Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)

## Step 1 — Optical Drive



- Use the flat end of a spudger to pry the AirPort/Bluetooth ribbon cable connector up from its socket on the logic board.

## Step 2



- Carefully pull the camera cable out of its socket on the logic board.

- ⓘ Though not recommended by iFixit staff, some users opt to omit this step completely. For information on this, see the step comments.

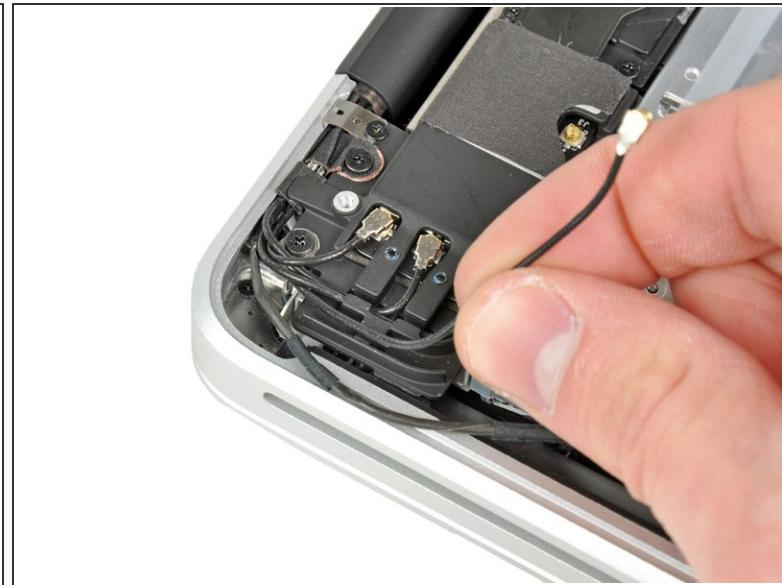
**⚠** Pull the cable parallel to the face of the logic board. Pulling it upward may damage the logic board or the cable itself.

## Step 3



- Carefully move the AirPort/Bluetooth ribbon cable out of the way as you peel the camera cable off the adhesive securing it to the subwoofer and the AirPort/Bluetooth bracket.
- De-route the camera cable out from under the retaining finger molded into the AirPort/Bluetooth bracket.

## Step 4



- Use the tip of a spudger to pry the antenna connector closest to the logic board up from its socket on the AirPort/Bluetooth board.
- De-route the antenna cable from under the finger molded into the AirPort/Bluetooth bracket.

## Step 5



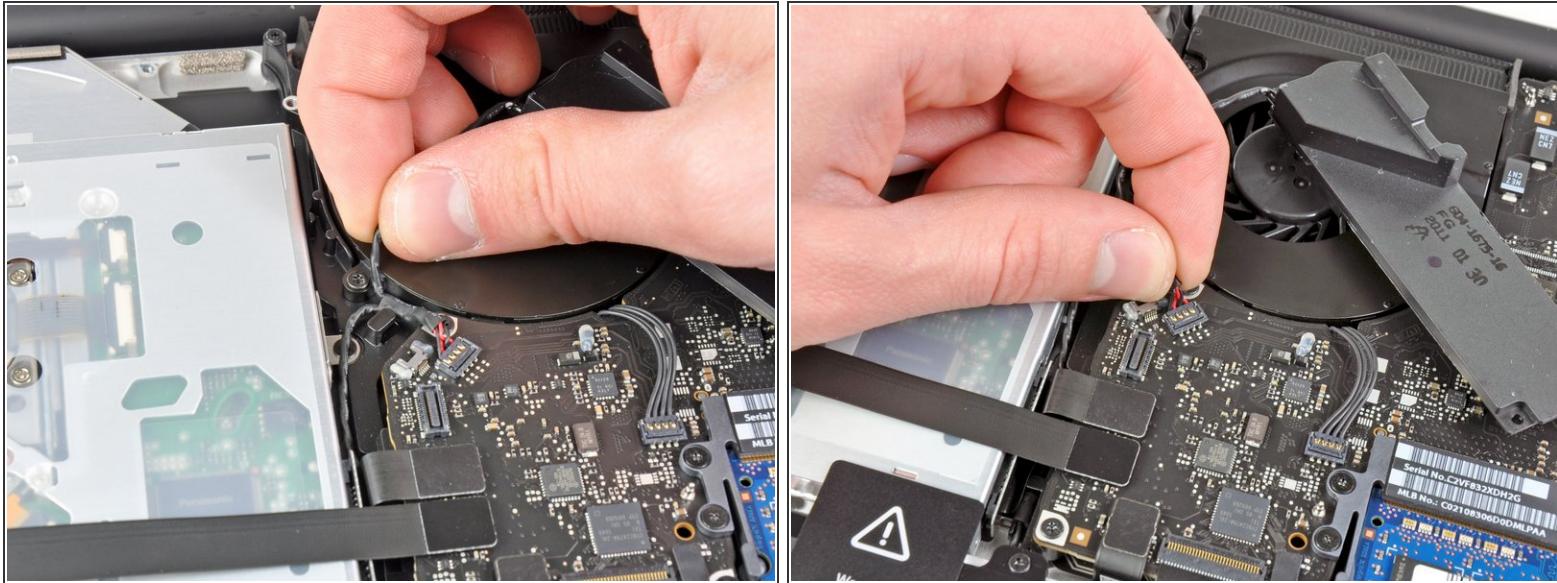
- Remove the following five screws:
  - Two 10.3 mm Phillips screws
  - Two 3.1 mm Phillips screws
  - One 5 mm Phillips screw

## Step 6



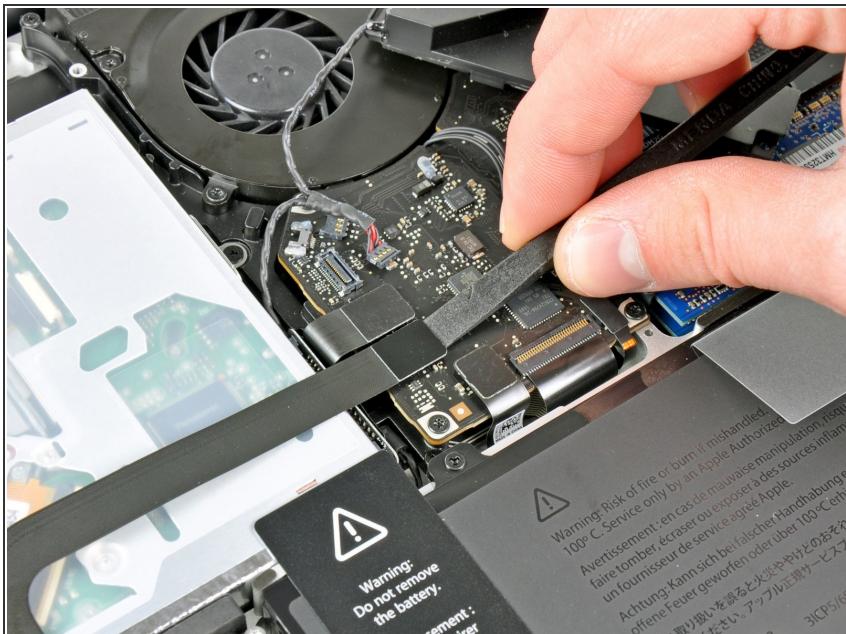
- Pull the AirPort/Bluetooth assembly and the Subwoofer upward near the center of the side of the optical drive until they clear each other.
- Move the AirPort/Bluetooth assembly and the subwoofer away from the top of the optical drive.

## Step 7



- Pull the right speaker/subwoofer cable out from under the retaining finger near the side of the optical drive.
- Pull the right speaker/subwoofer cable upward to disconnect it from the logic board.

## Step 8



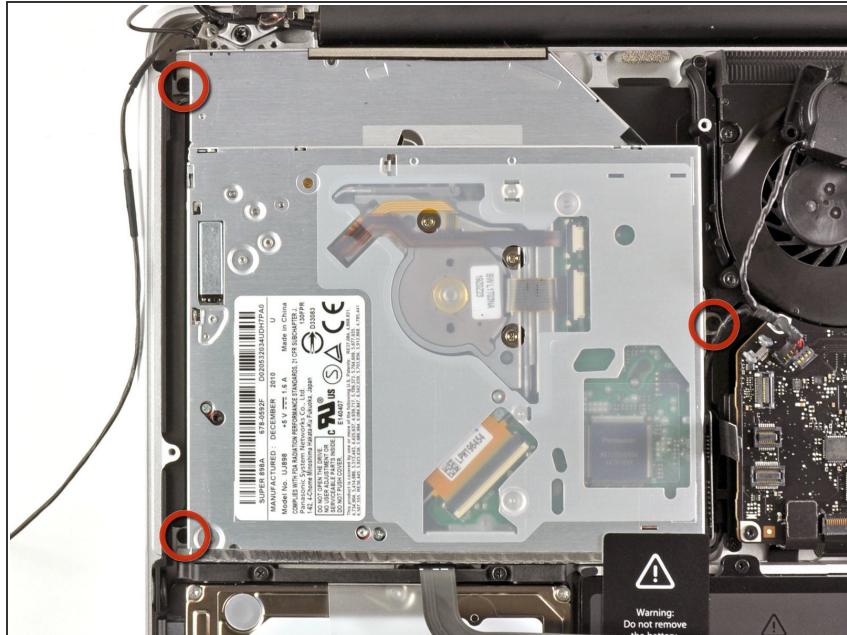
- Use the flat end of a spudger to pry the hard drive cable connector up from its socket on the logic board.
- Bend the hard drive cable away from the optical drive.

## Step 9



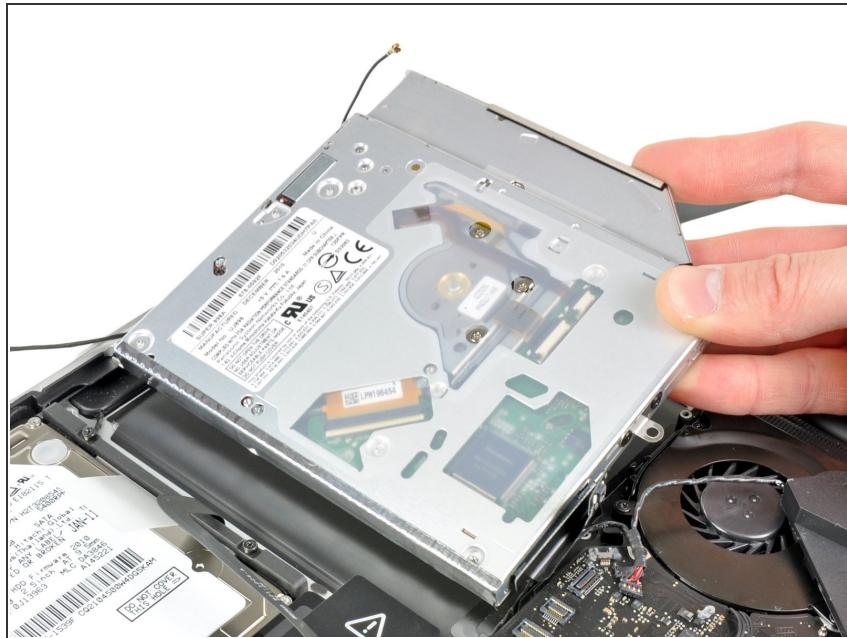
- Use the flat end of a spudger to pry the optical drive connector up from its socket on the logic board.

## Step 10



- Remove the three 2.7 mm Phillips screws securing the optical drive to the upper case.

## Step 11



- Pull the optical drive upward from its edge closest to the display and remove it from the upper case.

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