MacBook Pro 15" Unibody Mid 2010 Right Fan Replacement

Replace the right fan on your Mid 2010 MacBook Pro 15" Unibody.

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INTRODUCTION

Replacing a defective fan is pretty easy and will keep your laptop running cool.

🔧 TOOLS:

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

⚙️ PARTS:

- MacBook Pro 15" Late 2008 through Mid 2012 (excluding Mid 2009 2.53 GHz) Right Fan (1)

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Step 1 — Lower Case

- Remove the following ten screws securing the lower case to the upper case:
  - Three 13.5 mm (14.1 mm) Phillips screws.
  - Seven 3 mm Phillips screws.
- When removing these screws, note how they come out at a slight angle. They must be reinstalled the same way.

Step 2

- Using both hands, lift the lower case near the vent to pop it off two clips securing it to the upper case.
- Remove the lower case and set it aside.

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Step 3 — Right Fan

- Remove three T6 Torx screws securing the right fan to the logic board and upper case.

Step 4
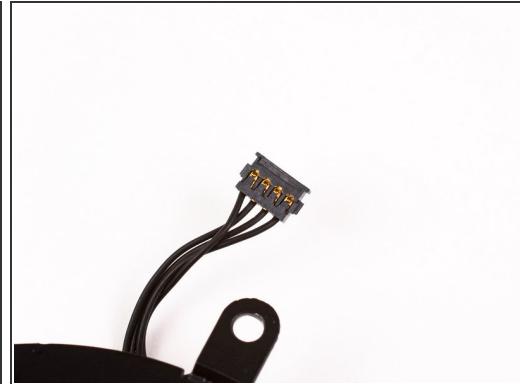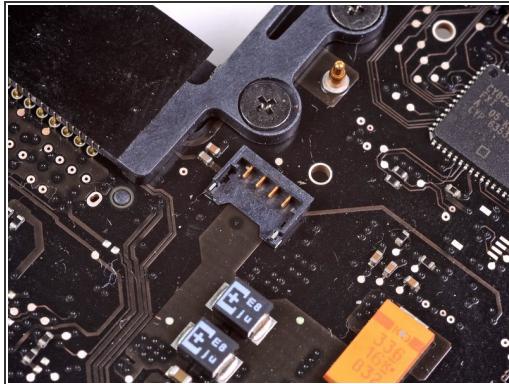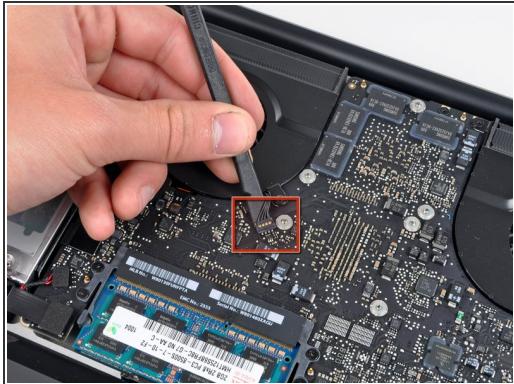
- Use a spudger to pry the fan connector straight up off the logic board.

- It is useful to twist the spudger axially from beneath the fan cable wires to release the connector.

- ⚠ The fan socket and the fan connector can be seen in the second and third pictures. Be careful not to break the plastic fan socket off the logic board as you use your spudger to lift the fan connector straight up and out of its socket. The layout of the logic board shown in the second picture may look slightly different than your machine but the fan socket is the same.

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Step 5
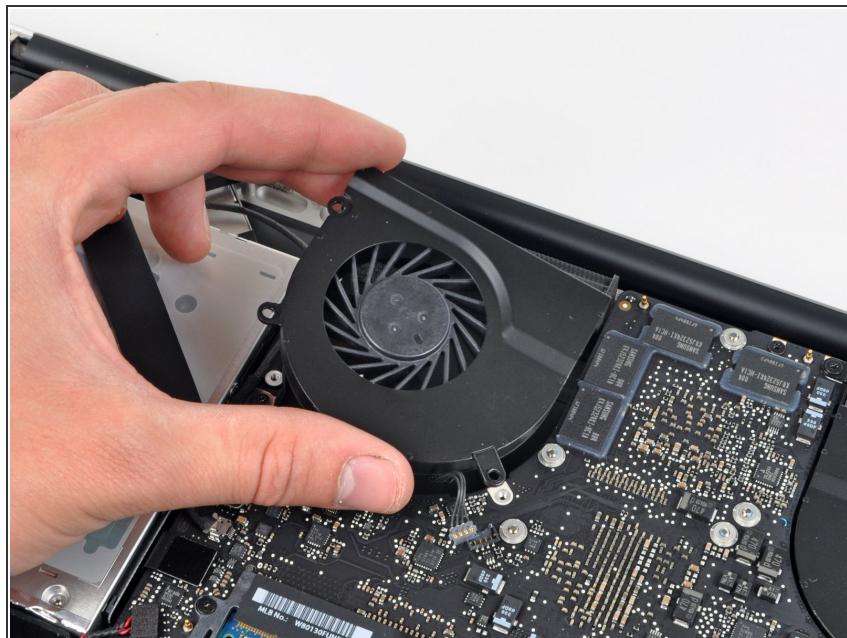
- Lift the right fan out of the upper case.

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