



MacBook Air 13" Late 2010 Logic Board Replacement

Internal Prerequisite.

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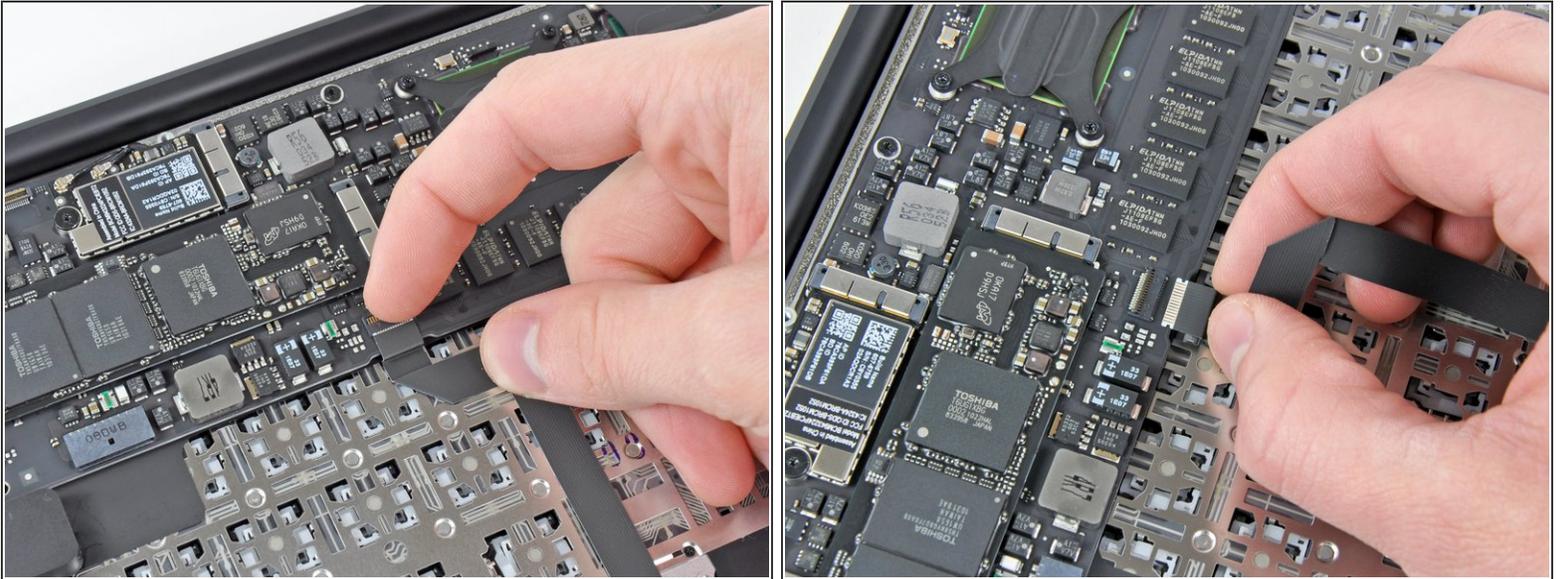
INTRODUCTION

Internal Prerequisite.

TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [T8 Torx Screwdriver](#) (1)
 - [Spudger](#) (1)
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Step 1 — Logic Board

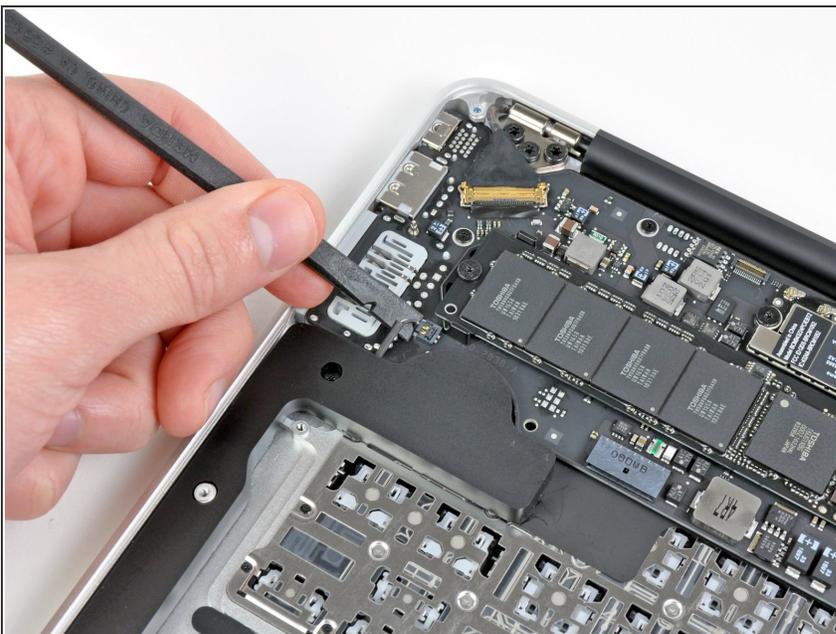


- Use the tip of a spudger or your fingernail to flip up the retaining flap on the trackpad ribbon cable ZIF socket.

⚠ Be sure you are prying up on the hinged retaining flap, **not** the socket itself.

- Pull the trackpad ribbon cable straight out of its socket toward the front edge of the Air.

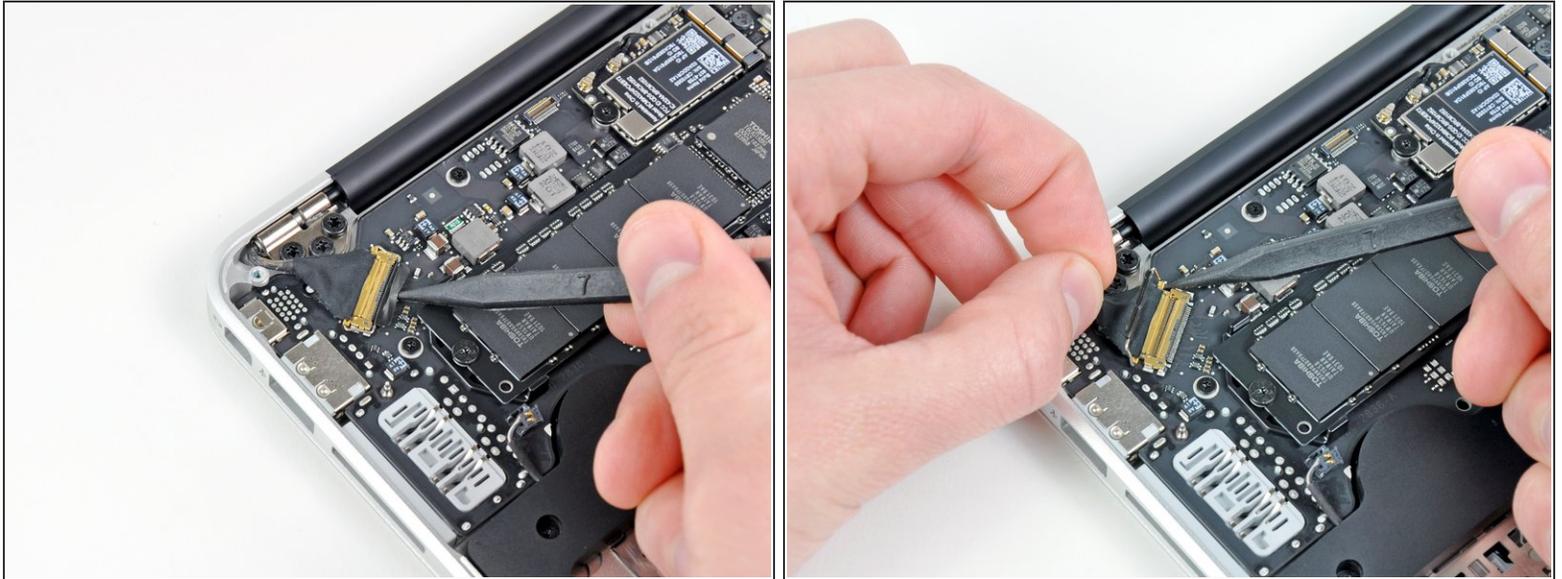
Step 2



- Use the flat end of a spudger to pry the right speaker cable connector up and out of its socket on the logic board.

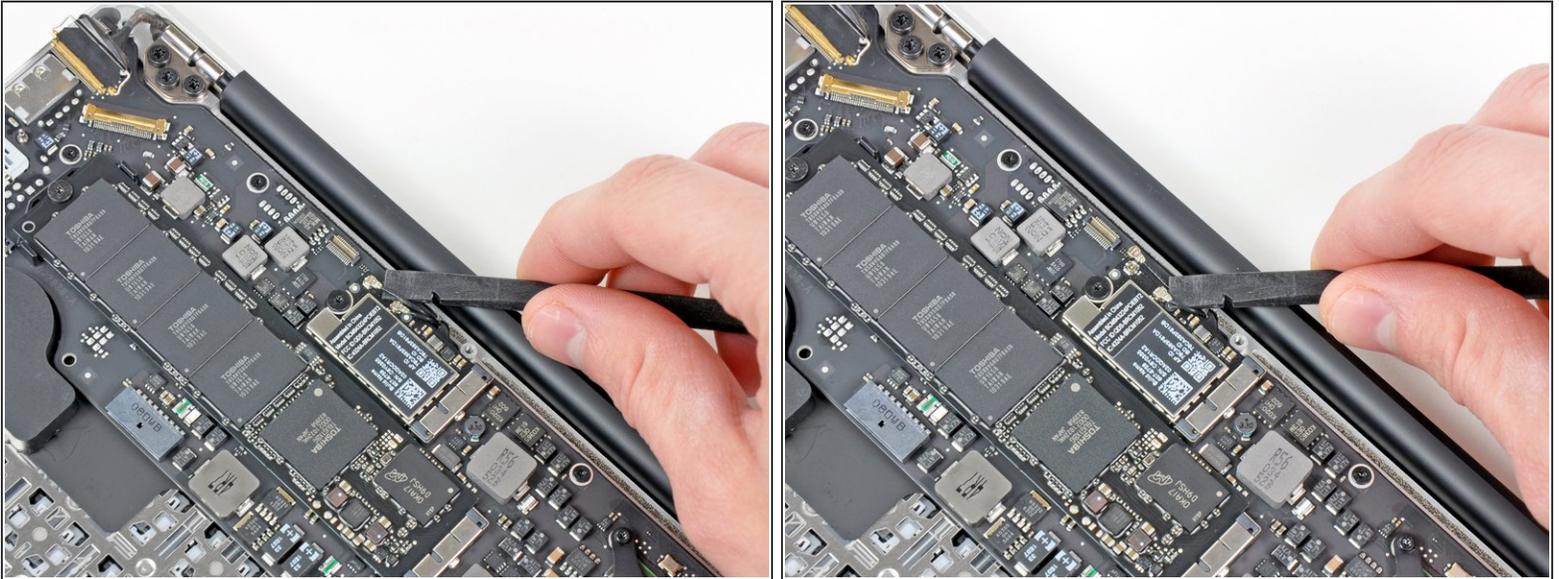
ⓘ Pry up from beneath the cables.

Step 3



- Gently push the tip of a spudger under the black plastic flap stuck to the display data cable lock to make the lock pop upward and away from the socket.
 - While holding the lock away from the socket, use the tip of a spudger and your fingers to gently remove the display data cable from its socket by sliding it toward the corner of the Air.
-  Do not pull upward on the display data cable as you disconnect it, as its socket may break off the logic board.

Step 4



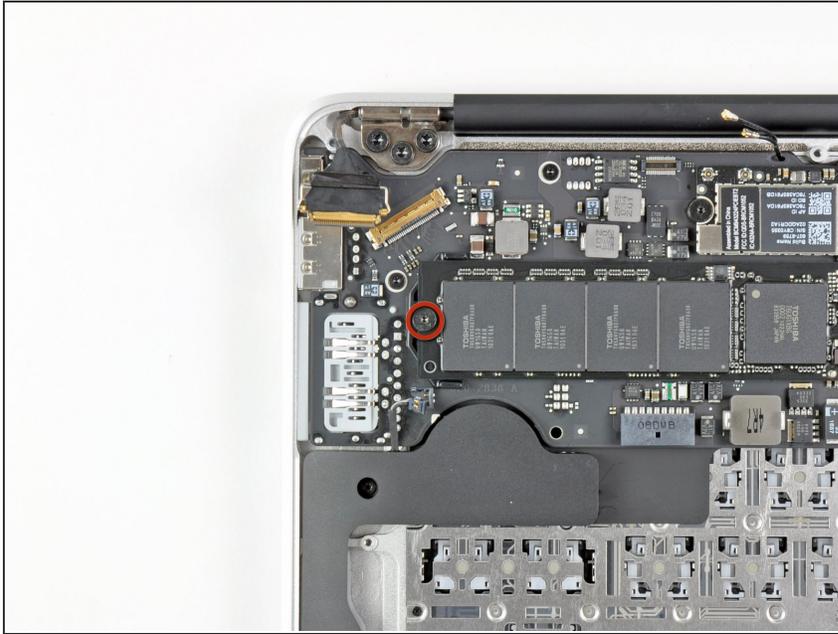
- Use the flat end of a spudger to pry both antenna cable connectors up and off their sockets on the AirPort/Bluetooth card.

Step 5



- Gently de-route the antenna cables from the slot cut into the logic board.

Step 6



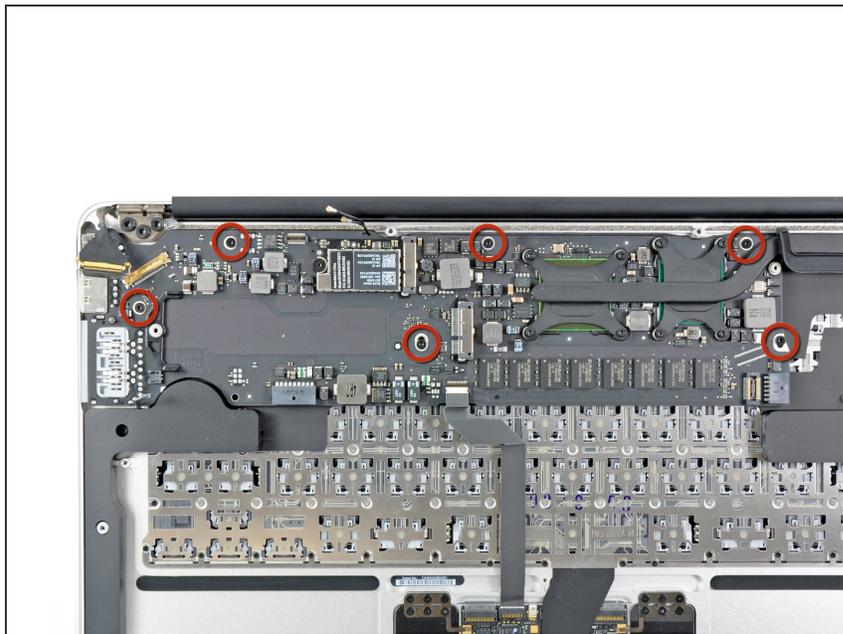
- Remove the single 2.85 mm T5 Torx screw securing the SSD to the logic board.

Step 7



- ⚠ Do not lift the end of the SSD excessively.
- Pull the drive straight out of its socket and remove it from the logic board.
- ☑ When reinstalling the SSD, be sure it is properly seated before reinstalling its retaining screw.

Step 8



- Remove the six 6.3 mm T5 Torx screws securing the logic board to the upper case.

Step 9



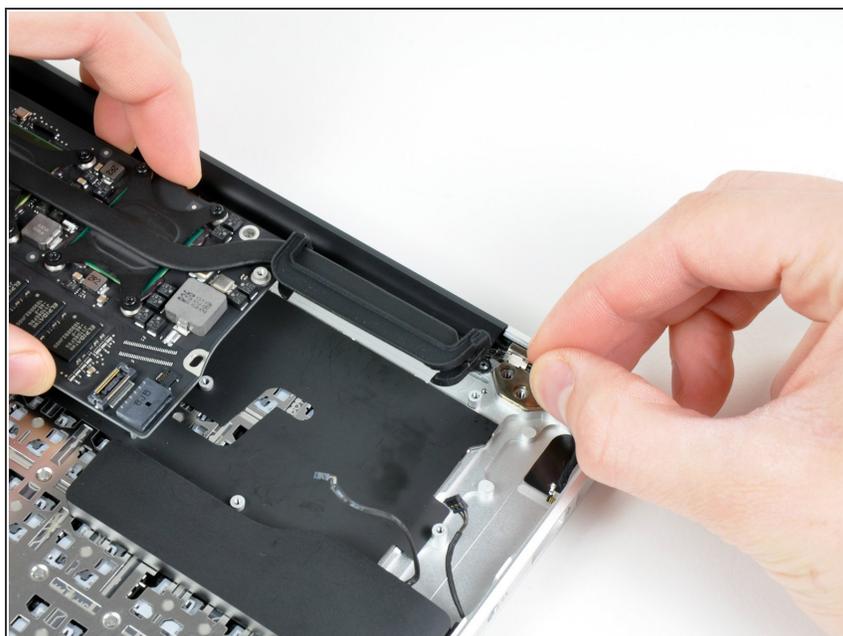
- Remove the inner two 4.9 mm T8 Torx screws securing the antenna cable retainer and left clutch hinge to the upper case.

Step 10



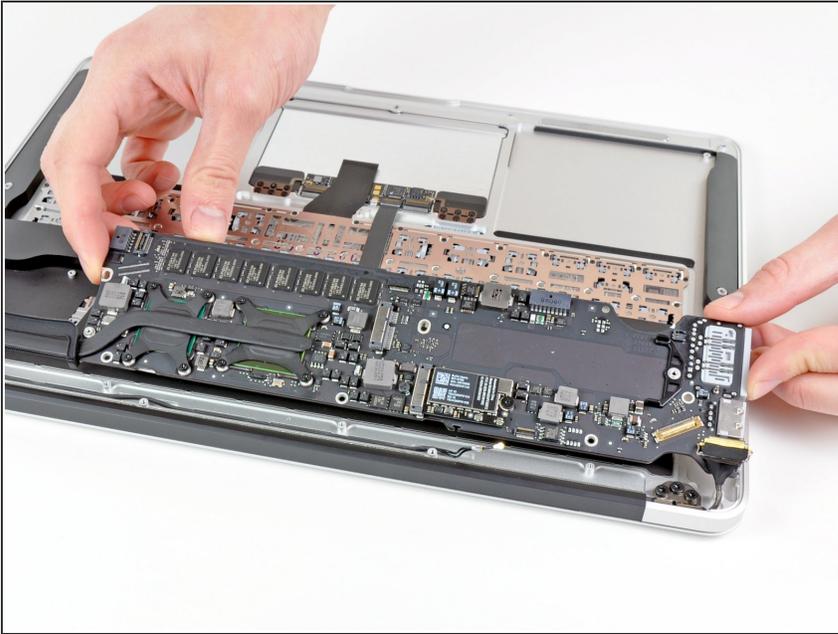
- Push the antenna cable retainer away slightly and remove the 3 mm T5 Torx screw securing the end of the heat sink to the upper case.

Step 11



- ⓘ Hold the antenna cables out of the way as you lift the heat sink end of the logic board out of the upper case.

Step 12



- Carefully remove the logic board assembly from the upper case, minding any cables that may get caught.

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