



Archived

# MacBook Air 13" Retina Display 2020 Display Assembly Replacement

For the official, updated iFixit guide, click...

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# INTRODUCTION

For the official, updated iFixit guide, click [here](#). This guide is archived for historical purposes.

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## TOOLS:

[P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)

[T3 Torx Screwdriver](#) (1)

[T5 Torx Screwdriver](#) (1)

[TR9 Torx Security Screwdriver](#) (1)

[Spudger](#) (1)

[Halberd Spudger](#) (1)

[curved tweezers](#) (1)

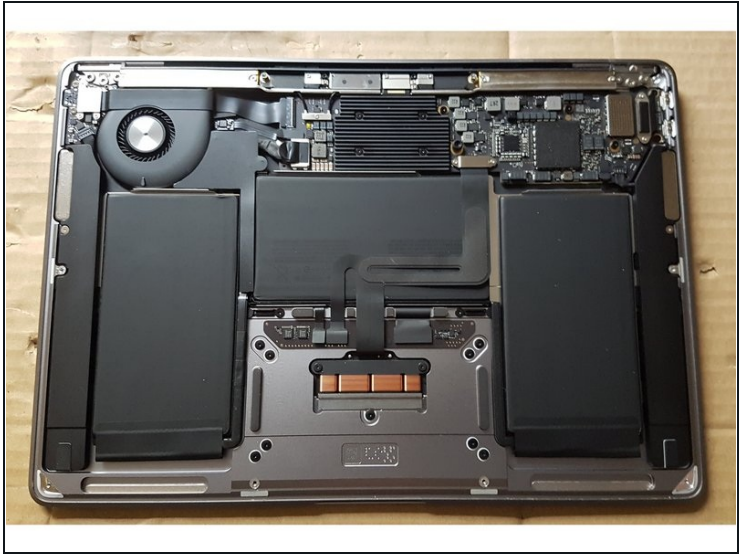
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## PARTS:

[MacBook Air 13" Retina Display 2020 Display Assembly](#) (1)

## Step 1 — Remove the screws securing the lower case



ⓘ Before starting this procedure, you must disable your Mac's Auto Boot feature. Auto Boot powers on your Mac when you open the lid, and may be accidentally triggered during disassembly. Use this [guide](#) or follow the abbreviated instructions below to disable Auto Boot.

⚠ Completely power off and unplug your MacBook Air before you start. Close the display and flip the entire laptop upside-down.

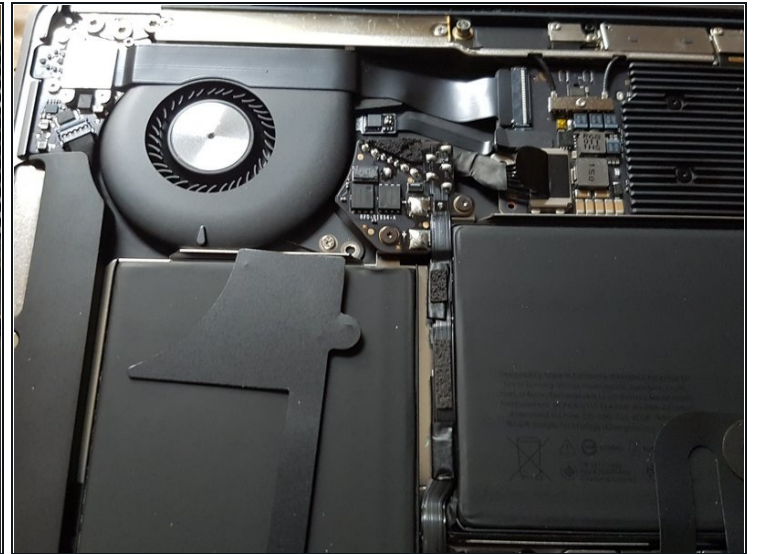
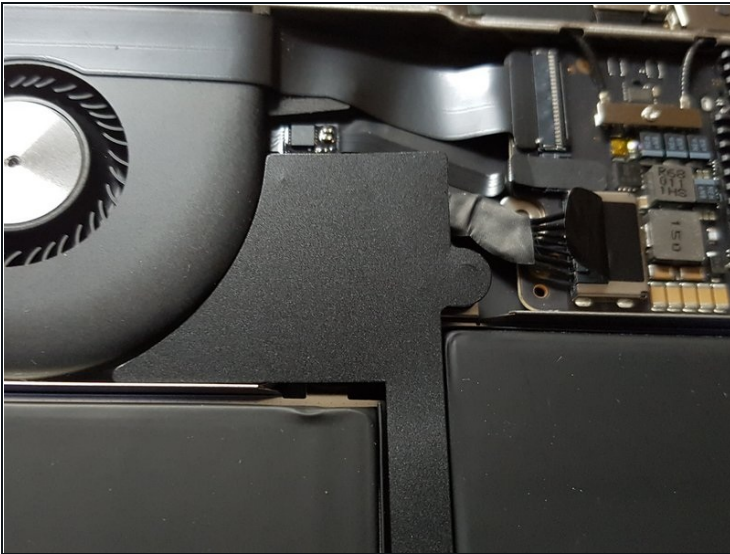
- Use a P5 driver to remove the following screws:
  - Two 7.6 mm screws (with a 2.7mm collar)
  - Two 7.1 mm screws
  - Six 2.3 mm screws

## Step 2 — Remove the lower case



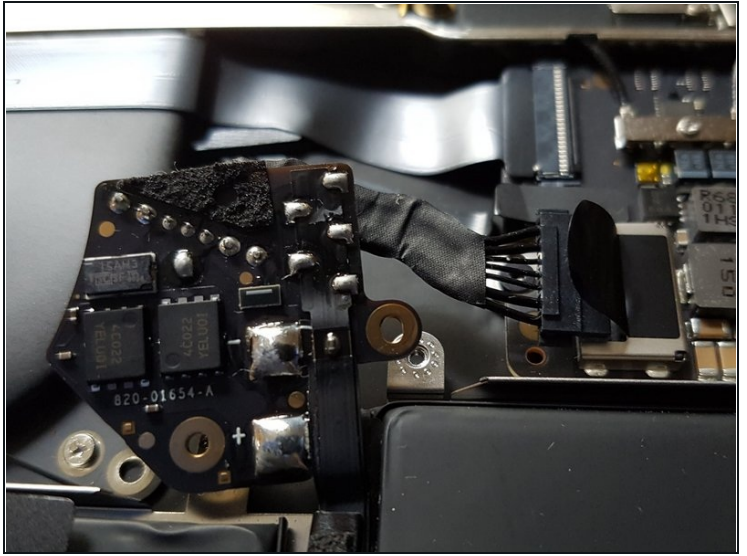
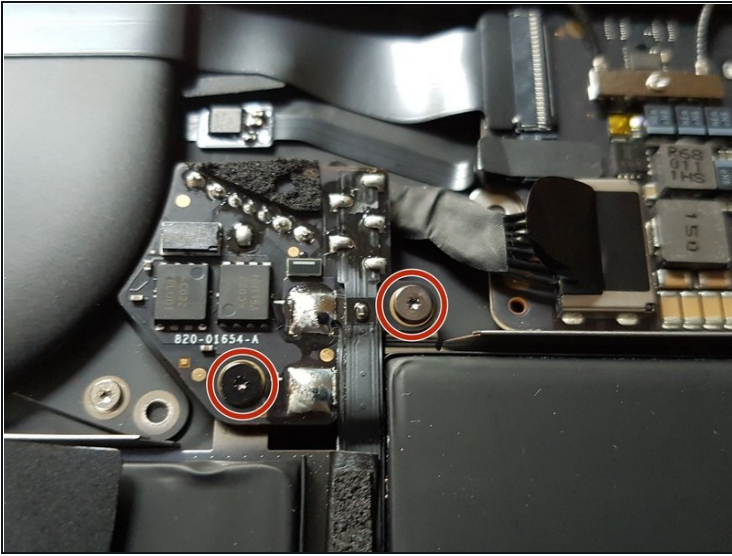
- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.
- Remove the lower case.

## Step 3 — Disconnect the battery



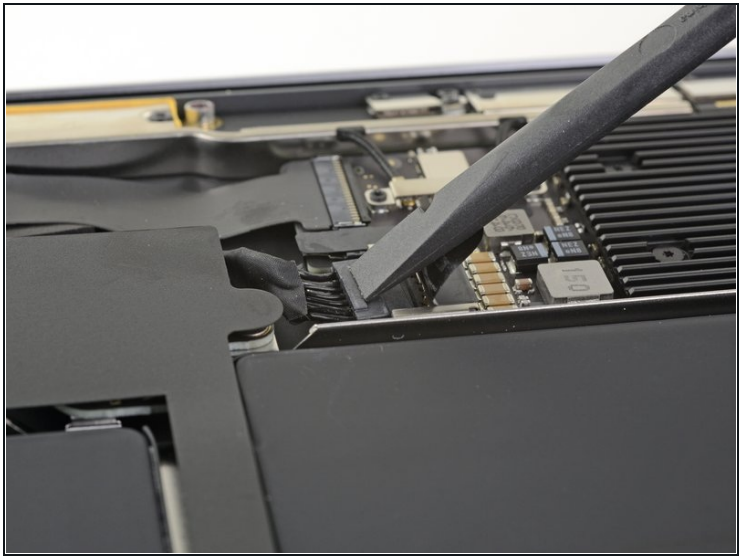
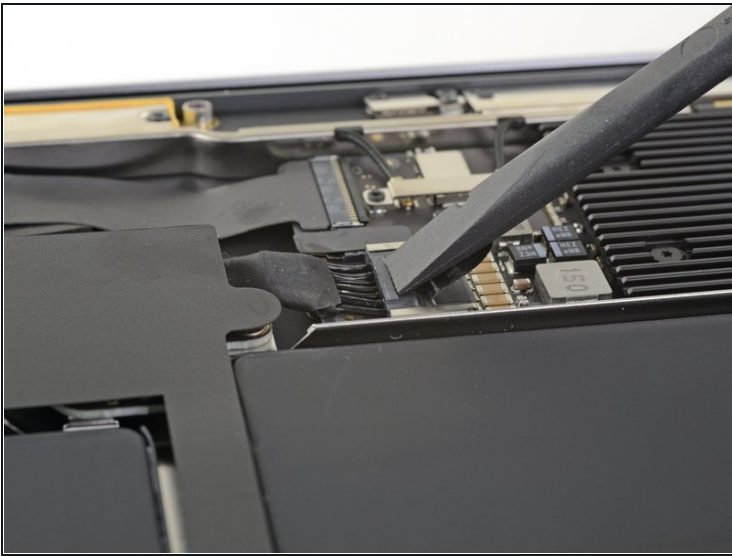
- Remove the plastic shield covering the battery PCB.

## Step 4 — Disconnect the battery



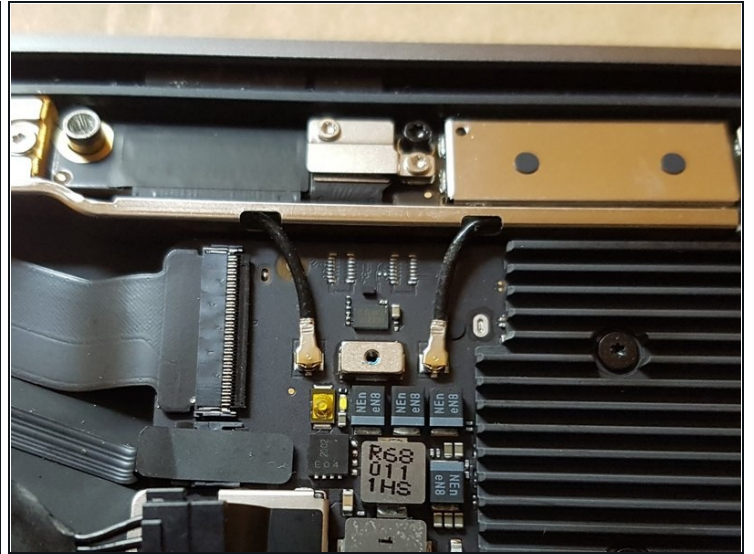
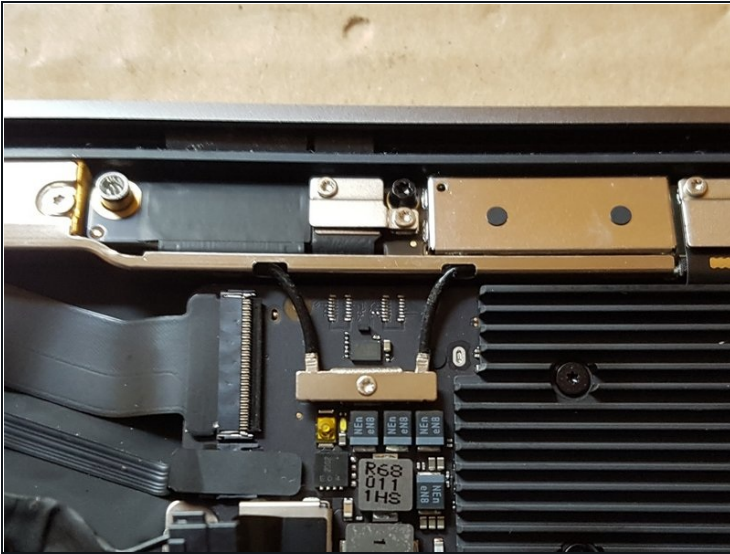
- Use a T3 torx driver to remove two 2.3mm screws from the battery PCB:

## Step 5



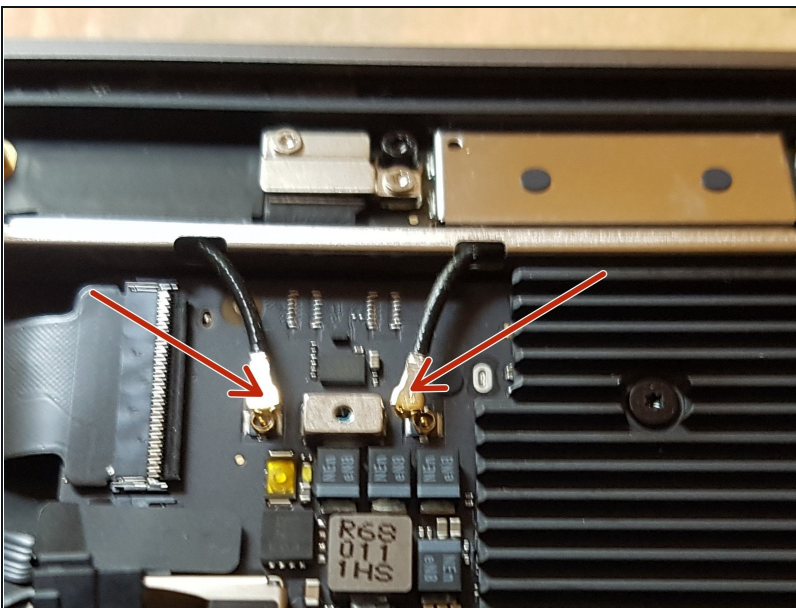
- Use a spudger to slide the battery connector parallel to the logic board and out of its socket on the logic board.

## Step 6 — Disconnect the antenna bar



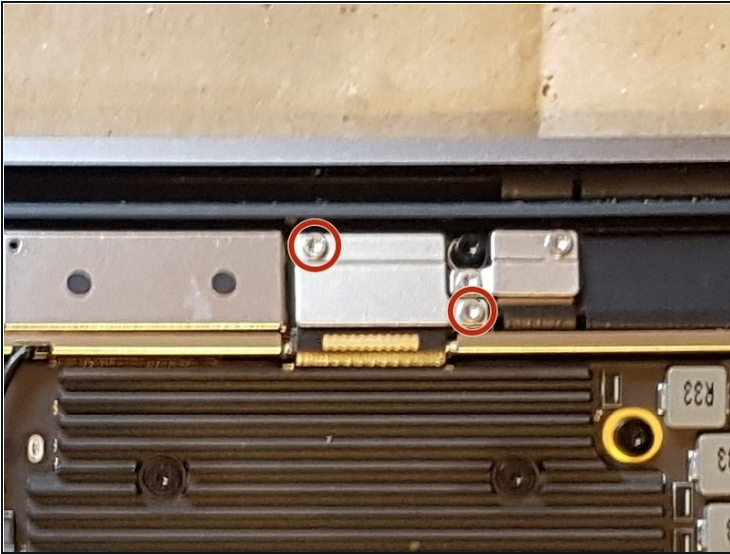
- Use a T3 Torx driver to remove the one 1.1 mm screw securing the antenna cable bracket.
- Remove the antenna cable bracket.

## Step 7



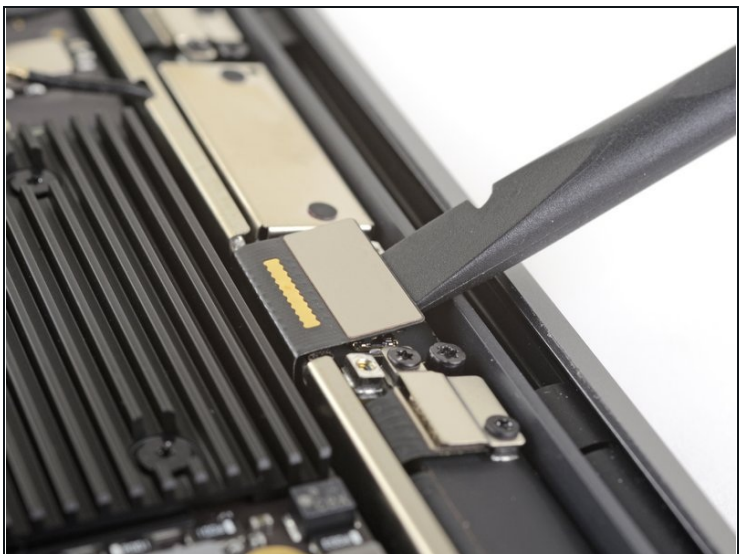
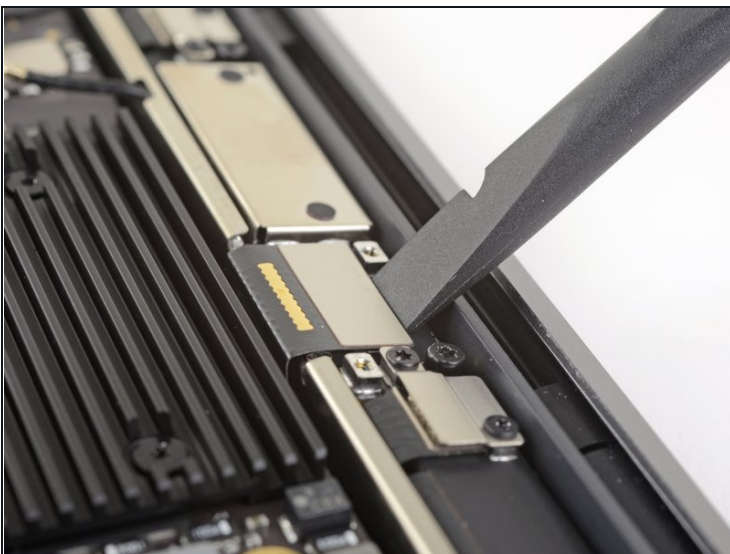
- Insert the point of a spudger under one of the antenna cables close to the connector.
- Pry straight up to disconnect the cable.
- Repeat for the other antenna cable.

## Step 8



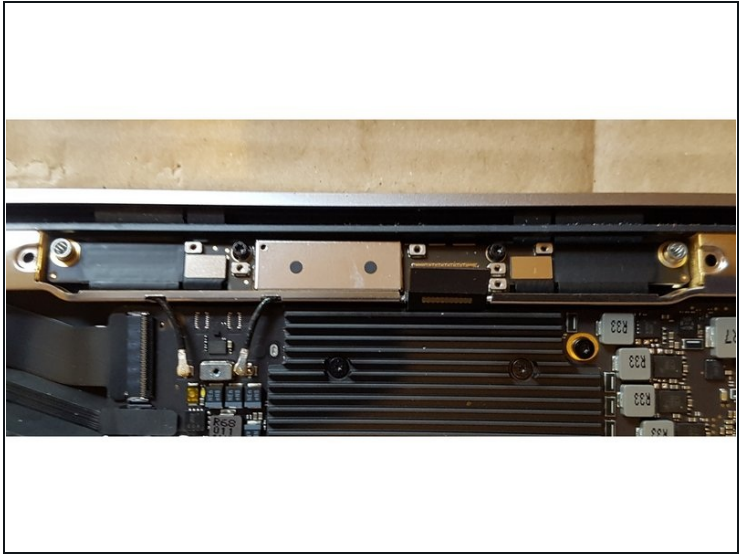
- Use a T3 Torx driver to remove the two 1.3 mm screws securing the display cable connector bracket.
- Remove the display cable connector bracket.

## Step 9



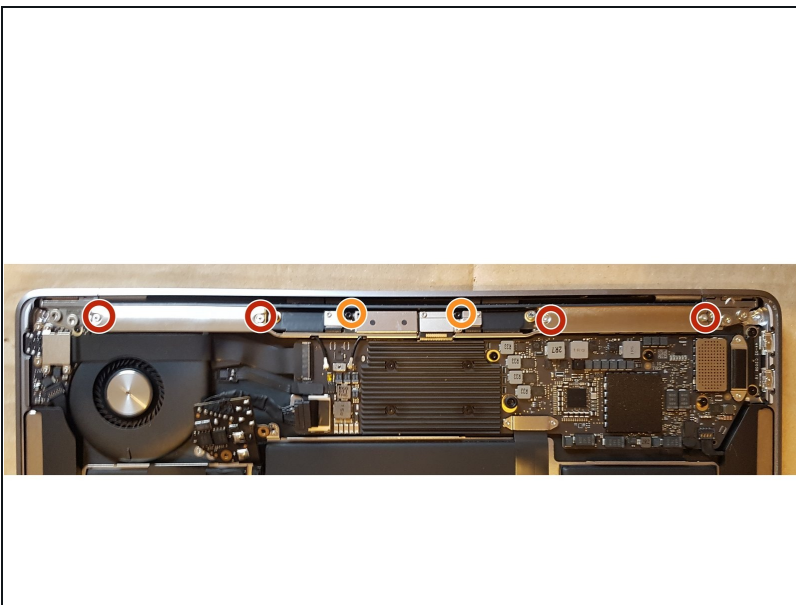
- Use the flat end of a spudger to pry up the display cable connector.

## Step 10



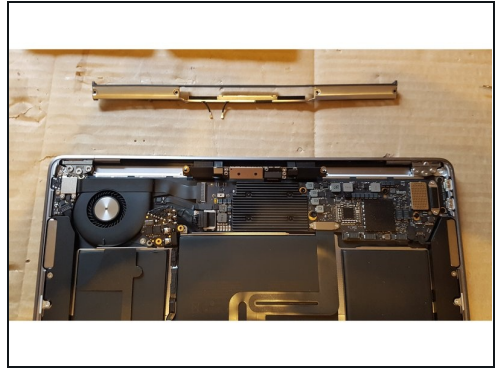
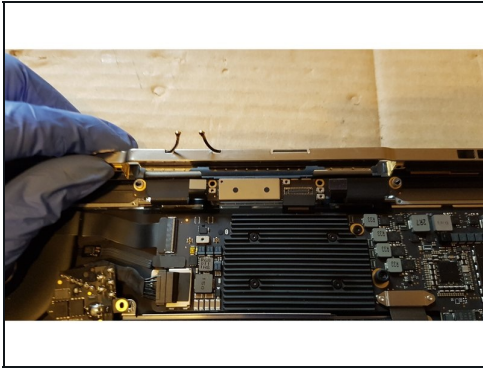
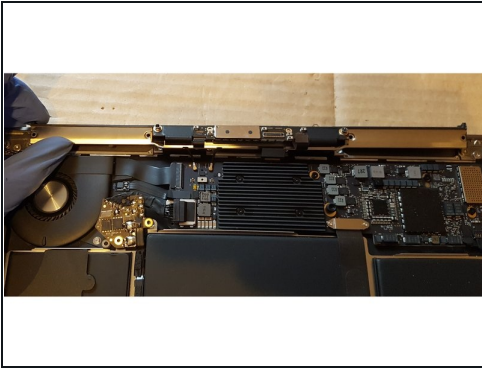
- ① You can **skip** this step if your replacement display assembly comes with these two brackets preinstalled.
- Use a T3 Torx driver to remove the two 1.1 mm screws securing the flex cable brackets.
  - Remove the two brackets.

## Step 11



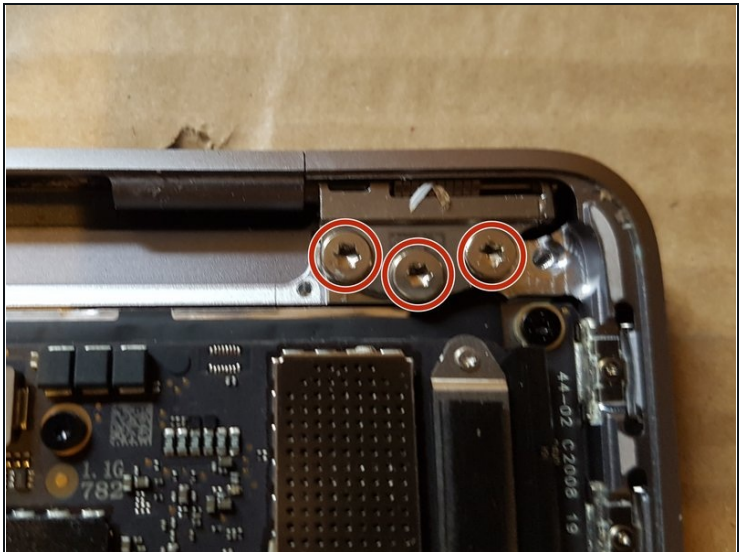
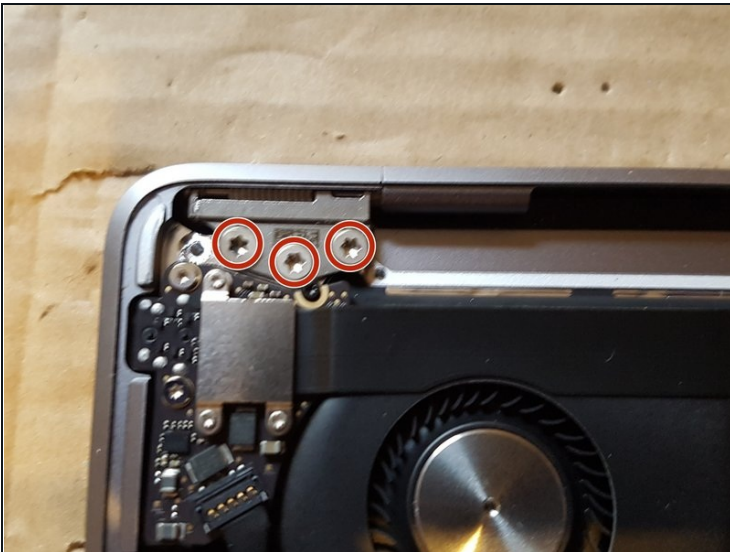
- Use a T5 Torx driver to remove the following screws:
  - Four 7.1 mm screws
  - Two 4.2 mm (Black) screws

## Step 12 — Remove the antenna bar



- Lift the antenna bar straight up and out of the case. Take care not to snag the antenna bar on any cables or connectors.
  - ① You may encounter resistance from the clips in the middle of the antenna bar holding it in the case. You may pull hard without damaging anything as long as you pull straight up, perpendicular to the case.
- Remove the antenna bar.

## Step 13 — Remove the display



- Use a T9 Torx driver to remove the six 4.7 mm screws securing the display hinges to the upper case.

## Step 14



- With the MacBook still screen-side down, carefully lift the upper case to open the MacBook as far as possible.

## Step 15



- Carefully rotate the upper case to a 90 degree angle with the display.
  - ① The hinges should not move in relation to the display, and should rotate out of the case slightly.
- Keeping the display flat, tilt the upper approx 5-10 degrees to the left. Move the upper case to the right, the hinges should easily slide out of the upper case.

## Step 16



- Display should now be separate from the upper case.

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