

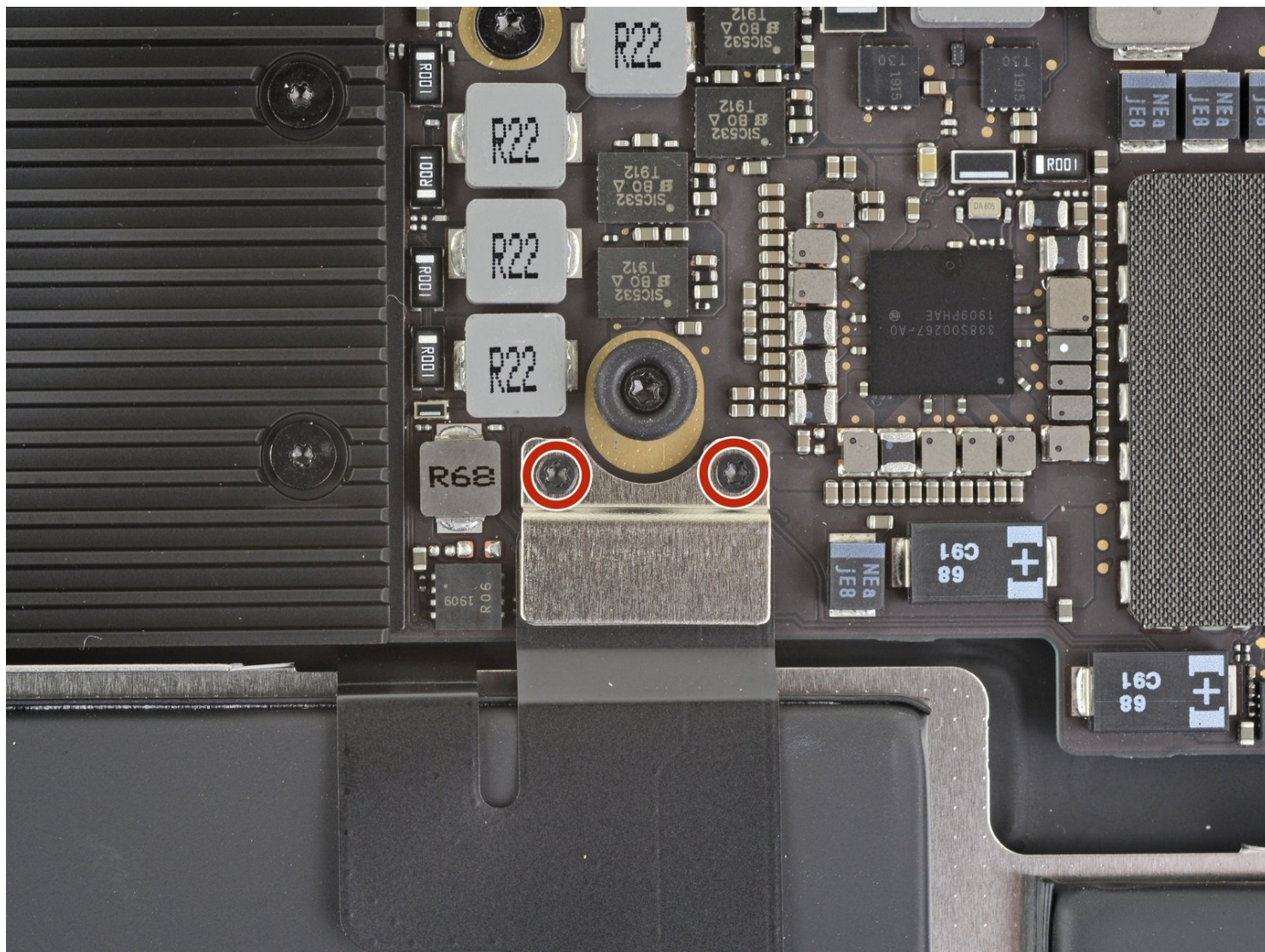


IFIXIT

Logic Board Disconnection

Prerequisite-only guide to disconnect the logic...

Written By: Adam O'Camb



INTRODUCTION

Prerequisite-only guide to disconnect the logic board in a 2019 MacBook Air.

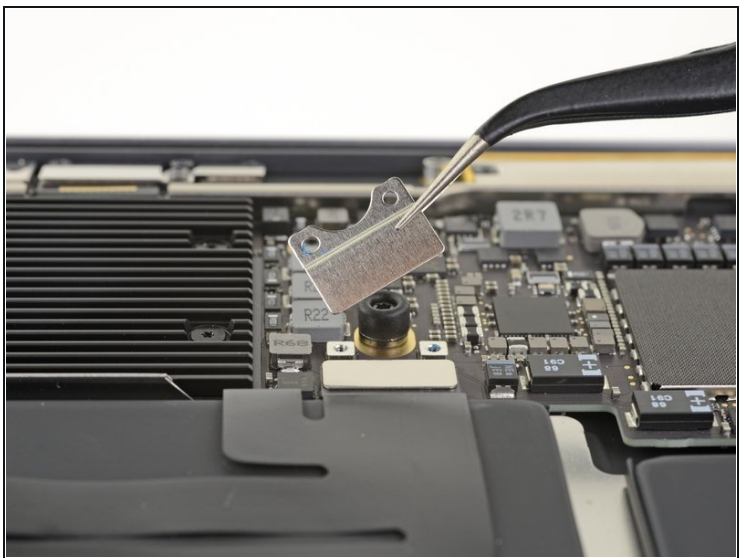
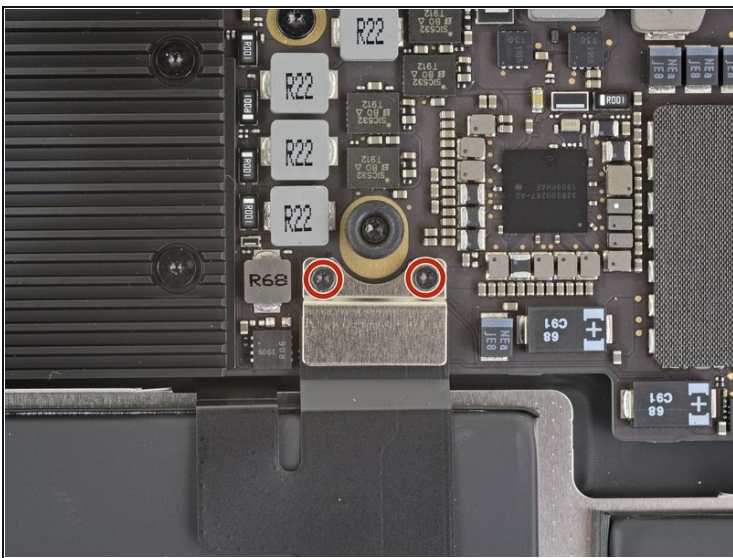
TOOLS:

Spudger (1)

T3 Torx Screwdriver (1)

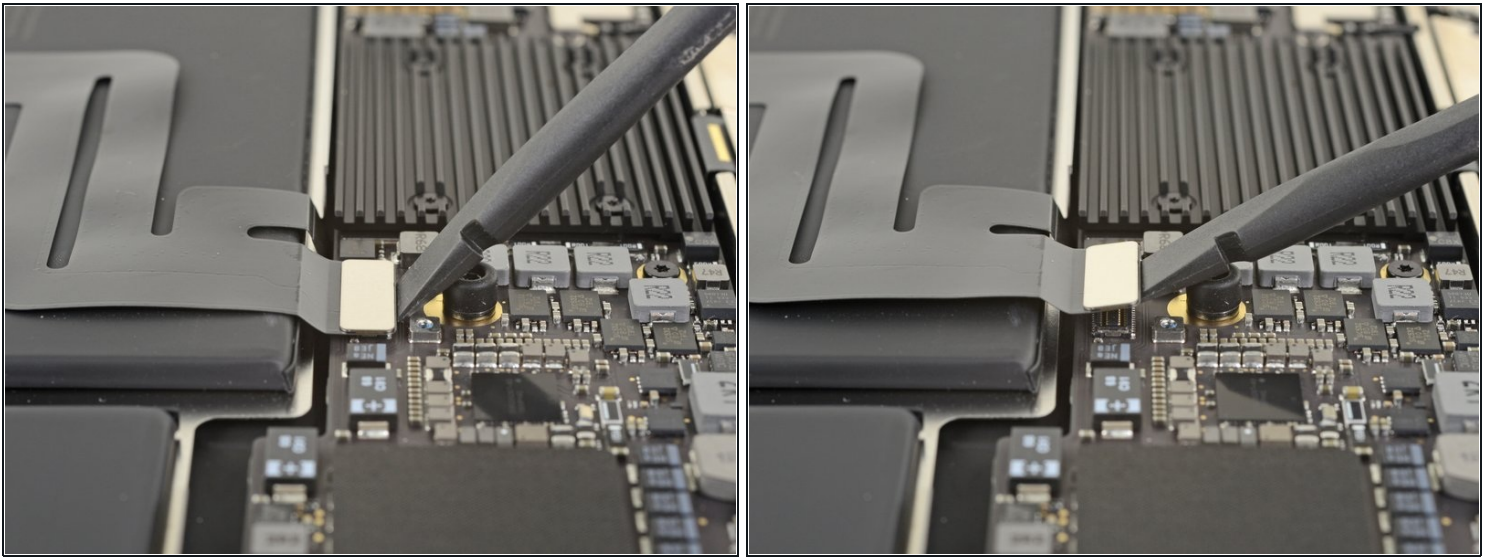
Tweezers (1)

Step 1 — Disconnect the logic board



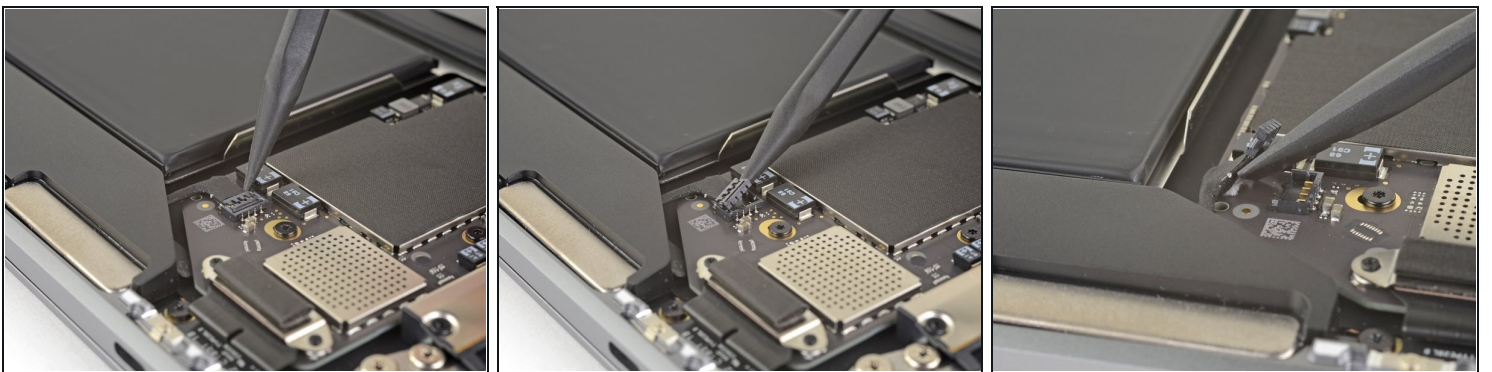
- Use a T3 Torx driver to remove the two 1.4 mm screws securing the trackpad connector bracket.
 - ⓘ Depending on the condition of your bits, a T4 Torx driver may fit better.
- Remove the trackpad connector bracket.

Step 2



- Use the flat end of a spudger to pry the trackpad cable connector up and out of its socket.

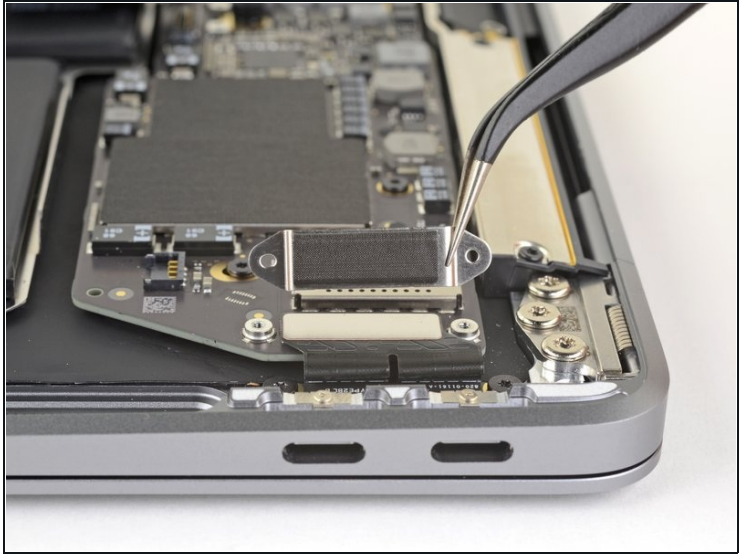
Step 3



ⓘ If the left speaker is already disconnected, skip this step.

- Slide the tip of a spudger underneath the left speaker cable and pry straight up to disconnect the speaker.
- With the connector disconnected, slide the flat end of a spudger under the cable to separate the adhesive securing the cable to the logic board.

Step 4



- Use a T3 Torx driver to remove the two 1.3 mm screws securing the USB-C port connector bracket.
- Remove the USB-C connector bracket.

Step 5



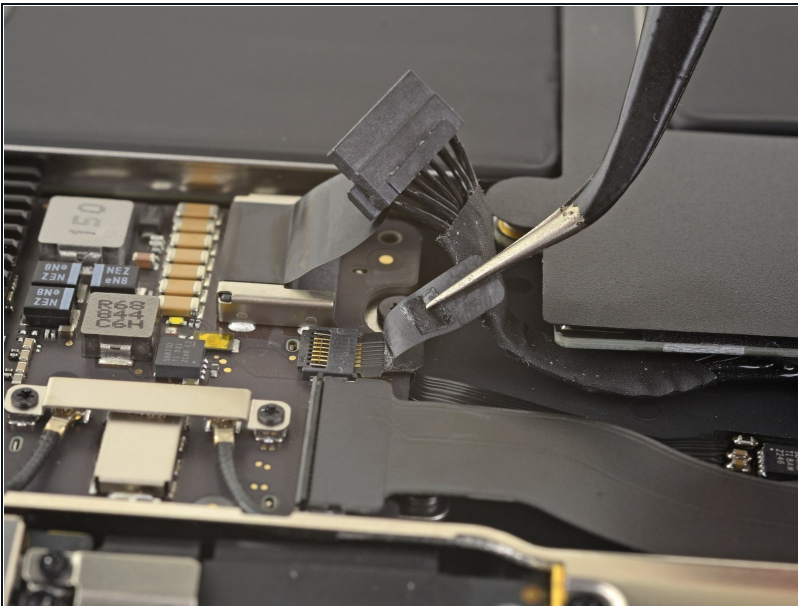
- Use the flat end of a spudger to pry the USB-C cable connector up and out of its socket on the logic board.

Step 6



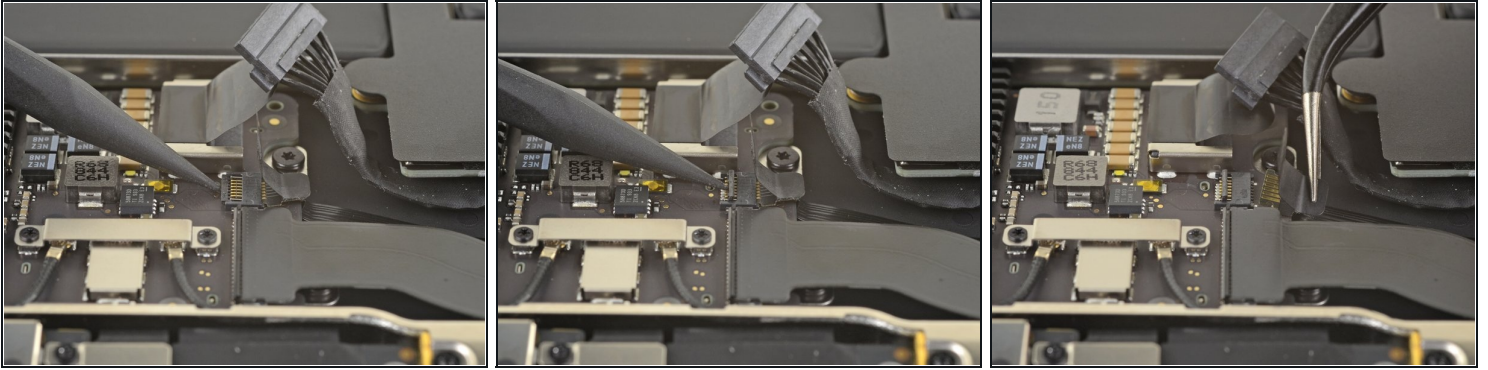
- Use a spudger to lift up the small locking flap on the sound board cable's [ZIF connector](#).
- Slide the sound board cable out of the ZIF connector.

Step 7



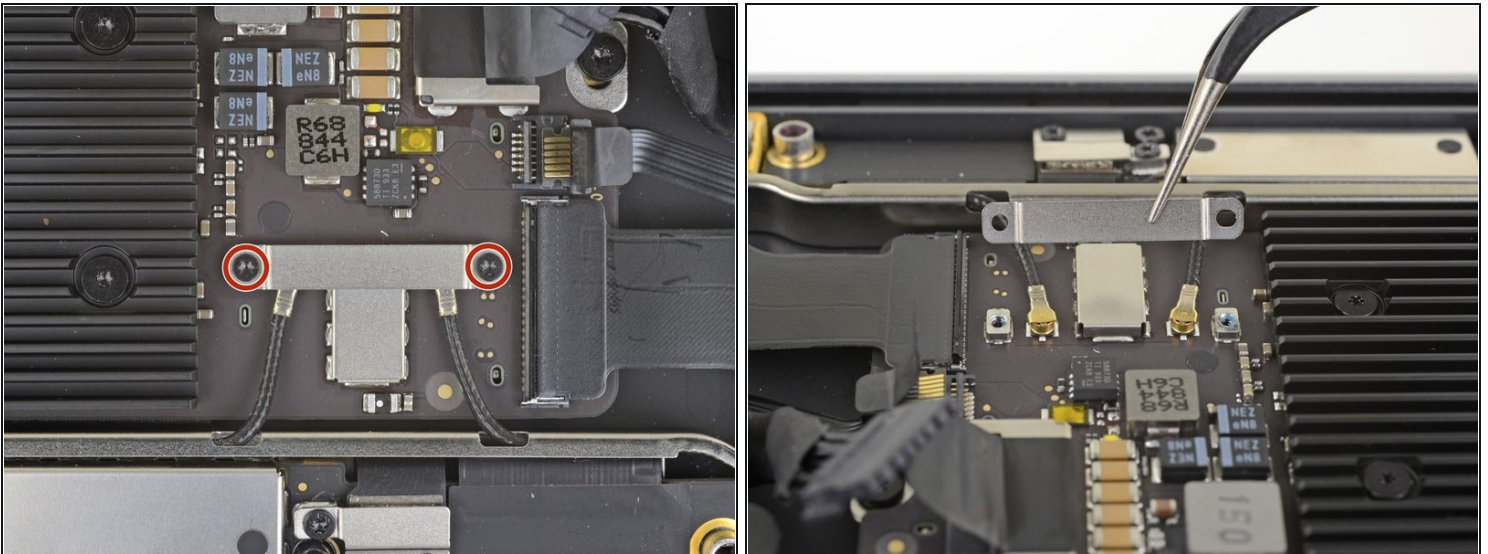
- Peel back the black tape covering the fan cable connector.

Step 8



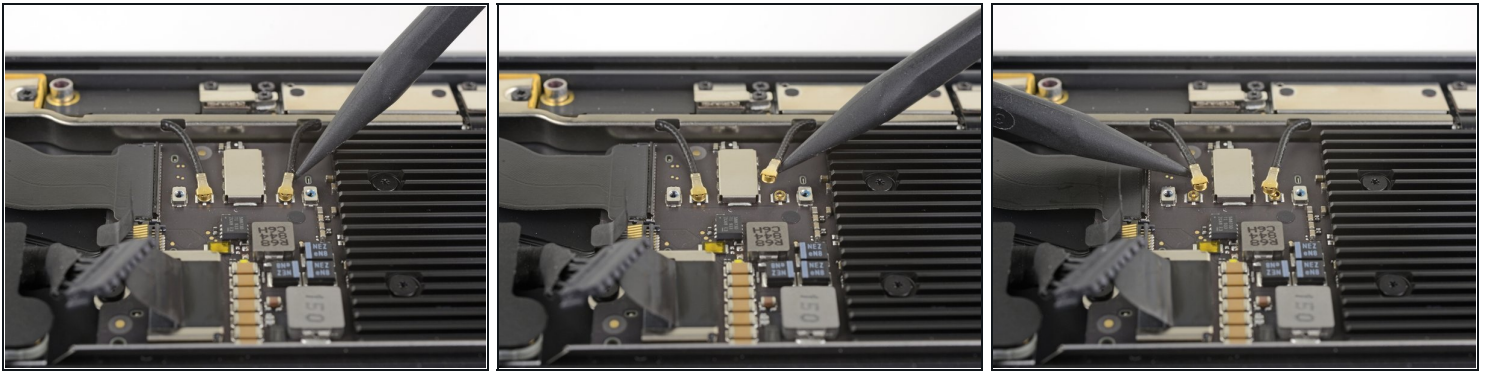
- Use the tip of a spudger to lift up the locking flap on the fan cable's ZIF connector.
- Slide the fan cable out of the ZIF connector.

Step 9



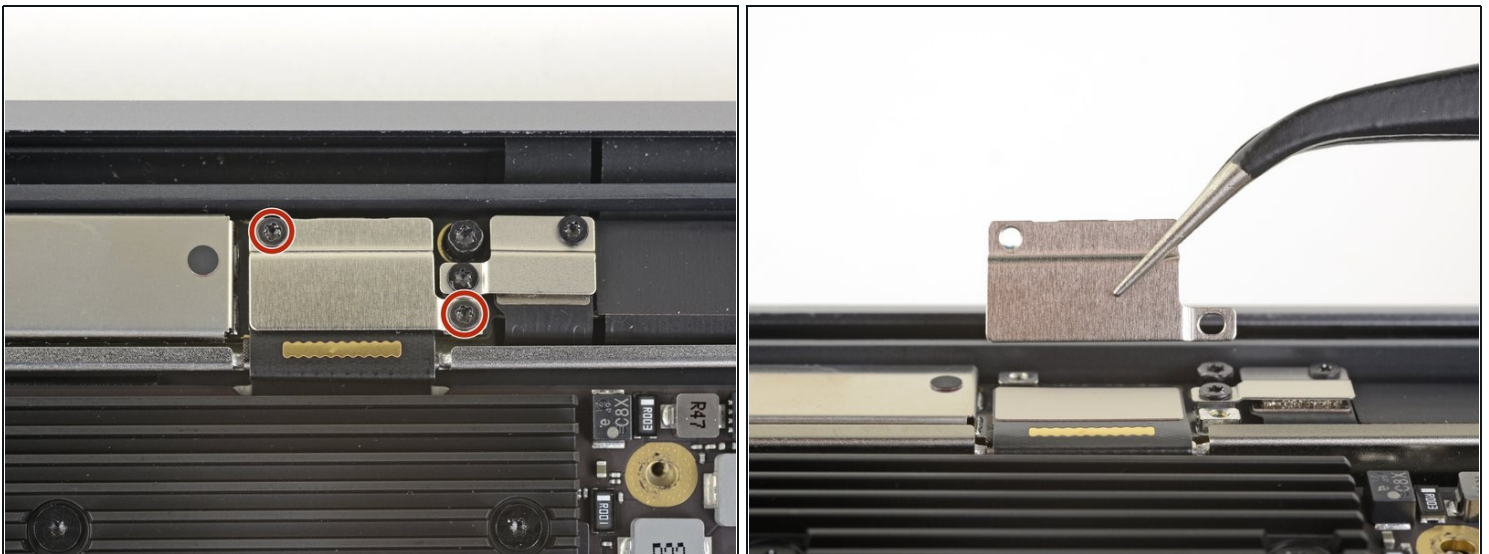
- Use a T3 Torx driver to remove the two 1.4 mm screws securing the antenna cable bracket.
- Remove the antenna cable bracket.

Step 10



- 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 11



- Use a T3 Torx driver to remove the two 1.5 mm screws securing the display cable connector bracket.
- Remove the display cable connector bracket.

Step 12



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

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