iPhone 7 Logic Board Disconnection

prereq only

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INTRODUCTION

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🔧 TOOLS:

SIM Card Eject Tool (1)
P2 Pentalobe Screwdriver iPhone (1)
iOpener (1)
Suction Handle (1)
Spudger (1)
iFixit Opening Picks (Set of 6) (1)
Tri-point Y000 Screwdriver (1)
Tweezers (1)
Phillips #000 Screwdriver (1)
Standoff Screwdriver for iPhones (1)

Step 1 — Logic Board Connectors

- Use the flat end of a spudger to disconnect the rear-facing camera connector.

Step 2

- Remove the following Phillips screws securing the rear camera bracket to the rear case:
  - One 1.3 mm screw

  - One 2.5 mm screw

Step 3

- Remove the bracket.

Step 4

- Use the pointed end of a spudger to pry up and disconnect the antenna bus connector, just left of the rear camera module.

Step 5

- Remove the two 1.2 mm tri-point screws securing the upper cable bracket.
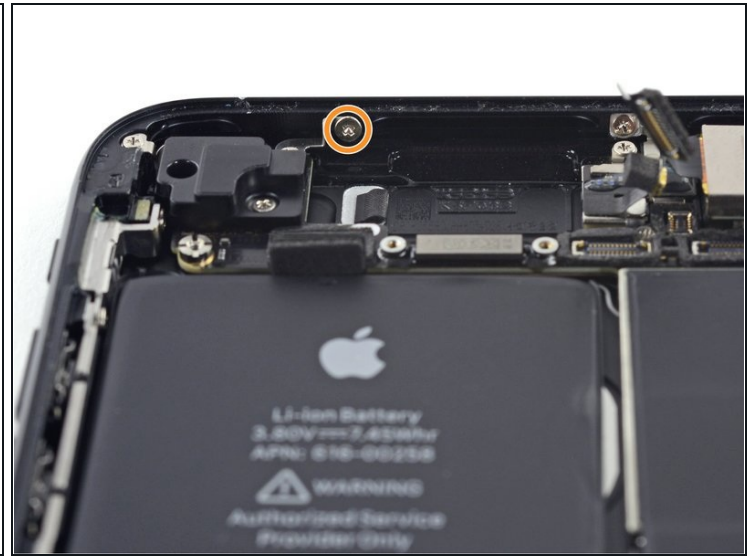
Step 6

- Remove the upper cable bracket.

Step 7

- Use the flat end of a spudger to disconnect the upper cable connector.

Step 8

- Remove the four Phillips screws securing the Wi-Fi antenna:
  - Three 1.2 mm screws

  - One 1.7 mm screw

Step 9

- Remove the top left antenna.

Step 10

- Remove the following Phillips screws:
  - One 1.3 mm screw
  - One 2.2 mm screw

Step 11

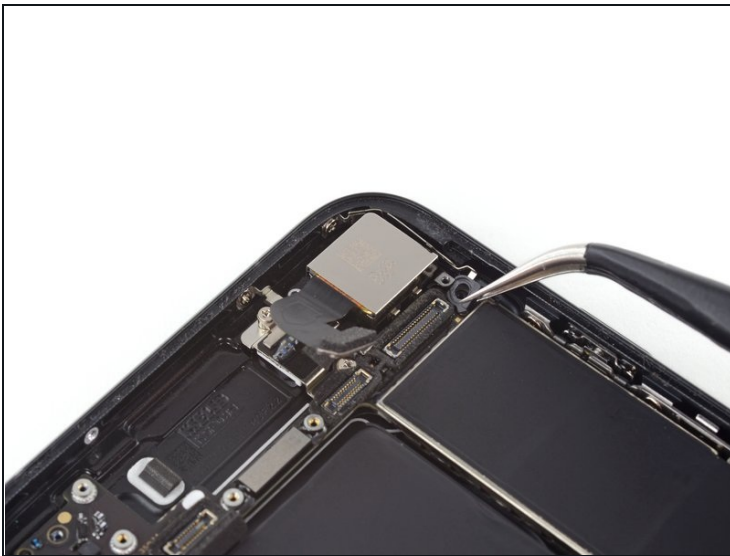- Remove the bracket.

Step 12

- Remove the 2.2 mm standoff screw from the grounding bracket.
  - ⓘ Standoff screws are best removed using a [standoff screwdriver](#) or bit.

  - ⚠️ In a pinch, a small flathead screwdriver will do the job— but use extra caution to ensure it doesn't slip and damage surrounding components.

Step 13

- Use [tweezers](#) to gently bend the logic board grounding bracket out of the way.

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