iPhone 7 Power and Volume Control Cable Battery Replacement

prereq only

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INTRODUCTION

prereq only

TOOLS:

Spudger (1)
ESD Safe Blunt Nose Tweezers (1)
iOpener (1)
Plastic Cards (1)
Mako Driver Kit - 64 Precision Bits (1)

PARTS:

iPhone 7 Battery (1)

Step 1 — Power and Volume Control Cable Battery

- Use the flat end of a spudger to disconnect the Taptic Engine connector from its socket on the logic board.
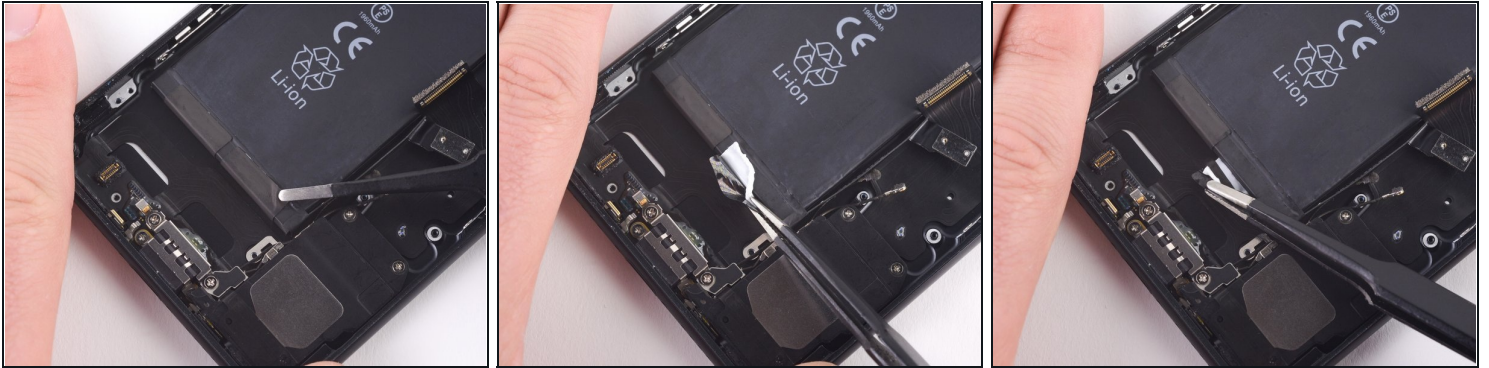
Step 2

- Remove the three 1.6 mm Phillips screws securing the Taptic Engine to the rear case.
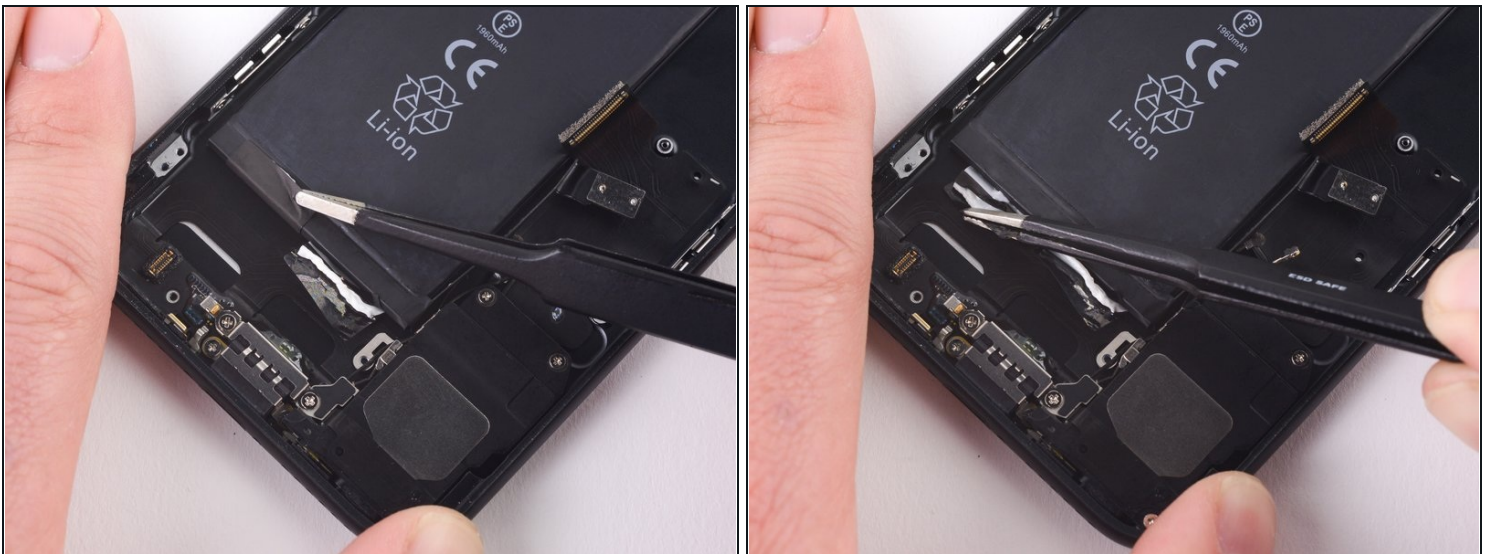
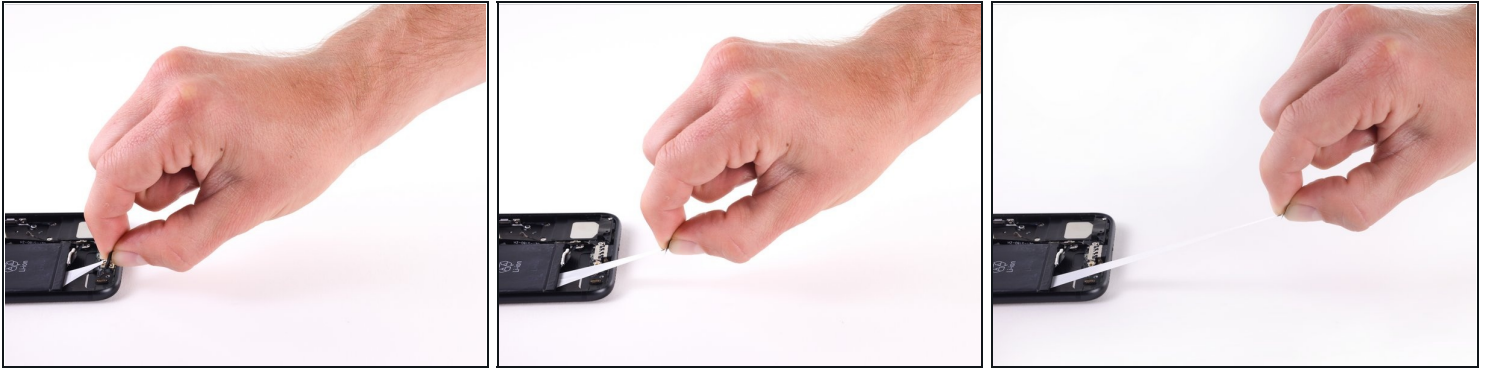## Step 3

- Remove the Taptic Engine.

Step 4

- Use a pair of tweezers with blunt tips to peel back one of the adhesive strips on the lower edge of the battery.

Step 5

- Use a pair of tweezers with blunt tips to peel back the other adhesive strip on the lower edge of the battery.

Step 6

⚠ Try to keep the strips flat and unwrinkled during this procedure; wrinkled strips will stick together and break instead of pulling out cleanly.
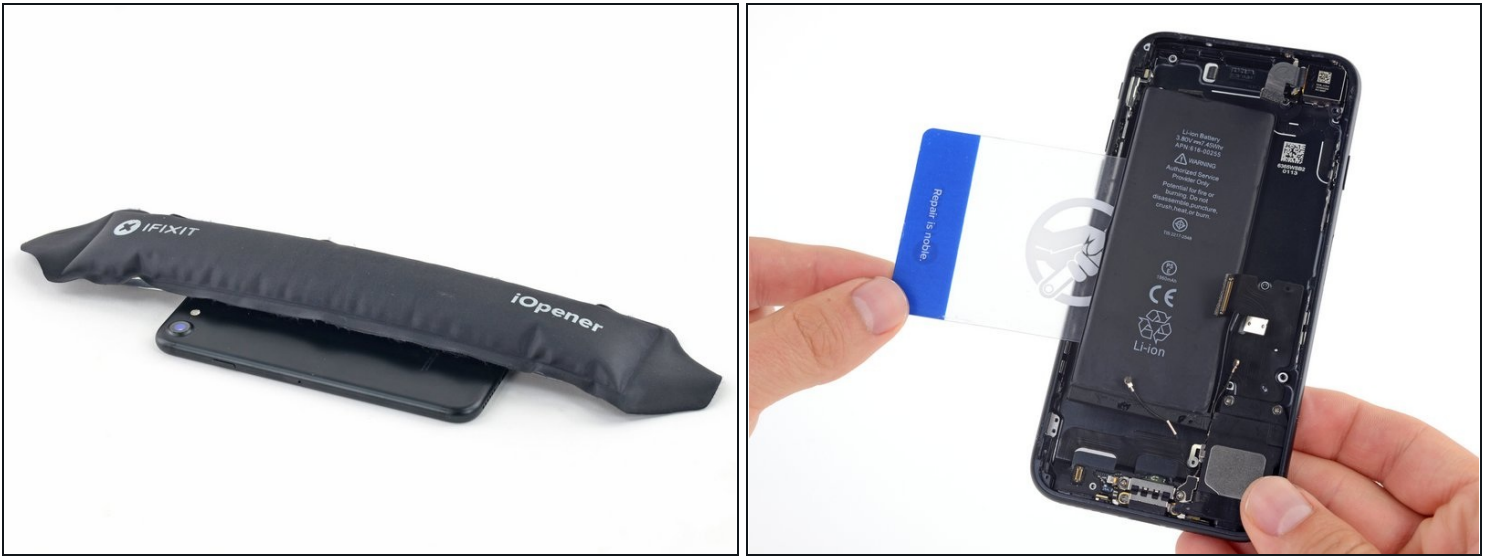
- Slowly pull one battery adhesive tab away from the battery, toward the bottom of the iPhone.

- Pull steadily, maintaining constant tension on the strip until it slips out from between the battery and the rear case. For best results, pull the strip at a 60º angle or less.
  - ⓘ The strip will stretch to many times its original length. Continue pulling and re-grab the strip near the battery if necessary.

Step 7

- Repeat the previous step for the second strip.

  ⚠ Hold down the battery as you remove the second strip, or the strip may fling the battery when it separates from the case.

- **If you removed both adhesive strips successfully, skip the next step.**

  - Otherwise, if either of the adhesive strips broke off underneath the battery and could not be retrieved, **continue with the next step below.**

Step 8

ⓘ If you successfully removed both adhesive strips, move on to the next step. Otherwise, you will need to pry the battery from the rear case.

● [Prepare an iOpener](#) and apply it to the back of the rear case, directly over the battery. Alternatively, you can apply heat using a heat gun or hair dryer.

● After about a minute, remove the iOpener, flip the phone over and use a [plastic card](#) to break up any remaining adhesive behind the battery.

⚠ Avoid bending the battery. Damage to the battery may release dangerous chemicals, and could start a fire.

⚠ Do not pry under the top third of the battery, you may damage the volume button ribbon cable.

Step 9

- Remove the battery.

- 📌 When installing the battery, refer to [this guide](#) to replace your battery's adhesive strips.

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