



iPhone 15 Pro Battery Replacement

Use this guide to replace the battery in your...

Written By: Spencer Day



INTRODUCTION

Use this guide to replace the battery in your iPhone 15 Pro.

iPhone batteries are rated to hold 80% of their capacity for up to 1000 charge cycles. If your iPhone needs to be charged more often or runs slower, it might be time to replace the battery.

You'll need replacement screen adhesive to complete this repair. If your new battery doesn't come with adhesive pre-installed, you'll need replacement adhesive for it as well.

If your battery is swollen, [take appropriate precautions](#).

Note: Due to [Apple's parts pairing restrictions](#), on iOS 17.6 and earlier, you may receive warnings about your replacement part and lose access to battery health data, but your new battery will otherwise work normally. On iOS 18 and newer, all batteries should work normally. Pair original Apple batteries using [Repair Assistant](#).

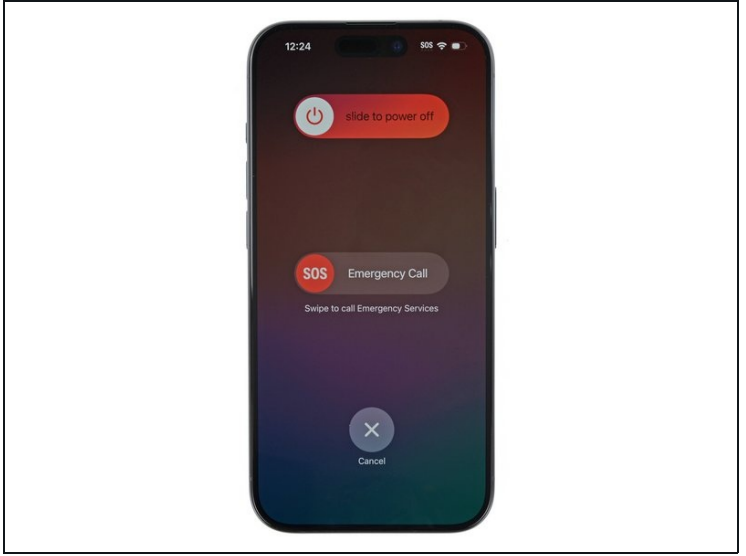
TOOLS:

[P2 Pentalobe Screwdriver iPhone](#) (1)
[Tri-point Y000 Screwdriver](#) (1)
[Phillips #000 Screwdriver](#) (1)
[Suction Handle](#) (1)
[Hair Dryer](#) (1)
[Heat Gun](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[Spudger](#) (1)
[ESD Safe Blunt Nose Tweezers](#) (1)
[Plastic Cards](#) (1)
[Isopropyl Alcohol \(90% or Greater\)](#) (1)
[Coffee Filters or a lint-free cloth](#) (1)
[Cotton Swabs](#) (1)
[Microfiber Cleaning Cloth](#) (1)
[Packing Tape](#) (1)

PARTS:

[iPhone 15 Pro Battery](#) (1)
[iPhone 15 Pro Battery Adhesive Strips](#) (1)
[Precut Double-Sided Adhesive Card](#) (1)

Step 1 — Prepare your iPhone for disassembly



⚠️ Let your phone's battery drain below 25% before starting this repair—a charged lithium-ion battery may catch fire if damaged.

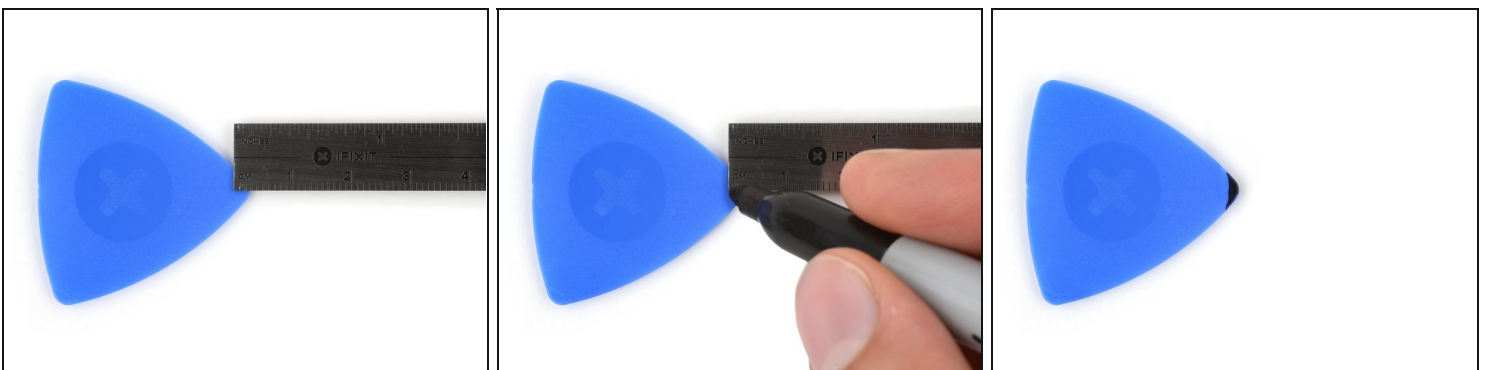
- Unplug all cables from your phone.
- Hold the power and either volume button and slide to power off your phone.

Step 2 — Tape over any cracks



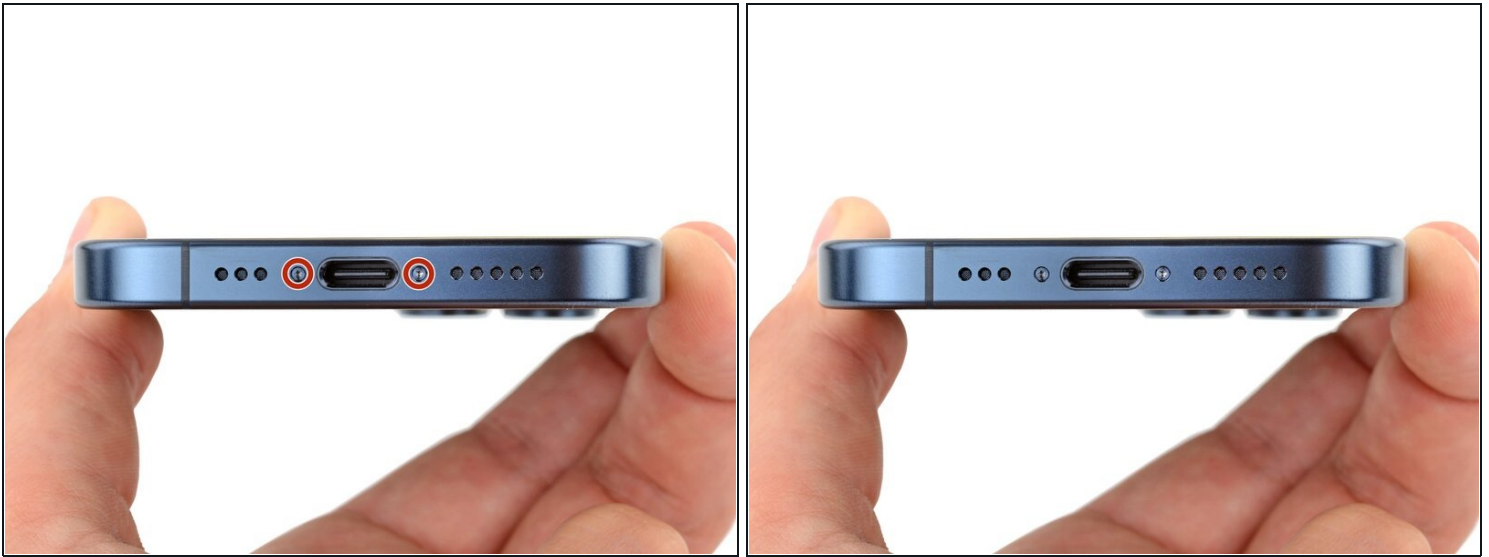
- If your screen or back glass is cracked, lay overlapping strips of packing tape over the glass to protect yourself and make disassembly easier.
- ① Make sure there's a smooth area near the bottom edge that's big enough for a suction cup to stick to.

Step 3 — Mark your opening picks



- ① If inserted too far, an opening pick can damage your device. Follow this step to mark your pick and prevent damage.
- Measure 3 mm from the tip and mark the opening pick with a permanent marker.
- ① You can also mark the other corners of the pick with different measurements.
- ① Alternatively, [tape a coin to a pick](#) 3 mm from the tip.

Step 4 — Remove the pentalobe screws



- Use a P2 pentalobe screwdriver to remove the two 7 mm-long screws on either side of the charging port.

Step 5 — Heat the bottom edge



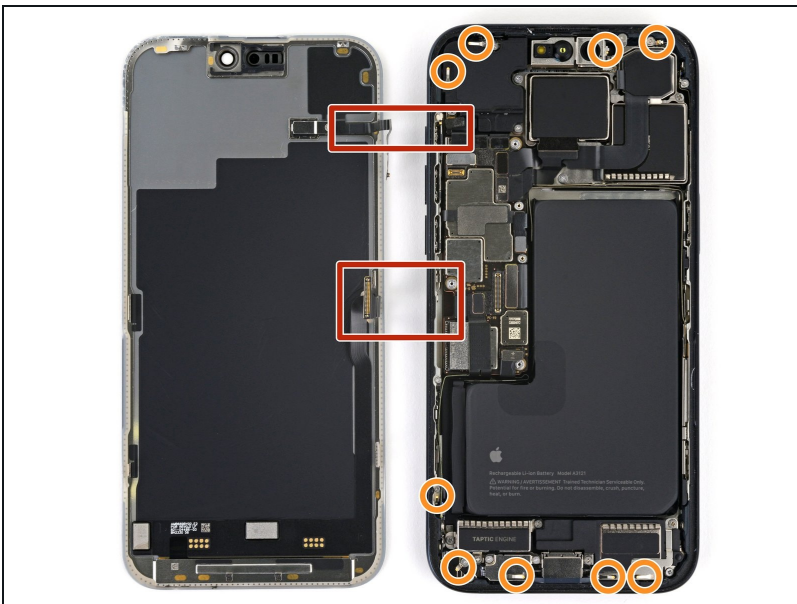
- Use a [hair dryer](#) or [heat gun](#) to heat the bottom edge of the screen until it's hot to the touch.
⚠ Be careful not to heat the phone hotter than this—the battery is susceptible to heat damage.

Step 6 — Insert an opening pick



- Apply a suction handle to the bottom edge of the screen.
- Pull up on the handle with a strong, steady force to create a gap between the screen and the frame.
- Insert the tip of an opening pick into the gap.

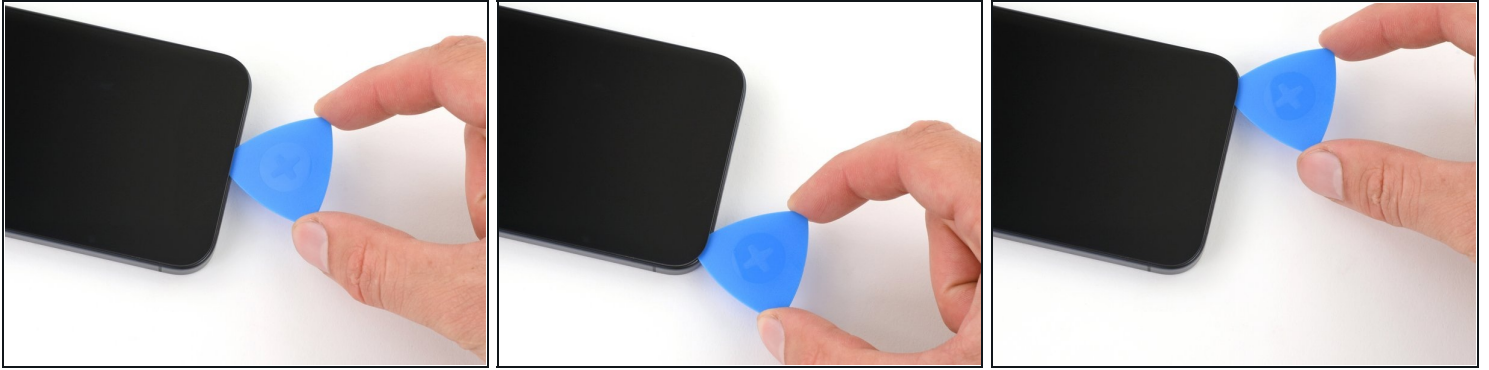
Step 7 — Screen information



⚠ As you slice the adhesive securing the screen in the next steps, be careful of the following areas:

- There are two delicate cables connecting the screen to the phone: one just above the action button, and the other near the middle of the left edge.
- There are multiple spring contacts around the perimeter of the phone. Be extra careful not to insert your pick deeper than suggested in these locations to avoid bending the contacts.

Step 8 — Separate the bottom edge adhesive



⚠ Don't insert your opening pick deeper than **3 mm** along the bottom edge.

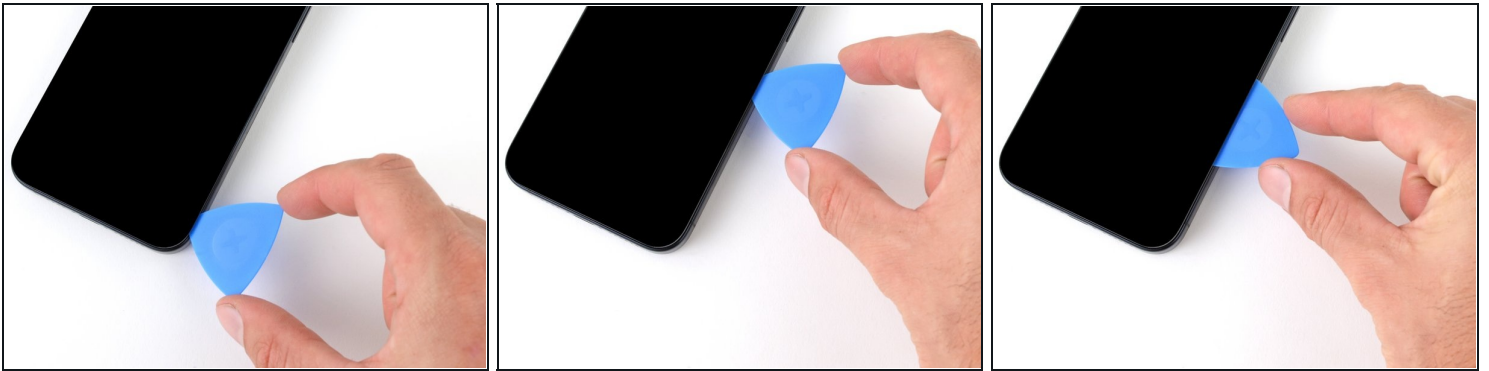
- Slide your pick back and forth along the bottom edge to separate the adhesive.
- Leave your pick inserted in the bottom right corner to prevent the adhesive from re-sealing.

Step 9 — Heat the right edge



- Heat the right edge of the screen until it's hot to the touch.

Step 10 — Position the opening pick



⚠ Don't insert your pick deeper than **5 mm along the right edge.**

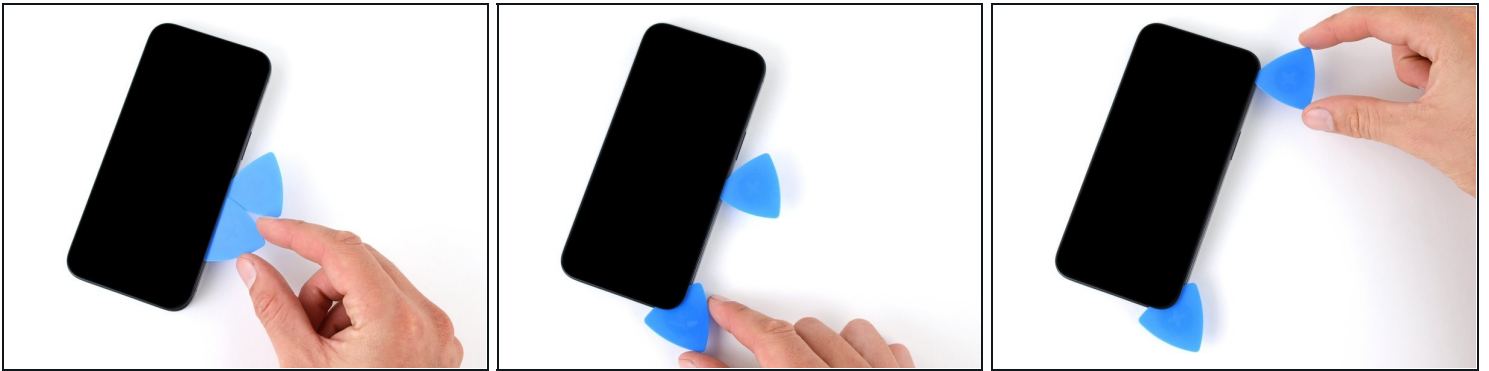
- Slide your pick around the bottom right corner of the screen and toward the power button until you feel a hard stop at a clip securing the screen.
- Rotate your pick so the flat edge is under the screen.

Step 11 — Release the right clip



- Twist the pick to increase the gap between the screen and the frame until the right clip releases.
- Insert a second opening pick to the right of the first pick.

Step 12 — Separate the right edge adhesive



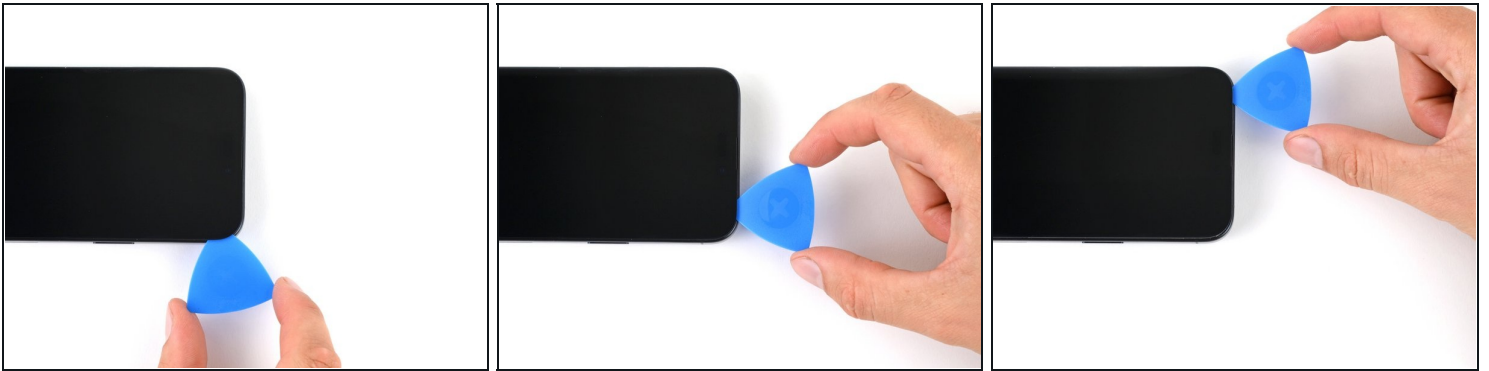
- Slide the first pick back to the bottom right corner of the screen.
- Slide the second pick to the top right corner of the screen to separate the adhesive.
- Leave these picks inserted to prevent the adhesive from resealing.

Step 13 — Heat the top edge



- Heat the top edge of the screen until it's hot to the touch.

Step 14 — Separate the top edge adhesive



⚠ Don't insert your pick deeper than **3 mm** along the top edge.

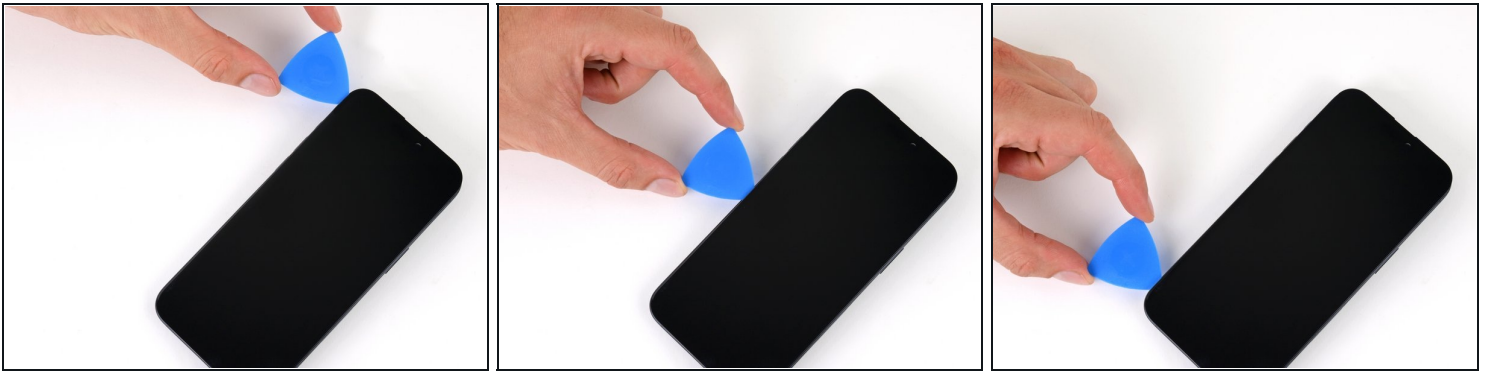
- Slide your pick around the top right corner and along the top edge to release the two clips and adhesive securing it.

Step 15 — Heat the left edge



- Heat the left edge of the screen until it's hot to the touch.

Step 16 — Separate the left edge adhesive



⚠ Don't insert your pick deeper than **2 mm** along the left edge to avoid the [two cables connecting the screen to the phone](#).

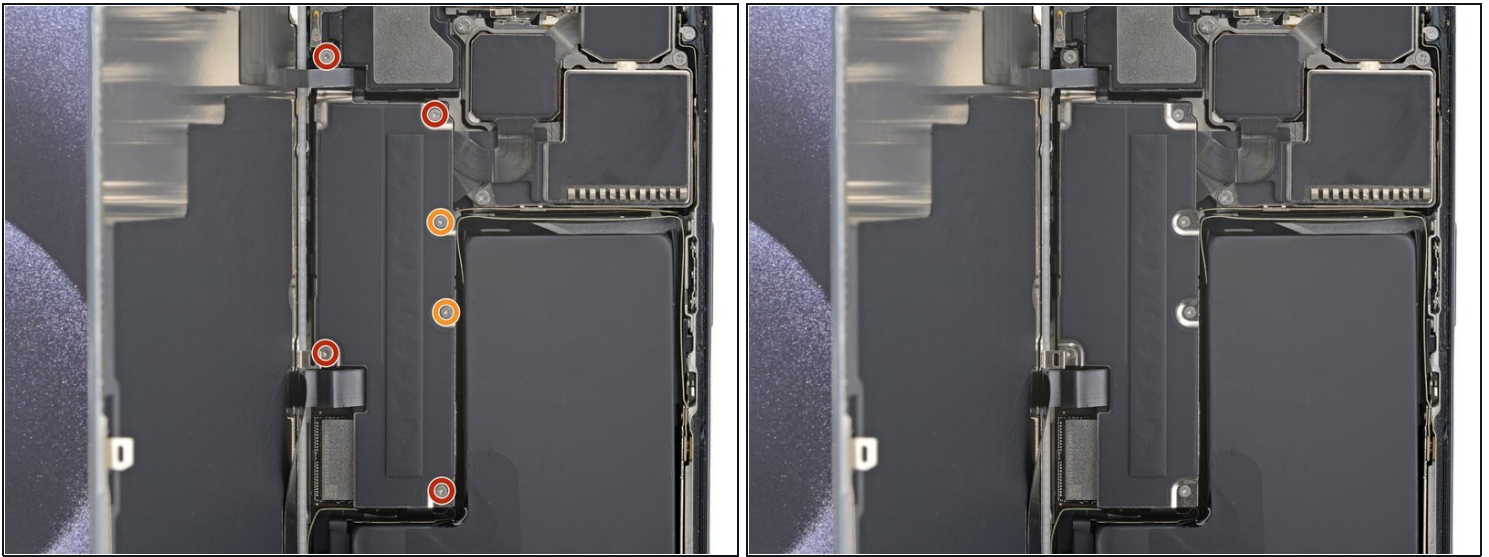
- Rotate your pick around the top left corner of the screen.
- Slide your pick to the bottom left corner of the screen to separate the adhesive.

Step 17 — Prop up the screen



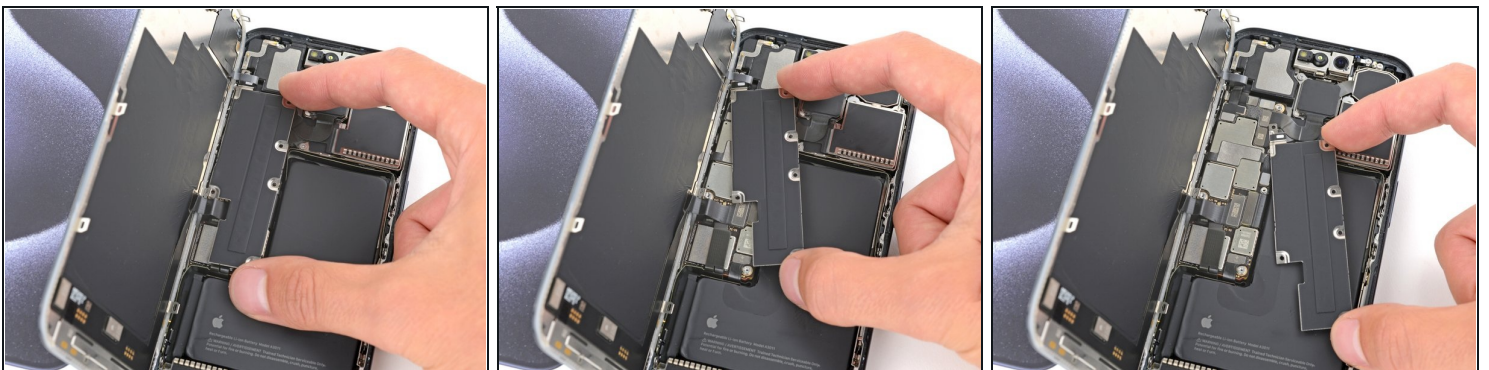
- Place a small box or stack of books to the left of your phone so you can prop up the screen while disconnecting its cables.
- Swing up the right edge of the screen like the front cover of a book.
 - ⓘ If the screen feels stuck, go back around the perimeter with an opening pick to separate any remaining adhesive.
- Prop up the screen so you can access its cables without straining them.

Step 18 — Unfasten the logic board cover



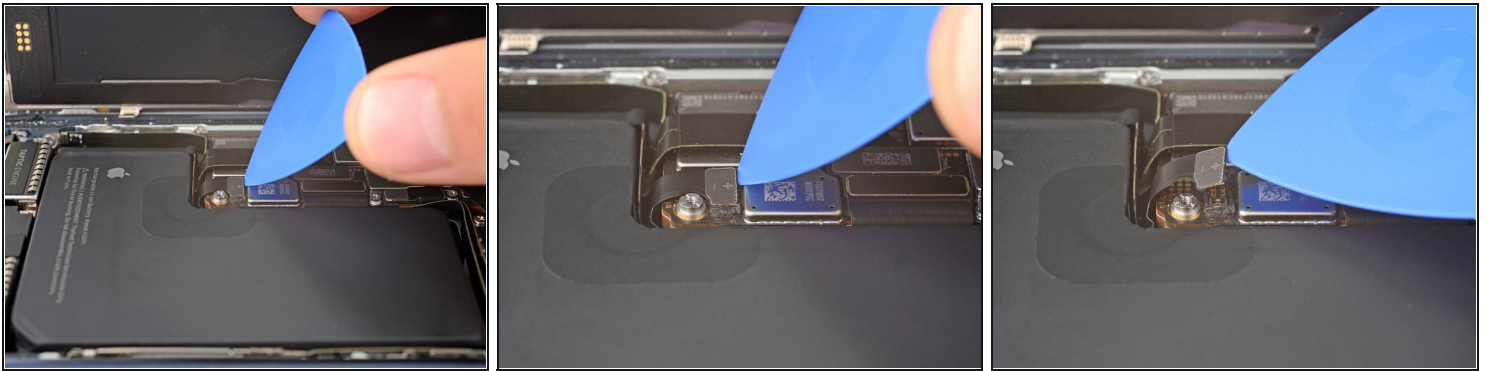
- Use a Y000 screwdriver to remove the six screws securing the logic board cover:
 - Four 1.6 mm-long screws
 - Two 1.3 mm-long screws

Step 19 — Remove the logic board cover



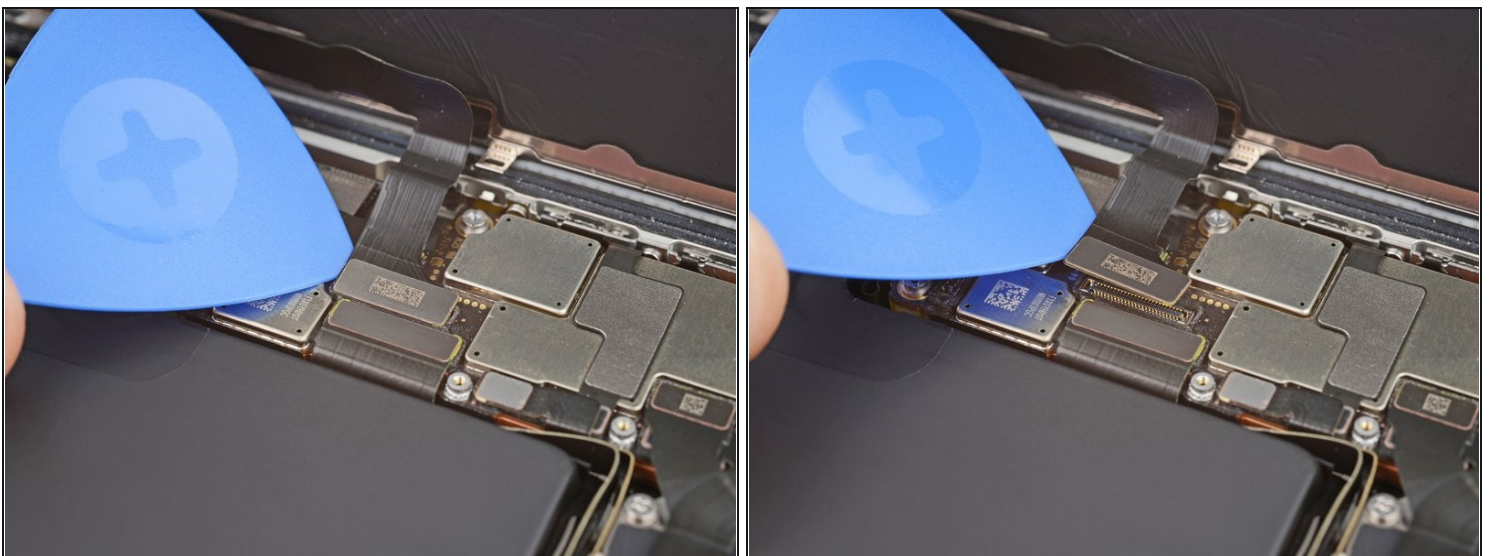
- Rotate the bottom of the logic board cover counterclockwise and slide the top left corner out from under the ambient light sensor cable to remove it.
- ☒ During reassembly, make sure the top left corner of the cover goes [under the ambient light sensor cable](#).

Step 20 — Disconnect the battery



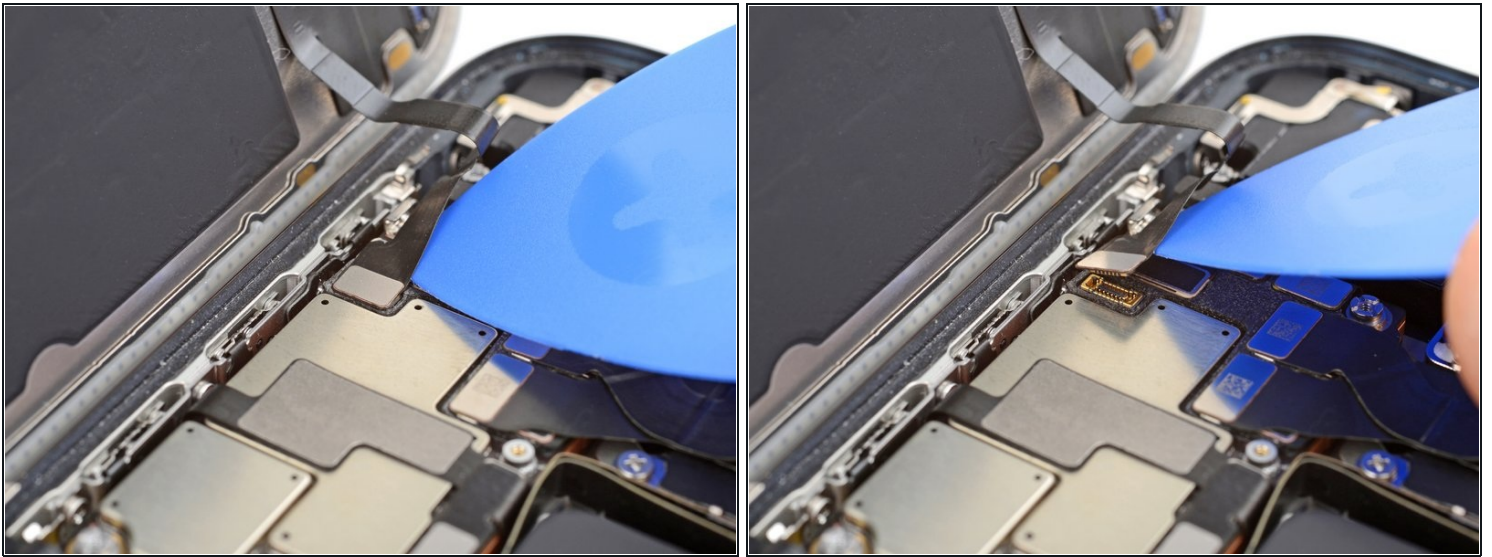
- Use the tip of an opening pick to pry up and disconnect the battery press connector from the bottom right corner of the logic board.
- ⓘ To reconnect a [press connector](#), align it over its socket and gently press down on one side until it clicks into place, then press down on the other side. Make sure it sits flat, as the insulating rubber around the sockets might prevent it from connecting fully.

Step 21 — Disconnect the screen



- Use the tip of an opening pick to pry up and disconnect the screen cable from the center of the logic board.

Step 22 — Disconnect the ambient light sensor



- Gently slide the tip of an opening pick under the ambient light sensor cable near the top left corner of the logic board.
- Lift the cable to disconnect it.

Step 23 — Remove the screen



- Remove the screen.
- ☒ During reassembly, follow [this guide](#) to apply new adhesive and install your screen.
- ⚠ Be careful not to damage any of the [spring contacts](#) as you clean the frame.

Step 24 — Unfasten the loudspeaker



- Use a Phillips #000 screwdriver to remove the four screws securing the loudspeaker:
 - One 2.7 mm-long screw
 - Three 2 mm-long screws

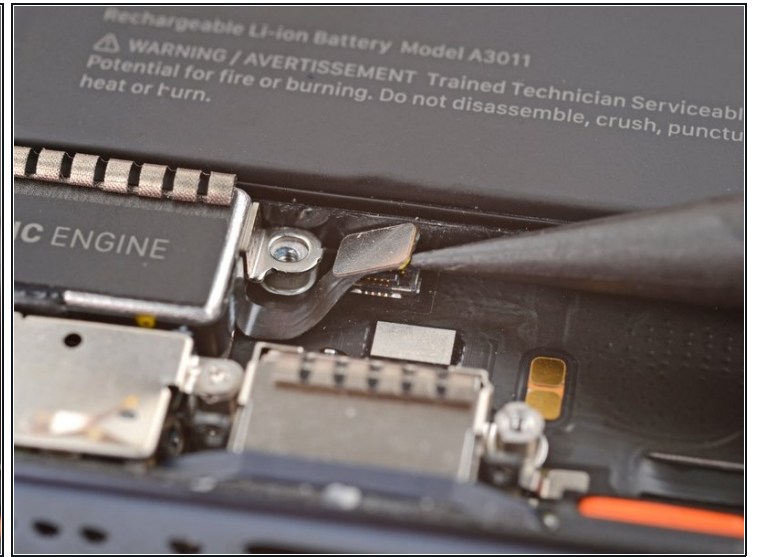
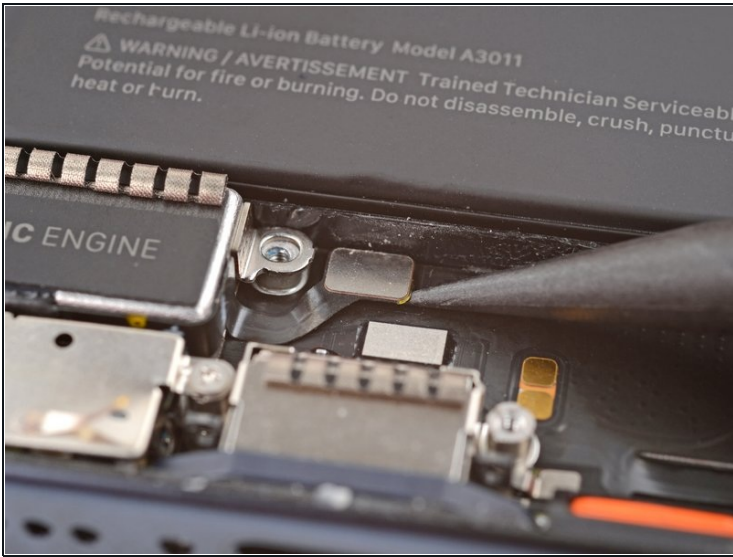
Step 25 — Remove the loudspeaker



ⓘ A [plastic buffer](#) is adhered to the top edges of the loudspeaker and Taptic Engine.

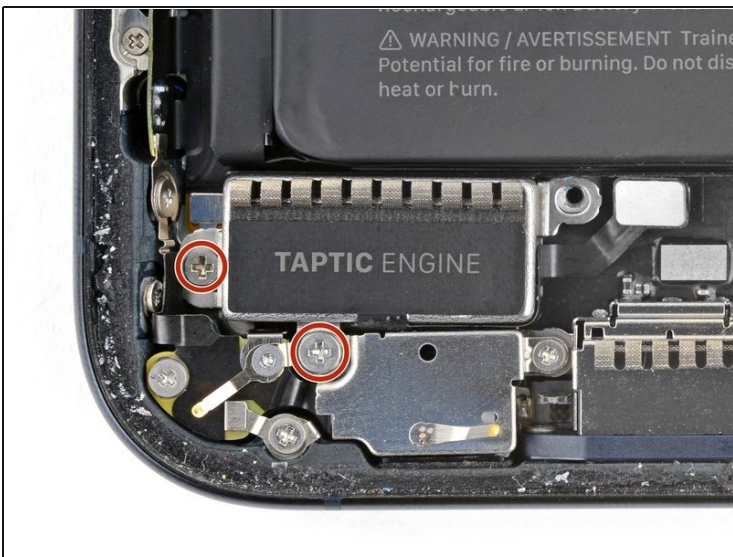
- Lift the bottom edge of the loudspeaker until you can grab it with your fingers.
- Peel the loudspeaker from the plastic buffer on its top edge and remove it.

Step 26 — Disconnect the Taptic Engine



- Use the point of a spudger to pry up and disconnect the Taptic Engine press connector.

Step 27 — Unfasten the Taptic Engine



- Use a Phillips #000 screwdriver to remove the two 2 mm-long screws securing the Taptic Engine.

Step 28 — Remove the Taptic Engine



- Remove the Taptic Engine.

Step 29 — Adhesive information



- ① Three sections of [stretch release adhesive](#) secure the battery to the frame—two along the bottom and one on top.
 - Each strip has a black pull tab at its end, which is lightly adhered to the edge of the battery.
- ① In the following steps, you'll pull each tab out from underneath the battery.
- ① The strips loosen when stretched, but might break off before you can fully remove them, especially the top edge strip. If any break, don't worry! Keep reading for an alternate way to remove the battery.

Step 30 — Separate the pull tabs



⚠ Don't puncture or dent the battery with your tool, as it can leak dangerous chemicals or catch fire if damaged.

- Use the tip of an opening pick to gently unstick an edge of an adhesive pull tab from the edge of the battery.
- Use blunt nose [tweezers](#) to grip the edge of the pull tab and pull it completely off the edge of the battery.
- Repeat for the other two pull tabs.

Step 31 — Remove the stretch release adhesive



- Pull one of the pull tabs out from under the battery until you can grip it with your fingers or [wrap it around your tool](#).
- Hold the phone steady using the edges of the frame—don't press down on the battery.
- Pull the strip slowly, evenly, and at a low angle without dragging on other components.
- Continue pulling, re-gripping or wrapping it around your tool as you go, until the strip fully releases from under the battery.
 - ① If the strip breaks off, try to retrieve it. If you can't grip it from under the battery, move on to the next step.
- Repeat this step for the other two strips.

Step 32 — Alternate method to remove the battery



- ① If you removed all three stretch release adhesive strips, congratulations—you can now [remove the battery](#)! If not, **follow the next two steps** to separate the adhesive with isopropyl alcohol and a plastic card.
- If the top strip remains, prop up the top edge of the phone.
 - If either of the bottom strips remain, prop up the left edge of the phone (the side with the volume buttons).
 - Use a pipette or syringe to apply a few drops of highly-concentrated isopropyl alcohol (over 90%) to the elevated edge of the battery.
 - Wait one minute for the isopropyl alcohol to flow under the battery and soften the adhesive.

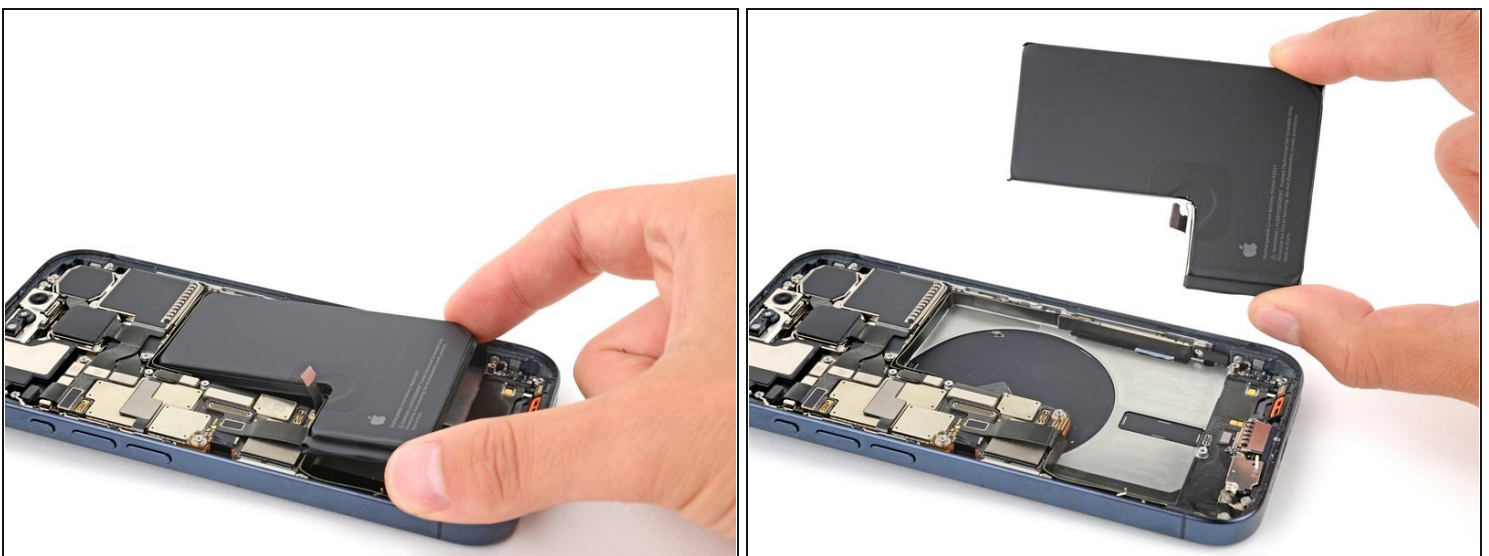
Step 33 — Pry up the battery



⚠ Don't bend or crease your battery. If the adhesive feels stubborn, apply a few more drops of isopropyl alcohol and try again.

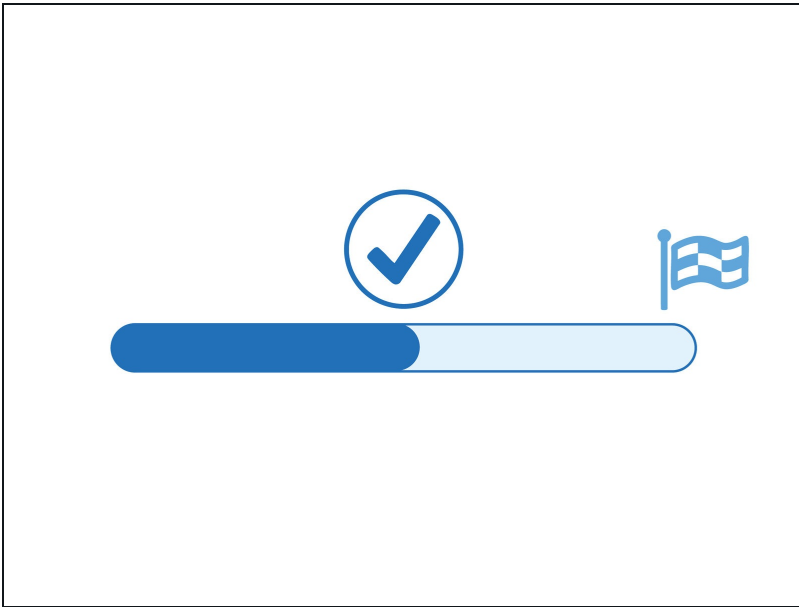
- Insert the short edge of a [plastic card](#) between the bottom edge of the battery and the frame.
 - ⚠ Be careful not to scrape the frame underneath the battery—the wireless charging coil is exposed near the center.
- Gently pry up the battery until the adhesive fully separates.
 - ⓘ Depending on how strong your adhesive is, this may take some time. Allow up to a minute of constant pressure for the adhesive to loosen.

Step 34 — Remove the battery



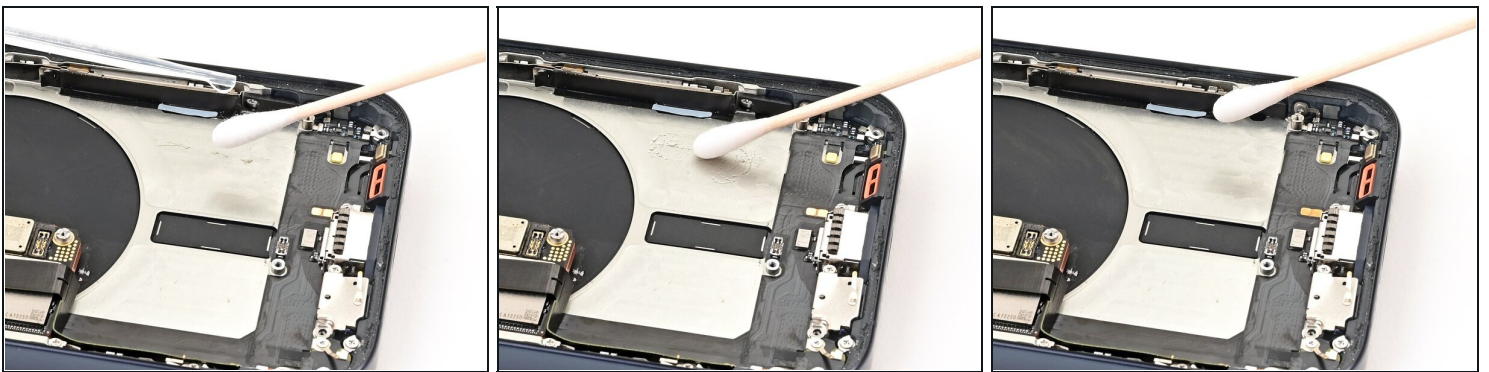
- Remove the battery.

Step 35 — Disassembly complete



- Congratulations on completing disassembly! **The remaining steps show how to reassemble the iPhone.**

Step 36 — Clean the frame



- Use cotton swabs or a lint-free cloth and high-concentration (>90%) isopropyl alcohol to wipe off any battery adhesive residue from the iPhone's frame.

Step 37 — Remove the adhesive liner



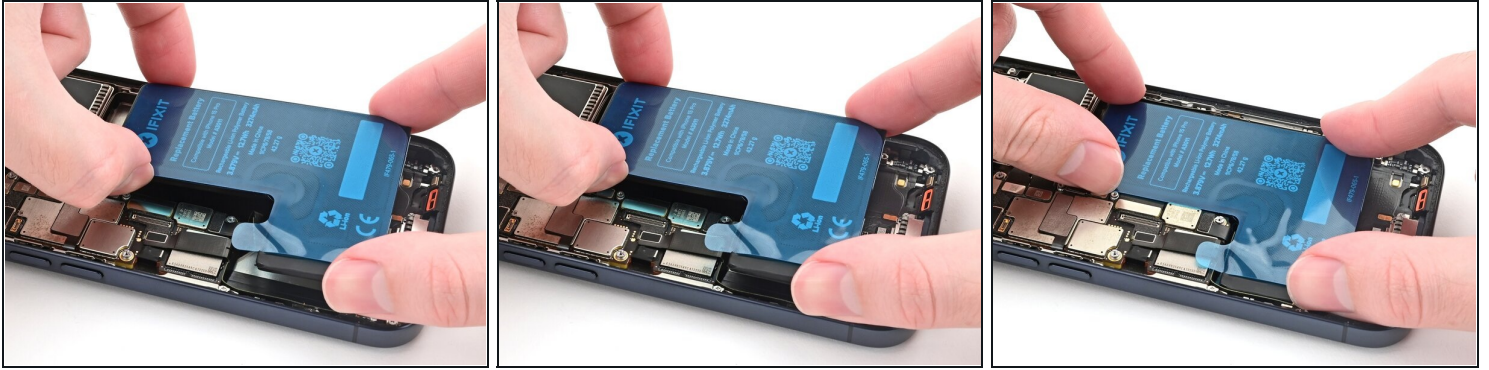
- Peel the liner off the battery adhesive, pictured here in pink.
 - ❗ If the battery has a liner on the top of the battery, pictured here in blue, leave it in place for now.

Step 38 — Connect the battery



- Hold the battery over its place in the iPhone, but **don't** lower it into place yet.
- Use your finger or a spudger to connect the battery press connector.
 - ❗ This will ensure the battery is properly aligned.

Step 39 — Place the battery



⚠ The battery adhesive is very sticky! Be careful as you align the battery in its recess—once it sticks, you won't be able to realign it.

- Push the battery towards the top of the iPhone so the battery cable is pressed against it, then lay it into its recess.

Step 40 — Press the battery



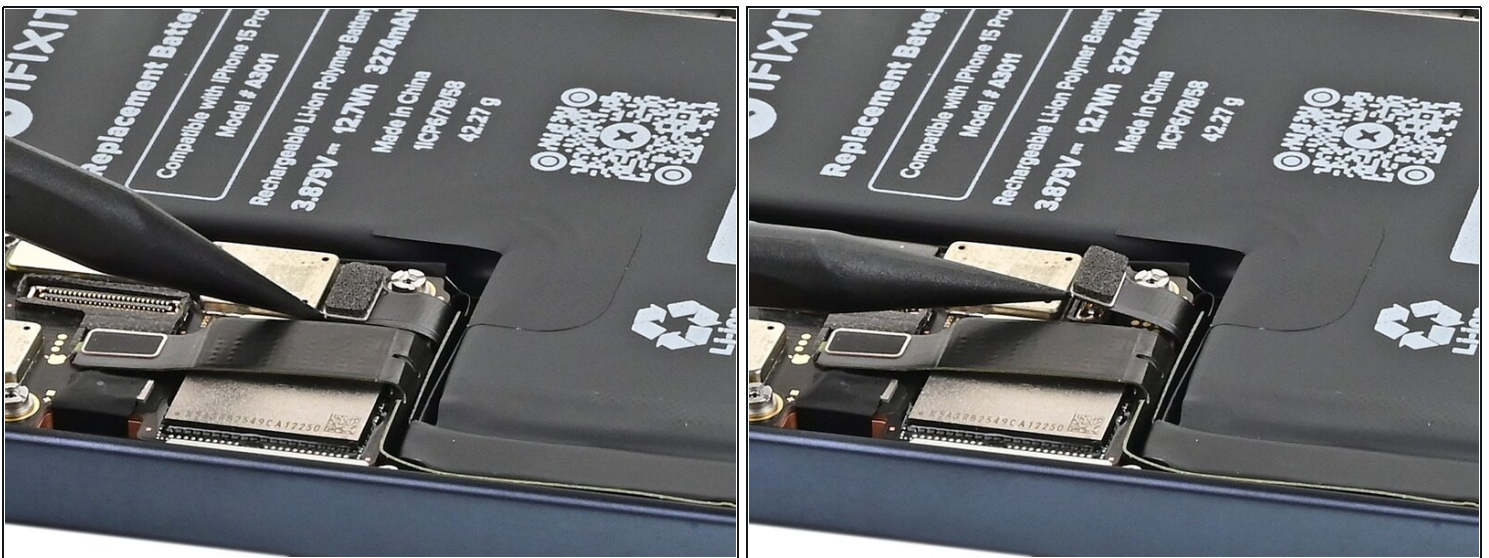
- Use your fingers to press the battery into place.

Step 41 — Remove the battery liner



- Remove the protective cover off the top of the battery (if present).

Step 42 — Disconnect the battery



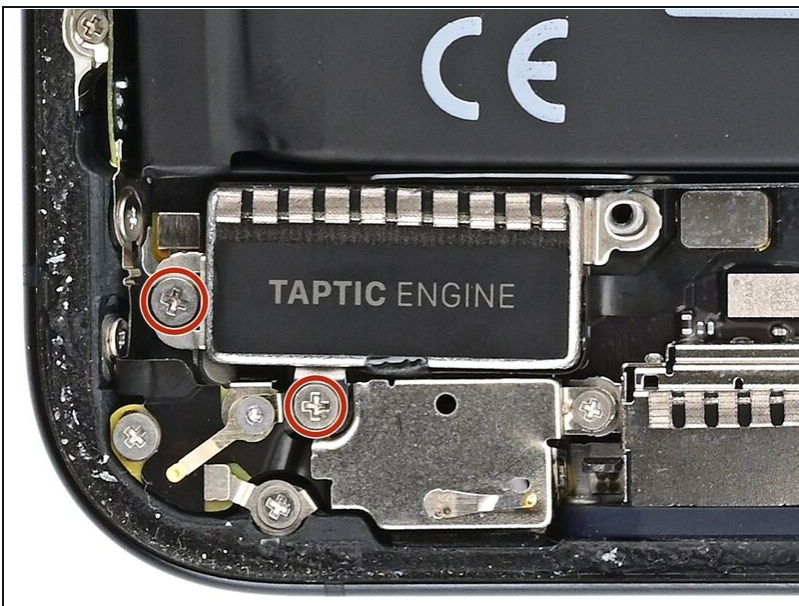
- Use the point of a spudger or opening pick to pry up and disconnect the battery press connector.

Step 43 — Install the Taptic Engine



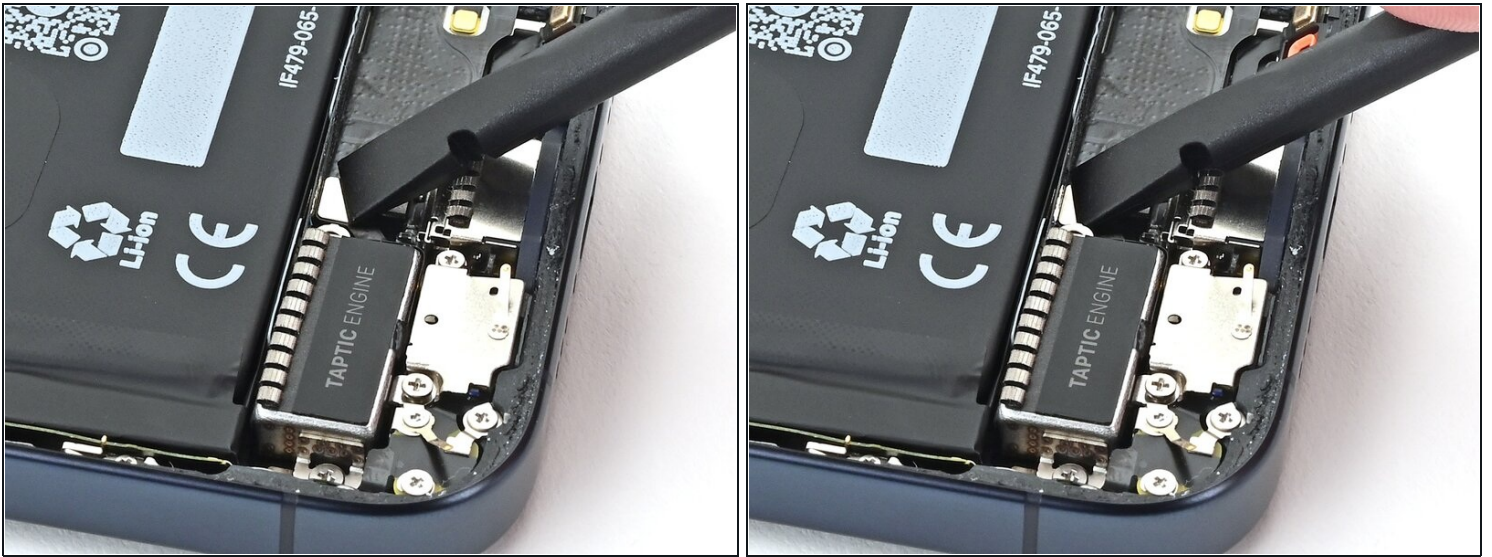
- Place the Taptic Engine into its recess in the frame.

Step 44



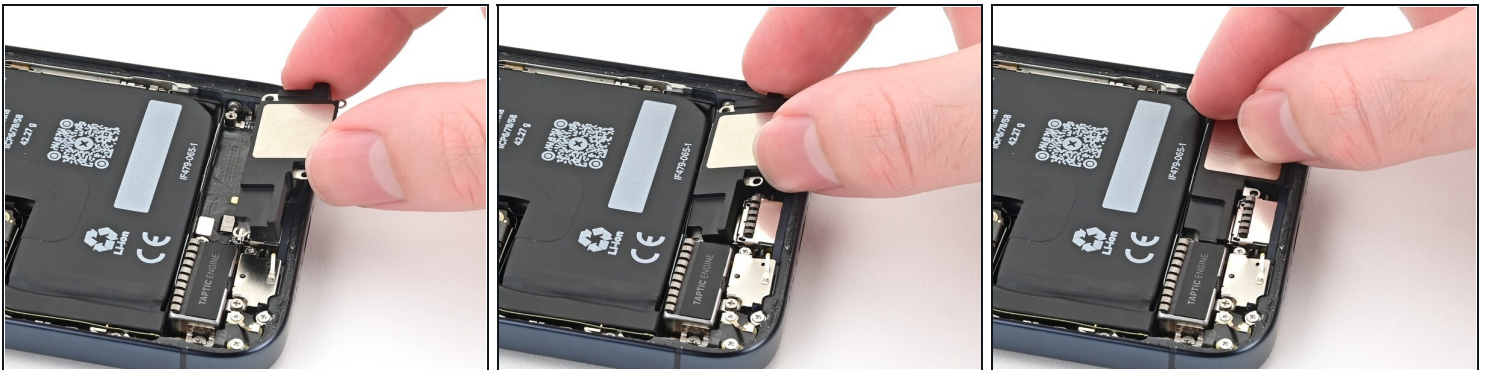
- Use a Phillips #000 screwdriver to install the two 2 mm-long screws securing the Taptic Engine.

Step 45 — Connect the Taptic Engine



- Use the flat end of a spudger to connect the Taptic Engine press connector.

Step 46 — Install the loudspeaker



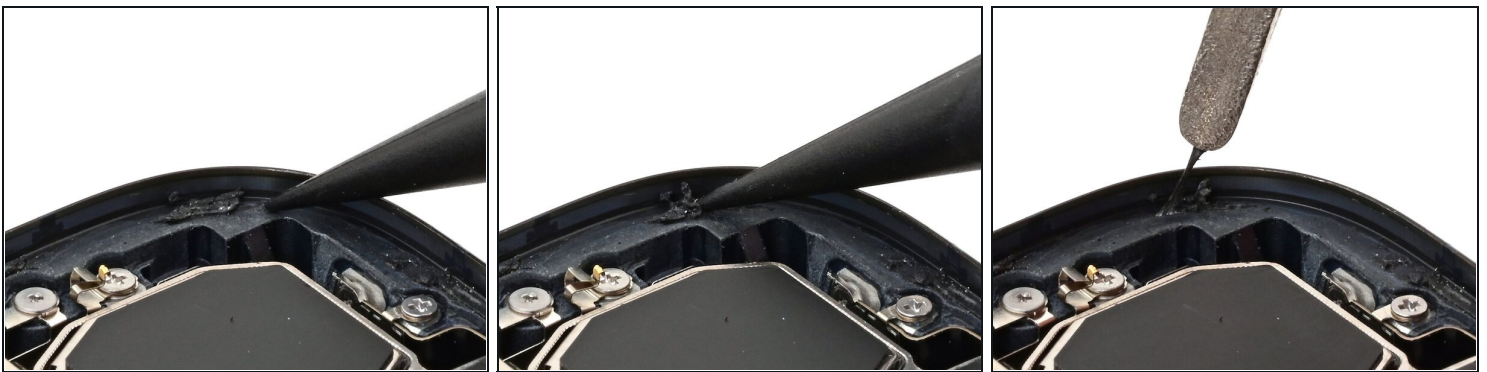
- Place the loudspeaker into its recess in the frame.

Step 47



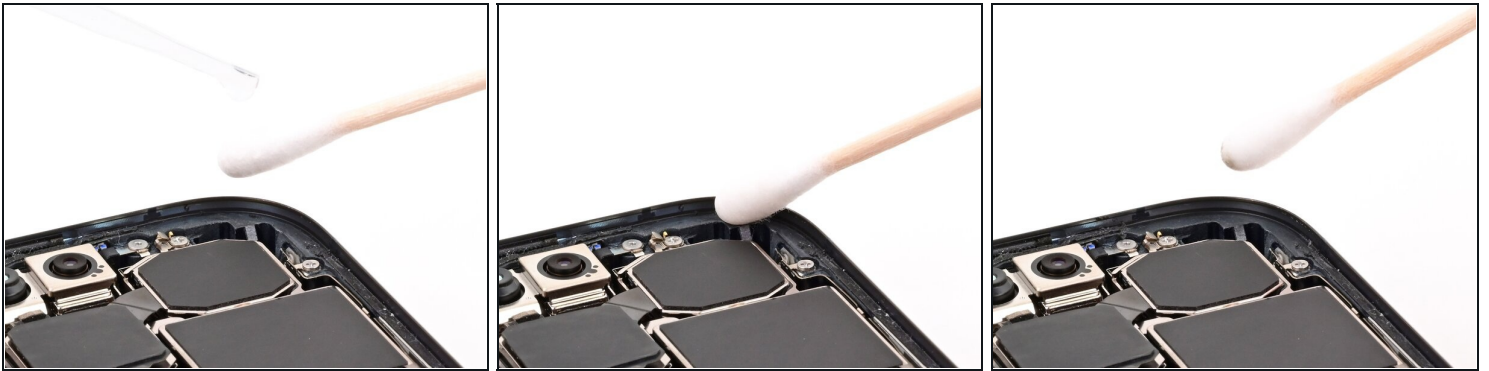
- Use a Phillips #000 screwdriver to install the four screws securing the loudspeaker:
 - One 2.7 mm-long screw
 - Three 2 mm-long screws

Step 48 — Remove the screen adhesive



- ① The adhesive remaining on the phone is difficult to remove and leaves residue. If you have trouble removing the adhesive, apply some heat using a [hair dryer](#) or [heat gun](#).
- Use a spudger to push the screen adhesive up until you can grab it with a pair of tweezers.
- Use a pair of tweezers, or your fingers, to remove the adhesive around the entire perimeter of the iPhone.

Step 49



⚠ Any unevenness will compromise the iPhone's seal. Clean the frame thoroughly.

- Apply a few drops of high-concentration (greater than 90%) isopropyl alcohol to a cotton swab or lint-free cloth.
- Wipe along the perimeter of the frame to clean the adhesive residue.
- Wait a few minutes before proceeding to make sure any excess alcohol has evaporated.

Step 50 — Orient the adhesive



- Lay the adhesive next to the phone and use features like cutouts for spring contacts and the front-facing camera to orient it correctly.

Step 51 — Apply the adhesive



⚠ Once the adhesive is pressed into place, you can't reposition it—you'll have to remove it and start over with new adhesive.

- Use the pull tab to begin peeling the back liner off of the adhesive starting from the bottom, but don't remove it all the way.
- While holding the back liner out of the way, carefully align the exposed edge of the adhesive to the bottom edge of the iPhone's frame.
- When the adhesive is aligned, set it down along the bottom edge.

Step 52



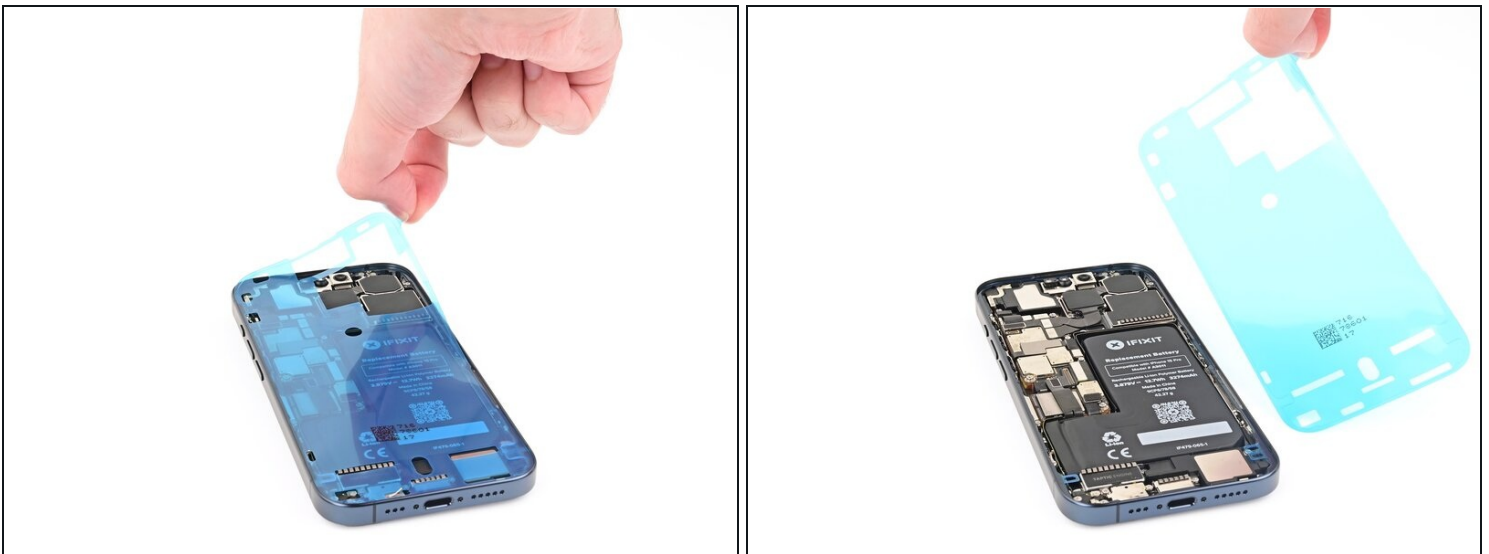
- Continue peeling the back liner off of the adhesive while setting the adhesive into place along the edges of the iPhone's frame.
 - i** If you correctly aligned the lower edge of the adhesive, the side and top edges will fall perfectly into place. If the adhesive is misaligned, remove it and start over with new adhesive.
 - i** If you don't have another one handy, it's okay to put your iPhone back together without adhesive, but keep in mind that it won't be water resistant until you install new adhesive.

Step 53 — Press the adhesive into place



- Use the flat end of a spudger to press the adhesive into place all around the iPhone.
⚠ Be careful not to press on the camera, spring contacts, or other internal components.

Step 54 — Remove the top liner



- Lift the pull tab in the top-right corner of the frame to peel off the top liner and remove it.
ⓘ Your pull tab may be in a different location. Make sure you're pulling the full-size top liner, **not** the thin liners along the edges.

Step 55 — Adhesive information



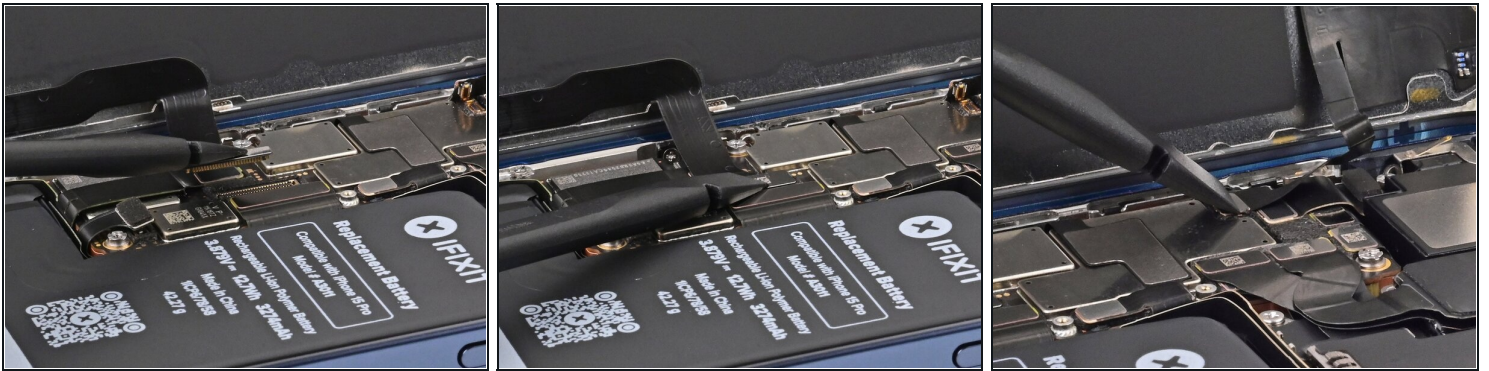
- Once the top liner is removed, there should be three narrow liners on top of the adhesive with pull tabs near the bottom edge.
- ⓘ Your pull tabs may be in different positions.
- ⓘ If you don't see these pull tabs, you may have accidentally removed the thin liners in the previous step. Be careful not to touch anything to the exposed adhesive.

Step 56 — Prop up the screen



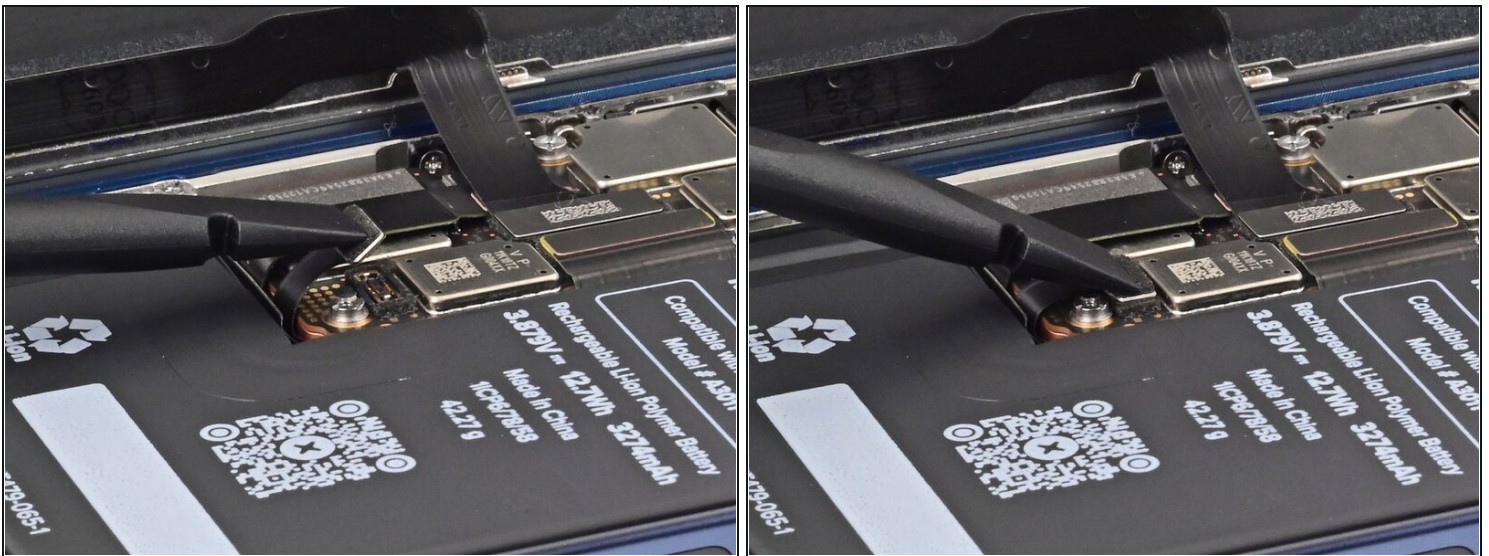
- Prop the screen up along the left edge of the iPhone frame, using a box or similar sturdy object to support the screen.

Step 57 — Connect the screen and ambient light sensor



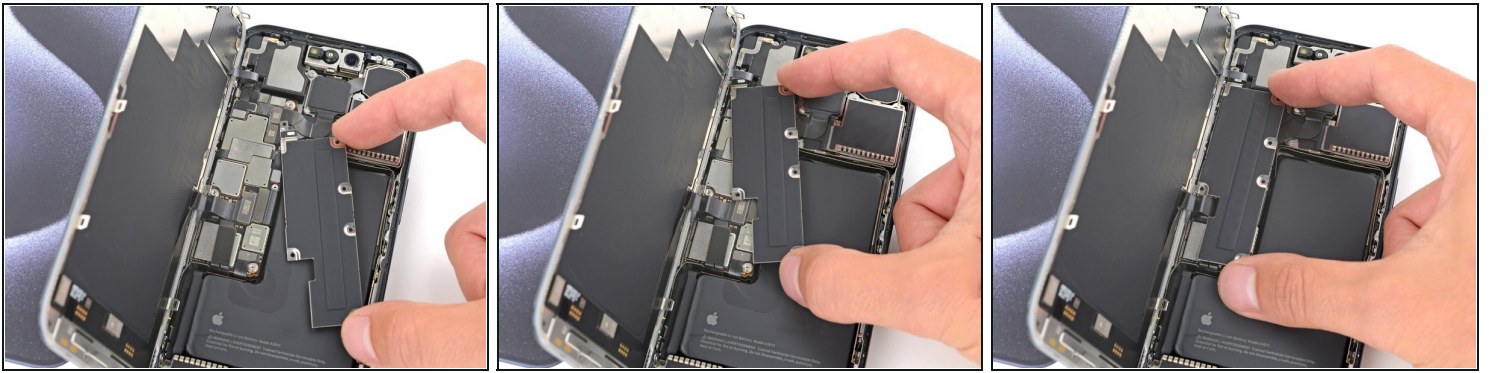
- Use your finger or the flat end of a spudger to connect the screen and ambient light sensor press connectors.

Step 58 — Connect the battery



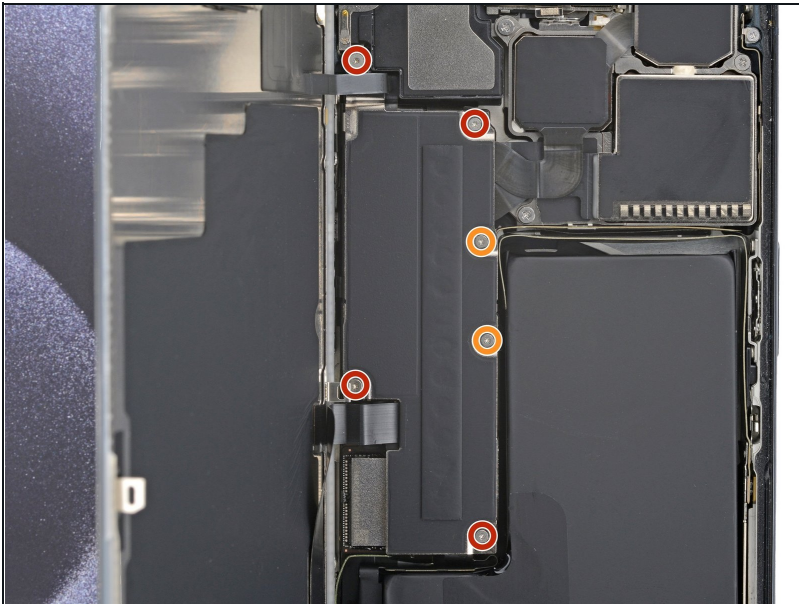
- Use your finger or the flat end of a spudger to connect the battery press connector.

Step 59 — Install the logic board cover



- Slide the top left corner of the logic board cover [under the ambient light sensor cable](#) and set it into place, aligned with its screw holes.

Step 60 — Fasten the logic board cover



- Use a Y000 screwdriver to install the six screws securing the logic board cover:
 - Four 1.6 mm-long screws
 - Two 1.3 mm-long screws

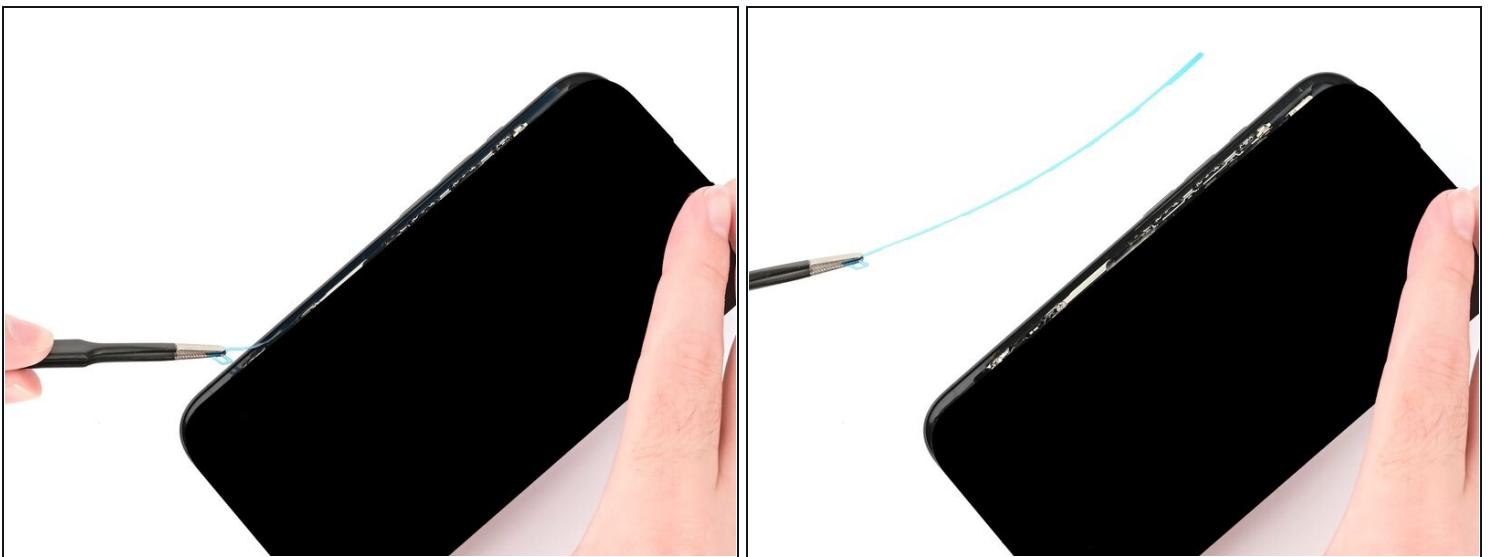
Step 61 — Remove the final adhesive liners



⚠ Once you remove the liners in this step, the adhesive will be fully exposed. Make sure nothing accidentally sticks to it.

- Use tweezers to remove the two narrow liners covering the adhesive along the right, top, and bottom edges of the frame.

Step 62



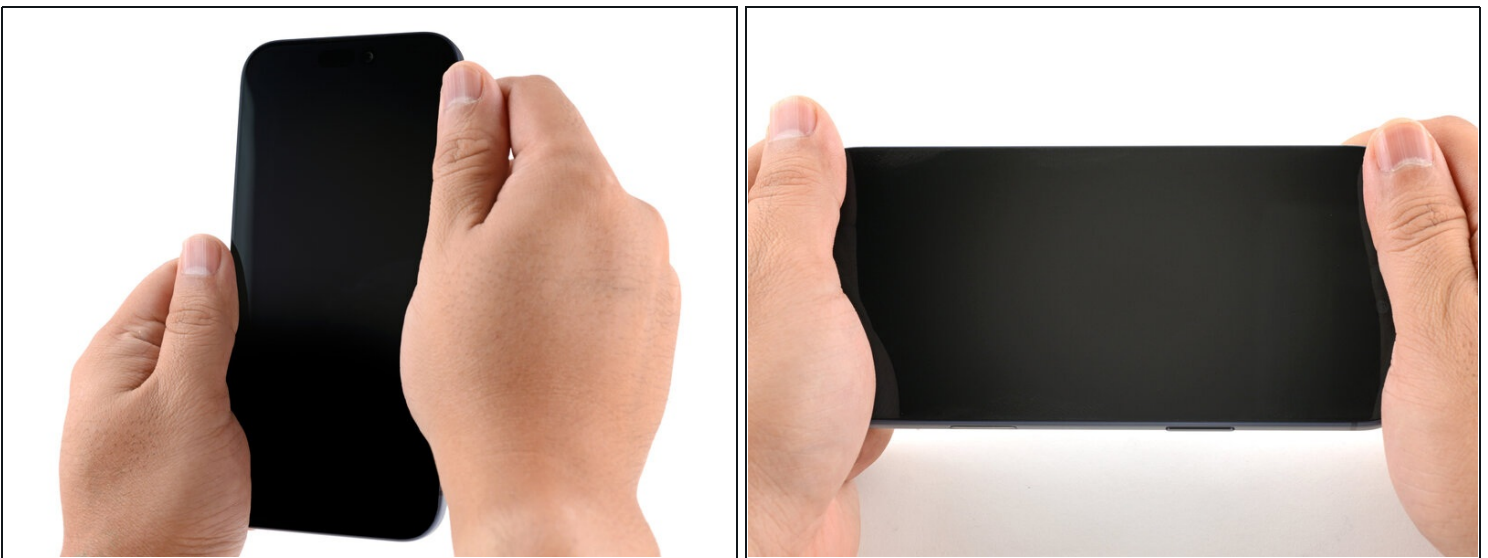
- Without letting the screen touch the adhesive, hold the screen over the phone so you can access the final liner along the left edge of the frame.
- Use a pair of tweezers or your fingers to remove the final liner along the left edge of the frame.

Step 63 — Place the screen



- Align the screen over the frame, then lower it into place.

Step 64 — Press the screen



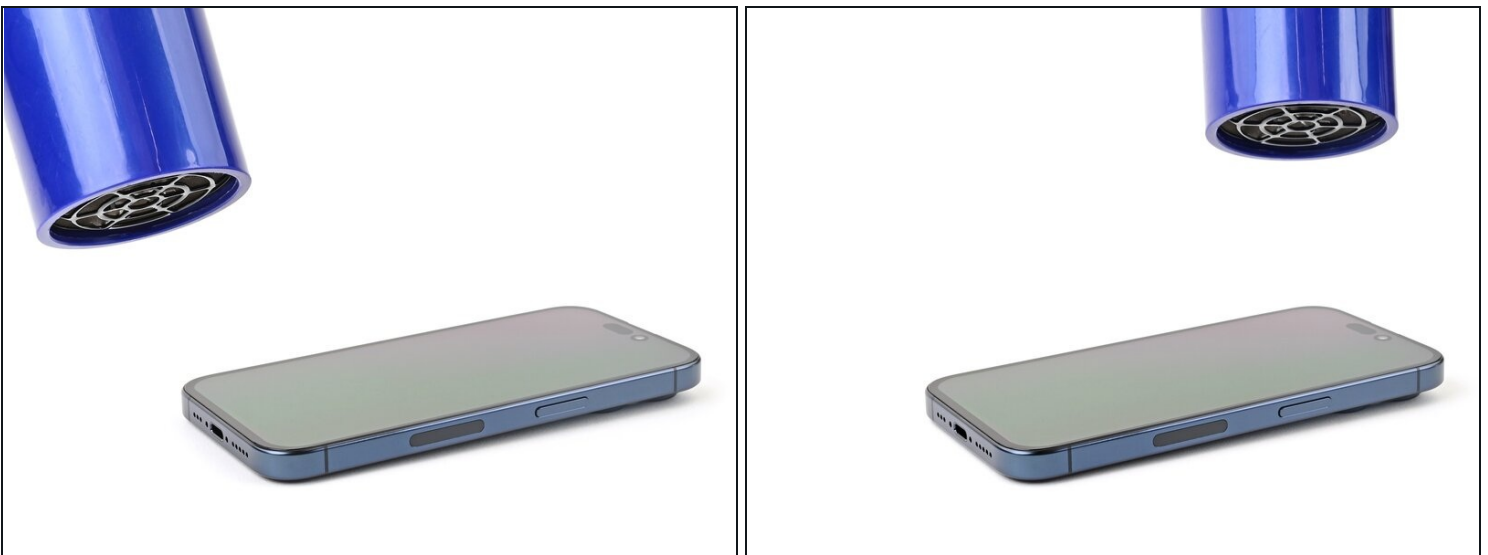
- Firmly press along the edges of the screen to engage the clips and compress the adhesive.

Step 65 — Install the pentalobe screws



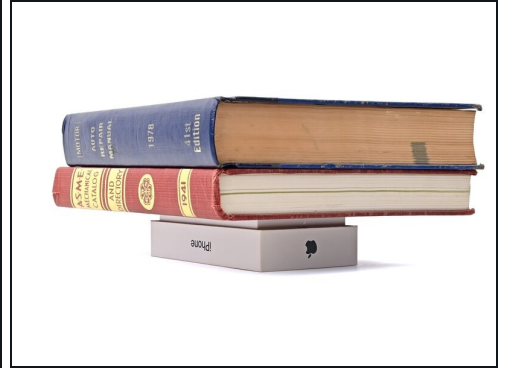
- Use a P2 pentalobe screwdriver to install the two 7 mm-long screws on either side of the charging port.

Step 66 — Heat the screen



- To help the adhesive bond, apply heat to the edges of the screen using a [hair dryer](#) or [heat gun](#) until it's hot to the touch.
- If you have [screen vise clamps](#), use them to strengthen the bond of the new adhesive. If not, keep reading for more ways to secure the screen.

Step 67 — Press the back glass



- ① To evenly compress the iPhone and strengthen the bond of the screen to the frame, you need to account for the camera bump.
- If you have the iPhone's original box, take the lid and place it on a flat surface.
 - If you don't have the original box, **skip this step for an alternate method.**
 - Place the iPhone screen-side-up in the lid of the box with the camera bump in its recess.
 - Find something close to the size of the iPhone, but taller than the sides of the box. Stack it on top of the iPhone, followed by a few heavy objects.
 - Leave the objects in place for at least thirty minutes, ideally overnight.

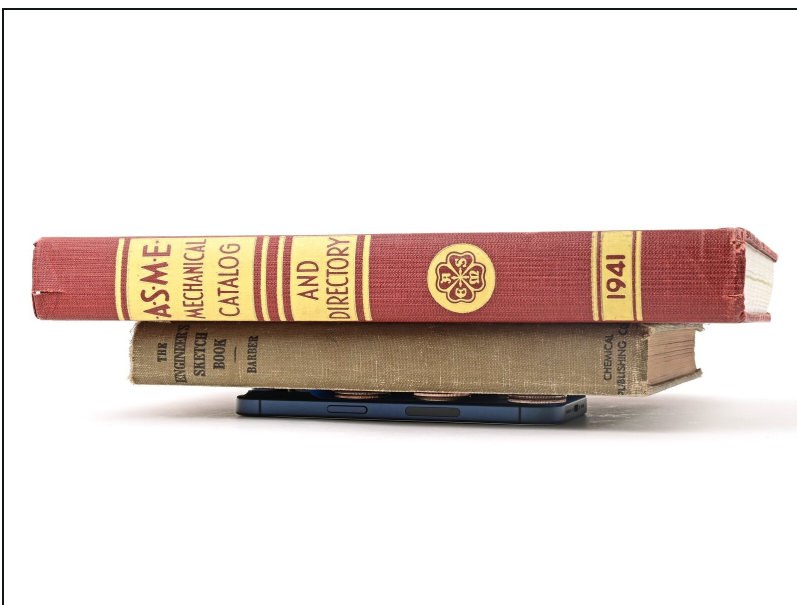
Step 68



① If you don't have the iPhone's original box, follow these two steps for another method to evenly compress the screen.

- Place the iPhone screen-side-down on a soft, flat surface.
- Apply tape to the back glass to protect its finish.
- Place three layers of coins or similarly thick objects on the tape along the edges of the back glass.
- Evenly distribute the coins and make sure they are at least as thick as the camera bump.

Step 69



- Stack multiple books or other heavy objects on your iPhone.
⚠ The coins may leave an impression on the bottom object, so don't use anything valuable.
- Leave the objects in place for at least thirty minutes, ideally overnight.

Congratulations on replacing the battery!

Depending on the replacement part, you may be able to [pair it using Apple's Repair Assistant](#), available as of iOS 18. Update your device, navigate to Settings → General → About → Parts & Service History, tap Restart & Finish Repair, and follow the onscreen prompts.

For optimal performance, [calibrate your newly installed battery](#) after completing this guide.

Take your e-waste to an [R2 or e-Stewards certified recycler](#).

Repair didn't go as planned? Try some [basic troubleshooting](#), or ask our [Answers community](#) for help.