



iPhone 16 Pro Screen Replacement

Follow this guide to replace a broken, cracked,...

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INTRODUCTION

Follow this guide to replace a broken, cracked, or non-responsive screen on your iPhone 16 Pro.

You'll need replacement screen adhesive to complete this repair.

Note: Since you can't disconnect the battery during this repair, be especially careful not to use metal prying tools or touch any exposed contacts in your iPhone.

After your repair, calibrate an authentic screen using Apple's [Repair Assistant](#).

TOOLS:

[Suction Handle](#) (1)
[Hair Dryer](#) (1)
[iOpener](#) (1)
[Heat Gun](#) (1)
[iFixit Opening Picks \(Set of 6\)](#) (1)
[P2 Pentalobe Screwdriver iPhone](#) (1)
[Tri-point Y000 Screwdriver](#) (1)
[Spudger](#) (1)
[Tweezers](#) (1)
[Isopropyl Alcohol \(90% or Greater\)](#) (1)
[Coffee Filters or a lint-free cloth](#) (1)
[Coin](#) (30)
[Heavy Books](#) (3)
[Packing Tape](#) (1)

PARTS:

[iPhone 16 Pro Screen](#) (1)
[iPhone 16 Pro Display Adhesive](#) (1)

Step 1 — Prepare your phone for disassembly



⚠ Allow your phone's battery to drain below 25%, as a charged lithium-ion battery is a potential safety hazard.

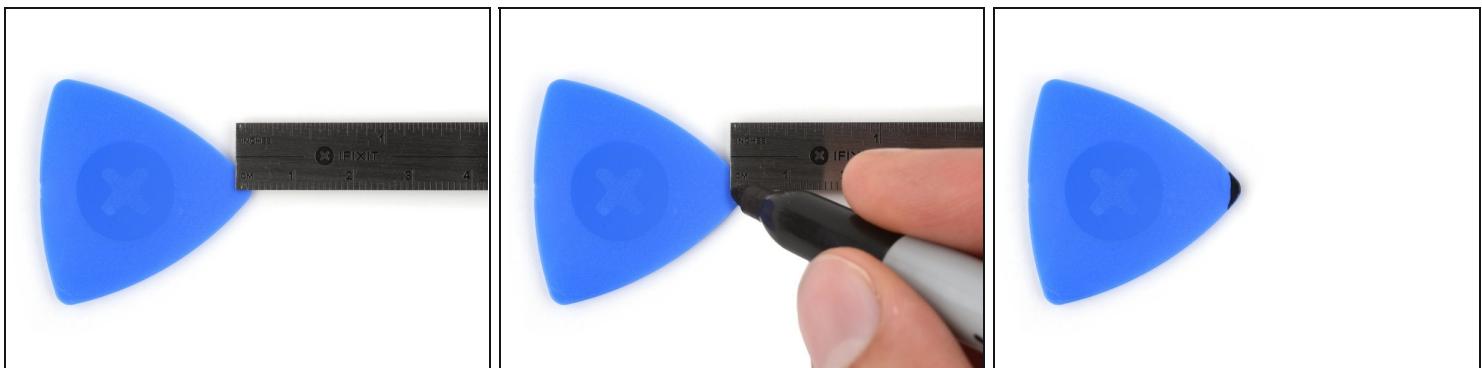
- Unplug any cables from your phone.
- Hold the power and either volume buttons and slide to power off your phone.

Step 2 — Tape over any cracks



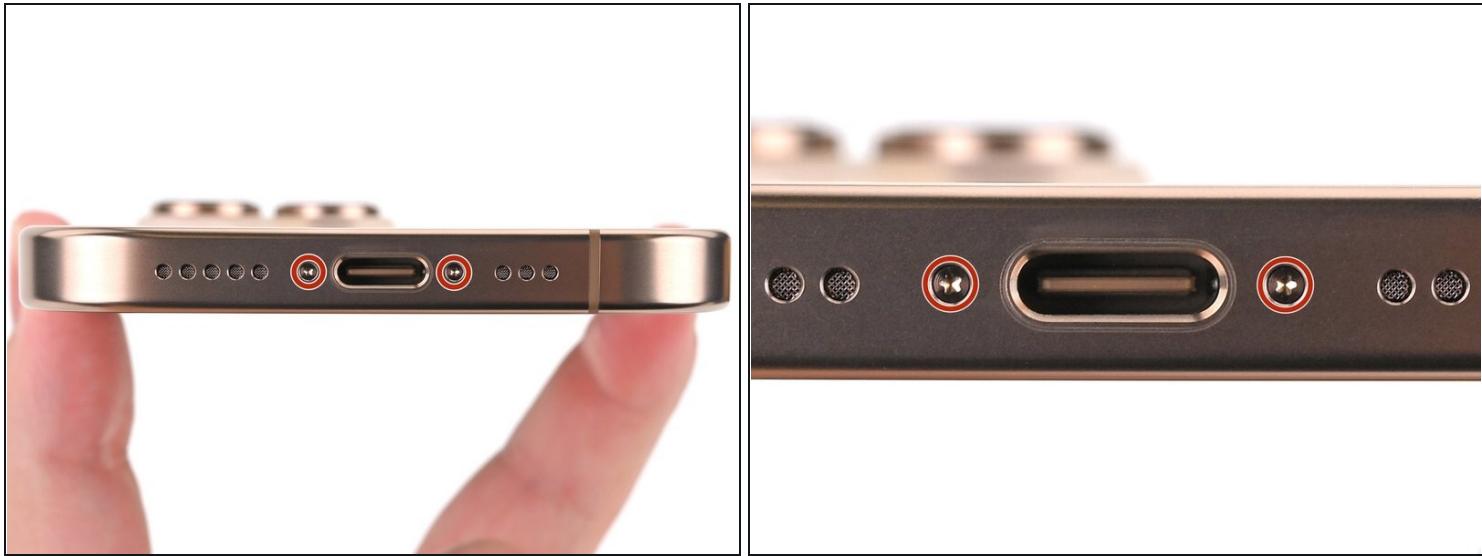
- If your screen or back glass is badly cracked, lay overlapping strips of packing tape over the glass to protect yourself and make disassembly easier.
- ⓘ Make sure there's a smooth area near the bottom edge that's big enough for a suction cup to stick to.

Step 3 — Mark your opening picks



- ⓘ 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.
 - ⓘ You can also mark the other corners of the pick with different measurements.
 - ⓘ 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 7.4 mm-long screws on either side of the USB-C port.

Step 5 — Create a gap with a suction handle



- The next two steps show how to create an initial gap using a suction handle.
- Use a [hair dryer](#) or [heat gun](#) to heat the bottom edge of the screen until it's hot to the touch.
- You can also use an [iOpener](#) to heat the screen. Follow [these instructions](#) to heat and apply the iOpener properly.

Step 6



- 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.
- ⓘ If you can't create a gap, apply more heat to the edge and try again.
- Insert the tip of an opening pick into the gap.

Step 7 — Screen information



⚠ As you slice the adhesive securing the screen in the following steps, don't insert your pick deeper than 3 mm to avoid damaging the following areas:

- Two delicate cables connecting the screen to the iPhone—one just above the Action button and the other about halfway along the left edge of the iPhone
- Multiple spring contacts around the perimeter of the iPhone

Step 8 — Slice the bottom edge adhesive



- Slide the opening pick along the bottom edge to release the adhesive.
⚠ Don't insert the pick deeper than 3 mm to avoid damaging the spring contacts.
- If the adhesive feels difficult to slice, reheat the edge for a minute.
- Leave the opening pick in the bottom-left corner to prevent the adhesive from resealing.

Step 9 — Heat the left edge



- Use a hair dryer or heat gun to heat the left edge of the screen until it's hot to the touch.

Step 10 — Separate the left adhesive



⚠ Don't insert your pick deeper than 3 mm to avoid damaging the spring contacts and cables.

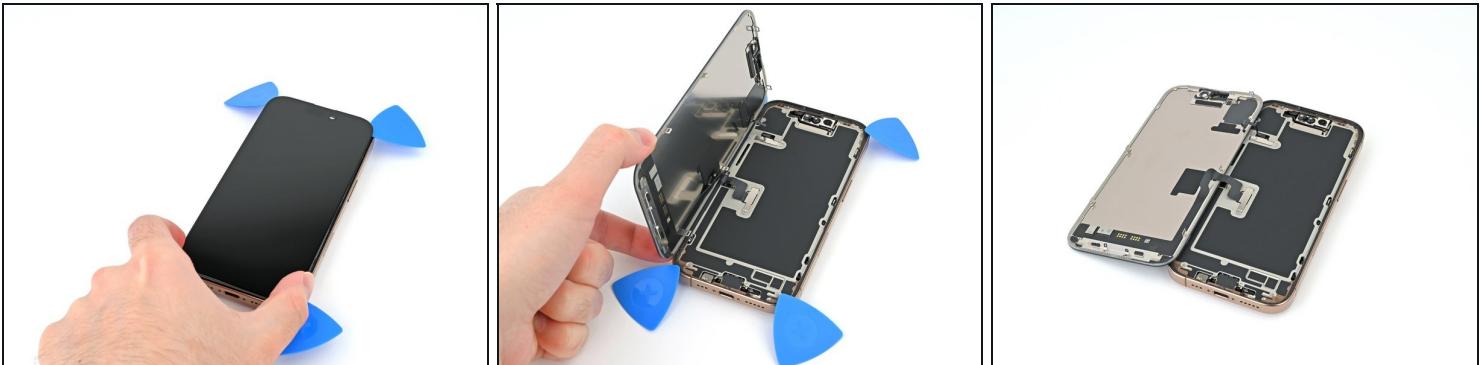
- Insert a second opening pick in the bottom-left corner, close to the existing pick.
- Slide the opening pick along the left edge of the screen to separate the adhesive and release the metal clips.
 - ⓘ You'll hear and feel the metal clips release as you pass them.
- Leave the opening pick in the top-left corner to prevent the adhesive from resealing.

Step 11 — Separate the remaining adhesives



- Repeat the heating and slicing procedure along the remaining screen edges.

Step 12 — Swing open the screen



- ⓘ At this point, the screen should be free from the frame. If the screen feels stuck, go back around the perimeter with your pick and carefully check for missed sections of adhesive or stuck clips.
 - Carefully lift the screen upwards until the clips along the long edges clear the frame.
 - Swing open the screen over the **left edge** of the iPhone and lay it flat on your work surface.
- ☞ During reassembly, [use this guide](#) to reapply adhesive and install your new screen.
- ⚠ Be careful not to damage any of the [spring contacts](#) as you clean the frame.

Step 13 — Remove the connector covers



- Use a tri-point Y000 driver to remove the two 1.3 mm-long screws securing the front sensor and display connector covers.

Step 14



- Use tweezers to grasp the front sensor connector cover near the screw hole.
- Lift and remove the cover.

Step 15



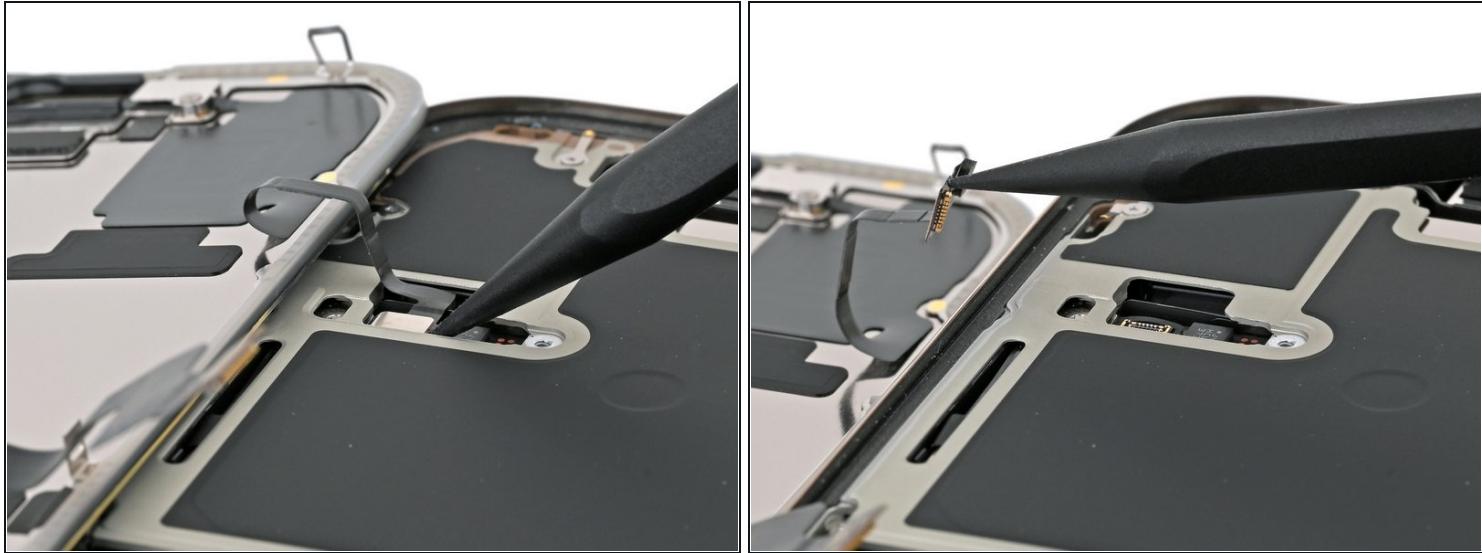
- Repeat this process for the other cover.
- During reassembly, tuck each cover's tab under its frame cutout, then attach the screw to secure the cover.

Step 16 — Disconnect the screen



- Use the tip of a spudger to pry up and disconnect the display [press connector](#).

Step 17



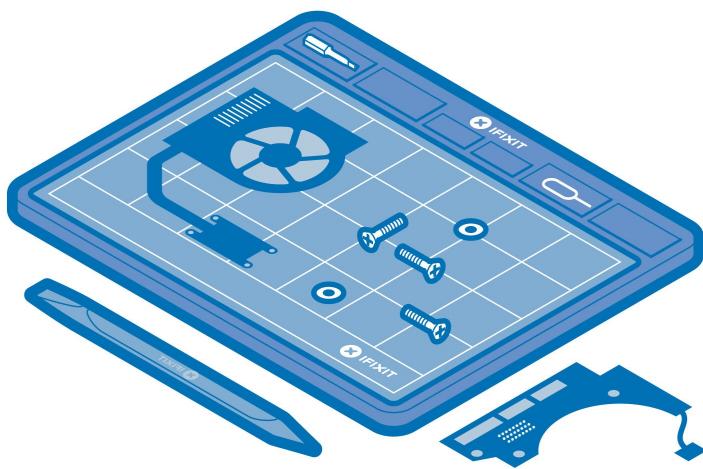
- Repeat this process for the front sensor press connector.
- ☞ During reassembly, align the connector carefully over its socket and press down with your fingertip—first on one side, then the other—until it clicks into place. Don't try to force the connector into place. If you're having trouble, reposition it and try again.

Step 18 — Remove the screen



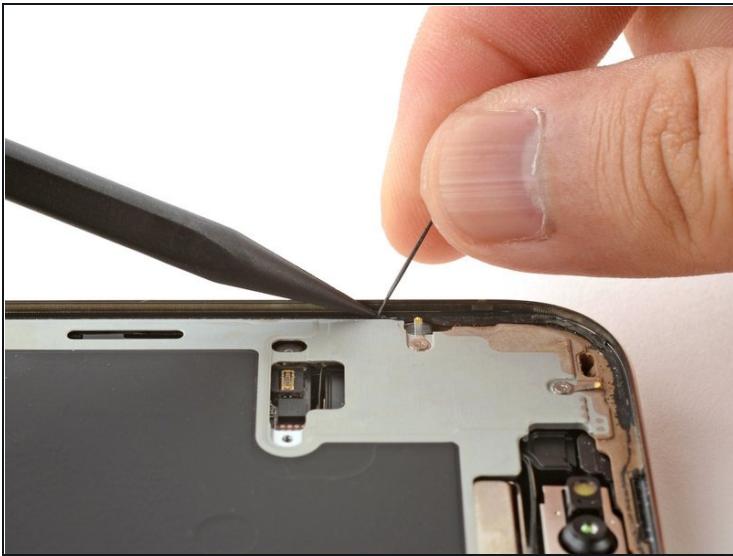
- Remove the screen.

Step 19 — Disassembly complete



- ⓘ Congratulations on completing disassembly! **The remaining steps will show how to reassemble your iPhone.**
- ⓘ Depending on your iPhone model, some reassembly photos may have minor visual discrepancies. The procedure, however, will be correct for your iPhone.

Step 20 — Remove the adhesive and its residue



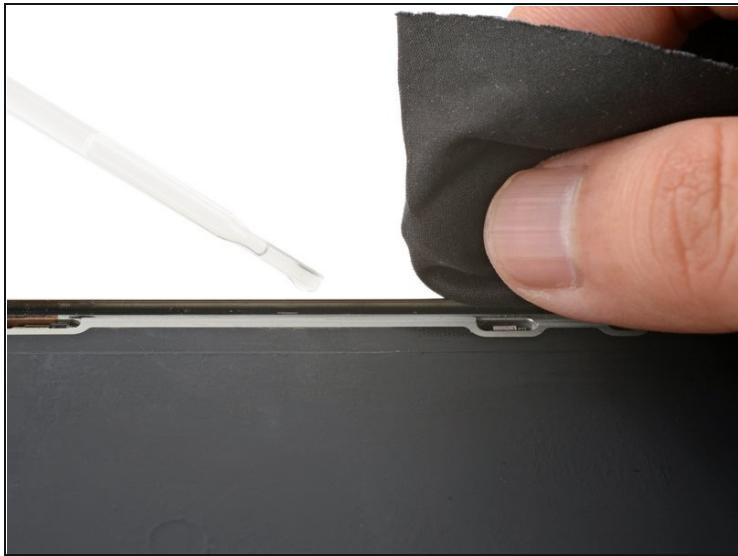
- Use a spudger or tweezers to remove the adhesive chunks from the iPhone's frame.
⚠ Work around the fragile grounding clips. If you bend one out of place, gently bend it back with your fingers or tweezers.

Step 21



- If you're reinstalling your existing screen, be sure to remove any remaining adhesive from the back of your screen as well.

Step 22



- Using a lint-free cloth (or coffee filter) and some high concentration (>90%) isopropyl alcohol, clean the areas of the frame and screen where you removed the old adhesive.
- For best results, swipe your cleaning cloth in one direction, not back and forth.

⚠ Work around the fragile grounding clips. If you bend one out of place, gently bend it back with your fingers or tweezers.

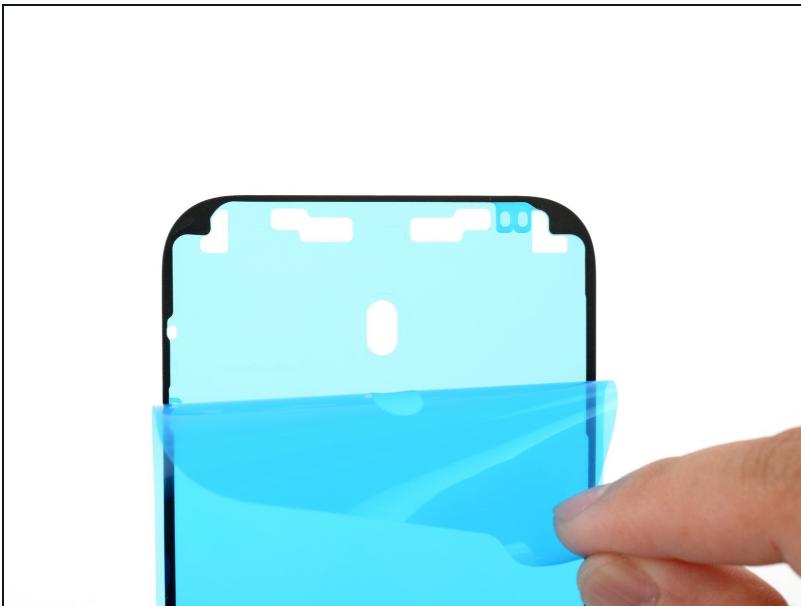
i Take your time doing this. A clean frame allows replacement adhesive to lay evenly, ensuring a better bond.

Step 23 — Apply the replacement adhesive



- Lay the adhesive sheet over the frame to determine its proper orientation.
(i) Use features such as the camera cutout to visualize how the adhesive will lay in the frame.

Step 24



- Grasp the tab in the corner of the adhesive sheet and peel the liner to expose **a third** of the adhesive.
⚠ The exposed adhesive is very sticky. Don't let it touch anything until you're ready to apply it to the frame.

- (i)* If your adhesive has multiple liners, peel the liner that exposes the side that sticks to the frame.

Step 25



- Carefully align the exposed edge of the adhesive strip with the corresponding edge of your iPhone's frame.
⚠️ Once the adhesive is pressed into place, you can't reposition it—you'll have to remove it and start over with new adhesive.
- When it's correctly aligned, gently press the exposed adhesive strip into place.

Step 26



- Continue peeling away the liner from the adhesive, gently pressing the adhesive into place.
 - ⓘ If you've correctly aligned the adhesive, the edges will fall perfectly into place.
 - ⓘ If your adhesive is slightly misaligned, pull the long edges into alignment with the frame.
 - ⓘ If the adhesive begins to crease or wrinkle, remove it and start over with fresh adhesive.
 - ⓘ If you don't have another set of adhesive strips handy, it's okay to temporarily put your iPhone back together and use it normally without any adhesive. Just keep in mind that your iPhone's water resistance will be compromised until you replace the adhesive.

Step 27



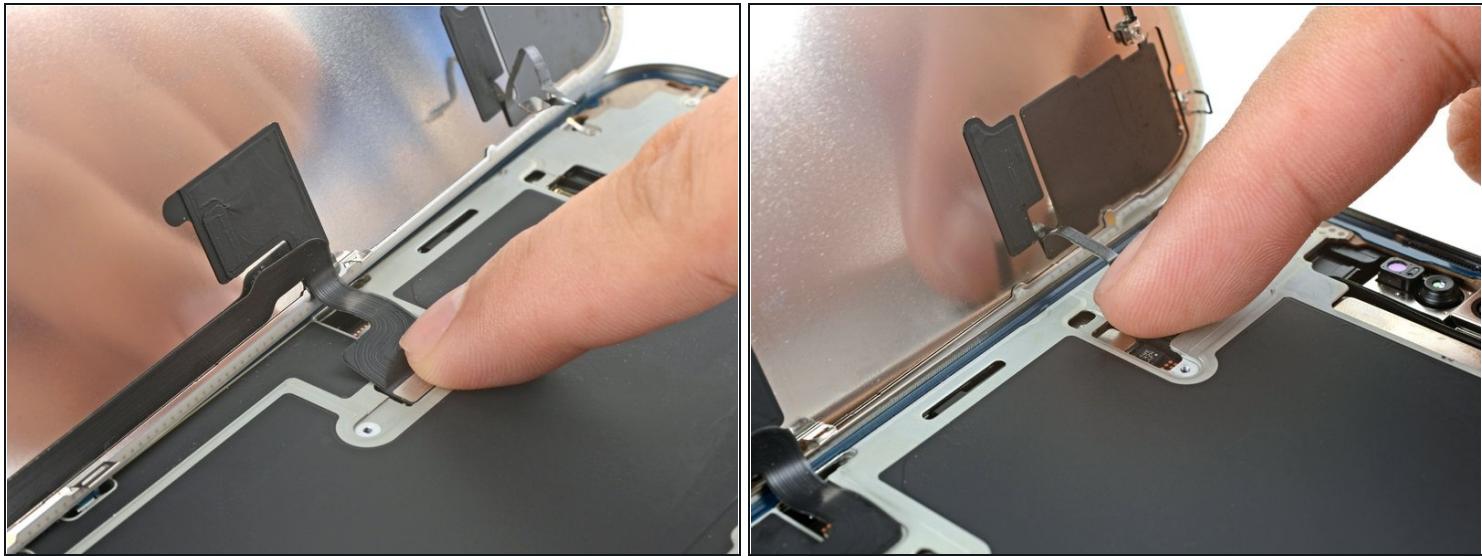
- Use a spudger to press the adhesive around the entire perimeter of your iPhone.
⚠ Work around the fragile grounding clips. If you bend one out of place, gently bend it back with your fingers or tweezers.
- ⓘ Don't press too hard, or you'll stretch and deform the adhesive.

Step 28



- Use a spudger or your fingers to lift the pull tab connected to the large front liner—the pull tab is often in a corner of the liner.
- Use the pull tab to peel off the large front liner from the adhesive.
- ⓘ At this point, you may still have [liners covering the perimeter](#), which prevent the adhesive from accidentally sticking to anything while you're reassembling your iPhone. **Don't remove these small release liners just yet.**

Step 29 — Reconnect the screen



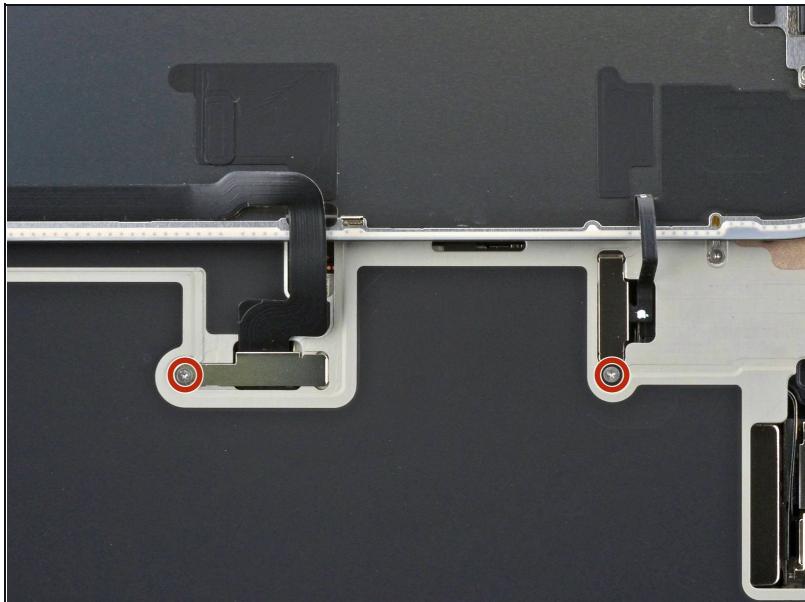
- Use your finger to press down and connect the display connector.
(i) To re-attach [wide press connectors](#) like this one, carefully align and press down on one side until it clicks into place, then repeat on the other side. Don't press down in the middle. If the connector is misaligned, the pins can bend, causing permanent damage.
 - Press down and connect the front sensor connector.
(i) Align the connector carefully over its socket and press down with your fingertip until it clicks into place. Don't try to force the connector into place. If you're having trouble, reposition it and try again.
- (i)* **This is a good time to power on your iPhone and test all functions before you seal it up.** Be sure to power your iPhone back down completely before you continue.
- (i)* If your iPhone doesn't turn on, connect it to a power source and try again.

Step 30 — Install the connector covers



- Tuck the display connector cover's tab into its frame cutout and lay the cover in place.
- Repeat with the front sensor connector cover.

Step 31



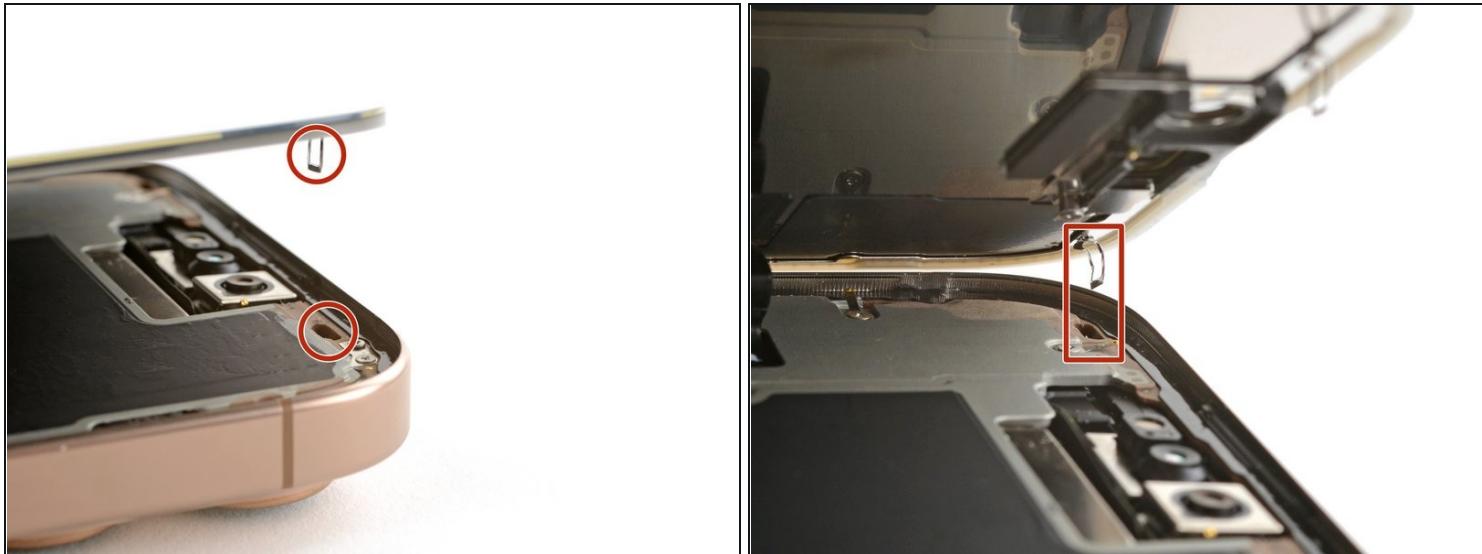
- Use a tri-point Y000 driver to install the two 1.3 mm-long screws securing the two connector covers.

Step 32 — Remove the final liners



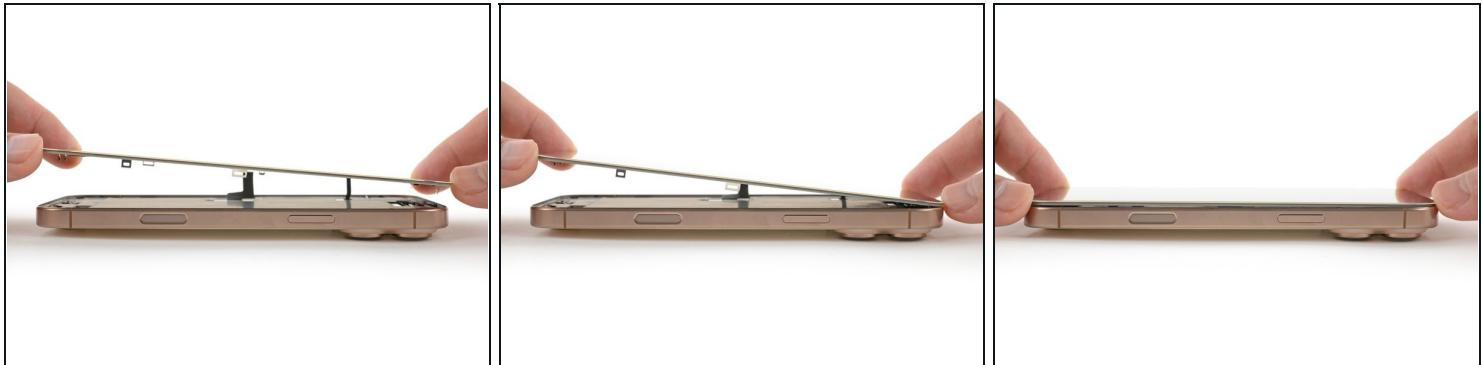
- While supporting the screen, use your fingers or a spudger to peel away all perimeter liners, exposing the adhesive.
- ⚠ Be careful not to touch the exposed adhesive.**
- Check the frame and screen for any stray liners and remove them. There should be no liners remaining.

Step 33 — Install the screen onto the frame



- Carefully align the screen's top clips with their frame cutouts.

Step 34



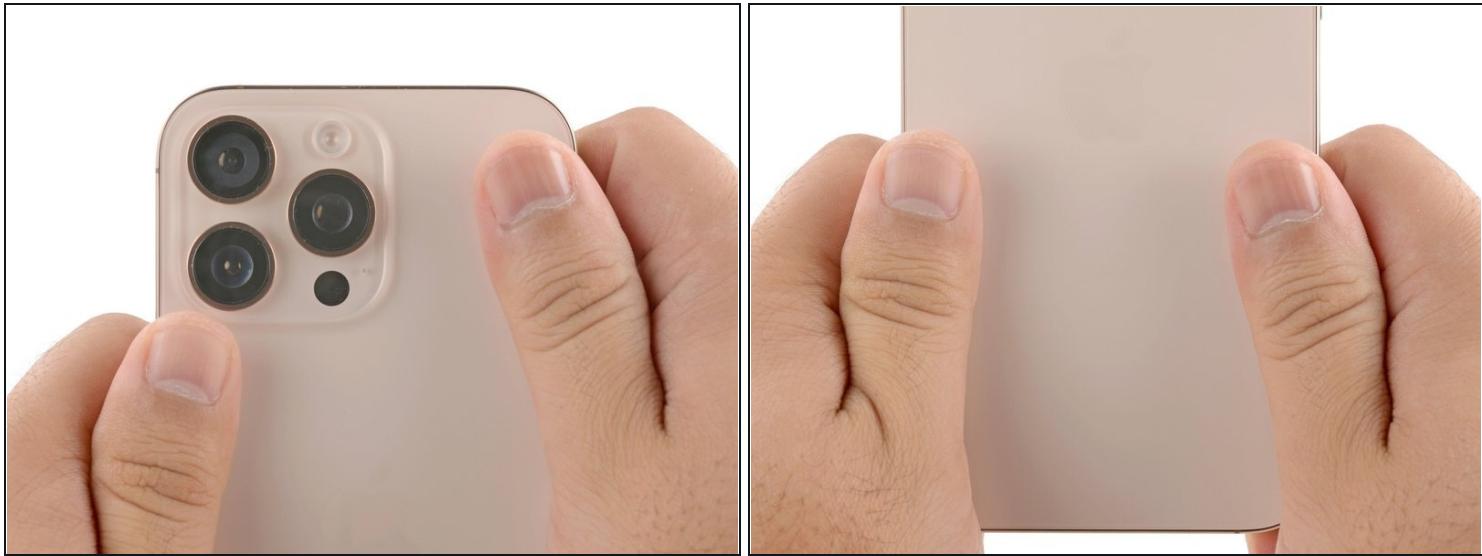
- Lower the screen onto the frame, beginning with the top edge.
⚠ If you feel resistance, a perimeter clip may have bent out of place and is being crushed by the frame. Look at the point of resistance and gently straighten any bent clips.
- *i* Make sure the screen edge isn't pinching any cables.

Step 35 — Apply heat to the perimeter



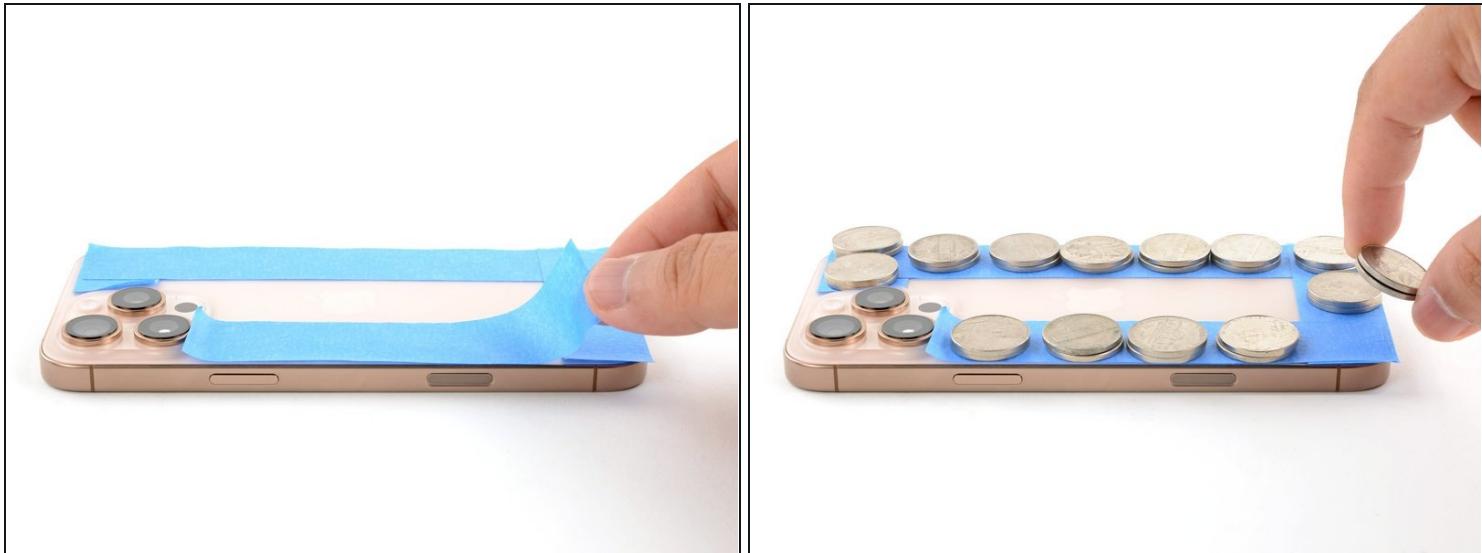
- Use a [hair dryer](#), [heat gun](#), or an [iOpener](#) to heat the screen perimeter until it's slightly too hot to touch.
i The heat softens the adhesive and helps create a better bond.

Step 36 — Apply pressure to the perimeter



- Use your fingers to firmly squeeze around the perimeter of the iPhone.

Step 37



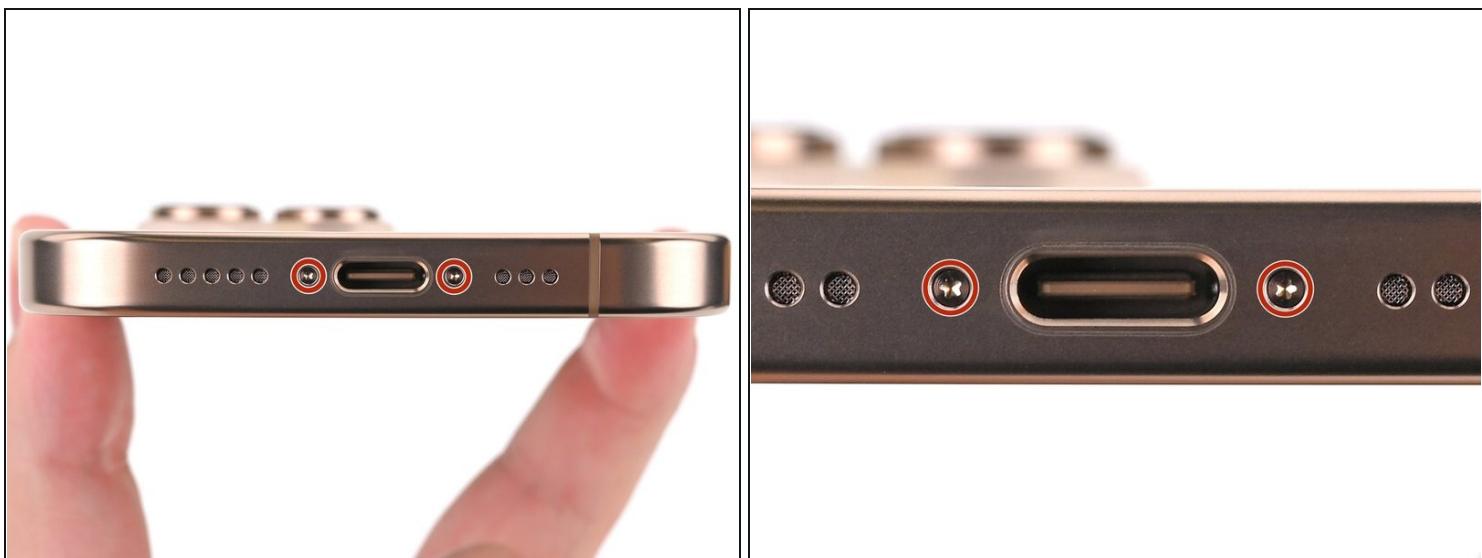
- Place your iPhone screen-side down on a clean, flat work surface.
 - Lay a strip of tape around the perimeter of the back glass to protect the finish.
 - Stack coins around the perimeter of the back glass until you create a wall that's as tall as the rear camera protrusions.
- ⓘ Alternatively, you can use [vise clamps](#) around the perimeter of your device to set the new adhesive.

Step 38



- Place 3-4 heavy books squarely on top of your iPhone.
⚠ The coins may leave a slight impression on the bottom book cover, so don't use anything valuable.
- Leave the books in place for about 30 minutes.
ℹ The pressure will help activate the adhesive.

Step 39 — Install the pentalobe screws



- Use a P2 pentalobe screwdriver to install the two 7.4 mm-long screws on either side of the USB-C port.

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

After your repair, calibrate a genuine replacement screen [using Apple's Repair Assistant](#). Navigate to Settings → General → About → Parts & Service History, tap Restart & Finish Repair, and follow the onscreen prompts.

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 [iPhone 16 Pro Answers community](#) for help.