



iPhone 5s Home Button Replacement

Replace the home button in an iPhone 5s.

Written By: Dozuki System



INTRODUCTION

Use this guide to replace the home button assembly in your iPhone 5s. Please note that only the phone's original home button assembly will be capable of using the Touch ID functionality. **Installing a new home button will only restore ordinary home button functions, not the Touch ID features.**

[video: <https://www.youtube.com/watch?v=jNfKXzlzip4>]



TOOLS:

- [P2 Pentalobe Screwdriver iPhone](#) (1)
- [iSlack](#) (1)
- [Plastic Opening Tools](#) (1)
- [Small Suction Cup](#) (1)
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Tweezers](#) (1)

Step 1 — iPhone 5s Home Button Replacement



- If your display glass is cracked, keep further breakage contained and prevent bodily harm during your repair by taping the glass.
- Lay overlapping strips of clear packing tape over the iPhone's display until the whole face is covered.
 - ⓘ This will keep glass shards contained and provide structural integrity when prying and lifting the display.

⚠ Wear safety glasses to protect your eyes from any glass shaken free during the repair.

Step 2



- ⓘ Power off your iPhone before beginning disassembly.
- Remove the two 3.9 mm Pentalobe screws next to the Lightning connector.

Step 3 — iSclack Opening Procedure



i The next two steps demonstrate using the , a great tool for safely opening the iPhone 5s that we recommend for anyone doing more than one repair. **If you aren't using the iSclack, skip to step 5.**

- Close the handle on the iSclack, opening the suction-cup jaws.
- Place the bottom of your iPhone in between the suction cups, against the plastic depth gauge.
 - The top suction cup should rest just above the home button.
- Open the handles to close the jaws of the iSclack. Center the suction cups and press them firmly onto the top and bottom of the iPhone.

Step 4



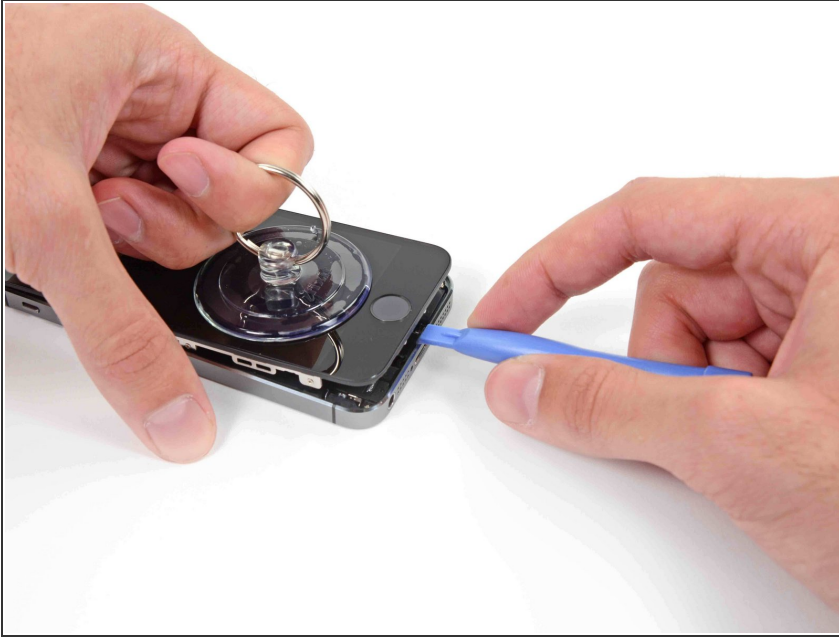
- Hold onto your iPhone securely and close the handle of the iSclack to separate the suction cups, pulling the front panel up from the rear case.
- The iSclack is designed to safely open your iPhone just enough to separate the pieces, but not enough to damage the home button cable.
- ⓘ Peel the two suction cups off your iPhone.
- **Skip the next three steps and continue on step 8.**


Step 5 — Manual Opening Procedure




- If you don't have an iSlack, use a single suction cup to lift the front panel:
- Press a suction cup onto the screen, just above the home button.
- ⓘ Be sure the cup is completely on the screen to get a tight seal.


Step 6



 The front panel is attached with clips, and there are several ribbon cables connecting it to the rest of the phone. Your goal here is to release the clips and **open the phone only enough to disconnect the cables**. Go slowly and carefully to avoid damage.


 Make sure the suction cup is firmly attached to the front panel assembly near the home button.

- While holding the iPhone down with one hand, pull up on the suction cup to slightly separate the home button end of the front panel from the rear case.
- With a plastic opening tool, gently pry the edges of the rear case down, away from the front panel assembly, while you pull up with the suction cup.

 Take your time and apply firm, constant force. The 5s front panel assembly is a much tighter fit than most devices.

Step 7




 Do not try to completely remove the front panel assembly from the rear case, as there are several ribbon cables still attached at the top of the iPhone.

- Pull the plastic nub to release the vacuum seal on the suction cup.
- Remove the suction cup from the display assembly.

Step 8



- Open the phone just enough to reveal the metal bracket covering the home button cable.


 Do not open the phone too far or you risk damaging the home button cable, or the socket it plugs into. **Keep the cable loose—if it is stretched taut, that's too far.**

- Only the phone's original home button assembly will be capable of using the Touch ID functionality. **If you rip the cable, installing a new home button will only restore ordinary home button functions, not the Touch ID features.**
- Use the tip of a spudger to push the bracket free and remove it with tweezers.

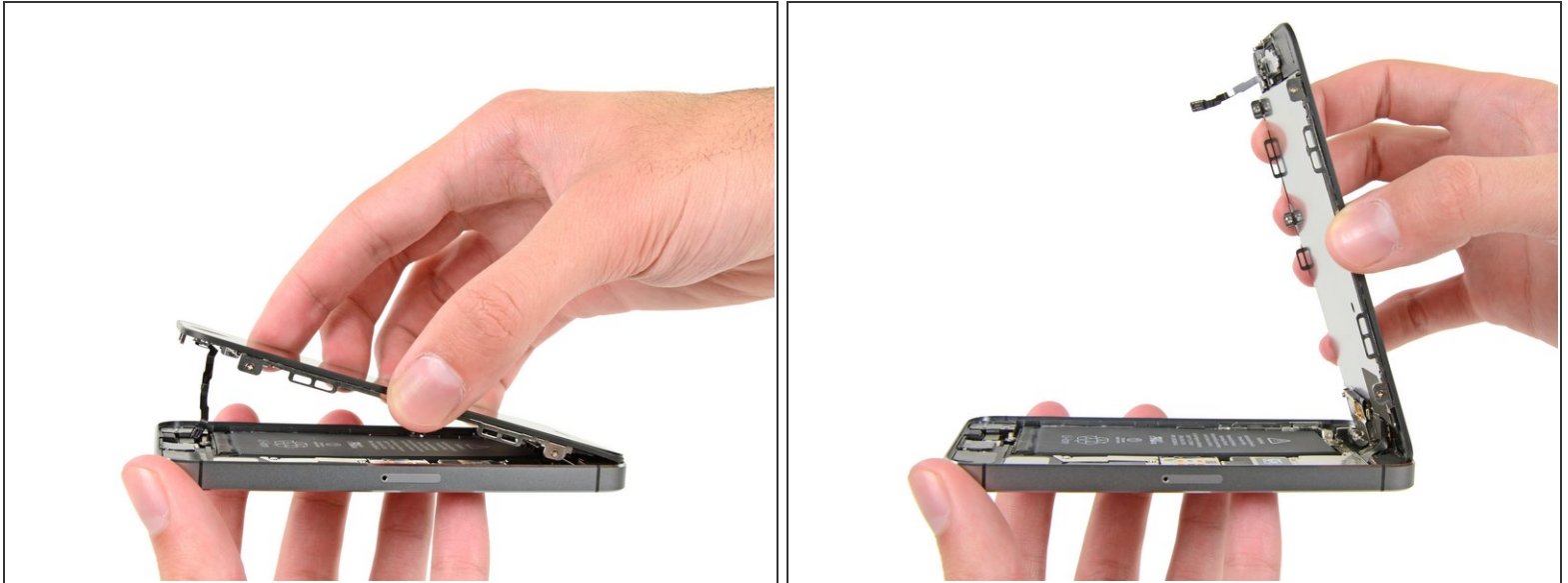
Step 9



- Use the tip of a spudger to pry the home button cable connector up out of its socket.

 Be sure you're separating the cable connector from its socket, and not prying the entire socket up. The socket is on its own glued-down cable that can be pried up if you aren't careful.

Step 10



- Once the connector has been released, pull the home button end of the assembly away from the rear case, using the top of the phone as a hinge.
- ⓘ During the next few steps, until you remove the front panel assembly, keep it supported at a 90° angle in relation to the rear case.

Step 11



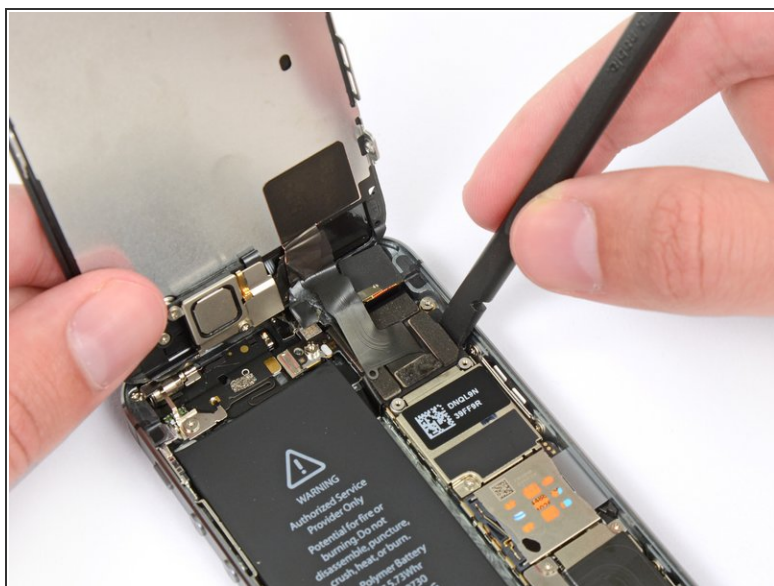
- Remove the following screws securing the front panel assembly cable bracket to the logic board:
 - Two 1.7 mm Phillips #000 screws
 - One 1.2 mm Phillips #000 screw
 - One 1.3 mm Phillips #000 screw
 - ⓘ This 1.3 mm screw tends to not be attracted to a magnetized screwdriver. Take care not to lose it when removing.
- ⚠ It is especially important to keep track of your screws in this step for reassembly. Accidentally using the 1.3 mm screw or one of the 1.7 mm screws in the bottom right hole will result in significant damage to the logic board causing the phone to no longer boot properly.
- ⚠ Be careful not to over-tighten the screws. If they don't fit easily when you are securing them, they may be the wrong size, don't force them

Step 12



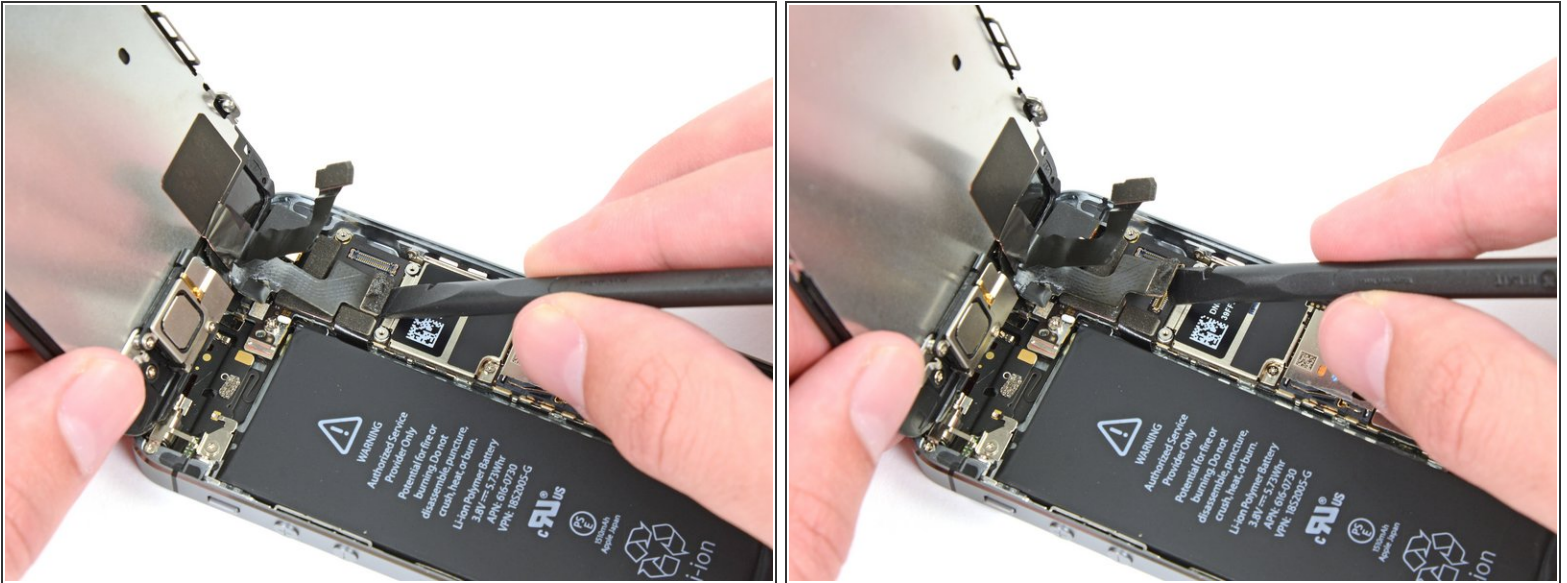
- Remove the front panel assembly cable bracket from the logic board.

Step 13



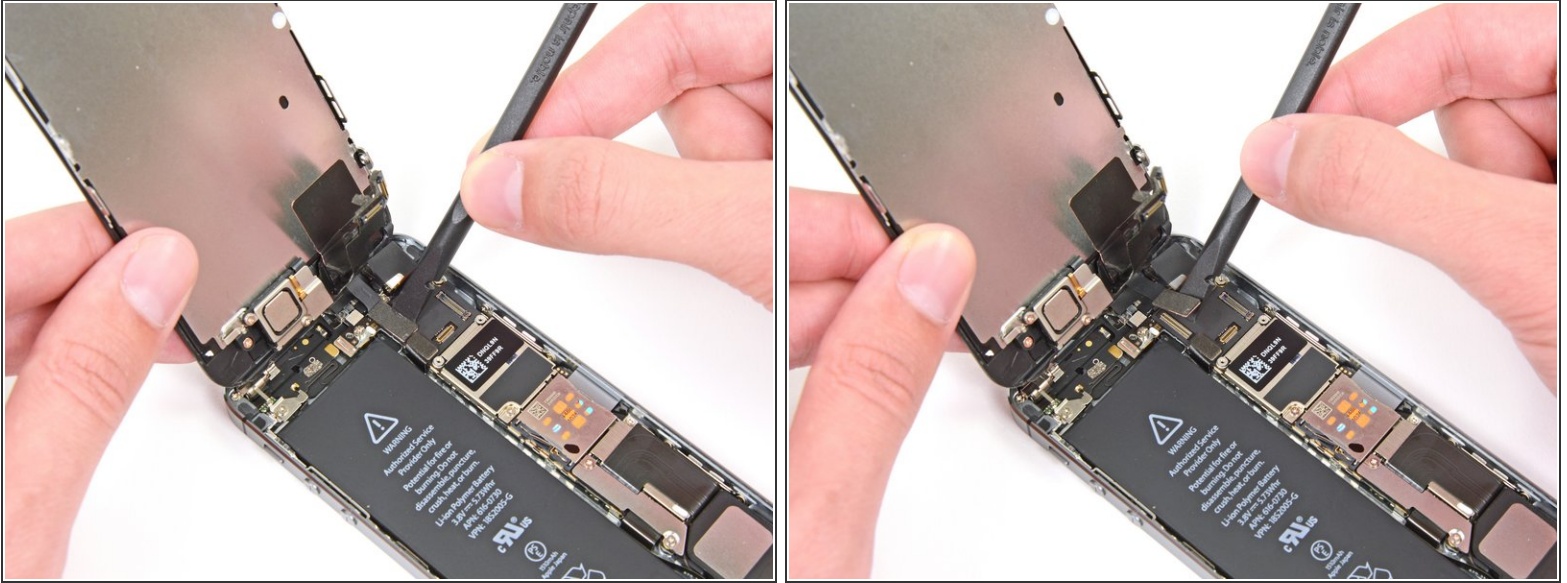
- Use the flat end of a spudger to disconnect the front-facing camera and sensor cable.

Step 14



- While still supporting the front panel, disconnect the digitizer cable connector.

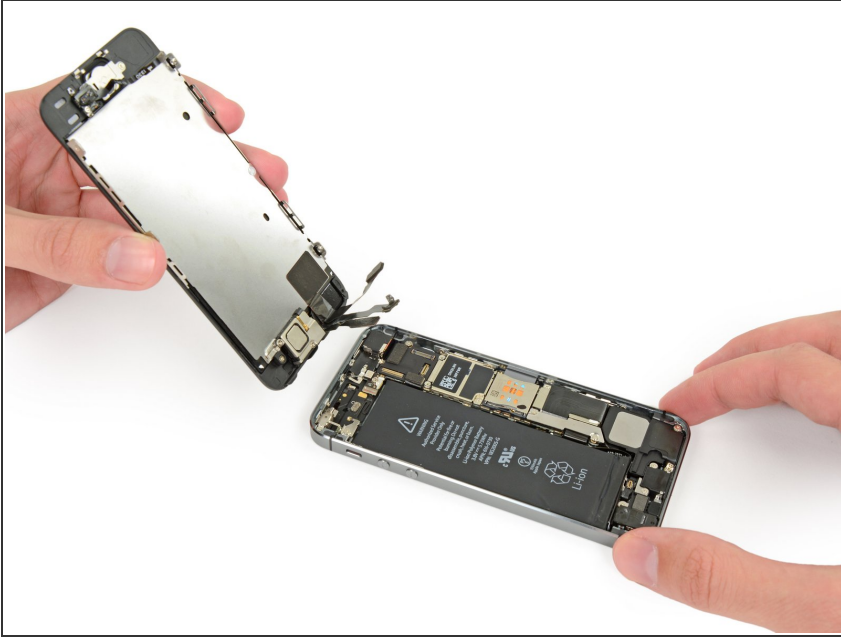
Step 15



- Finally, disconnect the LCD cable connector.

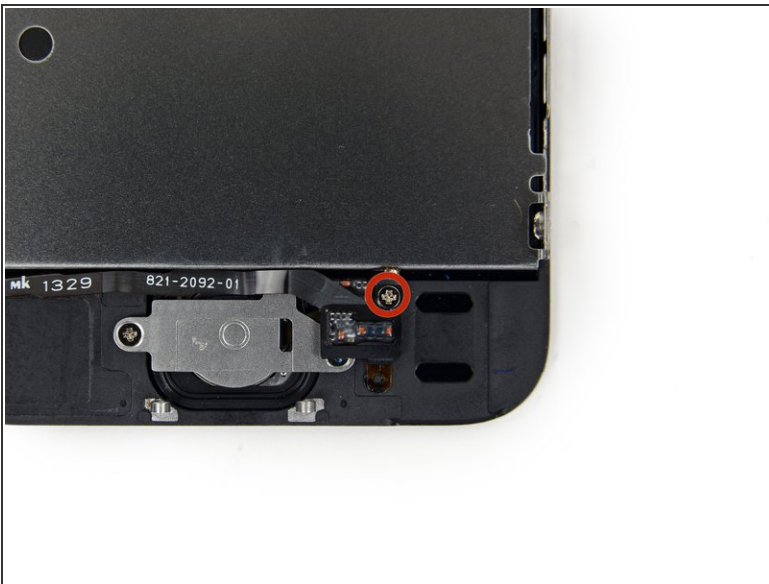
⚠ When reassembling your phone, the LCD cable may pop off the connector. This can result in white lines or a blank screen when powering your phone back on. If that happens, simply reconnect the cable and power cycle your phone. The best way to power cycle your phone is to disconnect and reconnect the battery.

Step 16



- Remove the front panel assembly from the rear case.

Step 17



- Unscrew the single captive Phillips #000 screw securing the home button cable.
- ☞ The captive screw is fastened to the home button cable by a spring contact backing. During reassembly, ensure the contact is in the correct orientation—on the side of the screw nearest the LCD.

Step 18



- Fold the home button cable down, out of the way of the home button bracket.

Step 19



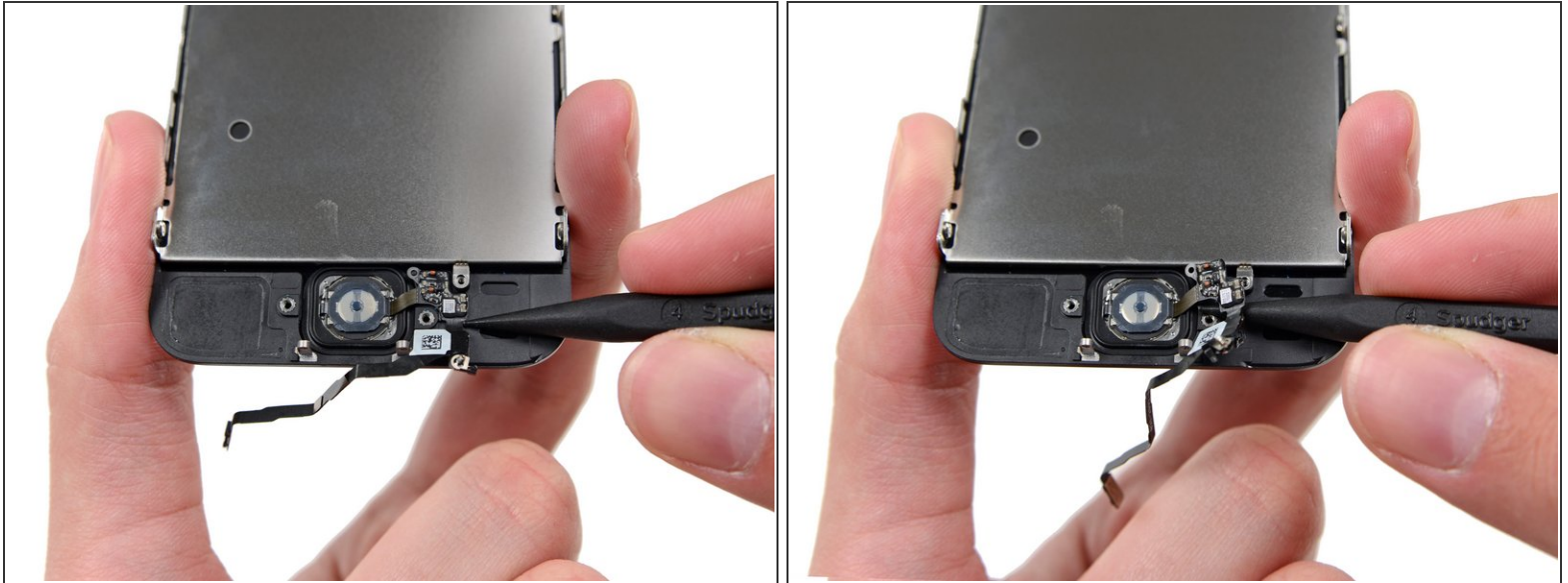
- Remove the two 1.4 mm Phillips #000 screws from the home button bracket.

Step 20



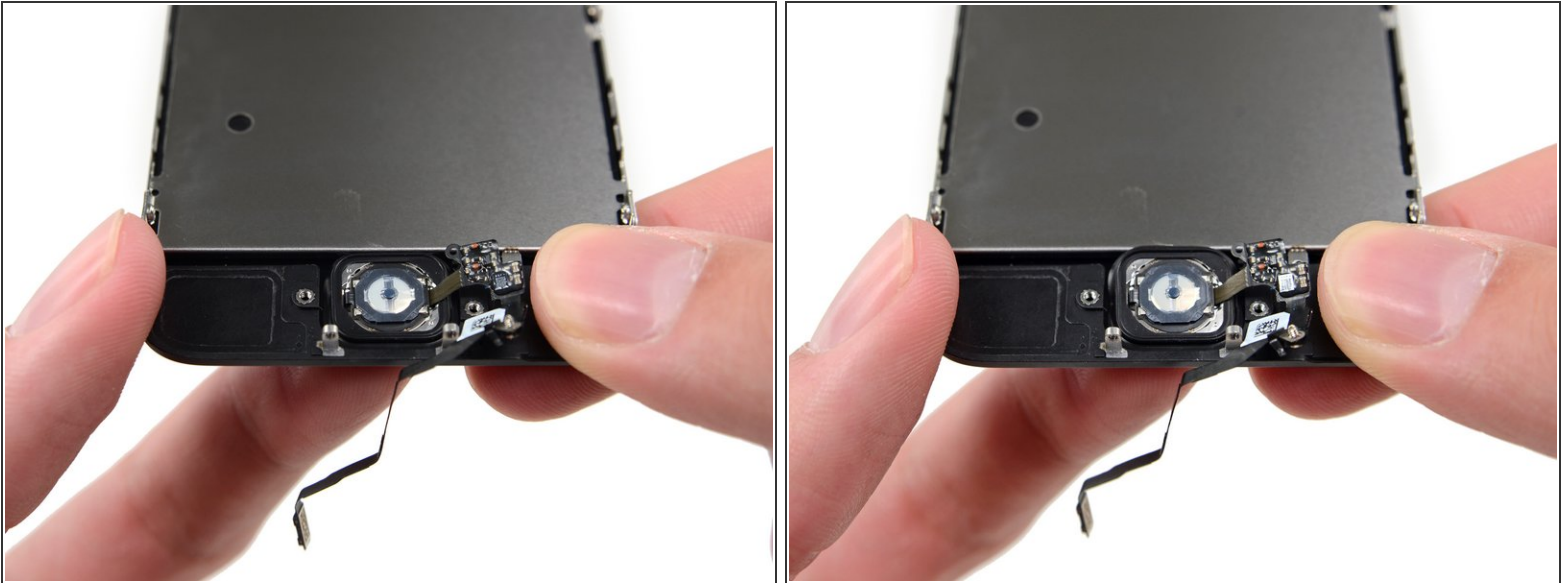
- Remove the home button bracket from the display assembly.

Step 21



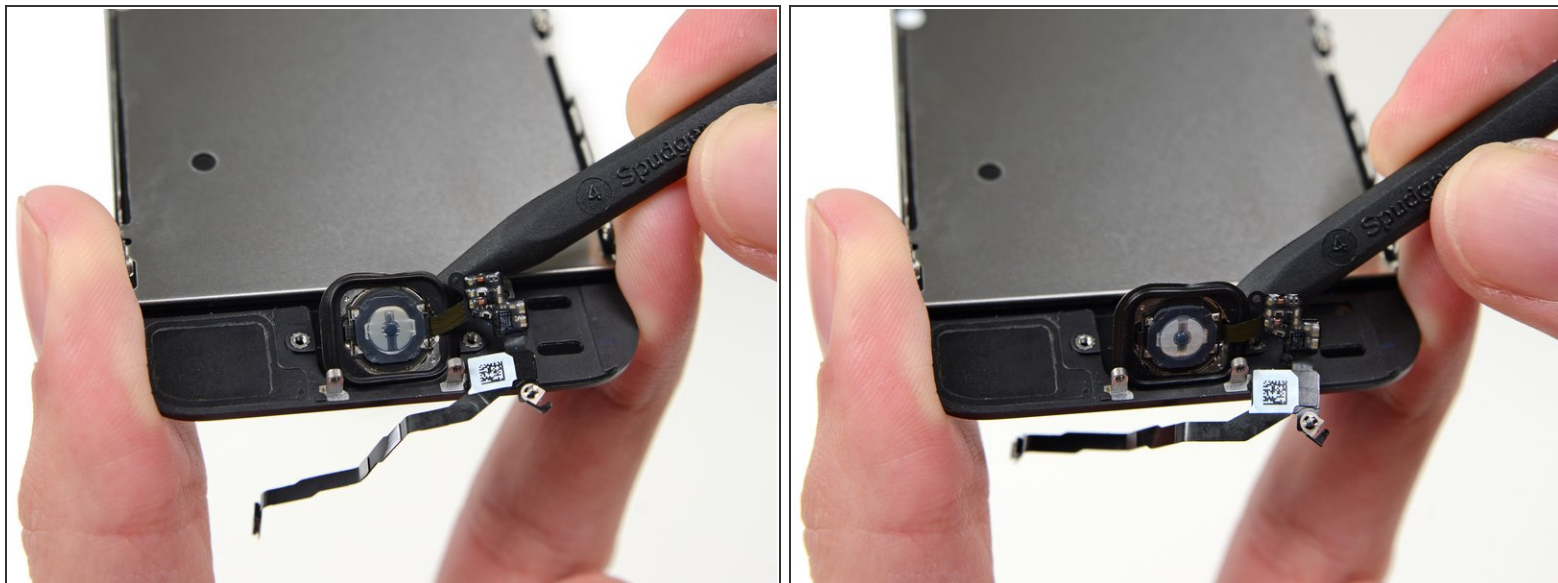
- Wedge the the tip of a spudger underneath the home button cable assembly.
 - ⓘ The home button cable is affixed by mild adhesive.
 - Gently work the spudger underneath the cable to separate the home button cable from the front panel assembly.
- ⚠ Do **not** remove the home button yet, as it is still attached to the front panel assembly.

Step 22



- ✦ If necessary, remove the tape over the home button on the front side of your cracked front panel assembly.
 - Gently push the top left corner of the home button up away from the front panel.
- ⚠ Do **not** push the home button all the way through—you only need to get a corner free, so that you can pry it free with a spudger.
- ℹ This membrane is very thin. If you feel like you're going to tear the button, apply heat and try again.

Step 23



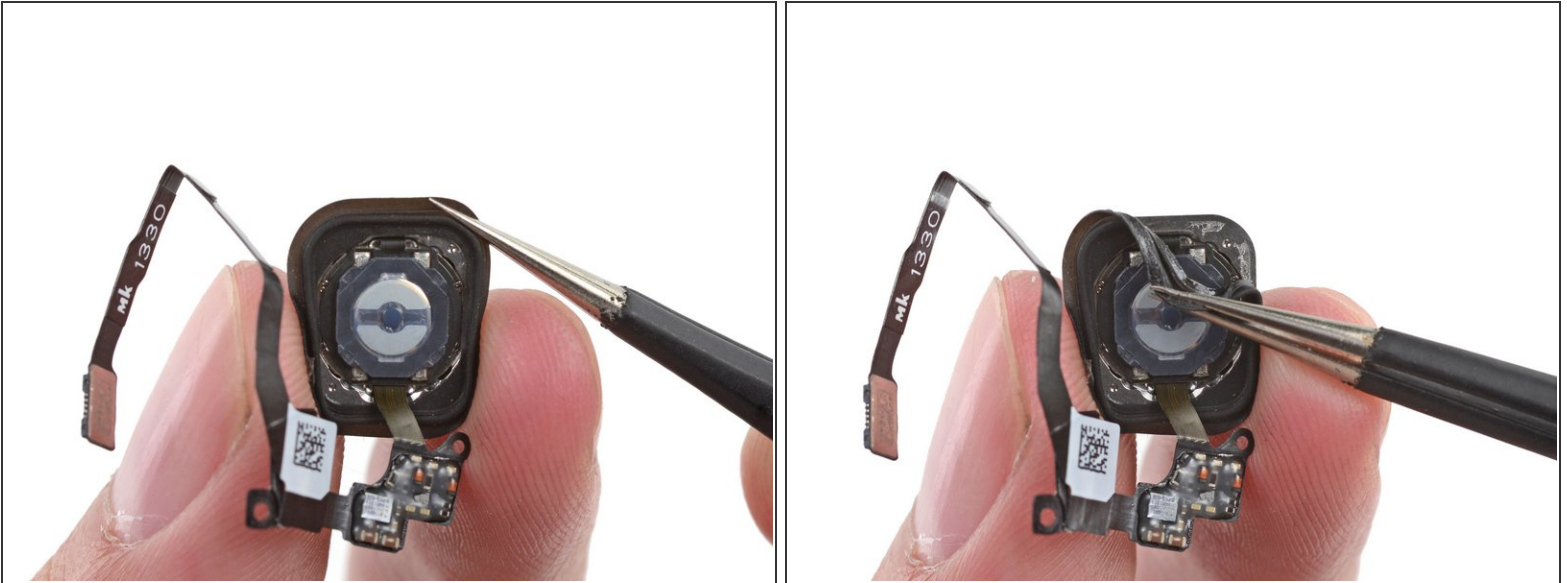
- Peel the home button the rest of the way off of the display by prying gently with a spudger.

Step 24



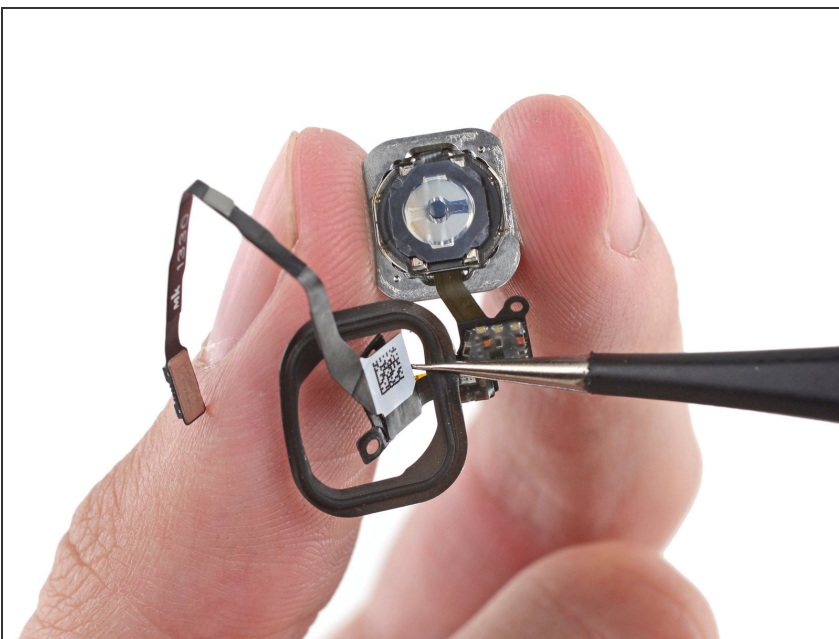
- Remove the home button assembly from the front panel.

Step 25



- ✦ You may have to transfer the home button gasket to your replacement home button assembly.
 - Using a set of tweezers, gently peel the gasket off of the home button.
- ⚠ The gasket is **very** thin; if you feel it begin to tear, stop peeling and apply heat before proceeding.

Step 26



- Thread the gasket off of the ribbon cable.
- ⓘ Removing the gasket over the home button risks stretching or cutting the thin gasket.

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