



iPhone 6s Display Replacement

Replace a broken screen on an iPhone 6s.

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INTRODUCTION

This guide is retained solely for historical purposes. Use the updated version of the guide to perform your repair. **You can find the updated version of this guide [here](#).**

TOOLS:

- [P2 Pentalobe Screwdriver iPhone](#) (1)
- [Suction Handle](#) (1)
- [Spudger](#) (1)
- [Phillips #000 Screwdriver](#) (1)

PARTS:

- [iPhone 6s LCD and Digitizer](#) (1)
- [iPhone 6s Front Panel Assembly Cable Bracket](#) (1)
- [iPhone 6s LCD Screen and Digitizer Full Assembly](#) (1)

Step 1 — Battery Connection



- ⚠ Power off your iPhone before beginning disassembly.
- Remove the two 3.4 mm Pentalobe screws surrounding the Lightning connector.

Step 2



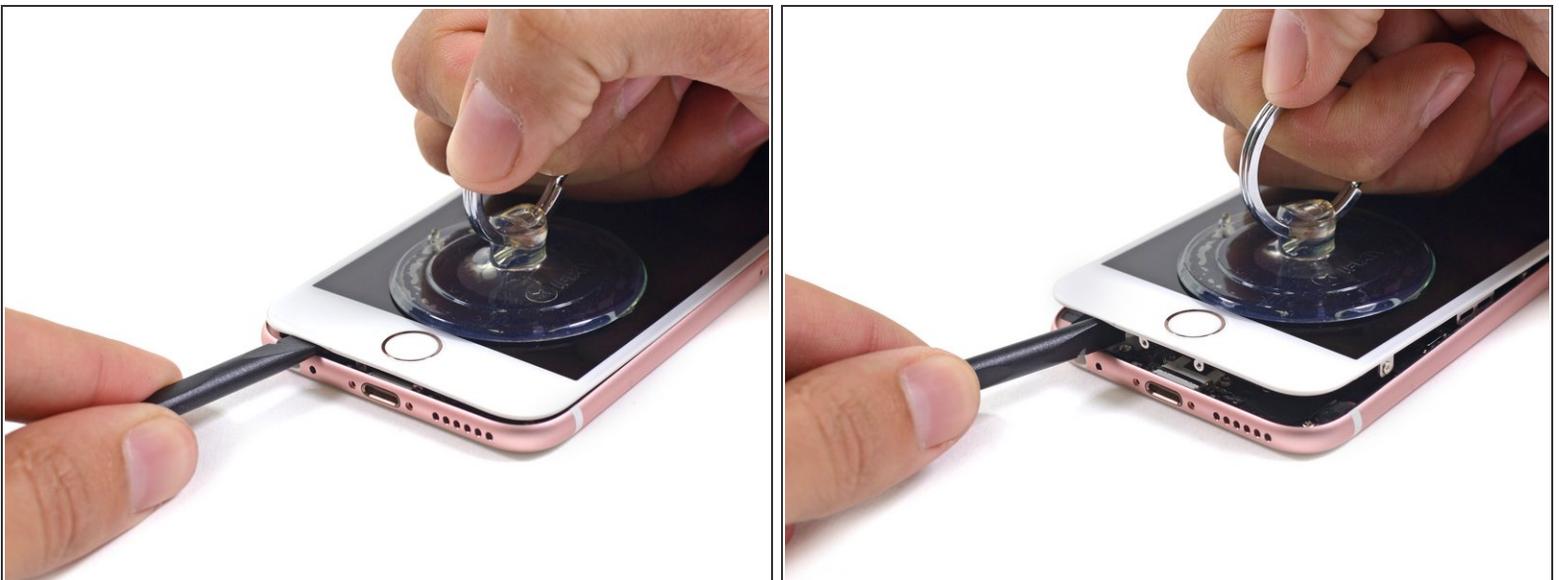
- If you don't have an [iSlack](#), use a single suction cup to lift the front panel:
- Press a suction cup onto the screen, just above the home button.
- ⓘ Be sure the cup is pressed securely onto the screen to get a tight seal.

Step 3



- ⓘ There is a notch on the underside of the display just above the headphone jack that is the safest place to begin prying the phone open.
- Pull up on the suction cup to slightly separate the front panel assembly from the rear case.
- ⓘ Take your time and apply firm, constant force. The display assembly is a much tighter fit than most devices and is held down with adhesive.
- Once a small gap has been opened, insert the flat end of a spudger above the headphone jack.

Step 4



- Twist the spudger to open the gap more and break it free from the adhesive.

Keep pulling up on the suction cup while twisting the spudger.

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Step 5



- Use the edge of a spudger to slice through the adhesive on either side of the phone.

Step 6



- Use the edge of a spudger to slice through the adhesive on either side of the phone.

Step 7



- Use the suction cup to open the display, breaking the last of the adhesive.

⚠ Don't open the display more than 90 degrees, as it is still connected at the top by three cables that may break if stretched.

Step 8



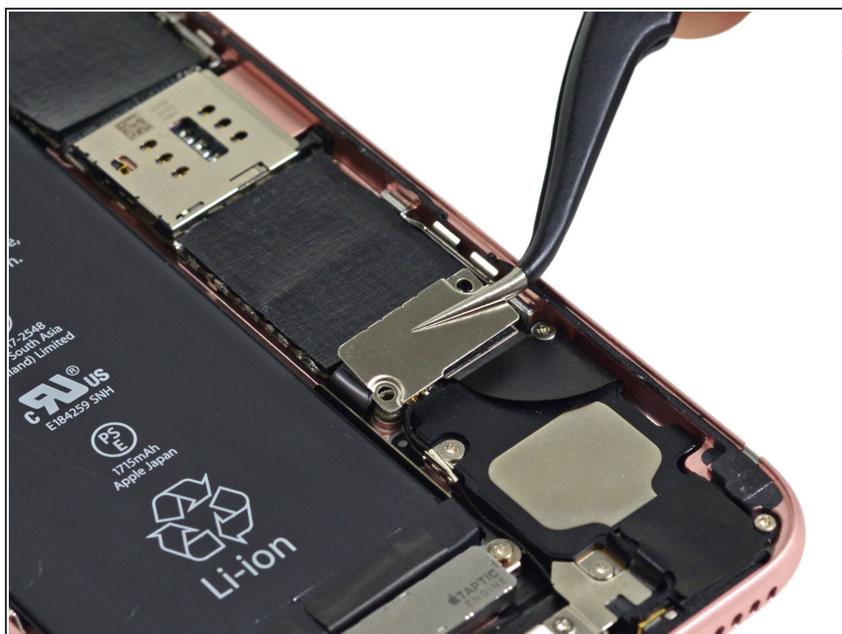
- ⓘ Lean the display against something to keep it propped up while you're working on the phone.

Step 9



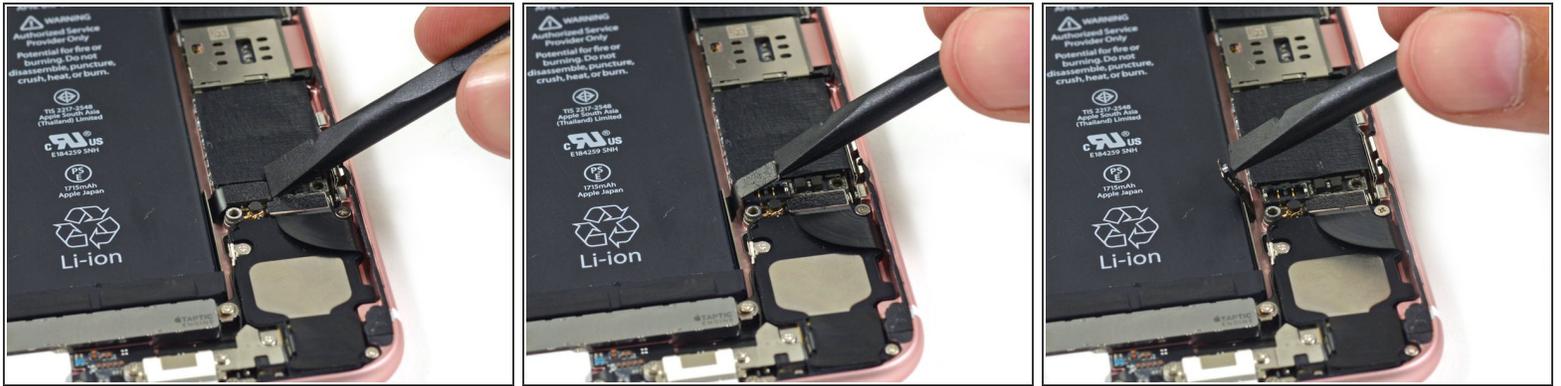
- Remove the following screws from the battery connector bracket:
 - One 3.0 mm Phillips #00 screw
 - One 2.3 mm Phillips #00 screw

Step 10



- Remove the metal battery connector bracket from the iPhone.

Step 11



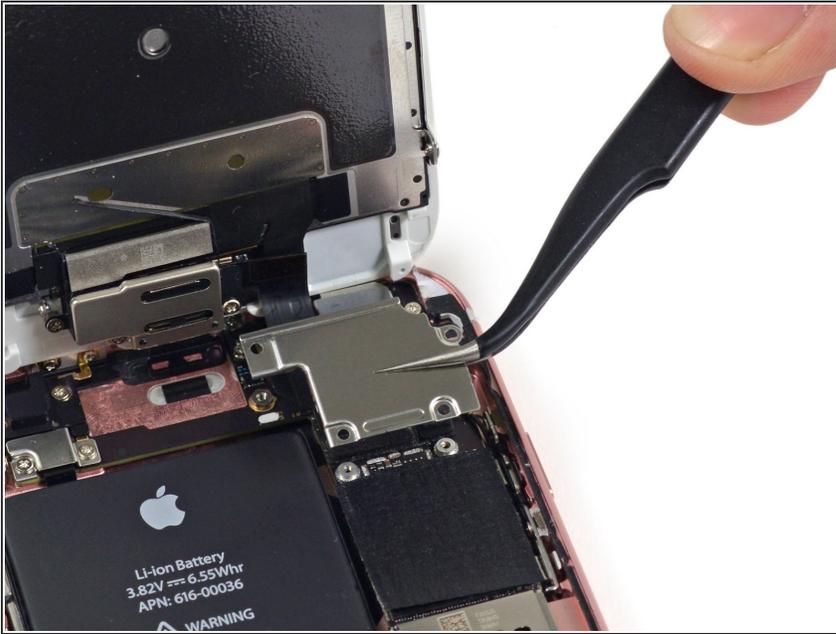
- Use the flat end of a spudger to disconnect the battery connector from the logic board.
- Push the connector to the side to ensure it doesn't accidentally make contact and power on the phone while you're working on it.

Step 12 — Display



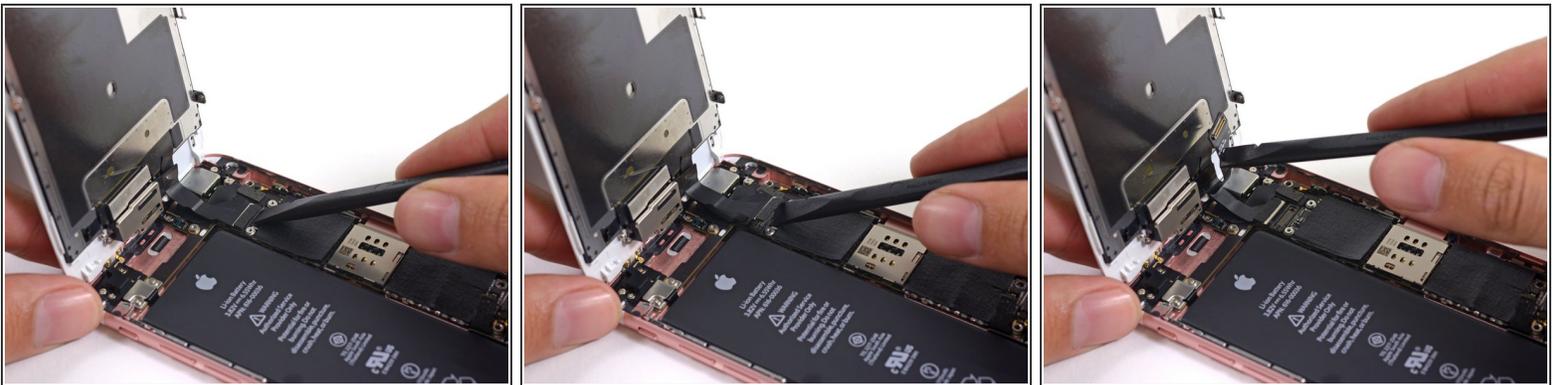
- While holding the front panel open at about a 90° angle, remove the following screws securing the front panel assembly cable bracket:
 - Three 1.3 mm Phillips #00 screws
 - One 3.0 mm Phillips #00 screw
 - ⚠ Don't lose track of this screw! It's very important that the one 3.0 mm screw goes in the top-right corner of the plate. Anywhere else may cause damage to the logic board.

Step 13



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

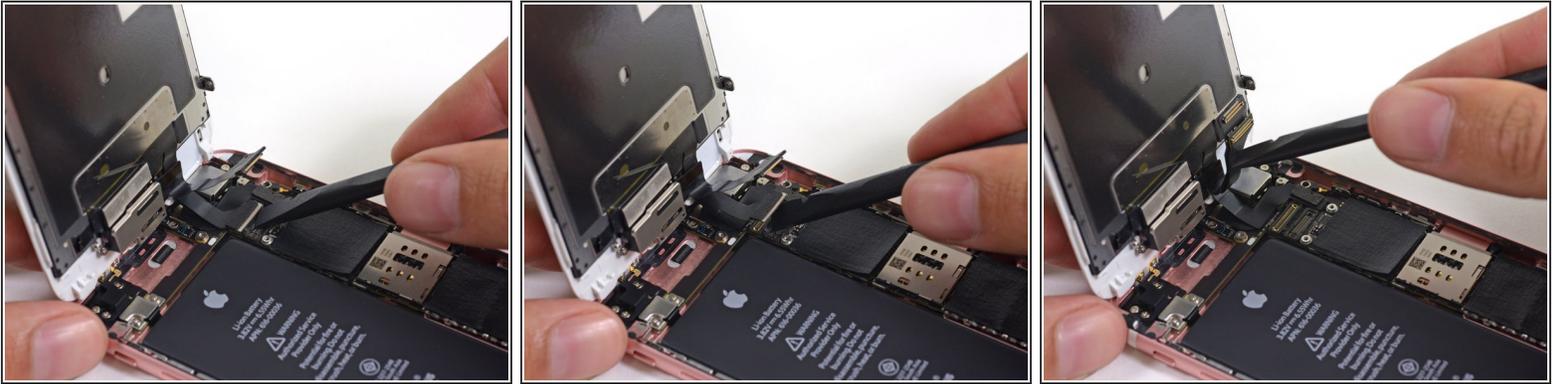
Step 14



⚠ In the next three steps, take care to pry up **only** on the cable connectors, and not on their sockets on the logic board.

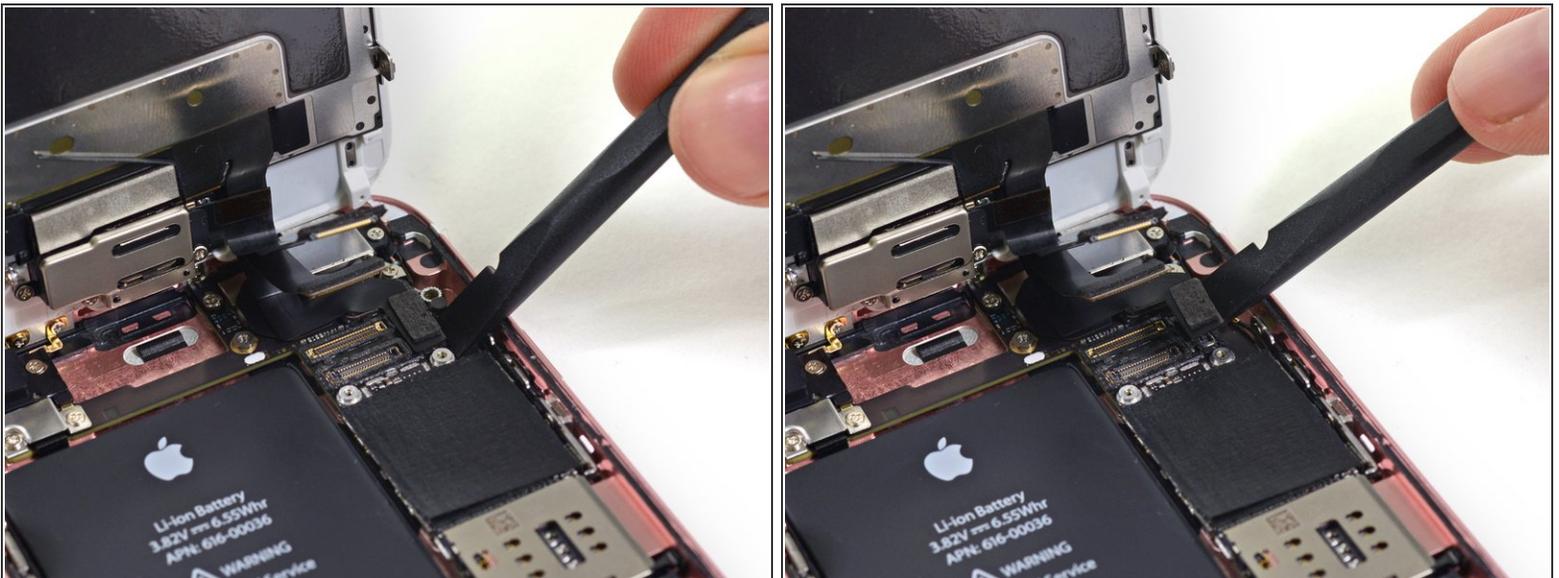
- Use the flat end of a spudger to disconnect the front-facing camera and sensor cable connector.

Step 15



- Use the flat end of a spudger to disconnect the display data cable connector.
- ☒ When reassembling your phone, the display data cable may pop off its 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 connector](#).

Step 16



- Finally, use the flat end of a spudger to disconnect the digitizer cable connector.

Step 17



- Remove the display assembly from the rear case.

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