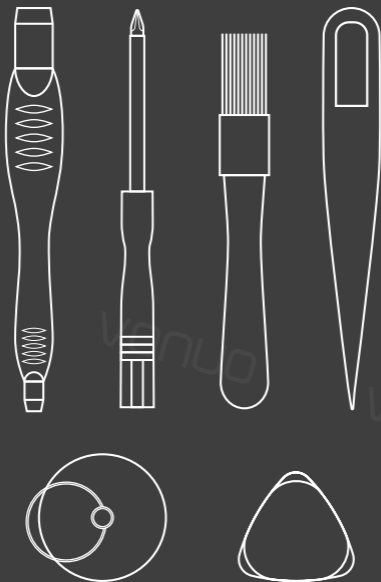


VONUO



Battery Replacement Guide

for iPhone 7 series

Our Promise of Quality:

VONUO premium Lithium Polymer batteries provide excellent continuous power for mobile phones. The multi protection system and unique memory metal fuse ensure safety and durability. Every battery is factory tested following the VONUO CQCG 6.3 (Certified Quality Control Guidelines). Precise sizes for perfect fit, efficient intelligent management chips and high-density polymer cores meet highest user expectations. Designed and all parameters specified in Germany.

Important:

Please refer to your phone manual before installing and using the replacement battery. DO NOT disassemble, cut, puncture or crush the battery. Keep the battery away from fire, heat, water, oil and corrosive chemicals. Follow applicable regulations when disposing.

Warning:

Upon opening your iPhone any product warranty granted by Apple® may expire.

Package Includes:

- 1 x Lithium Polymer Battery
- 1 x Battery Adhesive Strap
- 1 x Repair Tool Kit consisting of:
 - 1 x Plastic Spudger
 - 1 x Plastic Tweezers
 - 1 x Tri-Point Screwdriver
 - 1 x Phillips Screwdriver
 - 1 x Pentalobe Screwdriver
 - 1 x Suction Cup
 - 1 x Plectrum
 - 1 x Brush
- 1 x Battery Replacement Guide

Overview of the tools required for installation

1 x Plastic Spudger



1 x Plastic Tweezers



1 x Tri-Point Screwdriver



1 x Phillips Screwdriver



1 x Pentalobe Screwdriver



1 x Suction Cup



1 x Plectrum



1 x Brush

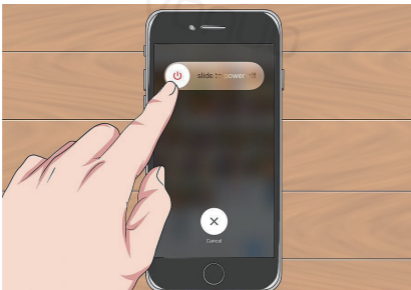


Important information about the installation

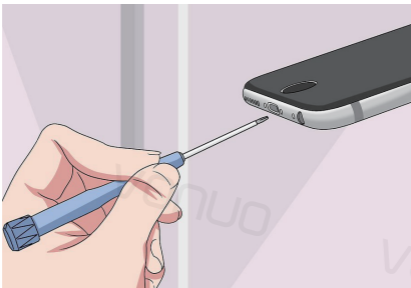
We advise you to install the battery in attendance of a professional if you are not completely comfortable with the handling of electronic devices. We do not recommend relying on a video tutorial. Most of the problems such as electrostatic charge occur due to incorrect installation.

VONUO is not liable for any problems caused by incorrect installation.

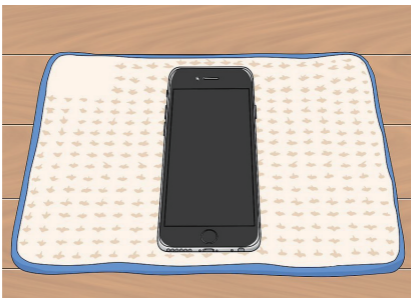
Installation



- 01** Make sure the iPhone is turned off. Failing to turn off the phone can result in a shorted circuit. To turn off your iPhone 7, press and hold the Lock button on the right side of the phone's casing, then slide the slide to power off switch at the top of the screen right.



- 02** Remove the Pentolobe screws from each side of the Lightning port. The Lightning port is at the bottom of the phone. You'll need a 3.4 millimeter Pentolobe screwdriver to remove the two screws here.



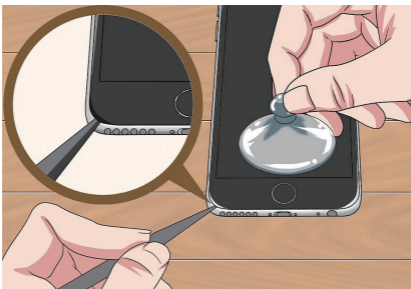
- 03** Place a gentle heating pad on the bottom of the iPhone 7. Doing so will loosen the adhesive that holds the screen in place, which will allow you to lift the display up later. Leave the heating pad for five minutes before proceeding.



- 04** Place a suction cup on the front of the iPhone. Place it at the bottom of the screen, directly above the Home Button.



- 05** Pull up on the suction cup to lift the screen. The screen should only lift a fraction of an inch away from the case. Pulling too hard may rip the display from the case, so be gentle. Hold the rest of the iPhone down with your other hand while you pull the suction cup. If the screen won't come up, try heating the bottom of the iPhone for another few minutes.



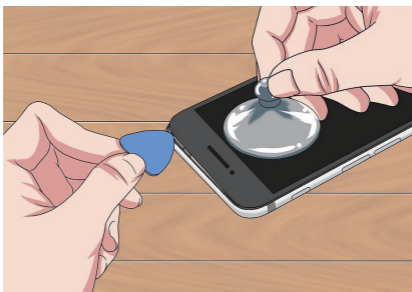
- 06** Insert your spudger into the space in the lower-left corner of the iPhone. There should be a space created by gently pulling up on the suction cup, and your spudger should fit snugly into the gap. Make sure you're using a plastic spudger and not a metal one, as a metal spudger will damage your phone.



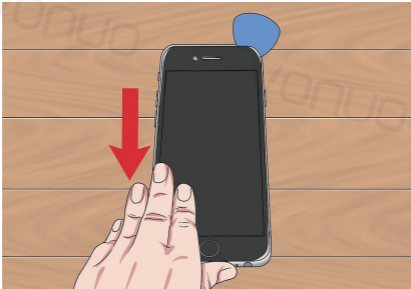
- 07** Slide the spudger up the left side, then repeat on the right side. Twisting the spudger back and forth should gently pry the screen away from the phone's casing. Do not use the spudger near the top of the phone--there are plastic clips that hold the top of the screen in place, and doing so will break them. Instead, only move the spudger about halfway up each side.



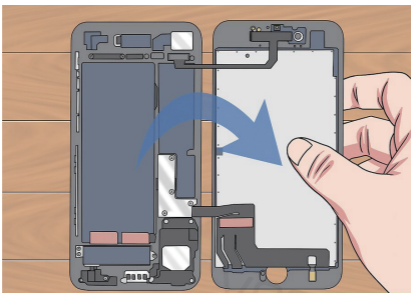
- 08** Lift the screen up to form a ten-degree angle with the phone's case. Lifting the screen any higher than this will break the fragile display cables, so proceed with caution on the side when doing this.



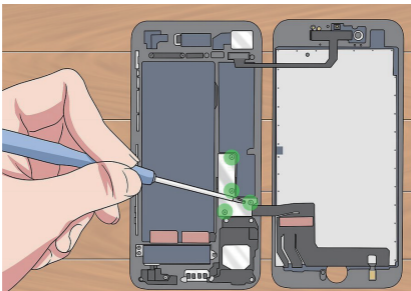
- 09** Slide a thin card or guitar pick along the top of the iPhone. Doing so will unstick the last of the adhesive there.



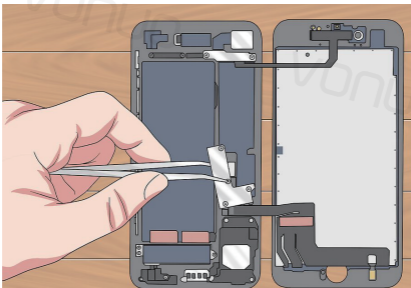
- 10** Pull the screen down toward the bottom of the phone. You should only have to pull it a few millimeters down to clear the plastic clips at the top of the iPhone



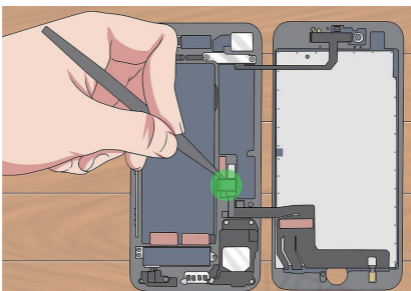
- 11** Open the display to the right. It should fold open like a book, with the interior of the iPhone now exposed and the still-connected display and screen face-down to the right of the case.



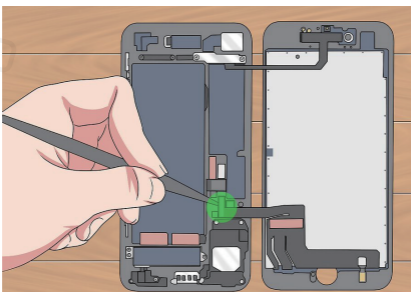
- 12** Remove the four tri-point screws from the lower display bracket. This silver bracket is on the lower-right side of the iPhone's interior; there's a ribbon connecting it to the display part of the phone. You'll find four screws attaching the bracket to the phone, three of which require a 1.2 millimeter screwdriver and one of which needs a 2.6 millimeter screwdriver.



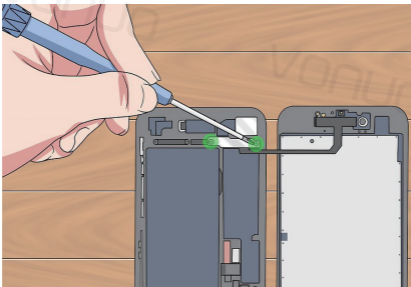
- 13** Remove the display bracket and set it aside. You'll see two black strips of plastic beneath it: one running parallel to the battery, and one running perpendicular.



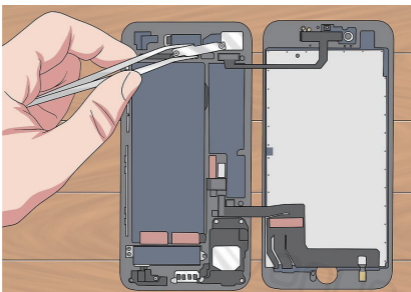
- 14** Use the spudger to lift up the perpendicular plastic strip. This strip is the battery connector; detaching it will disconnect the display from your iPhone's battery.



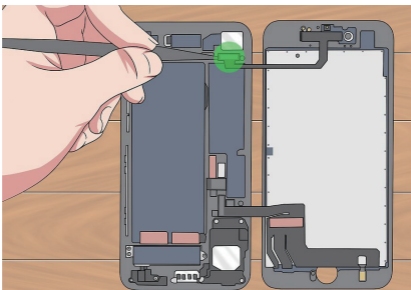
- 15** Use the spudger to lift up the parallel plastic strip and the grey strip beneath it. Doing so will detach the ribbon here from the iPhone's interior, thereby disconnecting one of the two display ribbons.



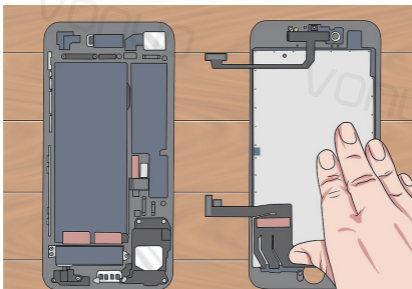
- 16** Unscrew the bracket over the second display ribbon. This silver bracket is at the top-right corner of the phone's interior. You'll find three tri-point screws here: one 1.3 millimeter, and two 1.0 millimeter.



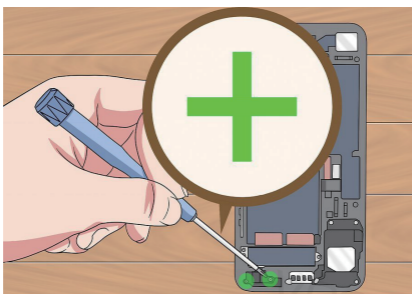
- 17** Remove the bracket. You should see another black piece of plastic that's perpendicular to the battery; this is the connector for the second display ribbon.



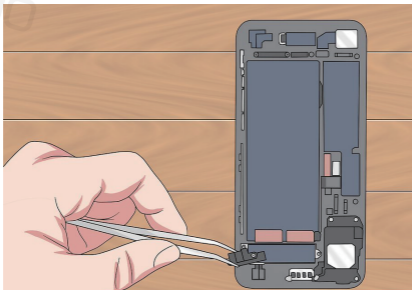
- 18** Use the spudger to pry up the connector. Doing so will remove the second display ribbon from the iPhone's interior.



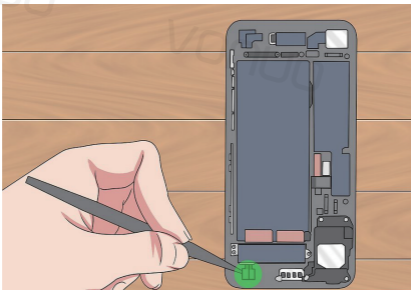
- 19** Set the iPhone's display assembly aside. It should be completely removed at this point.



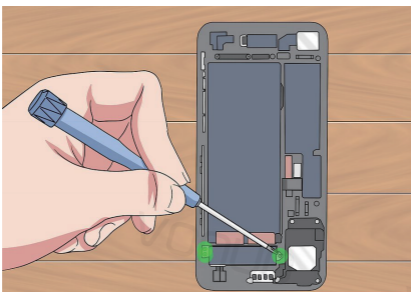
- 20** Remove the two Phillips (+) screws from the barometric vent. This black bracket is in the bottom-left corner of the iPhone's case. You'll find a 2.9 millimeter screw and a 2.1 millimeter screw holding it down.



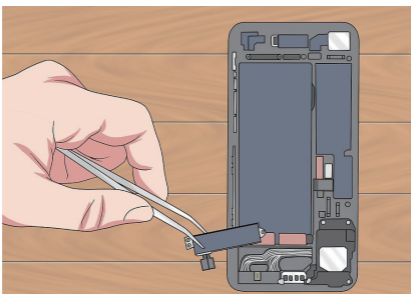
- 21** Remove the barometric vent. You should now be looking at the Taptic Engine's connector, which is a black piece of plastic like the rest of the connectors you've unattached so far.



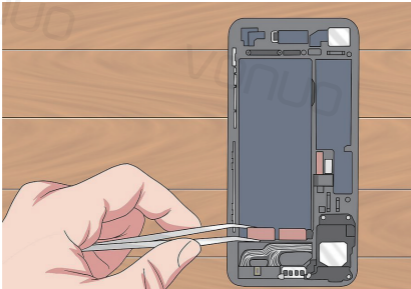
- 22** Pry up the Taptic Engine's connector with your spudger. Doing so will disconnect the Taptic Engine from your iPhone's logic board, which will in turn allow you to remove the Taptic Engine.



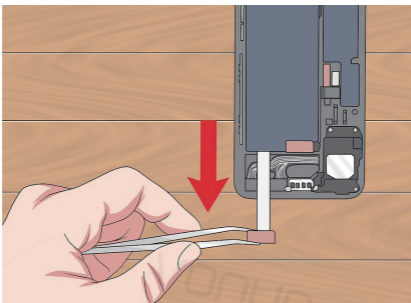
- 23** Remove the three Phillips screws from the Taptic Engine. All three of these screws are 1.5 millimeter screws.



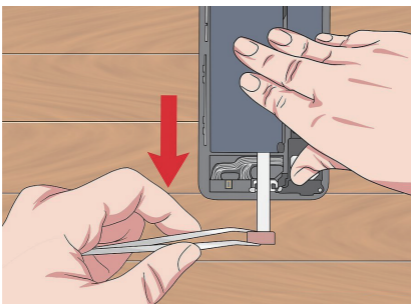
- 24** Lift gently the Taptic Engine out of the case. With the Taptic Engine out of the way, you're finally ready to remove the iPhone's battery.



- 25** Peel back the three adhesive strips from the bottom of the battery. You'll want to use a pair of needle-nose pliers or tweezers for this step.



- 26** Pull one of the adhesive strips toward you. Do this gently, since wrinkling or tearing the adhesive strip will make it extremely difficult to remove your iPhone's battery. After enough pulling, the strip will slide out from under the battery. If one of the adhesive strips tears and renders the battery impossible to remove: lay the iPhone on a heating pad for a few minutes to loosen the adhesive, then pry out the battery with a thin plastic card inserted on the left side of the battery.



- 27** Pull the other two strips out. Make sure you're holding down the battery while pulling out the last one so that the battery doesn't get ejected from the iPhone's interior.



- 28** Remove your iPhone's battery. At this point, you can place a new battery in the iPhone, or let the phone dry as needed if it has suffered water damage.

Well done, you've successfully installed your new VONUO battery!

If you are happy with your battery why not leaving a review for future customers?

FAQ's

Why does my mobilphone suddenly shut down right after the installation of the new battery?

The brand new battery in its original state has zero charging cycles. The battery is still in a sleep state. This means that the lithium ions are not activated, yet. In order to activate them all you got to do is to automatically let your phone shut down by itself, then put it on charge until fully charged. This may take up to 12 hours. Repeat this step 3 times and you are ready to go with full battery capacity. The phone should now run smoothly with maximum running time.

How to maintain the durability of the battery?

Do not expose the phone to temperatures over 30° and under 5 degrees. This may result in a power shortage and the consumption of the battery will increase. Using unlicensed charging devices may also result in a quicker discharge.

How to correctly charge your phone?

The first three charging cycles may take longer than usual. It is recommended to charge for more than 10 hours to completely activate the battery. After the first three charges the battery is sufficiently charged and only then the maximum capacity is reached.

Before I start, what else do I have to consider ?

We advice you to install the battery in attendance of a professional if you are not completely comfortable with the handling of electronic devices. We do not recommend relying on a video tutorial. Most of the problems such as electrostatic charge occur due to incorrect installation.

VONUO is not liable for any problems caused by incorrect installation

**For more information, please visit:
www.vonuo.com/support**

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