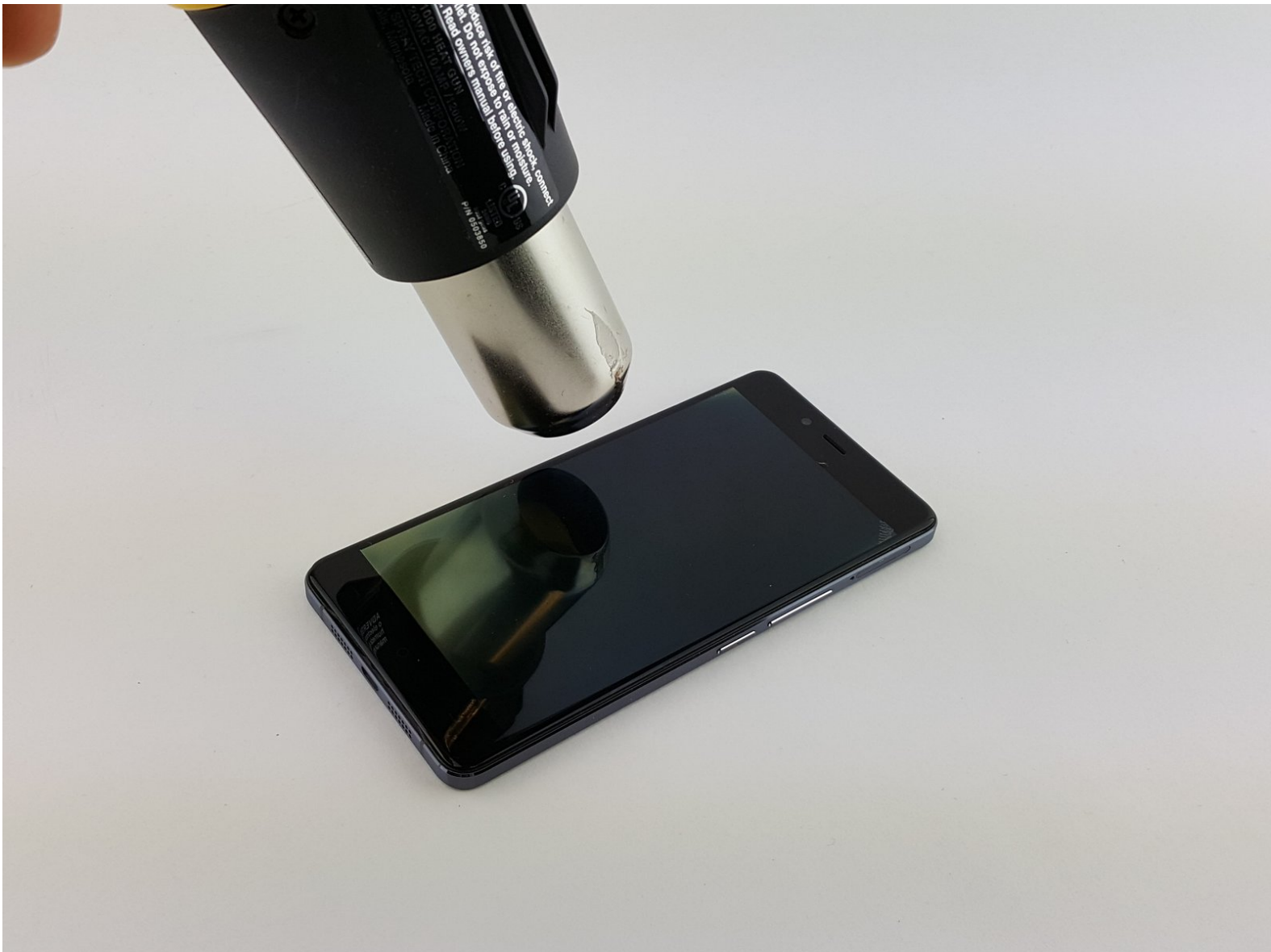




OnePlus X Screen Replacement

Replace the screen of your OnePlus X.

Written By: Luis Castro



INTRODUCTION

This guide will walk you through how to remove the phone's screen, which includes the LCD panel and digitizer.



TOOLS:

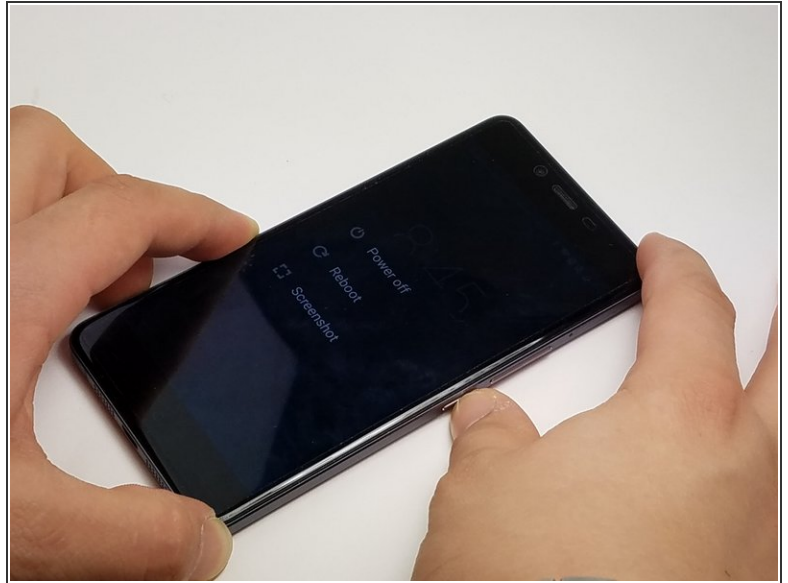
- [Heat Gun](#) (1)
- [heat resistant gloves](#) (1)



PARTS:

- [OnePlus X Screen](#) (1)

Step 1 — Rear Panel



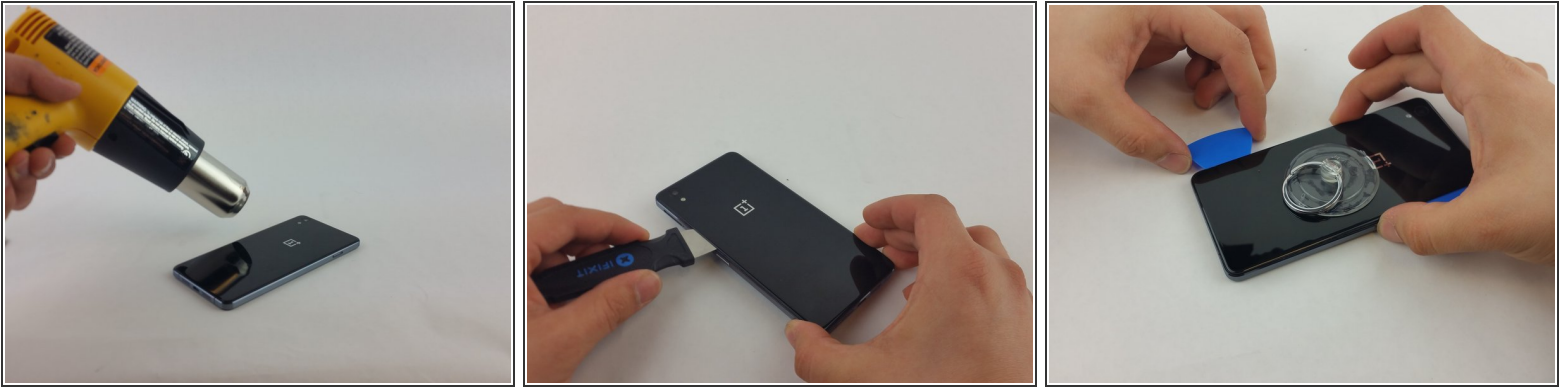
- Power off the phone by pressing the button on the right side of the phone, it will be the smaller button.
- Press and hold the button down for a few seconds, until the option "Power Off" appears on the screen.
- Select "Power Off" on the screen to turn off the phone.

Step 2



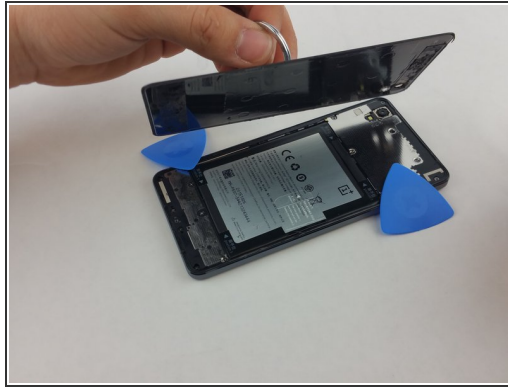
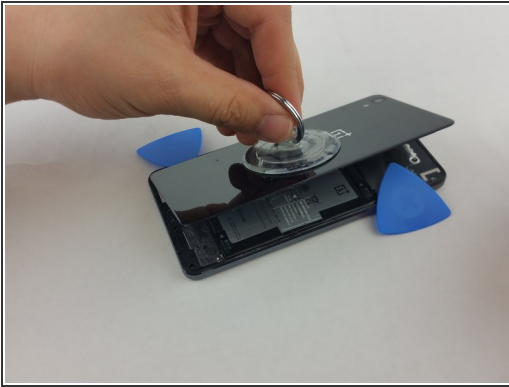
- Insert a SIM card removal tool into the small hole located on the top right corner of the phone, just above the volume buttons.
 - ❗ If you do not have the original packaging or a SIM card removal tool, you may use a straightened out paperclip or something similar.
- Push the removal tool into the hole and the tray should pop out.
- Remove the SIM tray from the phone.

Step 3



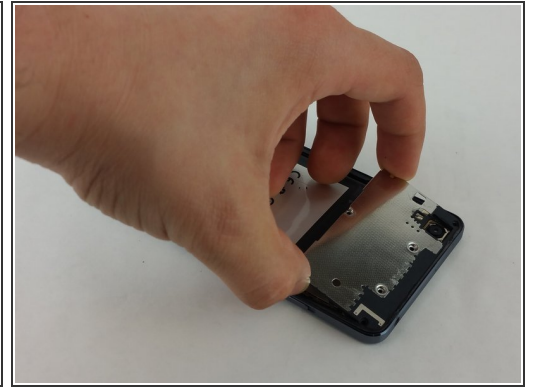
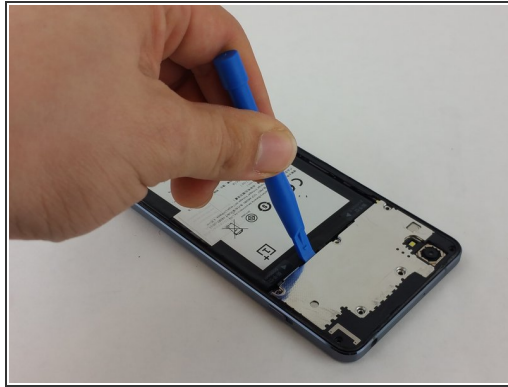
- ⚠ Put on heat-resistant gloves and place the phone on a surface that will not catch fire or melt.
 - Using a heat gun, apply slow and even heat to the edges of the back panel.
- ⚠ DO NOT stay on one spot for too long, the heat gun can damage the phone if the heat is applied to the same area for a long period of time.
 - While heating the back panel, use a Jimmy to test if the adhesive is soft enough to allow the panel to separate from the device.
 - Carefully detach the back panel, using opening picks to hold the panel apart from the device.
 - Once most of the edges are separated from the device, attach a suction cup to the back panel.

Step 4



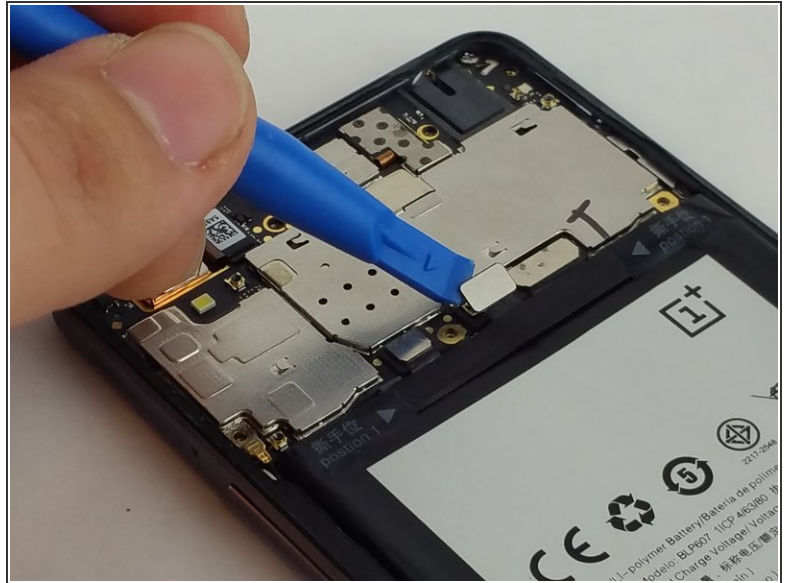
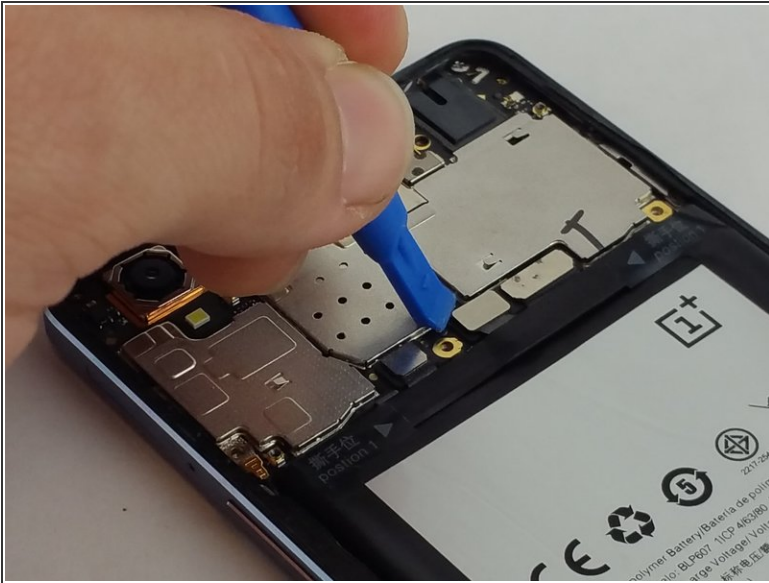
- Press the suction cup to the back panel to secure it.
 - With the help of the suction cup, pull up on the panel to completely detach it from the device.
- i** Use the suction cup to safely remove the panel from the device. As you work around the panel's edges, the lingering heat may cause the remaining adhesive to reattach the panel to the device, be sure to lift the back panel before the glue has time to set back.

Step 5 — Battery



- Using a PH000 screwdriver, remove the following seven screws circled with red and orange:
 - Four (longer) PH000 screws
 - Three shorter PH000 screws
- Once all of the screws are removed, proceed to using a plastic spudger to pry the metal cover off.
- There are two clips near the bottom, right above the battery, so start by prying on the bottom edge of the plate.

Step 6



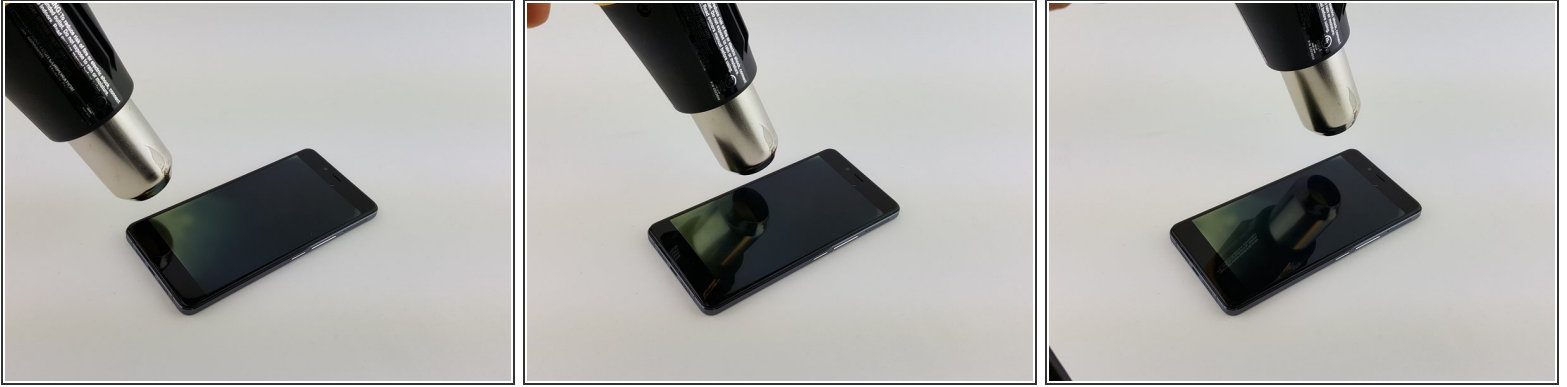
- Once the metal cover is removed, locate the battery connector wire, which clips into the motherboard.
- Using a plastic spudger, gently pry on the clip to release it.
- ⓘ This will cut power to the phone, and prevent any power running to any of the components which is important while working on the phone.

Step 7




- On the battery, locate a clear tab. This will be used to pull the battery out.
 - Firmly grasp the clear tab and pull up and away from the phone to remove the battery.
- ⚠ Take your time during this step, as you do not want to apply too much force and damage the battery.
- ⓘ There is an adhesive underneath the battery so it might be useful to utilize the black plastic spudger to get between the battery and the phone to pry the battery up but be very careful not to break the ribbon cables underneath the battery.
- Continue to pull slowly on the battery, until it is completely free from the phone.

Step 8 — Screen

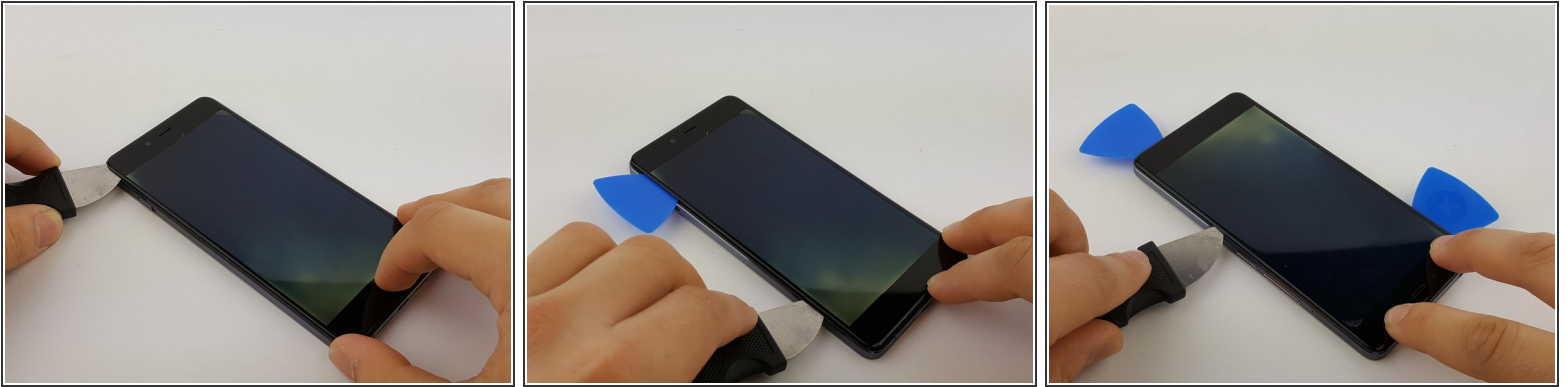


- Once all of the components on the back of the phone have been removed (battery, SIM card, etc), prepare for a battle with your heat gun and "oven mitts".

 This repair is an end-of-the-line option. Please keep in mind that replacing this screen will most likely damage, crack, or discolour the screen, so it is advised to only do this as a last resort. This should be done at your own risk.

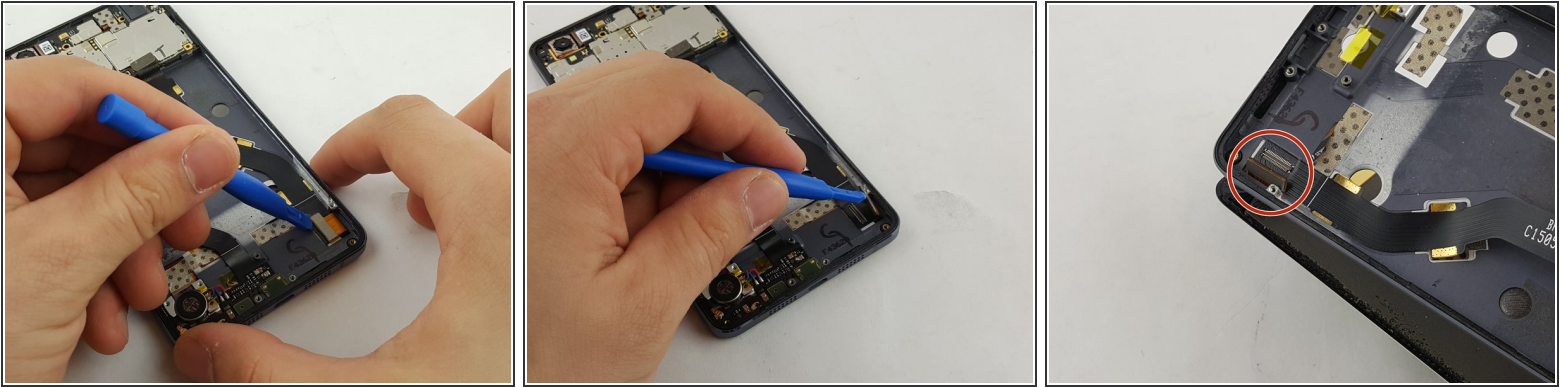
- Using your heat resistant glove to hold onto the phone, evenly heat the edges of the phone.
- Spend about 15-20 seconds on a small section about 2 inches long to make sure that it is sufficiently hot to remove the adhesive

Step 9 — Removing the screen



- After sufficiently heating a section of the edge, use the jimmy tool and slide it between the glass screen and the aluminum bezel of the phone.
 - Proceed to gently slide the jimmy around the area that has been heated to remove the the screen from the adhesive.
 - Having heat resistant gloves are very important as the device will get very hot and will burn your fingers if you come into contact directly with the phone.
- i** It might be helpful to use the picks to leave in between the glass and bezel so that the adhesive does not reattach.
- i** Continue to follow Steps 1-2 through the perimeter of the phone to remove the adhesive.

Step 10



- After removing the adhesive and the screen is now loose from the phone, you'll notice that it is still attached to the back through a connector.
- On the back of the phone, unclip the connector to the screen located on the bottom right hand side of the phone using a plastic pry tool.
- Now that the pin is disconnected, you will have to gently slip the connector through the hole in the back of the phone to free the entire screen.
- Once the connector is slipped through the hole, the screen should be free from the phone for good.

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