



iPod Touch 6th Generation Display Assembly Replacement

In this guide we will show you how to fix the iPod touch 6's Display Assembly

Written By: Aiden



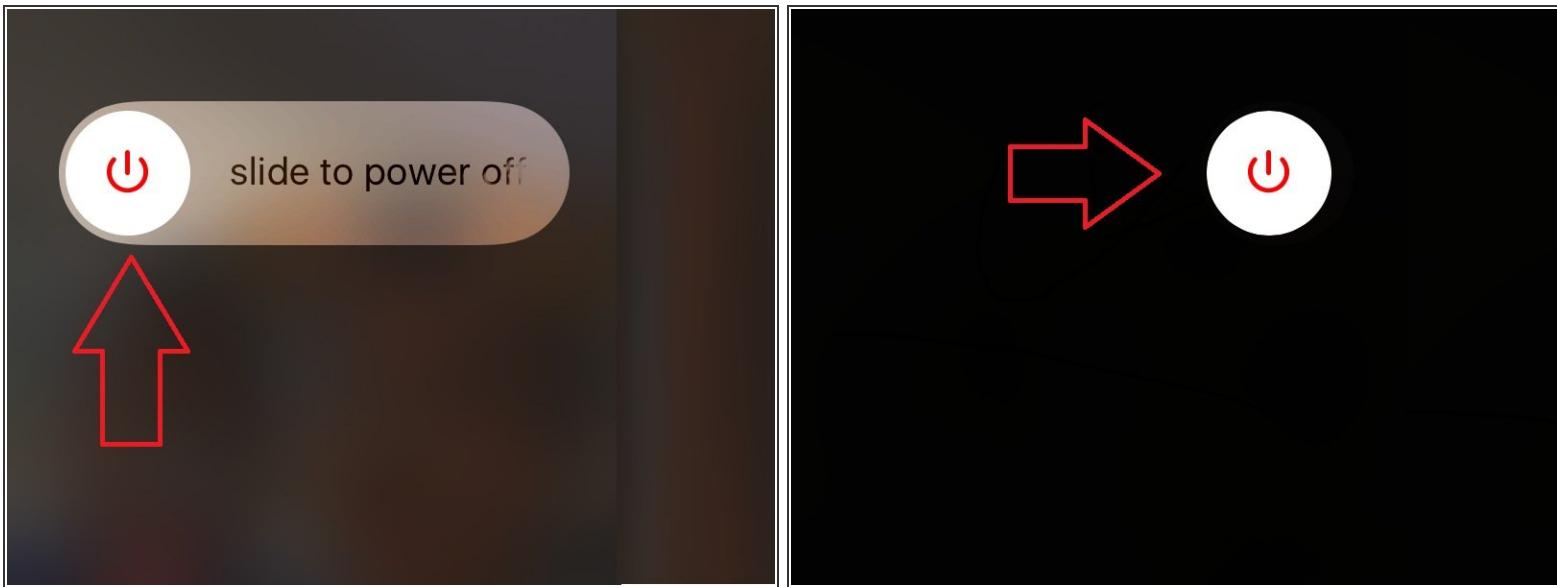
 **TOOLS:**

- [Phillips #00 Screwdriver](#) (1)
- [Suction Handle](#) (1)
- [Spudger](#) (1)
- [iFixit Opening Tools](#) (1)

 **PARTS:**

- [iPod touch \(5th Gen\) LCD Screen and Digitizer](#) (1)

Step 1 — Power Off device



- Make sure your iPod is powered off before starting the repair
- Hold the Sleep/Wake Button (Power Button) for about 3-5 seconds.

Step 2 — Front Panel



ⓘ If your display is cracked to prevent you from cutting yourself we recommend you place clear duck tape over the screen until all the cracks are fully covered.

⚠ Wear Safety glasses to prevent glass from going into your eyes

Step 3



- The bottom of the screen is held in place with adhesive.
- Use the iOpener or Heat gun to soften the adhesive

i Alternatively you can use an Hair dyer

► As you start to prying the screen off, you may need to apply more heat

Step 4 — Opening the iPod



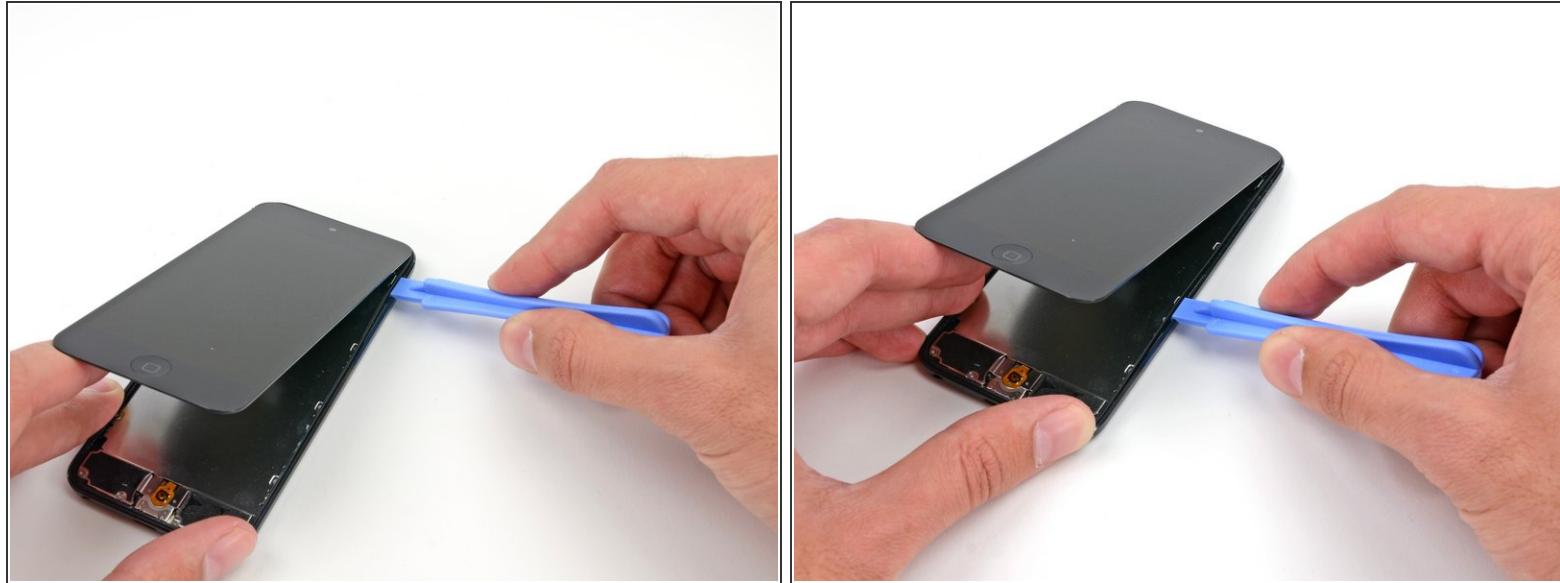
- Place a suction cup just above the home button, towards the lower section of the glass.
- Press it firmly to ensure the cup has a strong seal.
- Hold iPod firmly on a hard surface

⚠ To prevent you from breaking the ribbon cables connected to the LCD, Place your thumb and index finger over the lower corners of the display to stop the display from opening too far.

- Start to Lift the suction cup, and start to firmly pull constantly until the adhesive breaks, and the display comes up from the rear case.
- When lifting the screen apart if adhesive is still sticking to the display you may get a razor blade to cut the adhesive.

⚠ Be careful not to lift more than about an inch—a fragile plastic frame still connects the display assembly to the rear case.

Step 5



(i) In this part we will be losing and freeing the Bezel (The plastic Frame) that surround the screen.

- Start at the top of the Bezel, Using a plastic opening tool, insert it into the gap between the plastic frame and the rear case.
- Slid to tool down the Bezel to loosen it from the case.

Step 6



- Insert the plastic opening tool between the frame and the rear case behind the first clip.
- Rock the tool sideways, to spread the gap behind the clip and separate it from the rear case.

(i) Initially this may not free the clip , but by repeating the procedure for each clip, it will begin to loosen the piece.

- Repeat the procedure with the next two clips on that side

(i) You may have to go back and forth between the clips to free all of them. Be patient, as the plastic frame is quite fragile.

Step 7



- Moving onto the left side of the bezel, insert the plastic opening tool into the gap between the frame and the rear case near the top.
- Now slide the tool down, loosening the frame from the case.

Step 8



- Insert the plastic opening tool between the frame and the rear case behind the first clip.
- Rock the tool sideways, to spread the gap behind the clip and separate it from the rear case.

(i) Initially this may not free the clip , but by repeating the procedure for each clip, it will begin to loosen the piece.

- Repeat the procedure with the next two clips on that side

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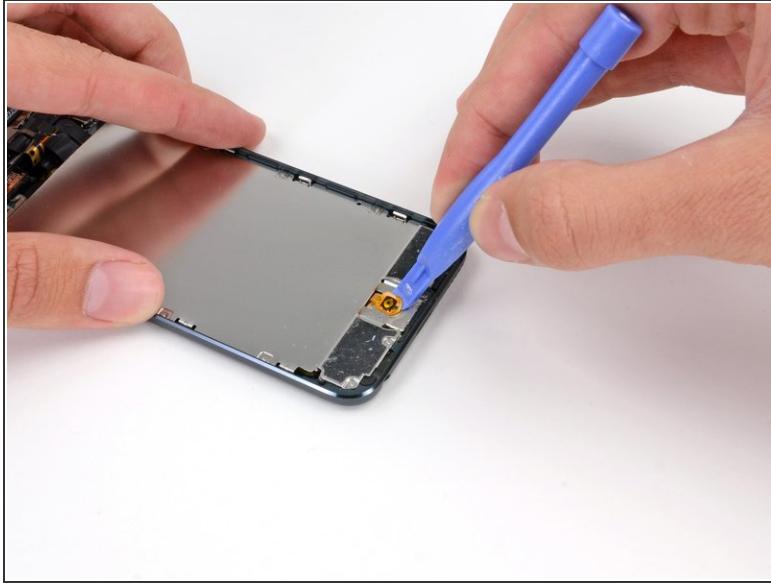
Step 9



- Insert the plastic opening tool between the display assembly and the rear case near the top of the iPod.
- Gently twist the opening tool to lift the front panel up from the rear case.
- Separate the display assembly from the iPod.

⚠ Don't try to remove the Front panel, because there are still many cables connected to it.

Step 10 — LCD Shield Plate

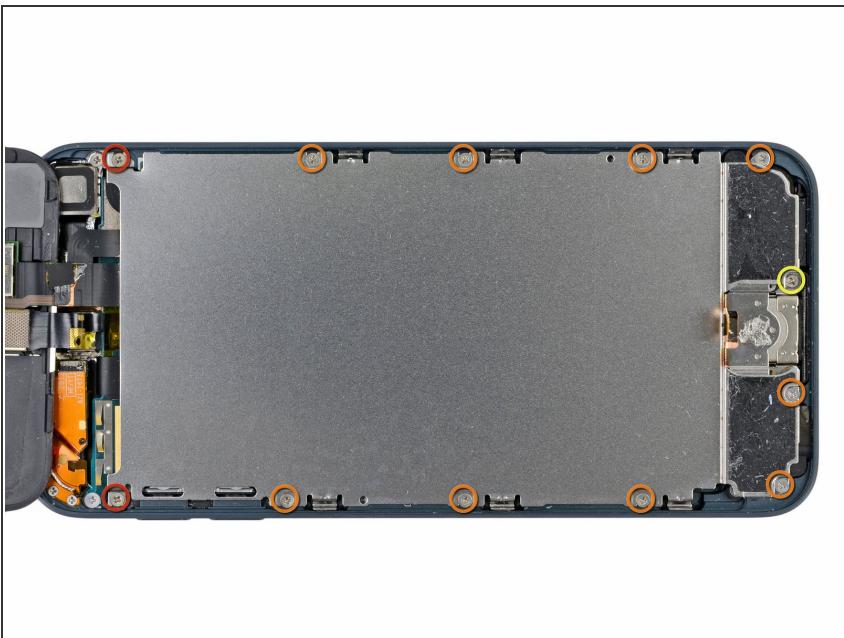


- Carefully fold the display over away from the rest of the iPod, watching out not to disconnect or break any of the ribbon cables. Set the two halves flat on a flat surface
- Use a plastic opening tool to pry the home button switch up from the LCD Plate

i You may need to use a heat gun or hair dryer to soften the adhesive on the back of the home button. (Use a low heat setting)

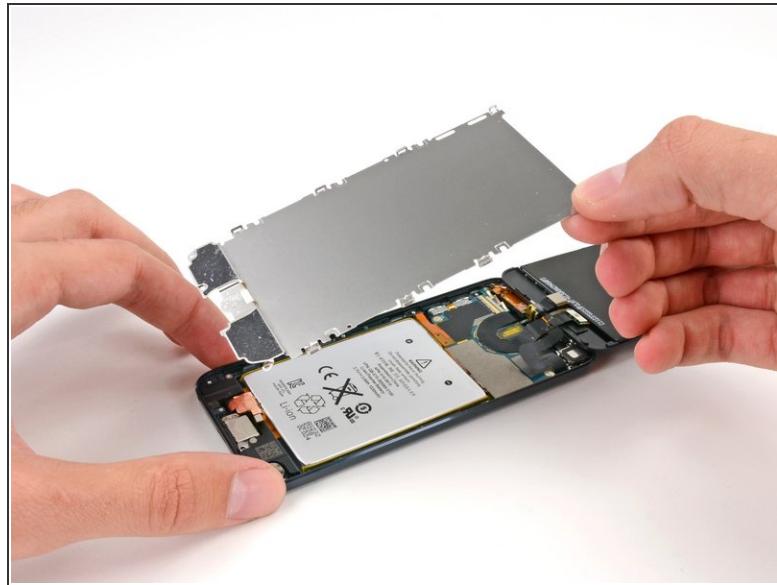
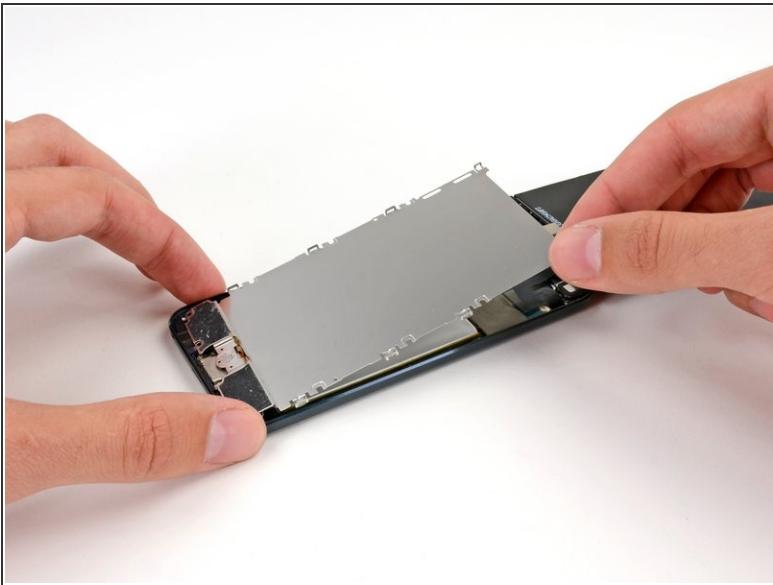
- Do not try to remove the home button switch, because it is connected to components below the LCD plate.

Step 11



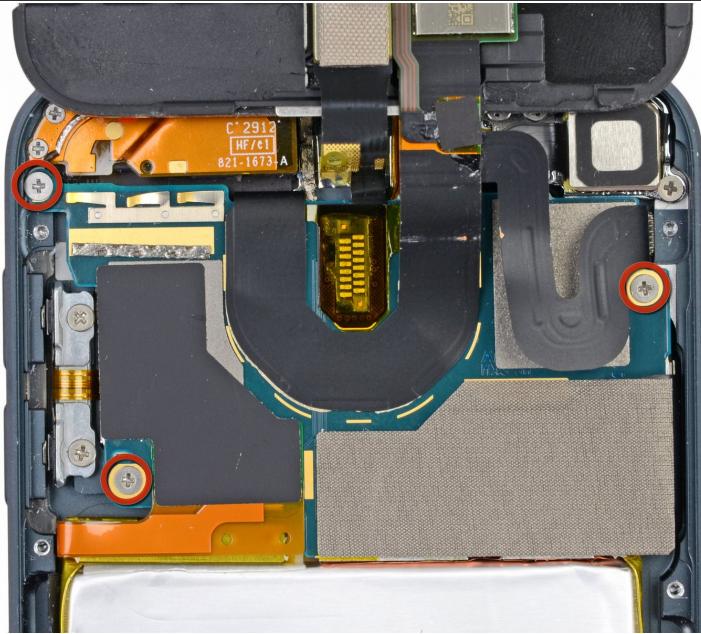
- Remove the following screws securing the LCD plate to the rear case:
 - Two 1.2 mm #00 Phillips screws
 - Nine 1.6 mm #00 Phillips screws
 - One 2.3 mm #00 Phillips screw

Step 12



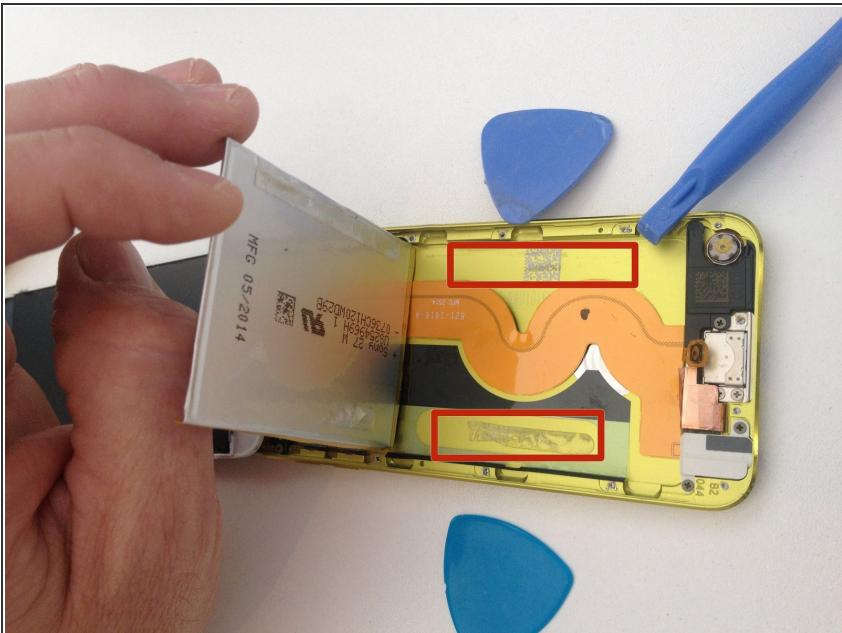
- Lift up the LCD plate to remove it

Step 13 — Battery



- Remove three 1.6 mm #00 Phillips screws that are securing the logic board onto the rear case.

Step 14 — Heat the back of the iPod



(i) There are two strips of adhesive holding the battery onto the rear case.

⚠ Do not heat the battery!!

- Turn the iPod to the **back** where you can see the Apple logo and apply heat there to soften adhesive

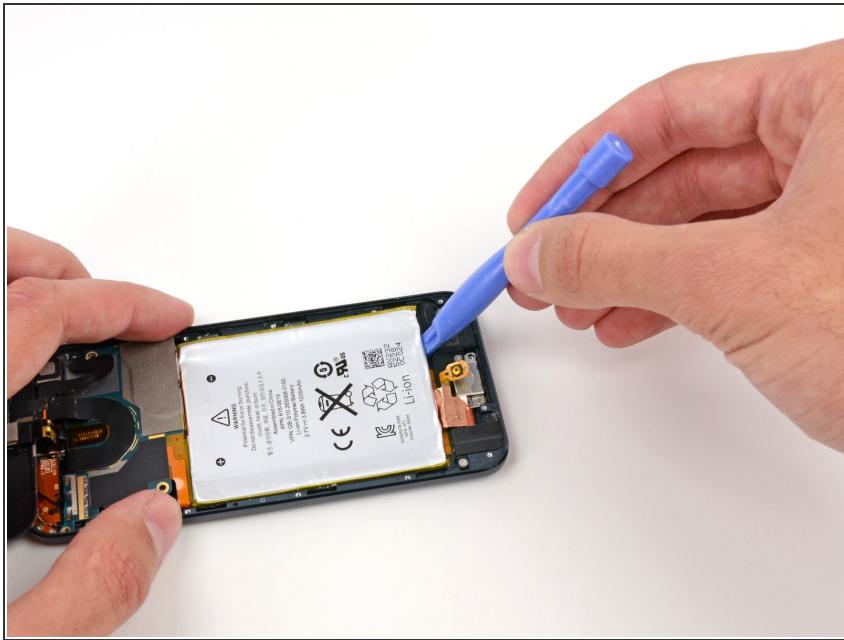
↗ The rear case does not have to be hot, you should be able to touch it without feeling discomfort

Step 15



- ☞ There are three notches on either side of the battery. In the next steps, you will be using these notches to gradually pry the battery up from the rear case.
- ⓘ The battery is secured with a lot of adhesive, so you'll need to go slowly and carefully to avoid puncturing or creasing the battery.
 - Insert a plastic opening tool into the top right notch and gently pry up on the battery.
- ⚠ Don't try to attempt to pry up the entire battery at this point, just slowly start to loosen the adhesive at each point.
 - Continue with the lower right notch. Insert a plastic opening tool into the notch, and gently lift up on the side of the battery.

Step 16



- Continue prying up the battery from the bottom.

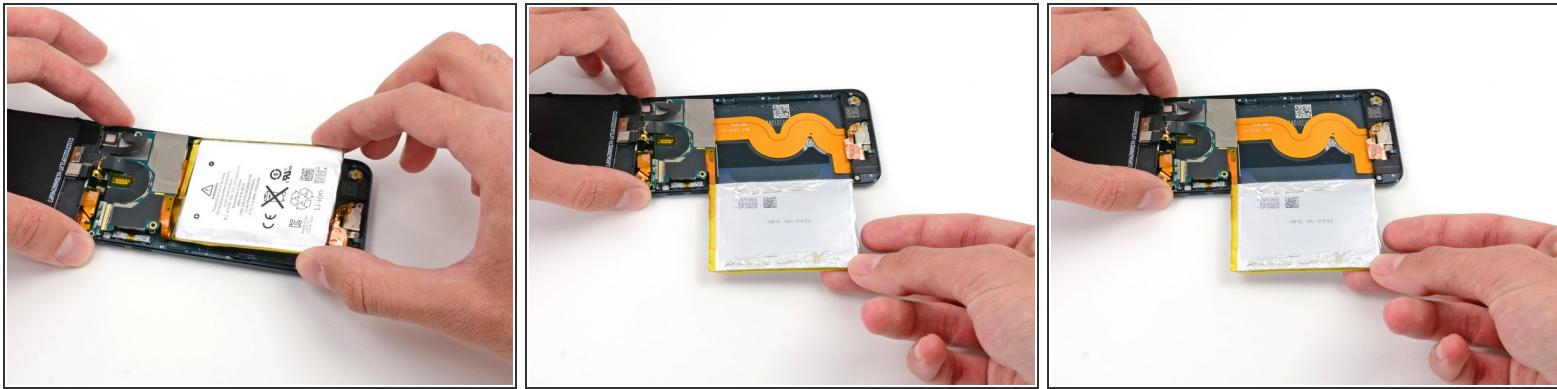
⚠ When prying along the bottom, be careful not to press down too hard against the speaker or headphone jack.

Step 17



- Pry along the left side as well.

Step 18



- Once all of the adhesive is loose, lift the battery up from the bottom and sway it out over the left side of the rear case.

⚠ Make sure not to pull it out because it is soldered onto the logic board.

- Once battery is out of case turn the battery over to straighten its cable and set it down.

Step 19 — Front facing camera



- Get a spudger and use the flat end of it to take out facing camera out of its socket in the display assembly.

Step 20 — Lighting connector assembly



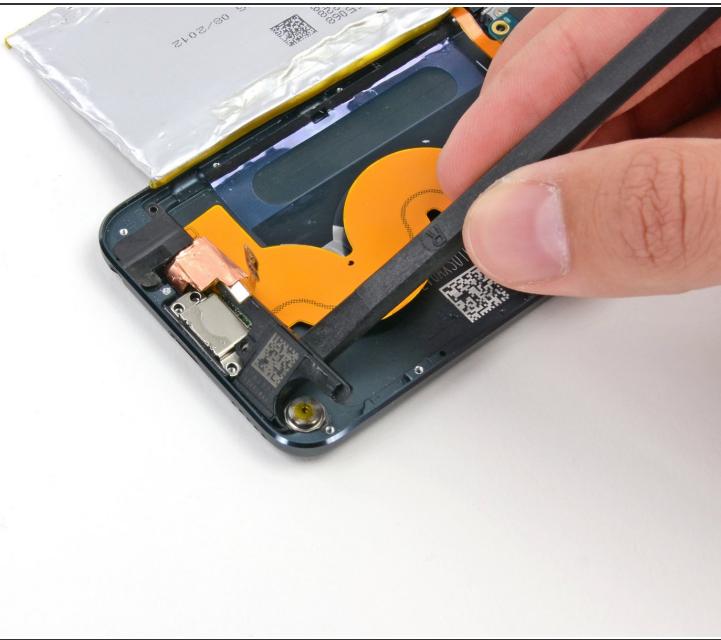
- Use the tip of a spudger to peel back a piece of tape covering a screw on the side of the headphone jack.

Step 21



- Remove the following screws securing the headphone jack, Lightning connector, and speaker.
 - Three 2.6 mm #00 Phillips screws
 - Two 2.0 mm #00 Phillips screws

Step 22



- Use the flat end of a spudger to lift the speaker up from the rear case.

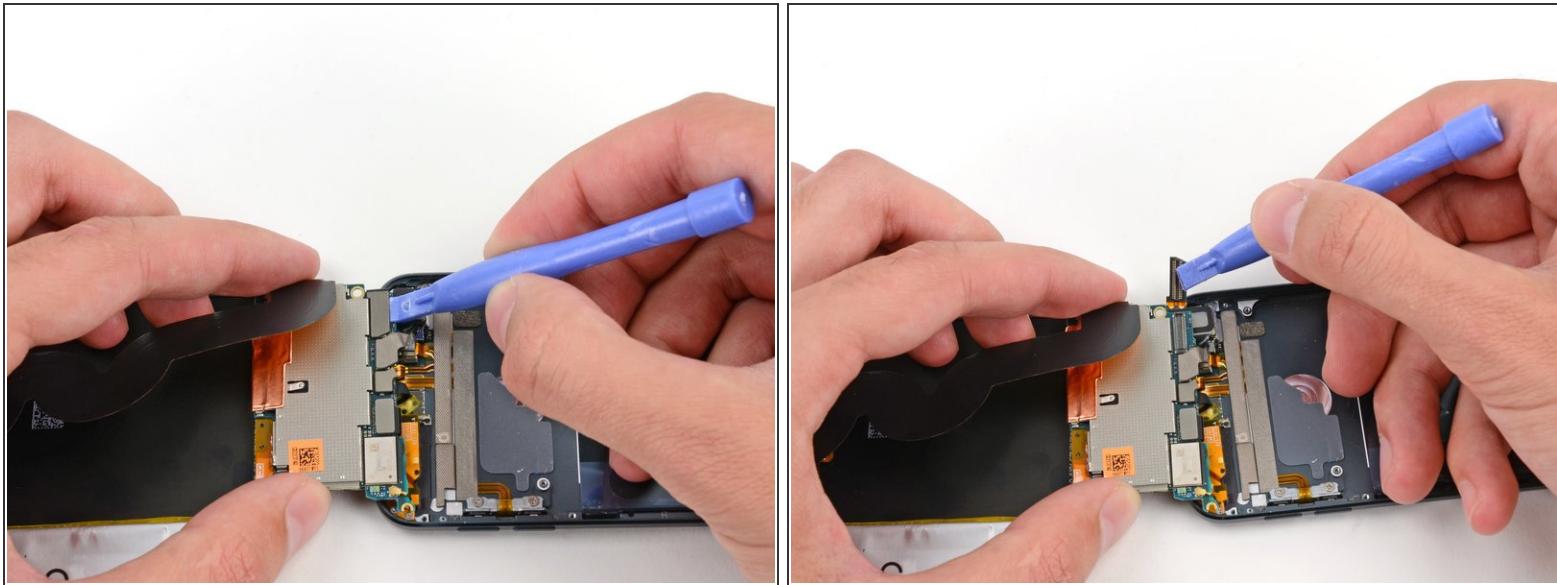
⚠ Do not try to remove the speaker, because it is soldered to the Lightning connector assembly.

Step 23



- Gripping the large ribbon cable, gently pull the Lightning connector assembly out of the bottom of the case.

Step 24 — Display Assembly



- Flip the entire assembly over, showing the back of the logic board.
- Use a plastic opening tool to disconnect the digitizer cable from the logic board.

Step 25



- Use a plastic opening tool to disconnect the display cable from its socket.

Step 26



- Flip the Lightning connector/logic board assembly back over to expose the top of the logic board.
- The display cable is lightly adhered to the top of the logic board.
- Use the flat end of a spudger to peel the display cable up from the logic board.

Step 27



- Finally remove the display assembly from the iPod

(i) You can use an iPod touch 5 LCD on the iPod touch 6 they're exactly the same.

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

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