



iPod Touch 6th Generation LCD Shield Plate Replacement

Remove the metal shield plate separating the LCD from the internal components in your iPod Touch 6th Generation.

Written By: Andrew W.



INTRODUCTION

Use this guide to remove the metal shield plate and gain access to the iPod's internal components.

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [Suction Handle](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
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Step 1 — Front Panel



- 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 iPod's display until the whole face is covered.
 - ⓘ This will keep glass shards contained and provide structural integrity when prying and lifting the display.

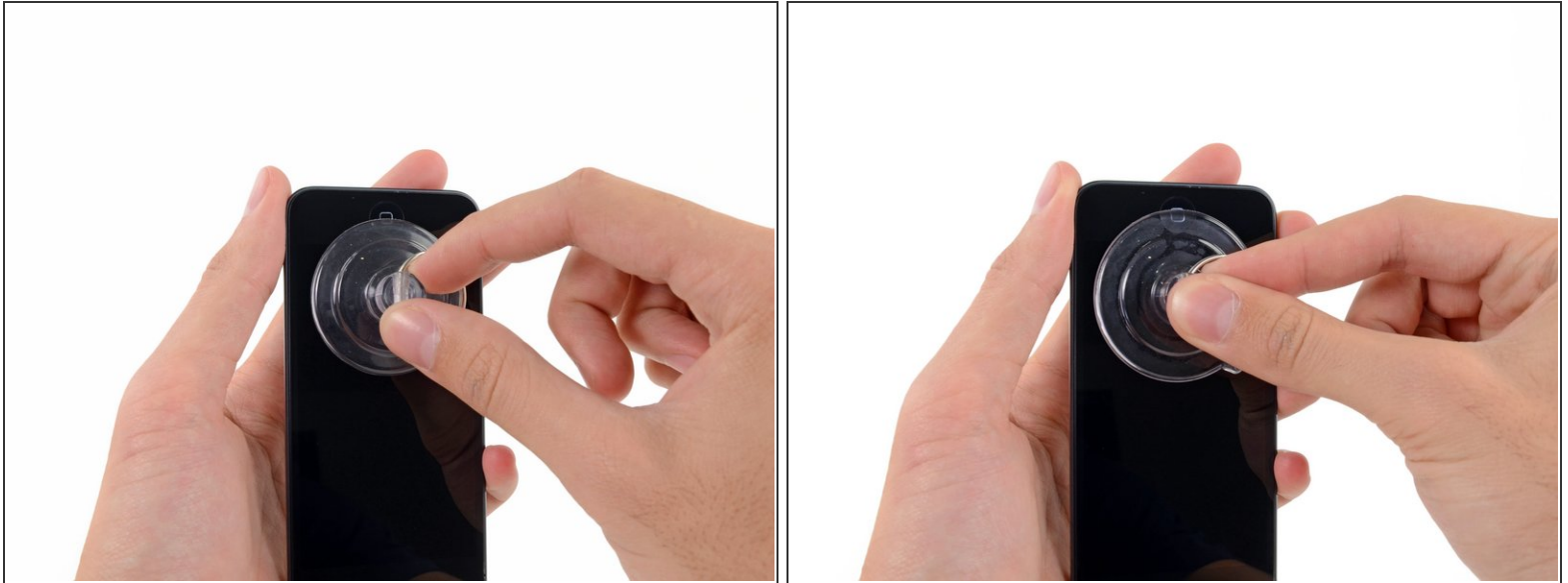
 Wear safety glasses to protect your eyes from any glass shaken free during the repair.

Step 2



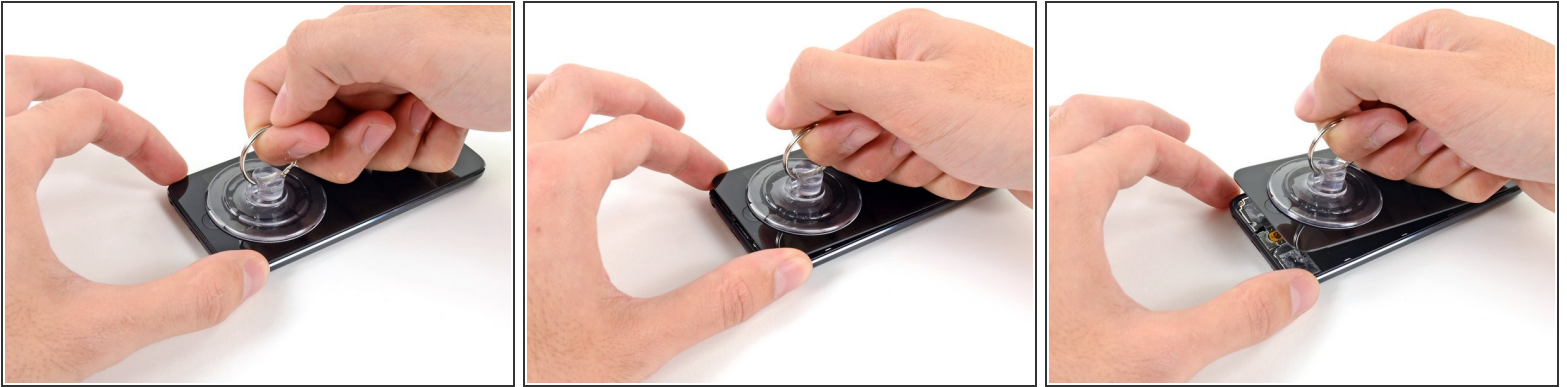
- Use a hairdryer or [prepare an iOpener](#) and apply it to the lower edge of the iPod for about a minute in order to soften up the adhesive underneath.
 - The bottom of the screen (near the home button) is held in place with strong adhesive.
- As you start prying the screen off in the next stages, you may need to apply more heat to keep the glue warm and flexible.

Step 3



- Center the suction cup on the lower section of the glass, with its edge centered over the home button.
- Press in firmly and make sure the cup has a strong seal.

Step 4



- Hold the iPod firmly against a table or bench.
 - ⓘ Place your thumb and index finger over the lower corners of the display to stop the display from opening too far when the adhesive breaks.
- Lift the suction cup up and back toward the top of the iPod. Be patient, and pull with firm, constant force until the adhesive breaks and the display comes up from the rear case.
 - It may be necessary to use a heat gun to soften the adhesive (especially in cooler climates). If you can pry the screen apart, and the adhesive is still sticking and pulling apart like cheese topping on a pizza, you can slide a thin razor blade in and gently cut the adhesive.
- ⚠ After the display begins to lift from the rear case, 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 the following steps, you will be loosening and freeing the plastic frame that surrounds the screen. It is connected to the rear case with several clips.
- Starting at the top right of the device, insert a plastic opening tool into the gap between the plastic frame and the aluminum rear case.
 - Slide the tool down this crack, loosening the frame 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.
- This may not free the clip initially, but repeating the procedure for each clip will begin to loosen the piece.

Step 7



- Repeat the procedure with the next two clips on this side.
- ⓘ You may have to go back and forth between the clips to free all of them. Take your time and be careful and patient, as the plastic frame is quite fragile.

Step 8



- Moving on to the left side of the device, insert a plastic opening tool into the gap between the plastic frame and the aluminum rear case near the top.
- Slide the tool down this crack, loosening the frame from the case.

Step 9



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

Step 10



- Repeat the procedure with the next two clips on this side.
- Insert the plastic opening tool between the plastic frame and aluminum rear case behind the second clip.
- Rock the tool sideways, loosening the clip from the case.

Step 11




- Using the same procedure, loosen the last clip securing the plastic frame to the rear case.

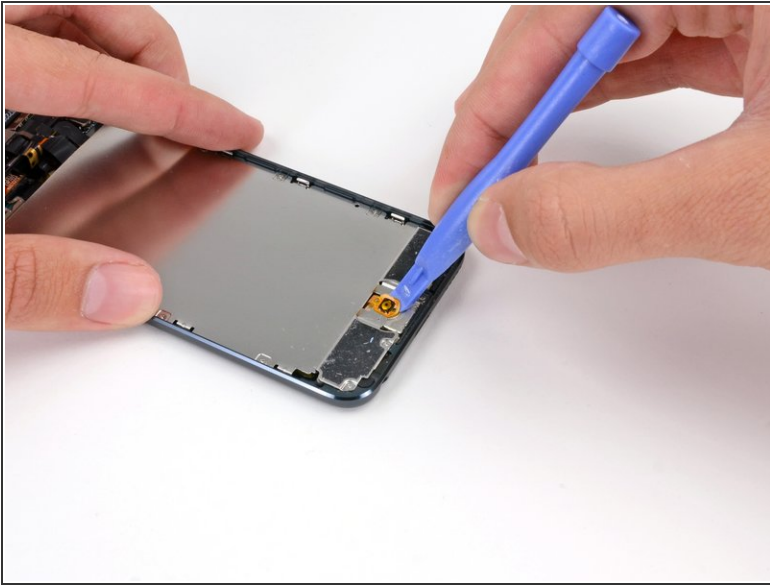
Step 12





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

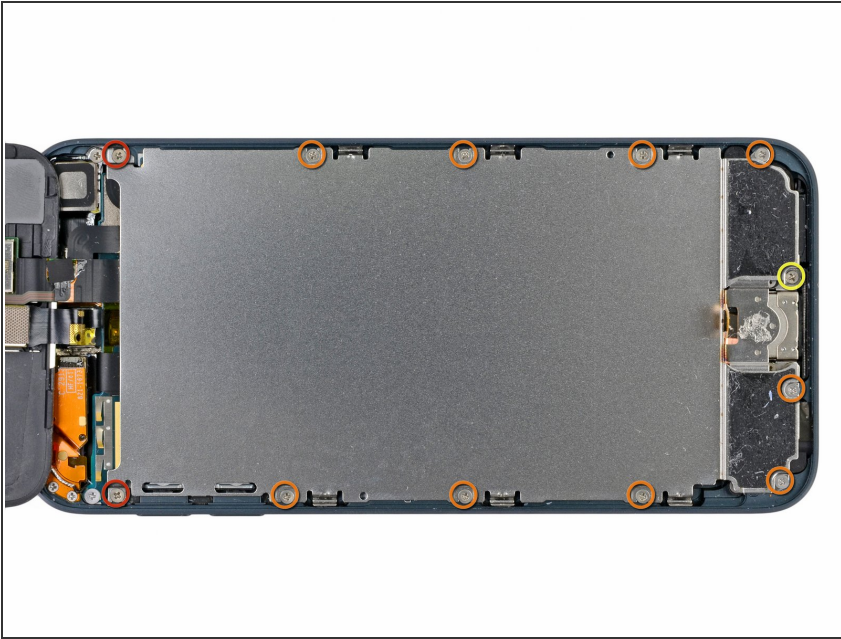
 Do not try to completely remove the front panel, as it is still connected by several cables.

Step 13 — LCD Shield Plate



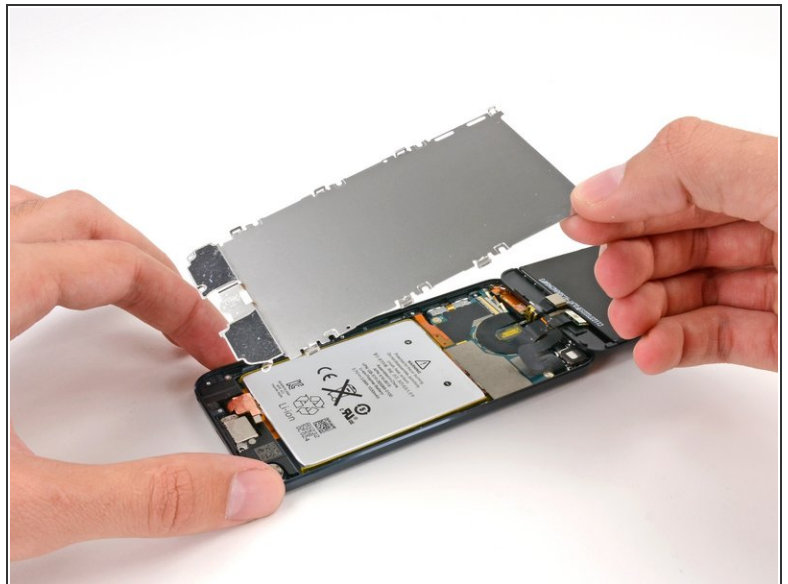
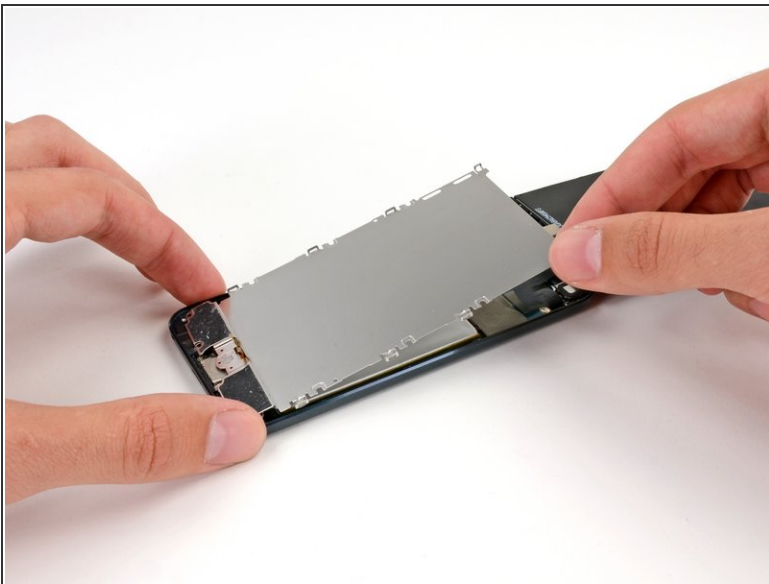
-  Gently fold the display over away from the rest of the iPod, taking care not to disconnect or break any of the ribbon cables. Set the two halves flat on a table or bench.
- **If your iPod has a black home button assembly rather than the orange one shown here, you can skip this step.** The button is not attached to the LCD plate and does not need to be removed to complete the repair.
 - Use a plastic opening tool to pry the home button switch up from the LCD plate.
 - It may be necessary to use a heat gun or hair dryer to soften the adhesive on the back of the home button. Always use a low heat setting.
-  Do not attempt to remove the home button switch, as it is connected to components below the LCD plate.

Step 14



- Remove the following screws securing the LCD plate to the rear case:
 - Two 1.2 mm #000 Phillips screws
 - Nine 1.6 mm #000 Phillips screws
 - One 2.3 mm #000 Phillips screw

Step 15



- Lift up and remove the LCD plate from the iPod.

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