



iPod 5th Generation (Video) Rear Panel Replacement

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INTRODUCTION

Instructions on how to remove the rear panel from the iPod Video.



TOOLS:

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



PARTS:

- [iPod Video 30 GB Rear Panel](#) (1)
- [iPod Video 60 GB Rear Panel](#) (1)
- [iPod Video 80 GB Rear Panel](#) (1)

Step 1 — Case



- ⓘ Before opening your iPod, ensure that the hold switch is in the locked position. The slider should be all the way to the right if your iPod is facing you.

Step 2



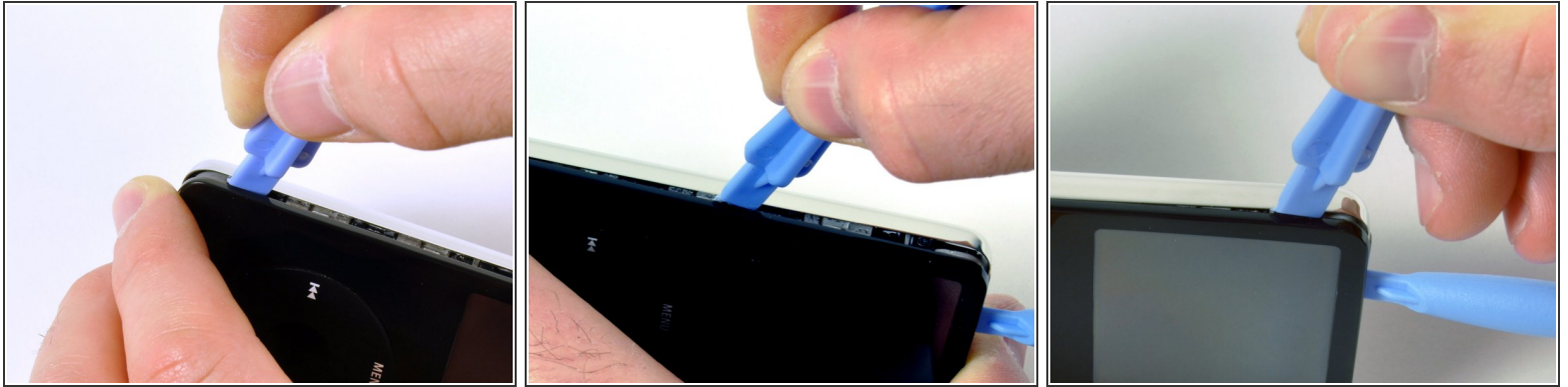
- ⓘ Opening the iPod can be challenging. Do not get discouraged if it takes you a few tries before the iPod is opened.
- Free the first retainer clip on the bottom of the iPod using the iPod opening tool. The tool's edge should point towards the metal back case to prevent scratching the plastic front.

Step 3



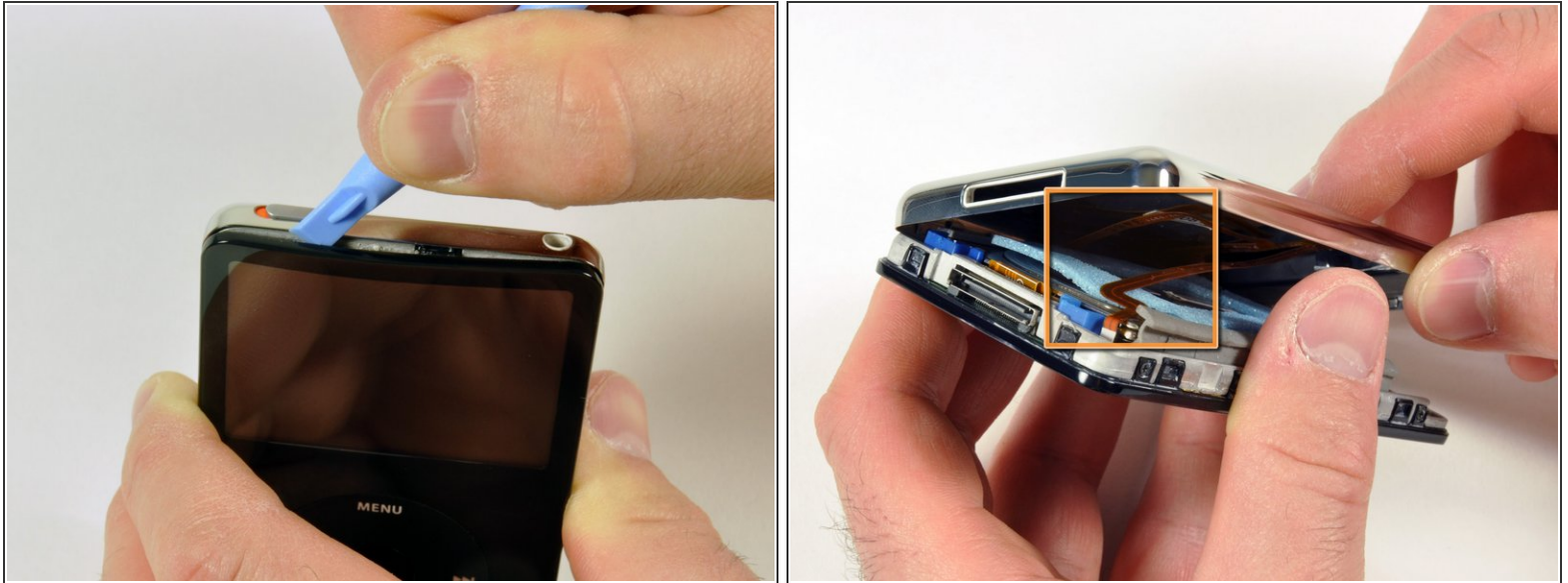
- Use this photo of the OPENED iPod for the reference, in order to locate the areas where the retaining clips are - 4 per side, one on top and two at the bottom. It should save you a lot of frustration and help avoid scratching the plastic cover.

Step 4



- i** There are four retaining clips on each side of the iPod. An iPod opening tool will be used to separate the plastic front from the metal back of the iPod.
- Insert the iPod opening tool into the left side of the iPod, with the edge of the tool pointing towards the metal back.
 - A small guitar pick can be extremely helpful in opening the iPod. Simply insert it and slide the pick around the case to free the clips to streamline the process.
 - Gently enlarge the existing crevice by wiggling the iPod opening tool and moving it to the left.
 - Continue doing so until the entire side of the iPod is loose.
 - You can then insert an iPod opening tool to the right of the Hold button. Be very careful while inserting the tool, as the display is very fragile.

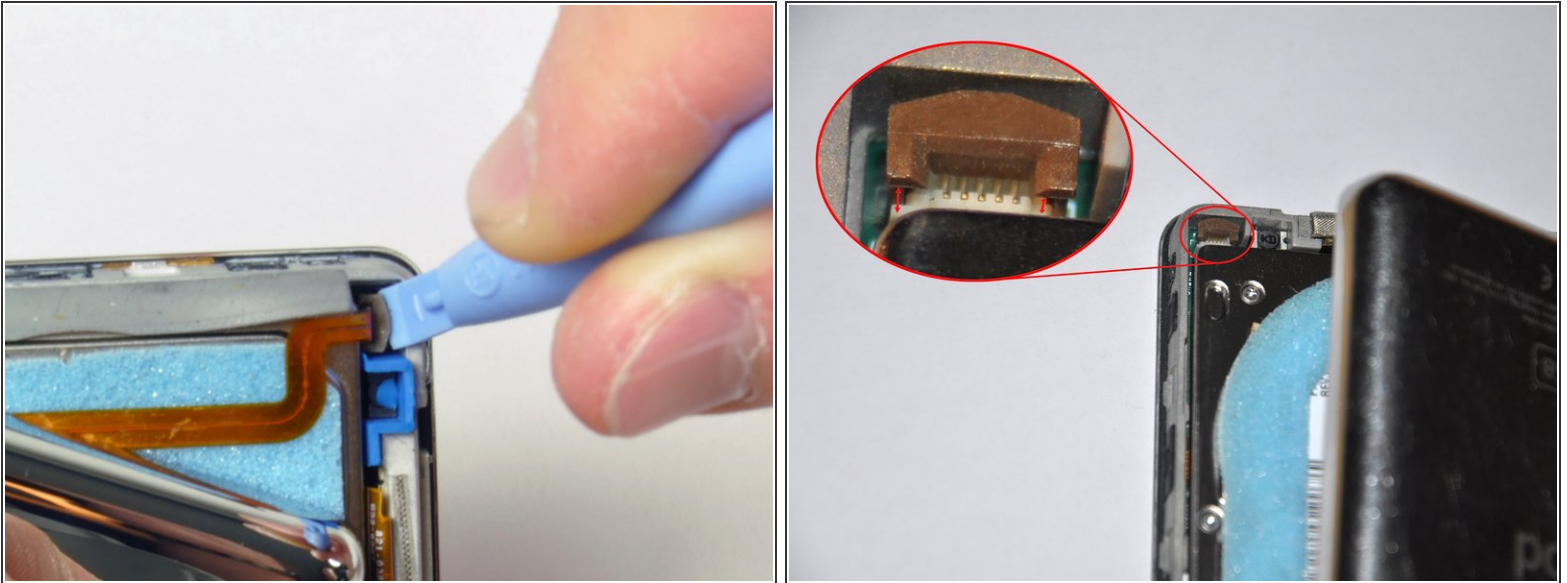
Step 5



- Gently glide the iPod opening tool on the top of the display, making sure to free the retaining clips.
- The other sides of the iPod should now easily come loose. If they do not, use iPod opening tools on the right side of the iPod in the same way as on the left side of the iPod.
- Separate the front of the iPod from the back about an inch (or a couple of centimeters).

 The iPod casing is now open, but don't completely separate the two halves just yet. Two ribbon cables are still connecting the back panel to the rest of the iPod.

Step 6



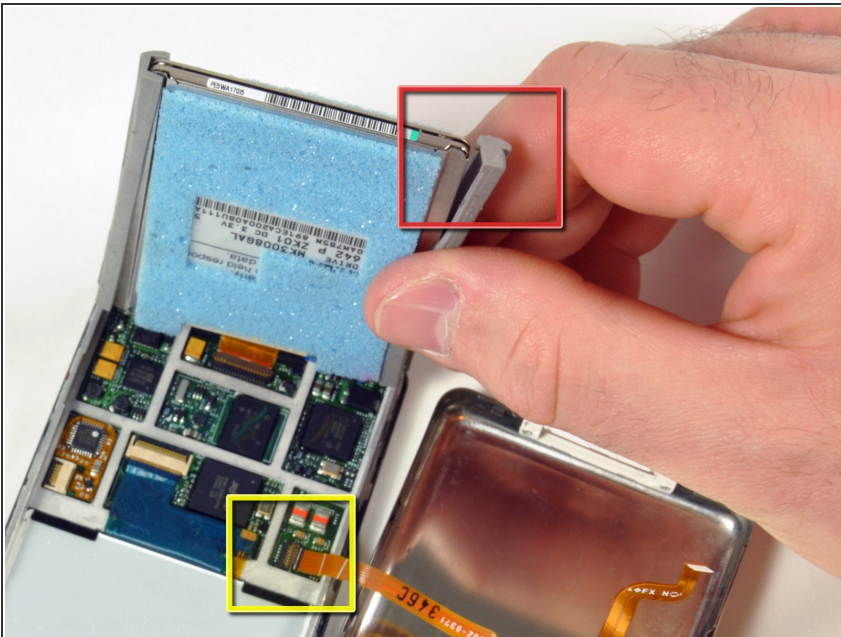
- Use angled tweezers or an iPod opening tool to slide up the brown connector latch, holding the orange battery ribbon cable in place. Make sure you pull from both sides of the latch. You only need to lift the brown connector latch up about 1-2mm to free the cable. Do not lift more or remove the latch, or you might pull the white connector with it!
- ⚠ Don't lift up too far or you could pull the battery connector out of the logic board.
- ⚠ Make sure to slide the brown connector directly upwards. The connector is frail and will break if it is accidentally shifted to the side. The connector has hooks at the bottom to hold the cable in place. As soon as you break one of the arms you will have problems putting the battery cable back on. If it breaks put the cable in the slot and then push the brown holder in place to keep the cable from slipping out.
- Remove the cable from the connector.

Step 7



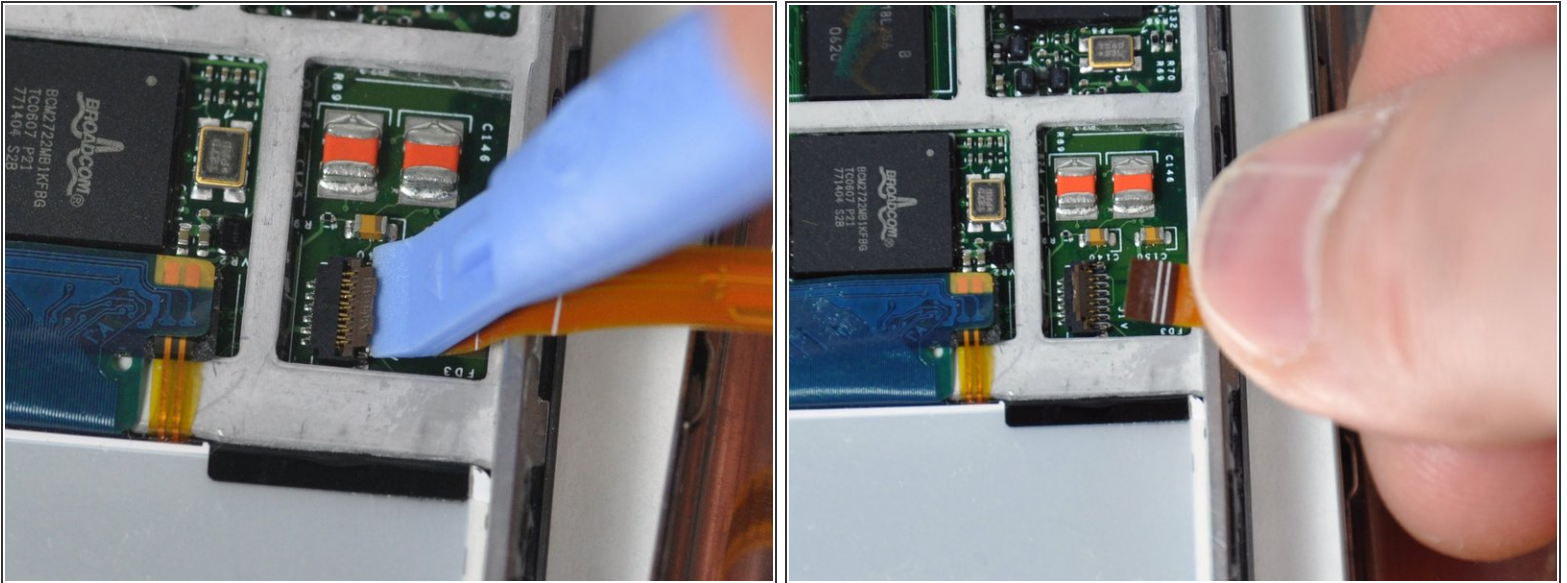
- You should now have one orange ribbon cable still attaching the front case to the back.
- At this point you are able to remove and replace the blue rubber bumpers, or continue with separating the case.
- ⓘ Separating the case is not necessary to complete battery replacement but may facilitate ease of replacement. It does require removing an extra cable at some risk of damage during removal.

Step 8



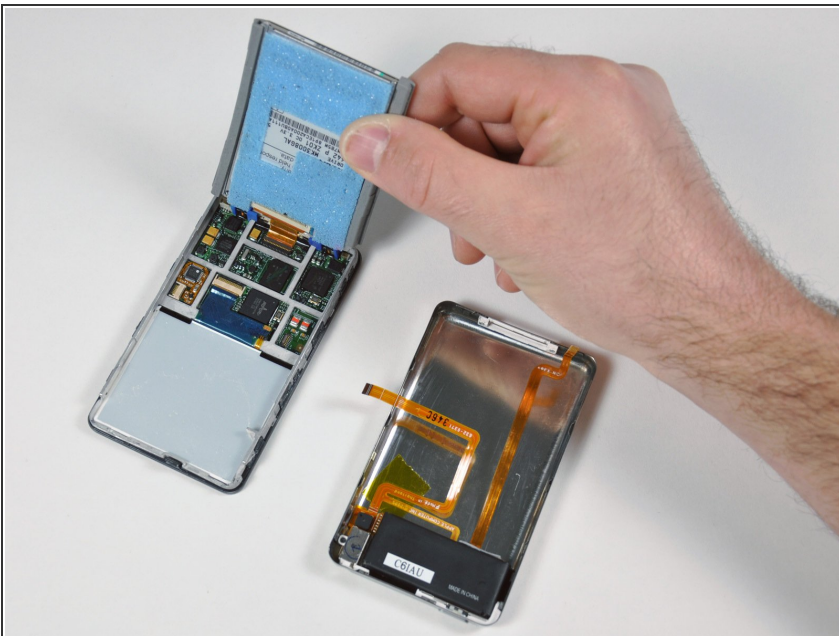
- Lift up the hard drive to expose the headphone jack ribbon connector (indicated by the yellow box).
- ⓘ If the hard drive bumpers come loose, make sure to put them back with the notch as shown in the picture.

Step 9



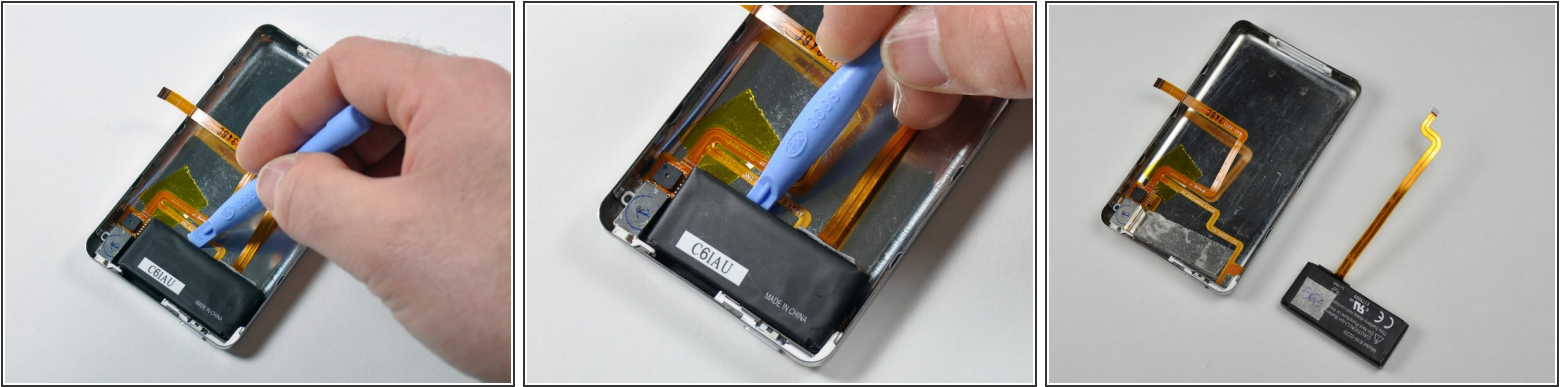
- With the iPod opening tool, gently lift the brown tab of the headphone ribbon cable connector. The tab will rotate up 90 degrees, releasing the ribbon cable.
- Using your fingers, pull out the headphone jack ribbon cable.

Step 10



- The front and back of the iPod should now be completely separated.

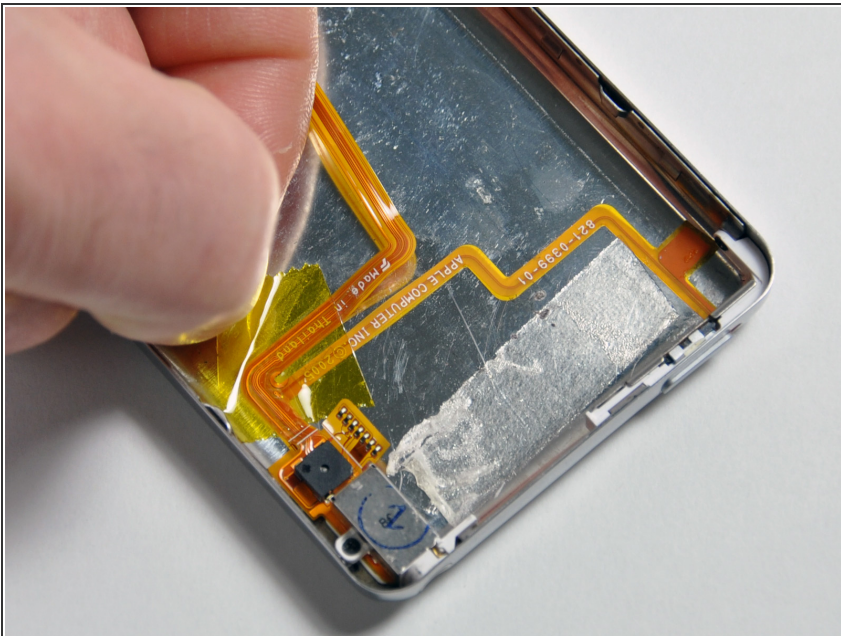
Step 11 — Battery



 Be careful not to damage any of the headphone or battery ribbon cables while performing this step.

- Insert an iPod opening tool in between the metal case and battery at the location illustrated by the picture.
- Gently wiggle the tool while pushing it further in between the battery and back case. The adhesive holding the battery should give, allowing the battery to be removed from the rear panel.

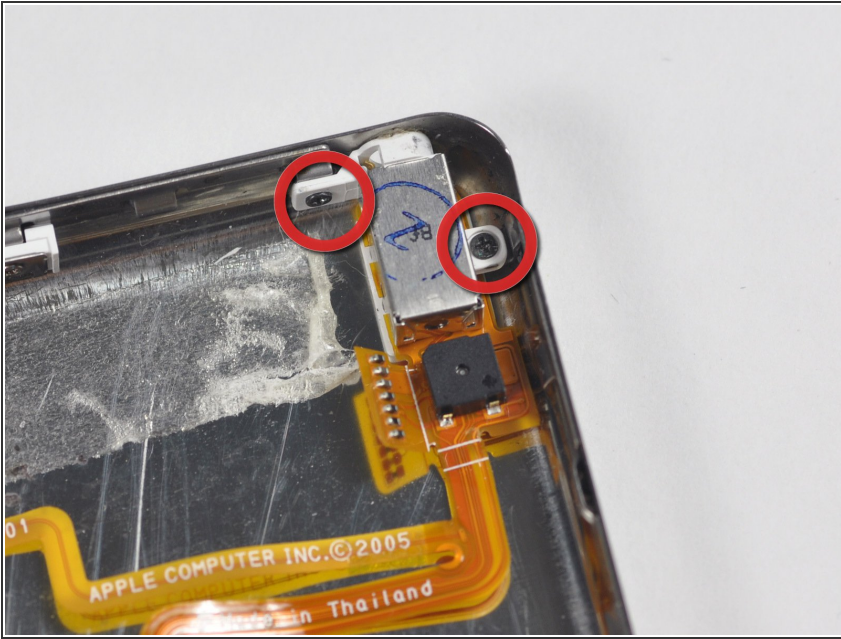
Step 12 — Headphone Jack & Hold Switch



 Be very careful when performing this step, since the orange ribbon cables can easily be broken.

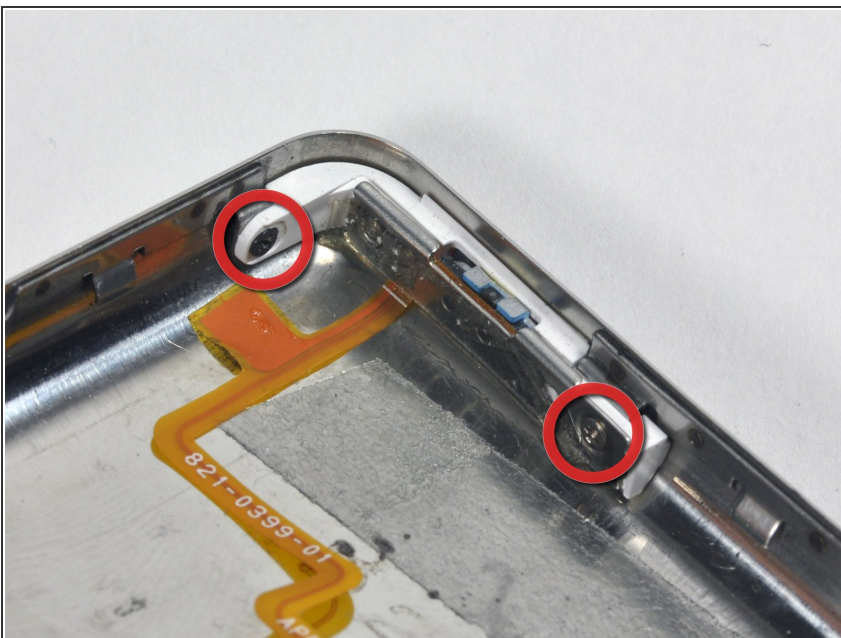
- Peel off the tape holding the ribbon cables in place.

Step 13



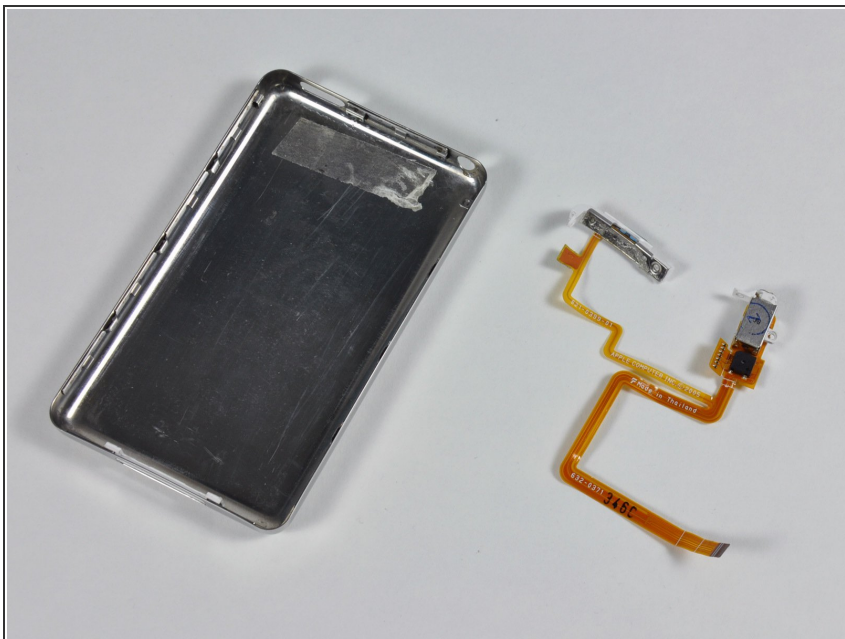
- Remove the two black Phillips screws that are securing the headphone jack to the lower casing.

Step 14



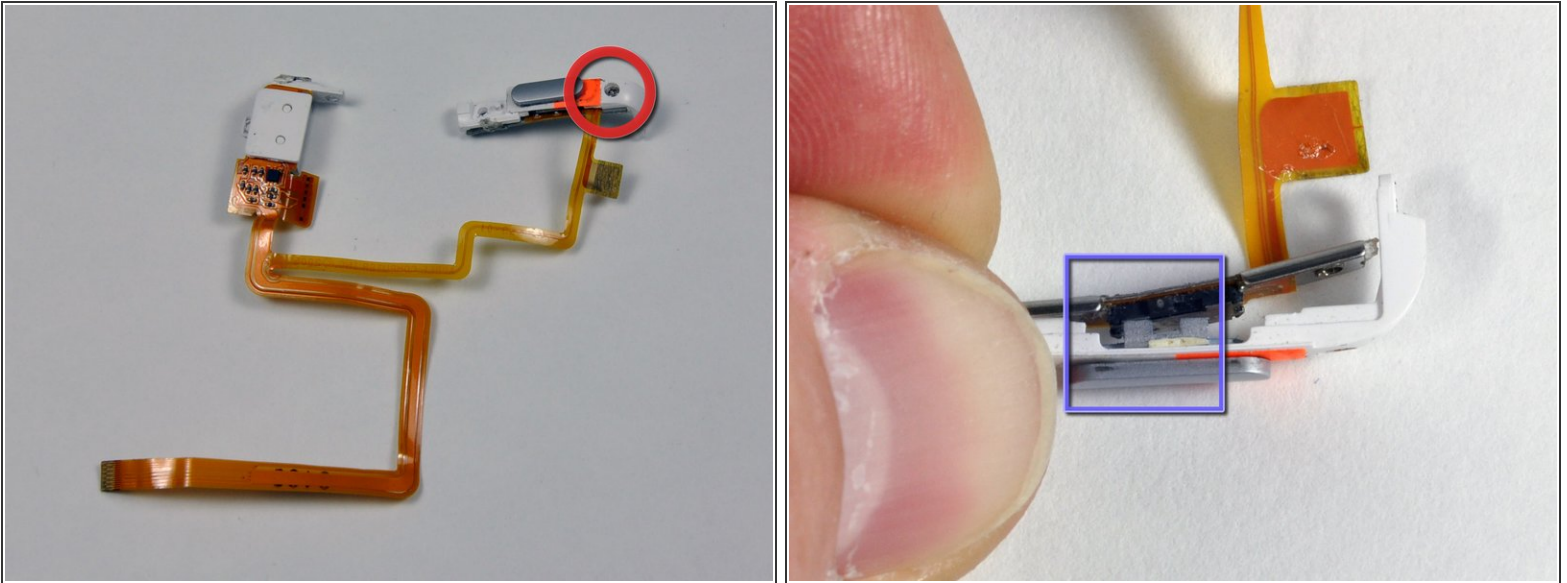
- Remove the following two screws:
 - One black Phillips screw securing the hold switch near the corner of the iPod.
 - One silver Phillips screw securing the other side of the hold switch.
- ⓘ Side Note: When reassembling the iPod, a touch of white Elmer's glue on the end of your screwdriver helps hold these little screws on your screwdriver to make it easier to screw them in.

Step 15



- Lift the Hold switch free of its housing on the rear panel.
 - Slide the headphone jack out of its housing on the rear panel.
 - Lift the headphone jack and hold switch assembly out of the iPod.
- ⓘ If you are removing the Hold switch and headphone jack to replace the back panel, you may stop here.

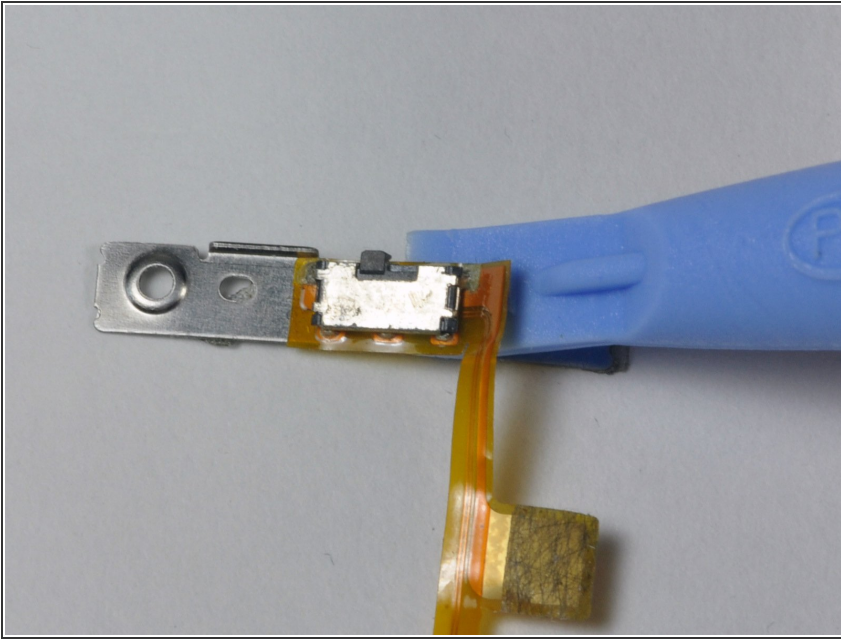
Step 16



- i** If your replacement headphone jack includes the white plastic hold switch, simply reinstall the headphone jack. If your replacement part does not include the plastic hold switch, follow the next steps to transfer the plastic hold switch to your new headphone jack.
- i** If you're just trying to remove the rear panel, you can skip Steps 15 and 16.

 - Remove the single Phillips screw nearest to the hold switch. *Note: You may find adhesive holding the back of the screw in place.*
 - Lift the plastic portion of the Hold switch away from the orange ribbon cable.
- ✦** Ensure that the black notch lines up with the gray slider during reassembly of the switch (see picture 2).

Step 17



- Use the small iPod opening tool to carefully peel the orange ribbon cable and attached black Hold switch up from the metal backing.
- ★ When re-attaching the replacement Hold switch, make sure the two small posts on the back of the switch are aligned with the two holes in the metal backing.

Step 18 — Rear Panel



- You are now able to replace the rear panel of the iPod.

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