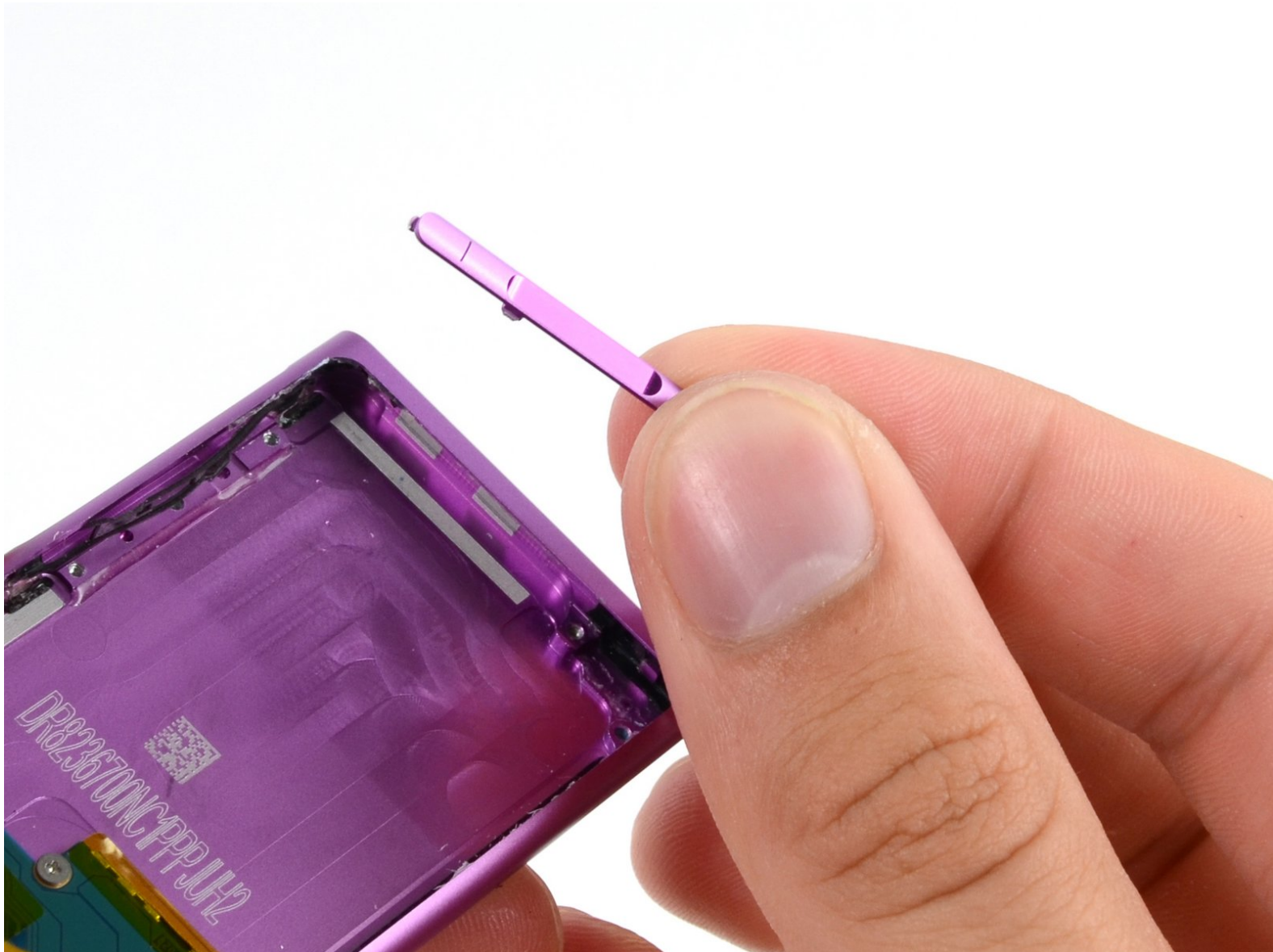# iPod Nano 7th Generation Volume Rocker Replacement

Replace the volume rocker button on your 7th Generation iPod Nano.

Written By: Sam Goldheart

INTRODUCTION

Use this guide to replace the external volume rocker on your iPod. The volume control buttons are soldered to the logic board, this guide will only show you how to replace the button cover, not the mechanical buttons.

🔧 TOOLS:

- iOpener (1)
- Phillips #000 Screwdriver (1)
- iFixit Opening Tools (1)
- Spudger (1)
- Tweezers (1)

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Step 1 — iOpener Heating

(i) We recommend that you clean your microwave before proceeding, as any nasty gunk on the bottom may end up stuck to the iOpener.

● Place the iOpener in the center of the microwave.

⚠️ For carousel microwaves: Make sure the plate spins freely. If your iOpener gets stuck, it may overheat and burn.

Step 2

- Heat the iOpener for **thirty seconds**.

- Throughout the repair procedure, as the iOpener cools, reheat it in the microwave for an additional thirty seconds at a time.

- ⚠ Be careful not to overheat the iOpener during the repair. Overheating may cause the iOpener to burst.

- ⚠ Never touch the iOpener if it appears swollen.

- ⚠ If the iOpener is still too hot in the middle to touch, continue using it while waiting for it to cool down some more before reheating. A properly heated iOpener should stay warm for up to 10 minutes.

Step 3

- Remove the iOpener from the microwave, holding it by one of the two flat ends to avoid the hot center.

- ⚠ The iOpener will be very hot, so be careful when handling it. Use an oven mitt if necessary.

Step 4 — Front Panel Assembly

- Lay the iOpener over the plastic tab to loosen the adhesive. Let the bag sit on the device for approximately 90 seconds before attempting to open the panel.

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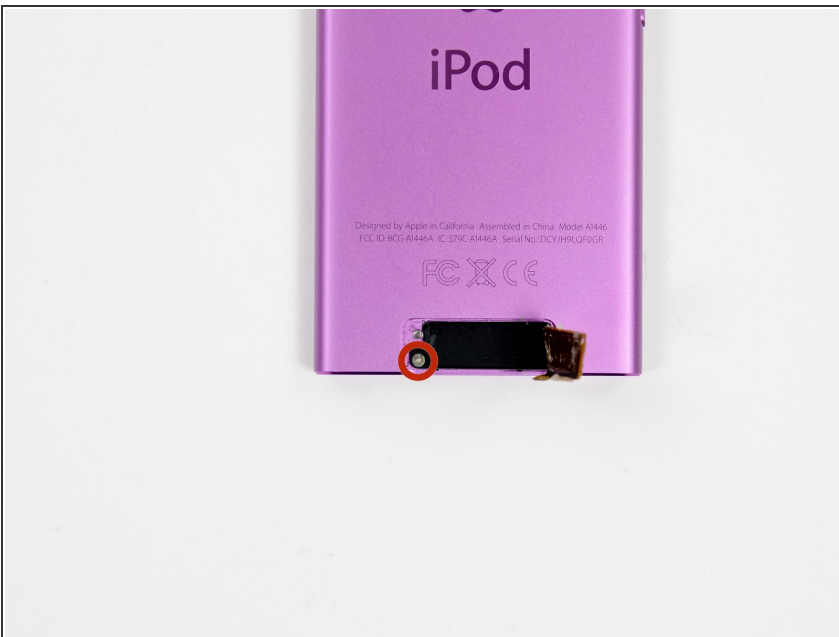
Step 5

- Use a plastic opening tool to pull the rear plastic cover away from the device until there is enough room to insert a spudger.

- Insert a spudger under the cover, then pry it up and away from the device.

- Remove the rear plastic cover from the iPod.

⚠ Be very careful in removing the plastic cover as the bluetooth antenna is adhered to it.
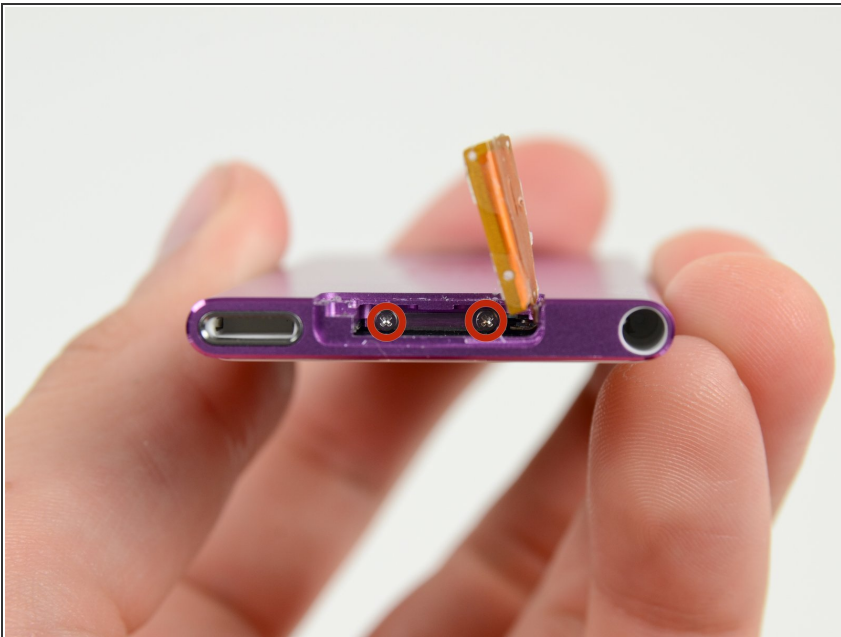
Step 6

- ⓘ Gently bend the Bluetooth antenna to the right, out of the way of the screws in the bottom of the device.

- Remove the single 1.4 mm Phillips #000 screw from the black plastic spacer.

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Step 7

- Use a plastic opening tool to remove the black plastic spacer from the Nano.

Step 8

- Remove the two 2 mm Phillips #000 screws from the bottom of the case.

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Step 9

- Insert a plastic opening tool into the seam between the white plastic front panel and the rear case.

- Slide the opening tool along the edge of the front panel to free it from clips and adhesive.
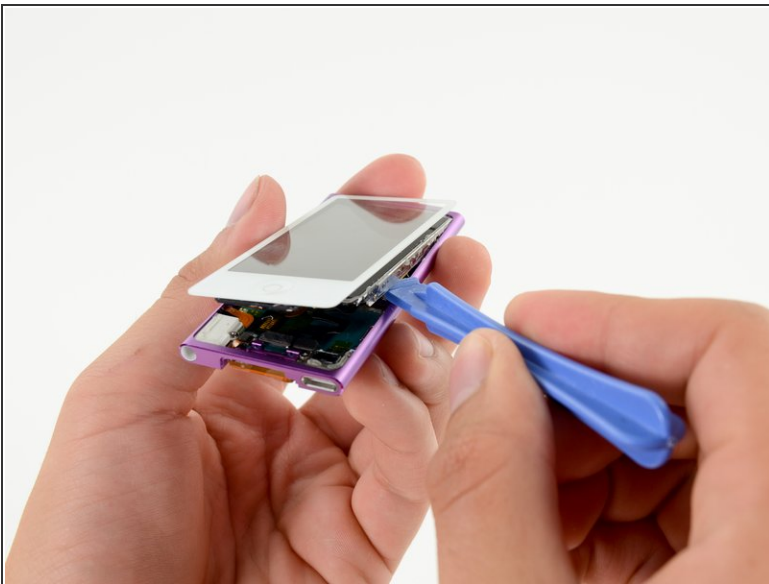
Step 10

- Use a spudger to press the midframe screw tab up and out of the rear case.

Step 11

- Use a metal spudger to carefully pry near the Lightning connector and under **all** parts of the front panel assembly: the front glass/digitizer, the LCD display and the metal midframe.

- (i) The adhesive under the metal midframe/display assembly is quite strong and the components are fragile, so go slowly and gently. Make sure you do not bend the LCD screen.
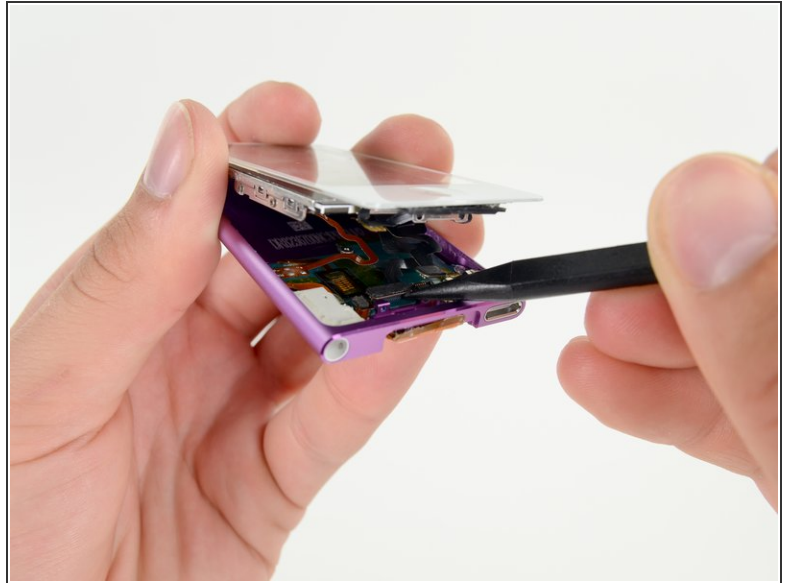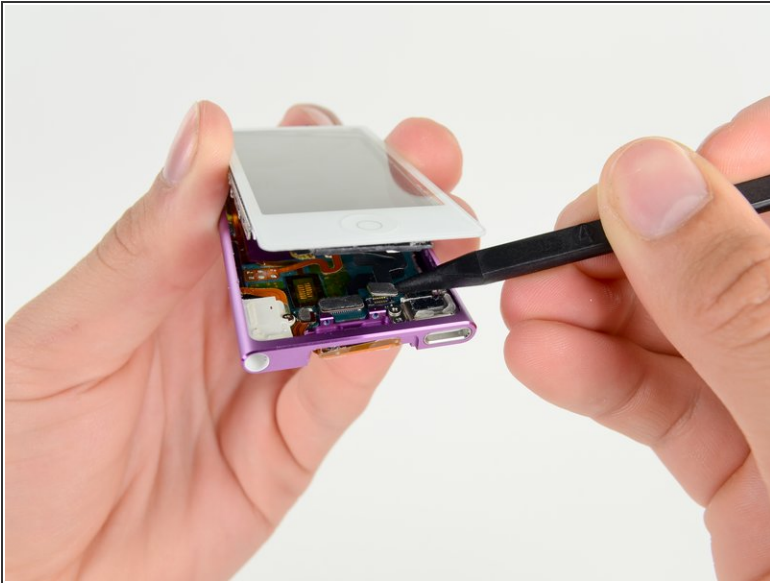
Step 12

- Continue prying along the edges under the front panel assembly, releasing the clips and adhesive along the sides of the device.

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Step 13

- Pull the front panel assembly slightly down and partially out of the device.

- ⓘ You only need to open the device enough to gain access to the display cable connectors near the sleep/power button.

- ⚠ **Do not** separate the two halves entirely, they are still connected by several cables.
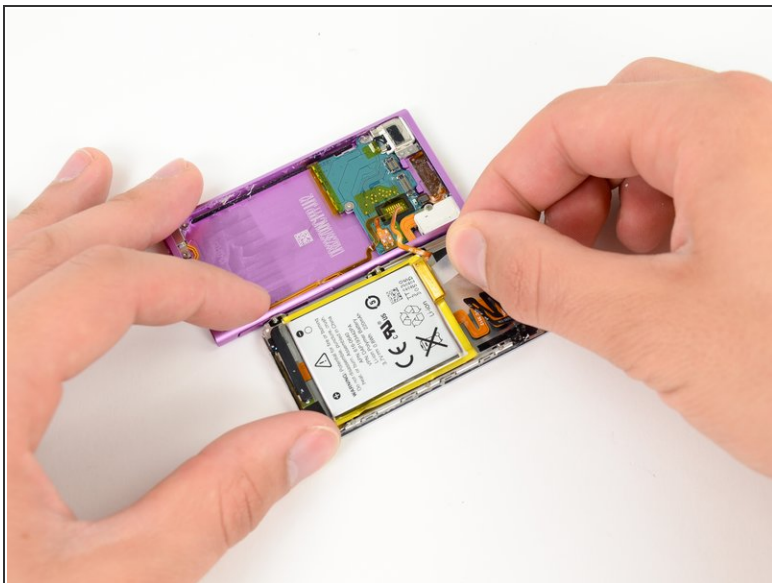
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Step 14

- Use a spudger to release the digitizer cable and display data cable connectors.

Step 15

- Gently unfold the two halves of the device to access the internal components.

- ⚠️ **Do not** try to completely separate the two sections, yet, as they are still attached via a soldered cable.

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Step 16

- Pull up on the battery pull tab to free the battery from its adhesive.

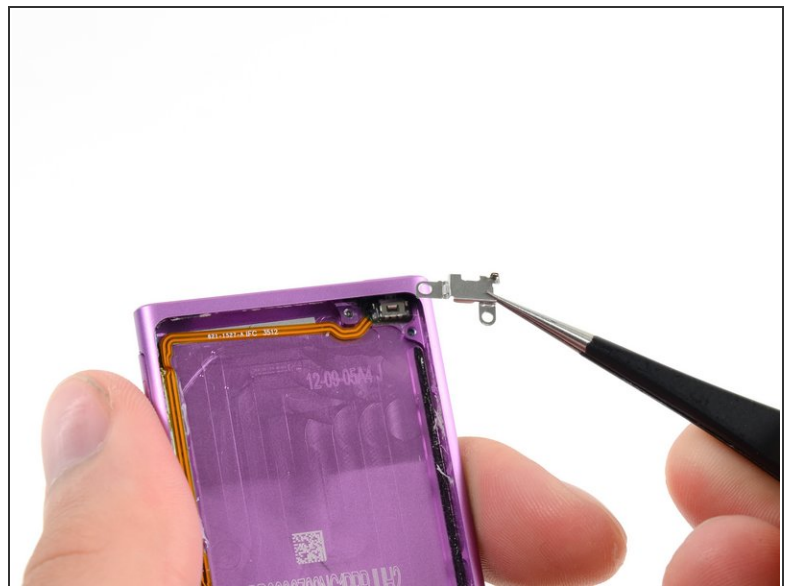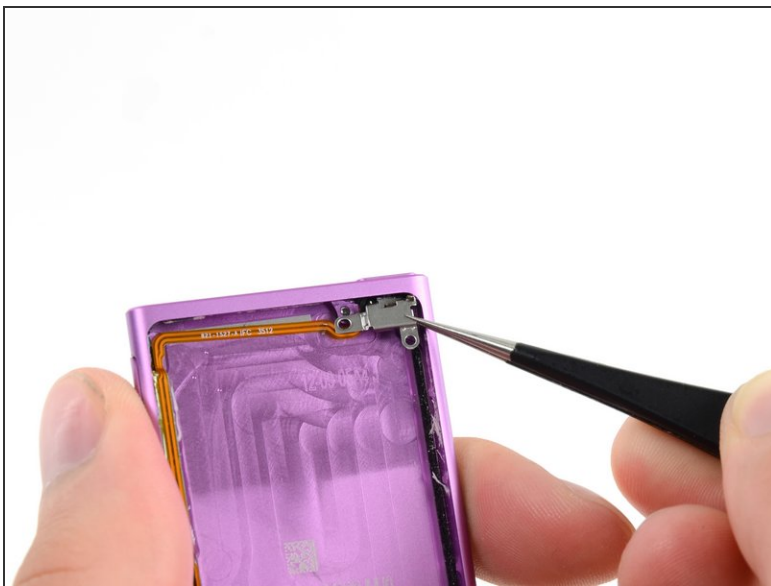- (i) Flip the battery over into the rear case for safekeeping.

Step 17

- Completely separate the front panel assembly from the rest of the device.

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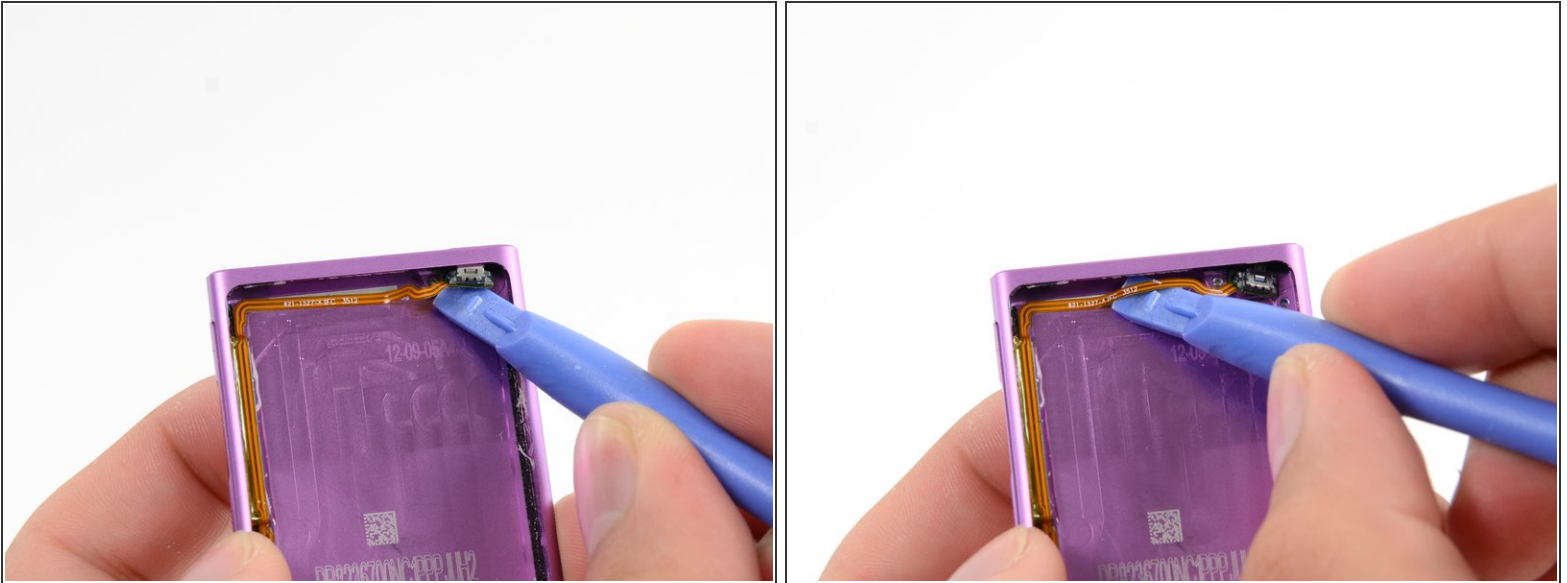
Step 18 — Volume Rocker

- (i) Flip the battery down over the logic board to gain access to the sleep/power button assembly.

- Remove the two 1.4 mm Phillips #000 screws from the sleep/power button bracket.

Step 19

- Remove the bracket with a pair of tweezers.

Step 20

- Insert a plastic opening tool under the sleep button, and gently pry upwards to free it from its adhesive.

- Slide the plastic opening tool along the underside of the sleep button ribbon cable.

- (i) Continue freeing the ribbon cable until you can access the volume buttons on the left side of the rear case.
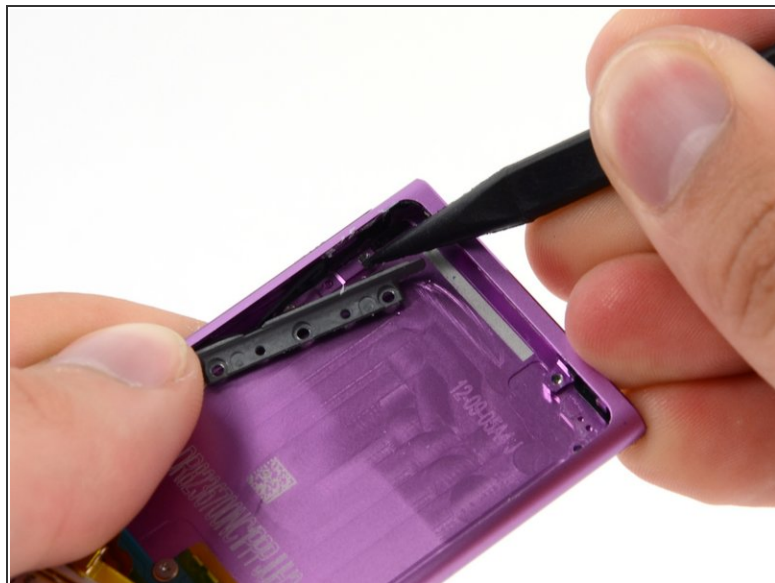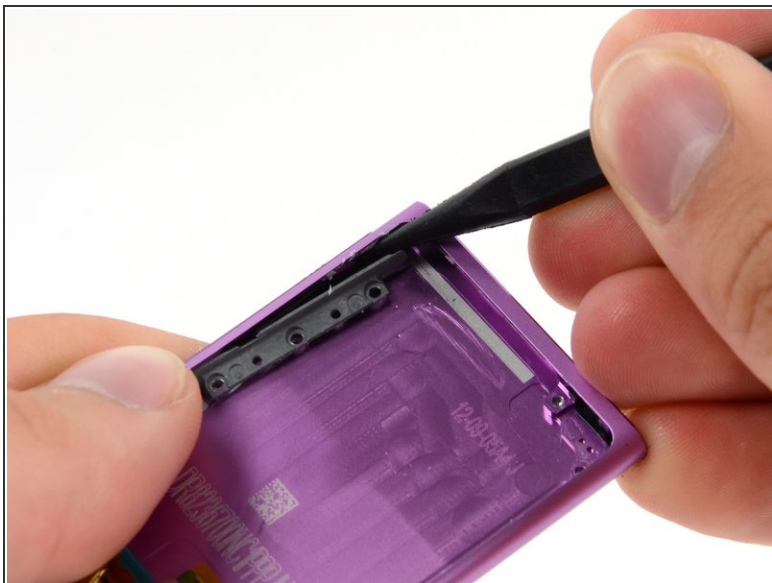
Step 21

- Peel back and remove any tape covering the volume control button assembly.

Step 22

- Remove the three 1.4 mm Phillips #000 screws securing the volume control button assembly to the rear case.

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Step 23

- Use the pointed end of a spudger to pry the volume control button assembly away from the edge of the case.

⚠ **Do not** remove the volume control button assembly from the device entirely; it is still connected to the logic board assembly by a soldered cable.

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Step 24

- Using a spudger, gently push the volume rocker into the device from the outside.

⚠️ The volume rocker is tucked into a thin rubber gasket. Try not to stretch the gasket too much as it may tear.

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Step 25

- Remove the volume rocker from the gasket and rear case.

- ⭐ During reassembly, use the pointed end of a spudger to fold the rubber gasket down away from the side of the case. Slip the volume rocker back into its recess and resettle the gasket.

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