



# Samsung Galaxy S II T989 Volume Control Button Replacement

This guide provides instructional steps on how to access and replace the volume control button on the side of the phone.

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## INTRODUCTION

The volume control button is a simple plastic button that increases or decreases the volume. This button is attached to the frame of the phone and activates the volume controlling circuitry on the motherboard when pressed.



### TOOLS:

- [Phillips #0 Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
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## Step 1 — Rear Cover



- To remove the rear cover, locate the tab indicated by the red outline.
- Using your fingernail, gently pry the rear cover.

## Step 2 — Battery



- ⚠ Turn off the phone before removing battery.
- The battery can be removed from the phone by applying an upwards pressure to the bottom right edge of the battery, as indicated by the red rectangle.
- After the battery starts to lift upwards, use your hand to hold and remove it.



### Step 3 — SIM Card



- The SIM card is the small white rectangle located in the red rectangle.
- To remove the SIM card, press down on the card and slide it to the left, until it no longer is in contact with the metal.

### Step 4 — Media Card



- The media card is found inside the area indicated with the red rectangle. The card itself is small and black making it hard to easily see.
- After locating the card, gently use your fingers to slide the card to the right, until the card is no longer in contact with the metal.

## Step 5 — Inner Plate



- The inner plate is held on by six screws that are 1/16 of an inch (1.6 mm).
- Remove the screws with a Philips head precision screwdriver.
- Place all screws someplace that they will not easily be lost, such as a magnetic mat or a plastic bag.


## Step 6



- ⚠ When removing the inner plate, place device on grounded surface or use anti static wrist band.
- After the screws have been removed, the only thing holding the inner plate in is several plastic tabs built into the frame of the phone.
- Firmly pinch the edge, as shown in the picture, and pull the plate away from the frame.
- If you cannot get a grip on the inner plate, consider using the spudger to pry and lift the plate out.

## Step 7 — Motherboard



 The motherboard holds many delicate components, improper handling can result in the destruction of these components.

- To remove the motherboard, first undo the three tabs, indicated by the red outlines, using either a small flat-head screwdriver or your thumbnail.
- In addition to the three at the top of the motherboard, there is a fourth tab at the bottom of the phone that will need to be opened as well.



## Step 8



- After all the tabs are unplugged, carefully apply pressure to the edges of the motherboard and lift upwards.
- If the motherboard does not lift up, you may need to wiggle it left and right to free the corners from the areas where the case screws were placed.

## Step 9 — Volume Control Button



- Lift the tab indicated by the red rectangle using a pair of tweezers.

## Step 10



- After the tab has been lifted press the volume control button inwards until it is free of the frame.
- A pair of tweezers could be used to help aid in removing the volume control button from the frame.

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