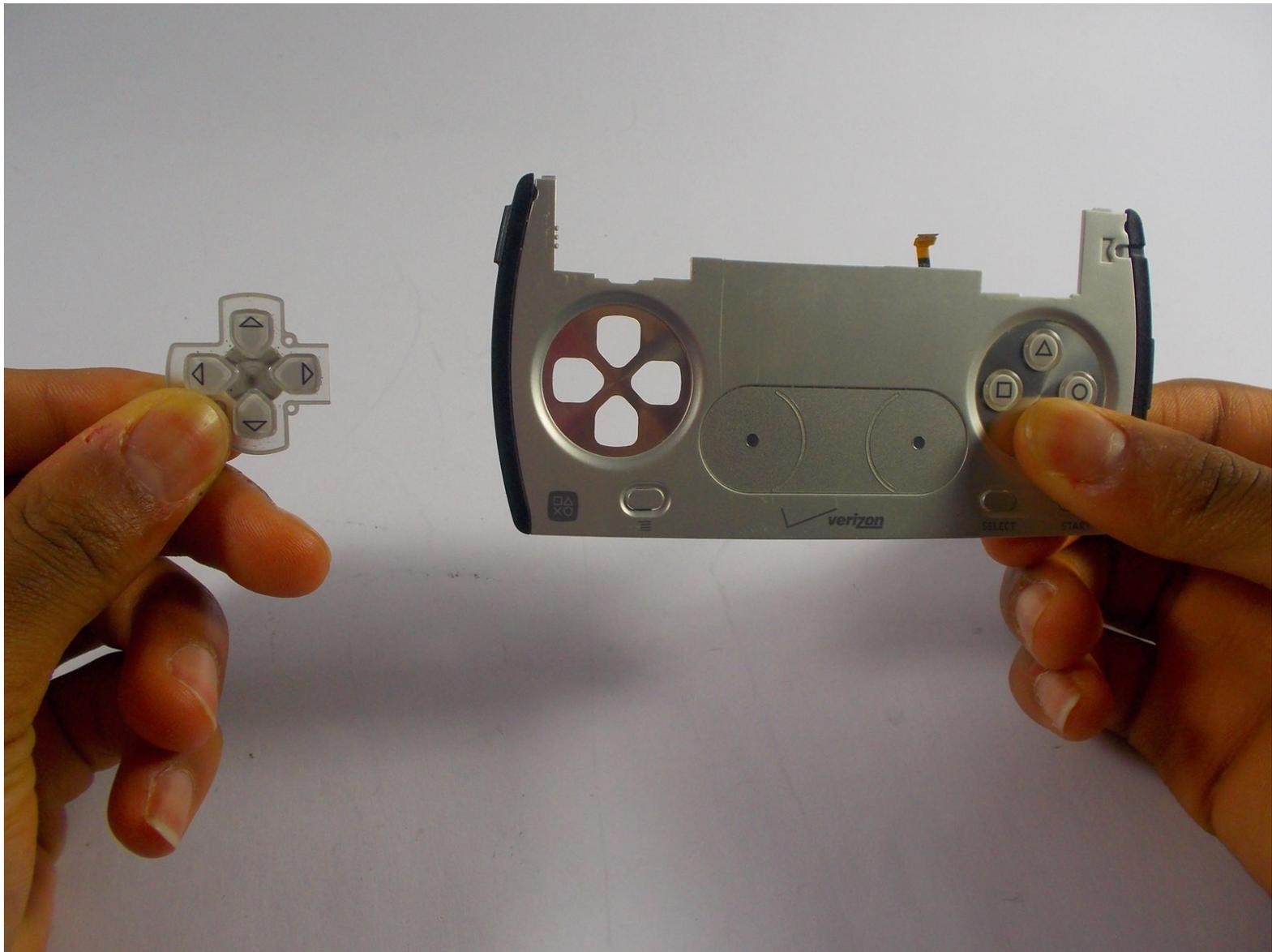




# Controller Plate/Buttons Replacement

This guide will explain how to change the controller plate and its buttons. If your devices touch-pad joysticks no longer work, look here.

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 **TOOLS:**

- [iFixit Opening Tools](#) (1)
  - [Tweezers](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Controller Plate/Buttons Replacement



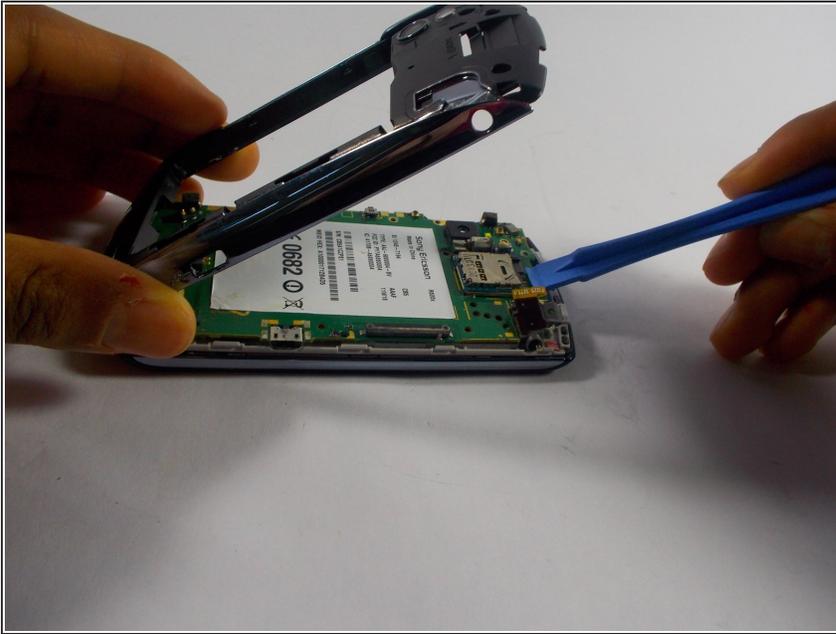
- Follow the Prerequisite Guide on how to Replace the Battery to prepare the phone for disassemble. Remove, but do not replace the battery.

## Step 2



- Remove all screws on the plastic case with a T6 Torx T-4 screwdriver, as shown.
- ⓘ Blue Circle: T6 Torx, Length 5mm
- ⓘ Red Circle: T6 Torx, Length 4mm
- ⚠ The screen and other parts are now loose and can easily fall off.

### Step 3



- Separate the back cover from the phone. A plastic removal tool can be used here.

### Step 4



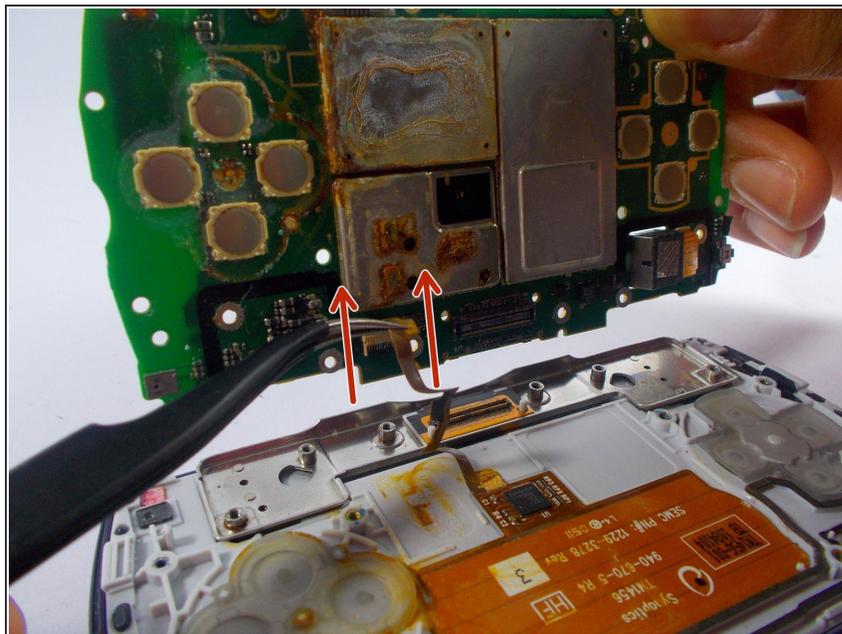
- Remove the last two screws holding the motherboard to the device.
- ⓘ Orange Circle: 00 Philips head, Length 2 mm
- ⚠ The screen and other parts are now loose and can easily fall off.

## Step 5



- Gently pull up the motherboard.  
Some force may need to be applied.
- ⚠ Some wires on the reverse side are still attached.
- ★ Make sure to line up the plastic connectors highlighted by the red circles when re-assembling.

## Step 6



- Break the data cable connection between the motherboard and the controller plate by gently pulling out the connecting wire with tweezers.
- When the device is orientated as shown in the picture, apply the force parallel to the motherboard and away from the device, as depicted by the red arrows.

## Step 7



- The entire controller plate should now be free from the phone. All the buttons can now be taken off by gently pressing them out.
- ⓘ If the touch-pad joysticks do not work, the entire plate needs to be replaced.

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