



# Garmin etrex Vista Cx Joy Stick Replacement

How to replace the joystick on the Garmin etrex Vista Cx.

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## INTRODUCTION

This guide illustrates how to remove and replace the joy stick for this device.

### TOOLS:

- [Metal Spudger \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [T4 Torx Screwdriver \(1\)](#)

## Step 1 — Battery



- Place the device with the back cover facing up and the metal ring visible.

## Step 2



- Lift the metal ring and rotate it counter-clockwise as shown. This will unlock the cover.

## Step 3



- Remove the cover by lifting straight up to insert or remove 2 AA batteries.

## Step 4 — Joy Stick



- Remove the rubber grip that goes around the side of the device.

## Step 5



- Underneath the rubber grip will also be a piece of tape over the plastic seam. You will need to take the metal spudger and break the tape along the seam.

## Step 6



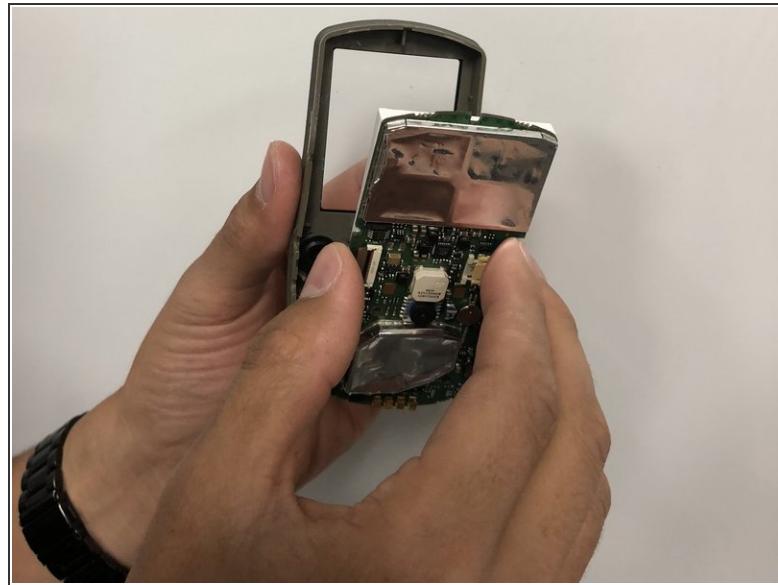
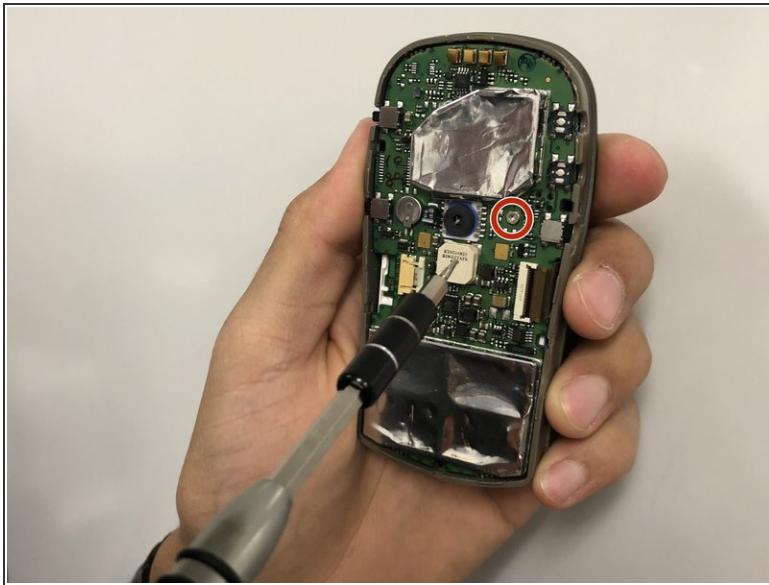
- Next you will have to use the plastic opening tool and pry at the bottom of the GPS. This will separate the front and the back of the device.

## Step 7



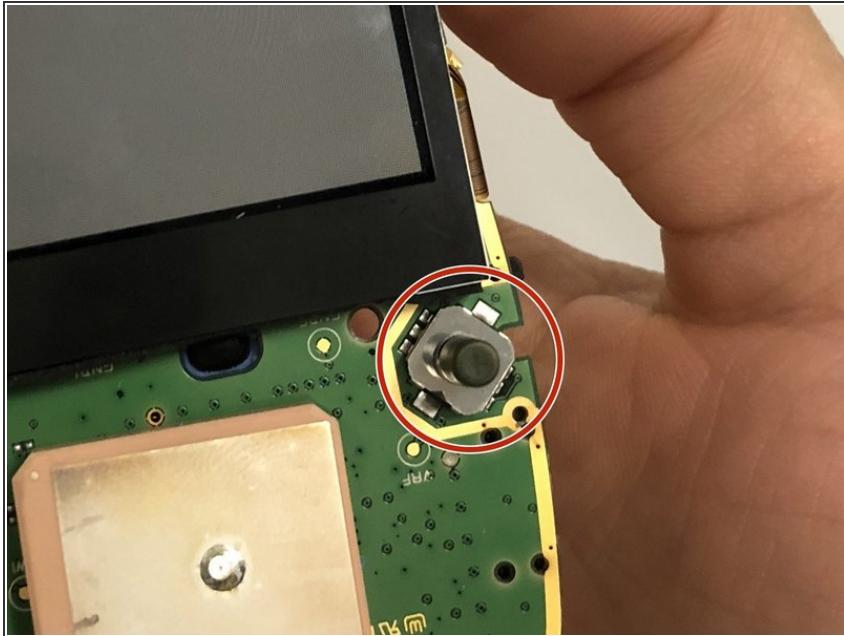
- After the front and back are separated, there will be a small ribbon cable holding them together. You will need to pull straight back on the cable with fingers. This cable will pull straight out.

## Step 8



- When looking at the motherboard you will notice there is one screw. To remove this, you will need a T4 bit in a nut driver. After you locate this screw you will need to remove it. The screw is 5 mm long.
- After the screw is removed, the motherboard will lift out of the plastic case.

## Step 9



- Locate the joystick on the motherboard.
- Use a solder iron to remove the joystick from the motherboard.

*i* In order to replace the joystick you have to purchase a new motherboard.

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