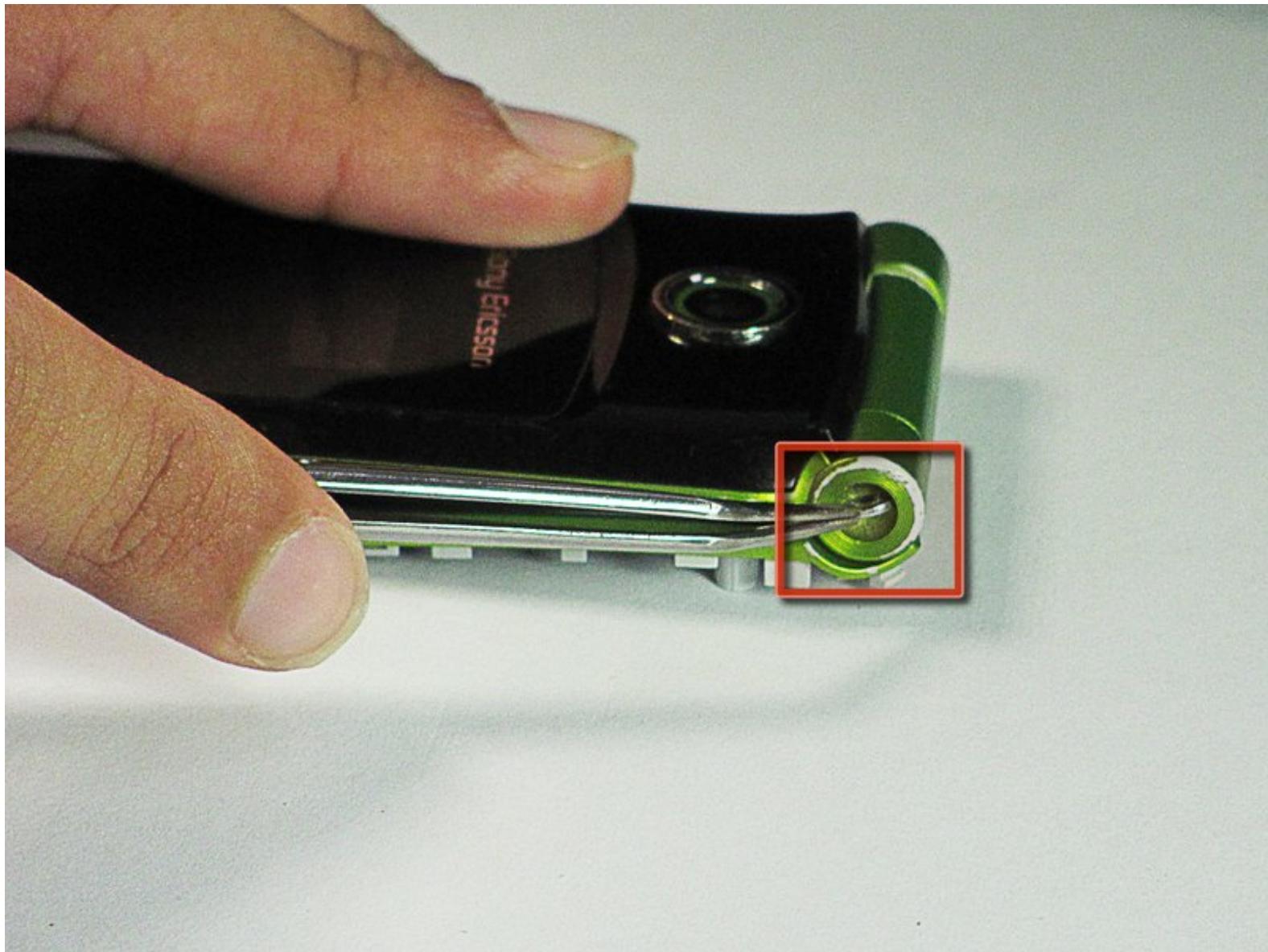




# Sony Ericsson TM506 Speaker, GPS, and Camera Replacement

Install a new speaker, GPS, and camera for the Sony Ericsson TM506 phone.

Written By: Daniel



## INTRODUCTION

This guide provides instruction for installing a ribbon containing a speaker, GPS and camera for the Sony Ericsson TM506 cell phone.

### TOOLS:

- [Paper Clip](#) (1)
- [iFixit Opening Tools](#) (1)
- [Push Pin](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [Tweezers](#) (1)

## Step 1 — Battery Cover



- Firmly hold the phone between your fingers with your thumb on the battery cover.
- Push down with your thumb until the battery cover comes off.

## Step 2 — Back Case



- Unscrew the bottom two 5.4mm screws with a Torx T6 screwdriver.

## Step 3



- Remove the two rubber casings for the top two screws with a plastic opening tool.

## Step 4



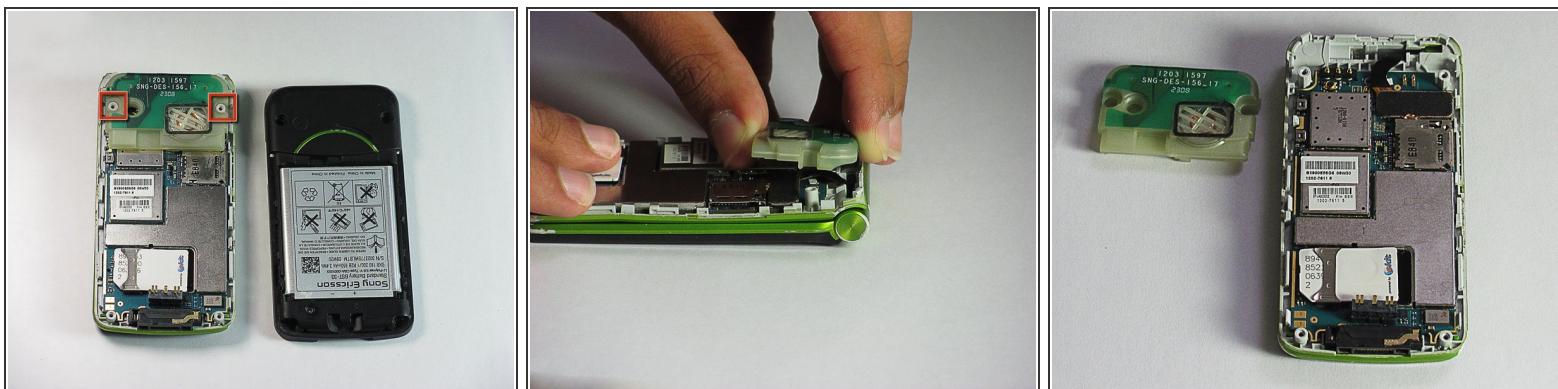
- Unscrew these two 5.4mm screws with a Torx T6 screwdriver.

## Step 5



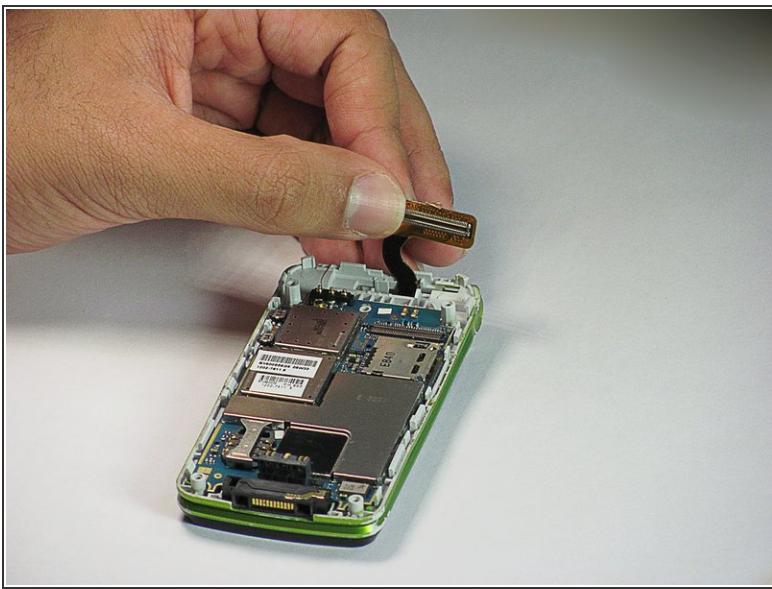
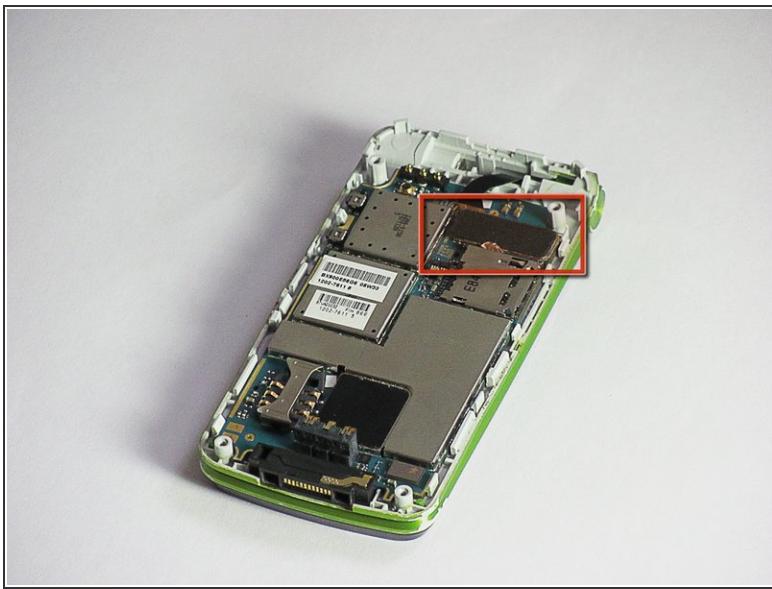
- There are eight snap hooks located around the outer case. Carefully snap these to remove the outer case.

## Step 6 — Sound Box



- The sound box is attached to the case by two snap hooks.
- Lift the sound box up to remove it from the case.

## Step 7 — Motherboard



- Locate the 80-pin connector.
- Carefully, lift up on the connector to separate it from the board.

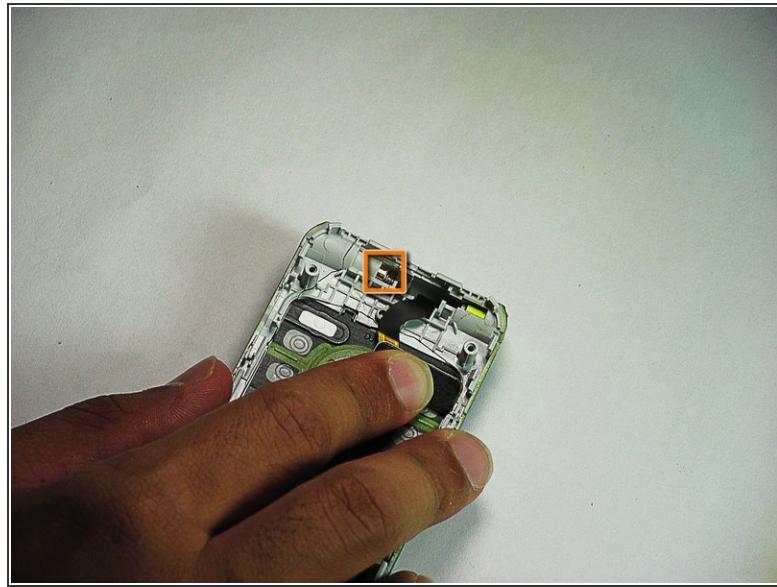
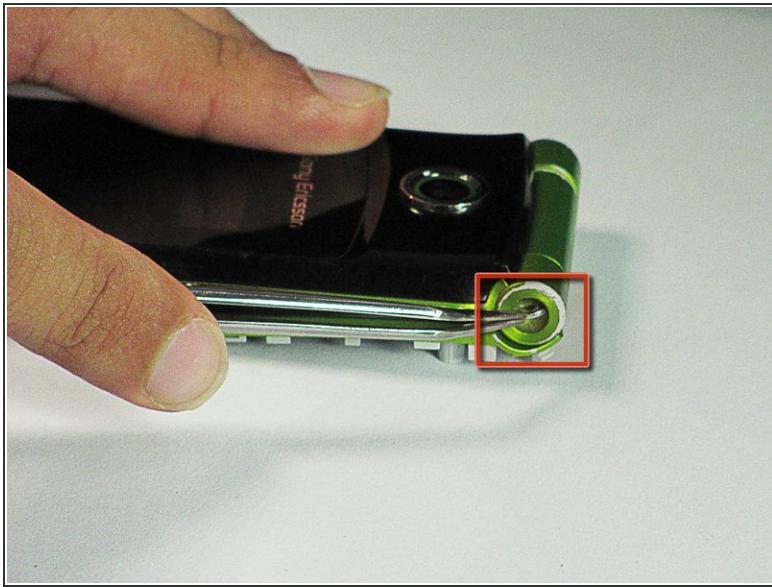
## Step 8



- There are two snap hooks that attach the motherboard to the case.
- Using a plastic opening tool, carefully lift up on the motherboard to detach it.

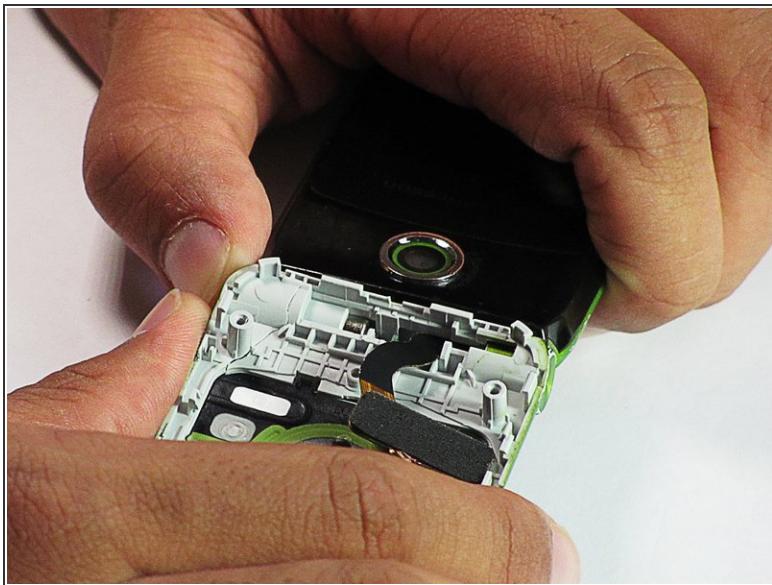
**⚠** The motherboard is extremely fragile. Try to be forceful yet delicate in the removal because it will not come off easily.

## Step 9 — Speaker, GPS, and Camera



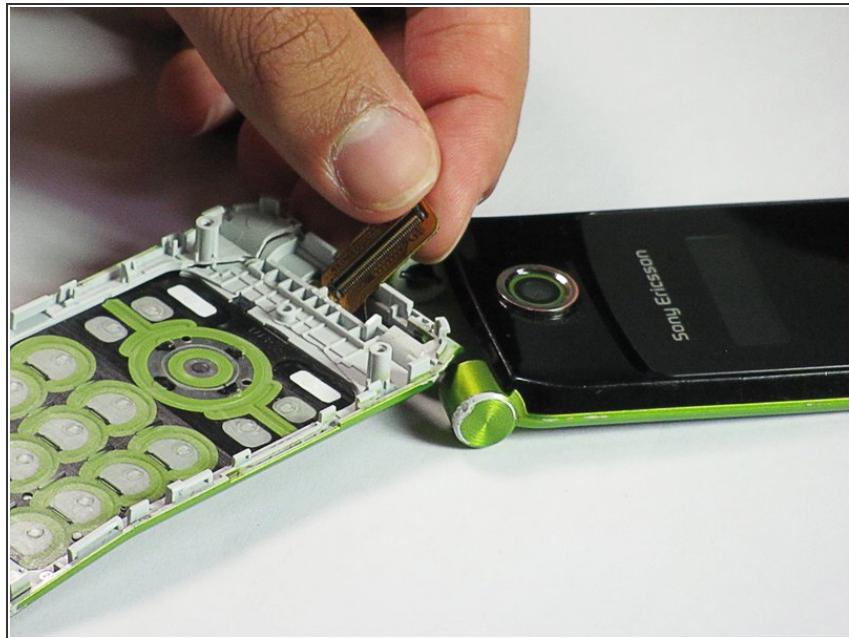
- Use tweezers to push the hinge stopper in until it can no longer be moved.
- The hinge stopper should be about 5.5mm in.

## Step 10



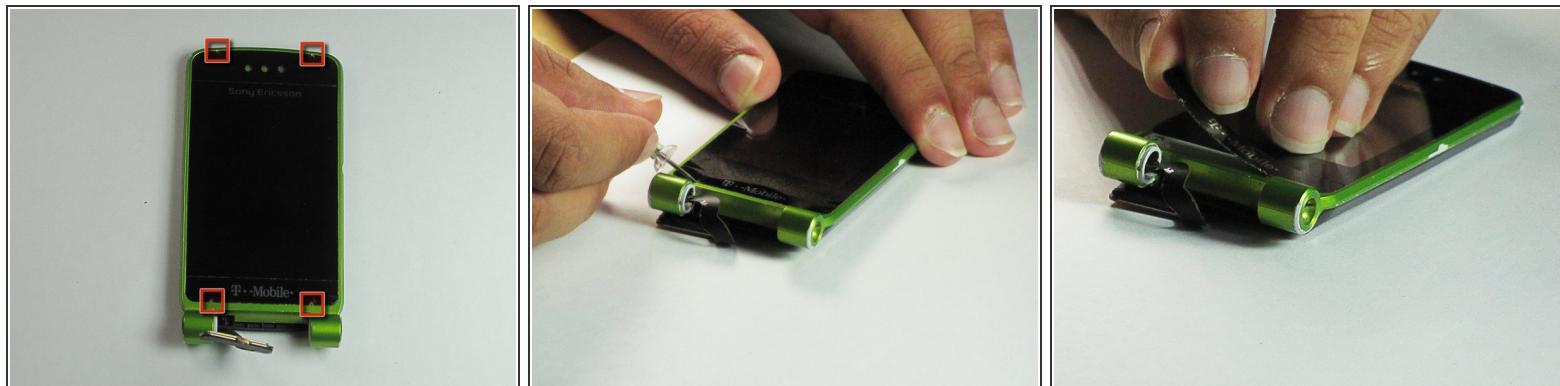
- Separate the bottom and top half of the phone from the hinge they are connected by.
- ⚠** Don't completely pull apart the two pieces or you will damage the ribbon.

## Step 11



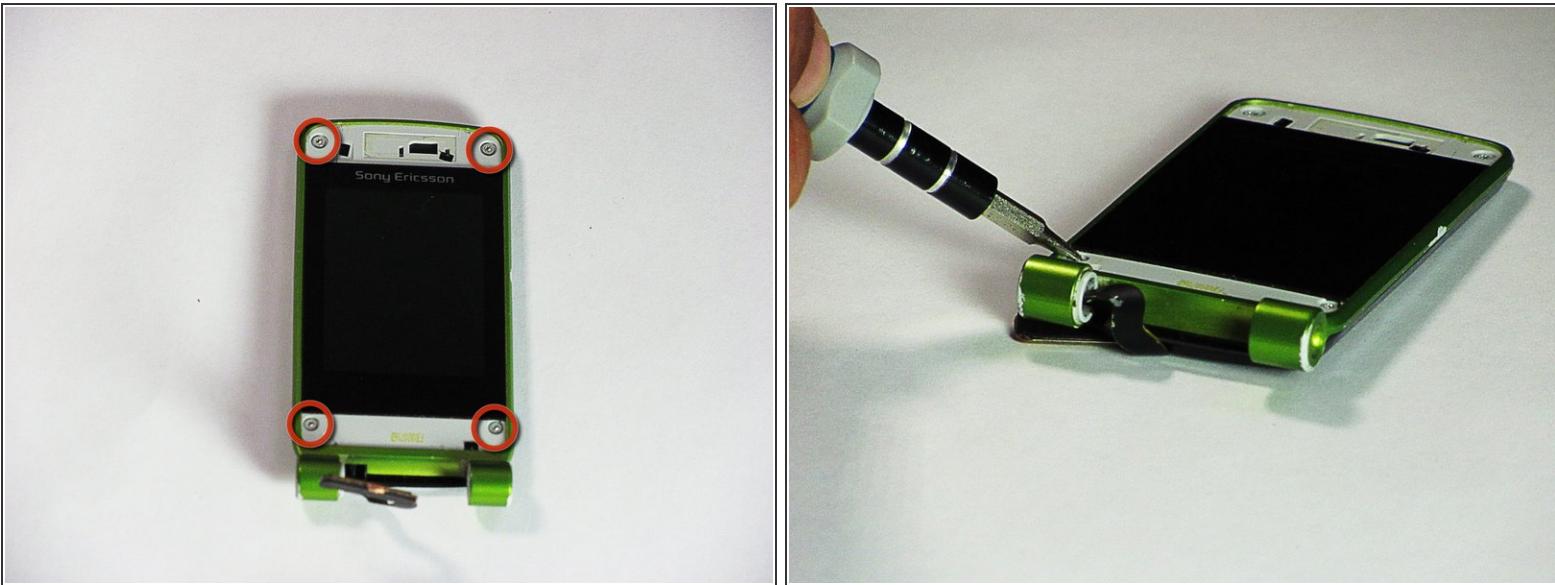
- Pull the ribbon through the opening in the hinge to completely separate the upper and lower halves of the phone.

## Step 12



- The top and bottom covers are held in place by adhesive. To remove them, use a pushpin in the four indentations indicated to remove.

## Step 13



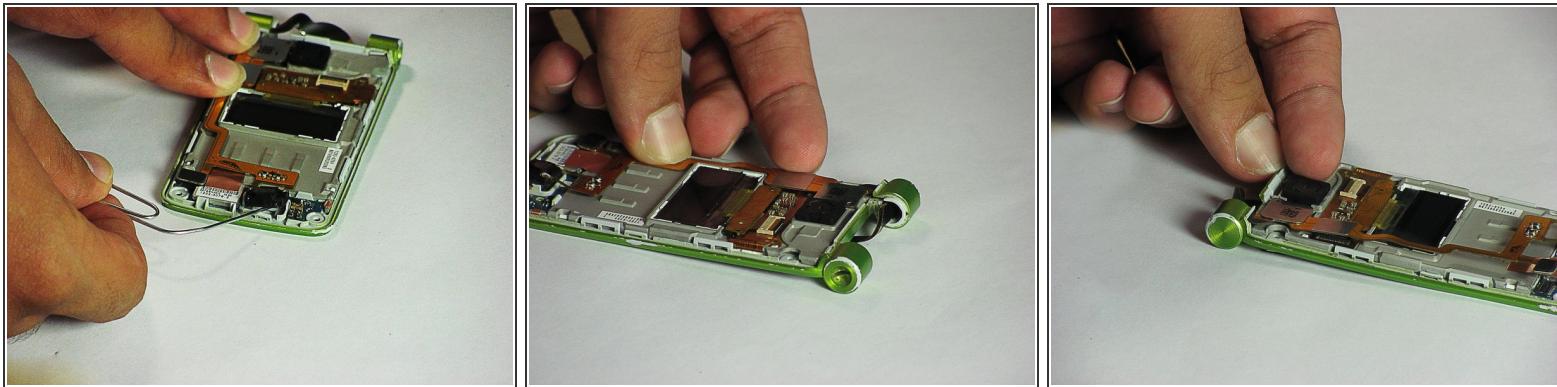
- Remove the four 5.4 mm screws with a Torx T5 screwdriver.

## Step 14



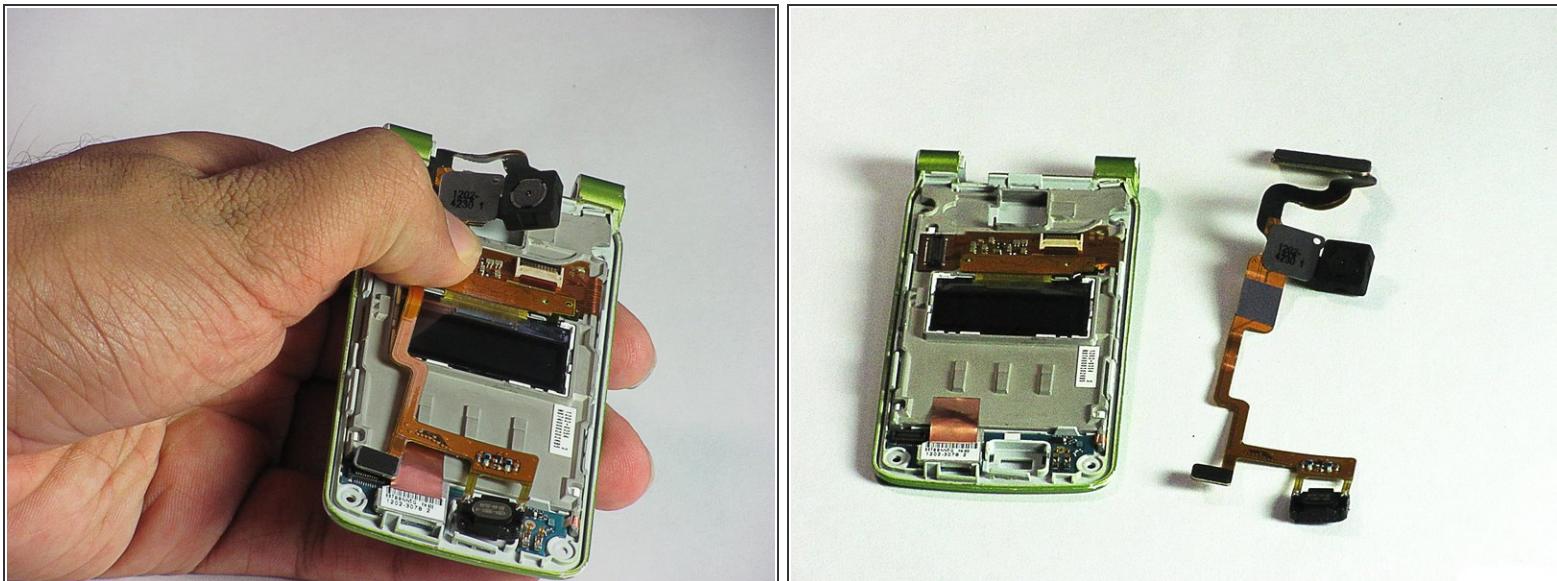
- Use a plastic opening tool in the indicated location and apply pressure until the case hook is detached. Then lift the case up until the two pieces are detached.

## Step 15



- Use a paperclip to detach the speaker from the case.
- Detach the GPS from the case by carefully lifting it up from the case.
- Detach the camera with your hands or by using a paperclip similar to the way the speaker was removed.

## Step 16



- Once the three components are detached, removing the ribbon is possible.
- Simply, move the ribbon to the right and it will be completely detached from the case.

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