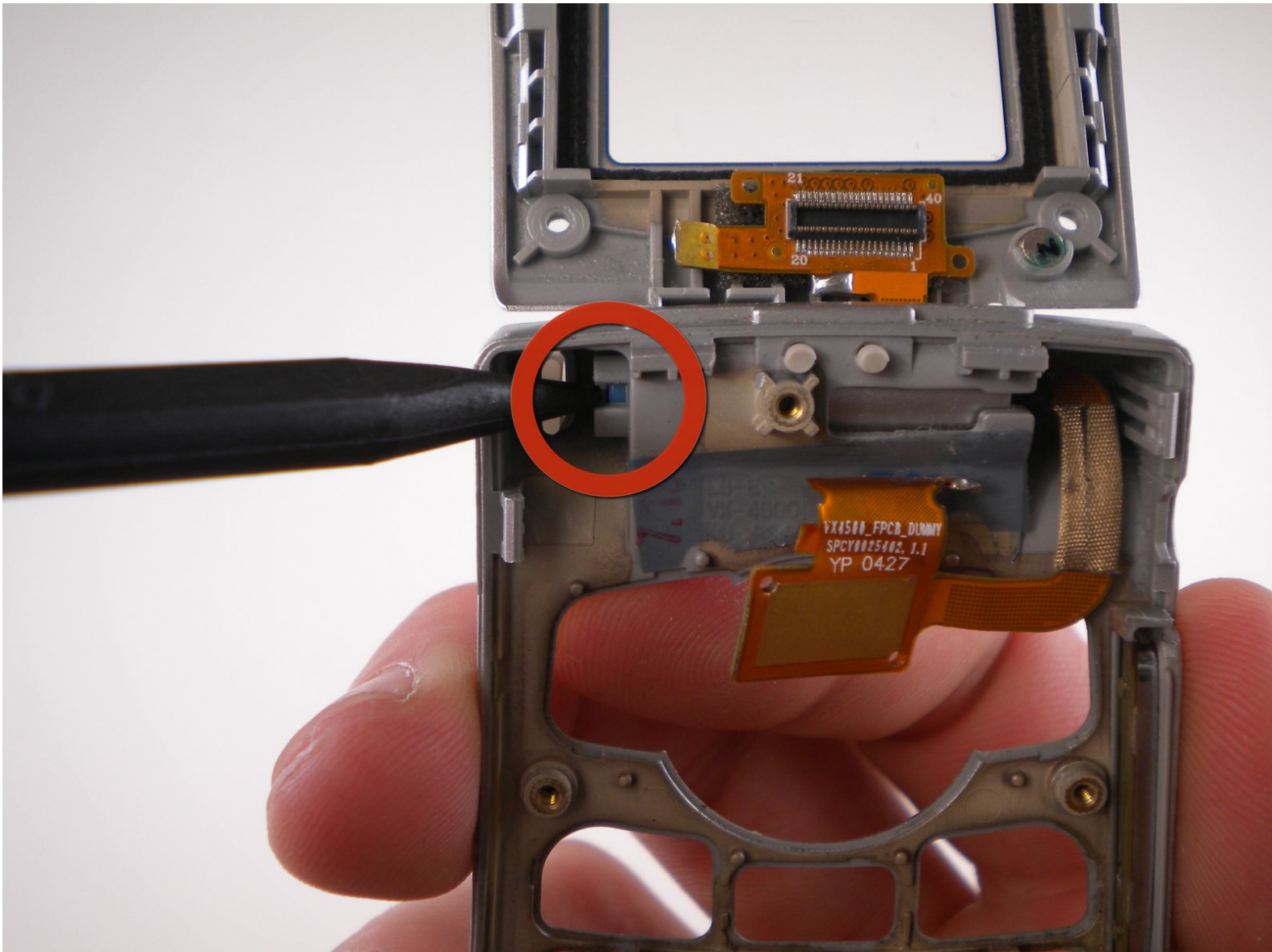




# LG VX4500 display interconnect cable

Written By: David Foster



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# INTRODUCTION

Replacing the ribbon cable.



## TOOLS:

- [Phillips #00 Screwdriver](#) (1)
  - [Soldering Iron](#) (1)
  - [Spudger](#) (1)
  - [iFixit Opening Tools](#) (1)
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## Step 1 — Battery



- Turn the closed phone so that the back panel is facing you.
- Press down and forward firmly on the gray tab in the middle of the phone.

## Step 2



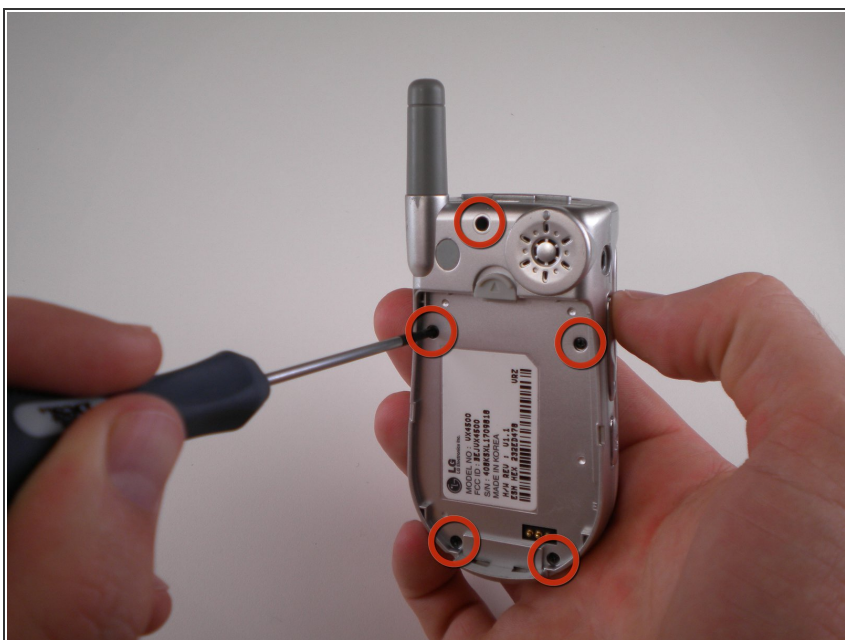
- Now just lift up on the battery and remove it from the phone.

## Step 3 — Rear Cover



- Remove the rubber grommet using a Spudger.

## Step 4




- ⚠ Be sure not to lose the screws. They are small!
- Remove the five screws using a Phillips #00 Screwdriver.



## Step 5



 When removing back cover, be careful not to break the speaker wires.

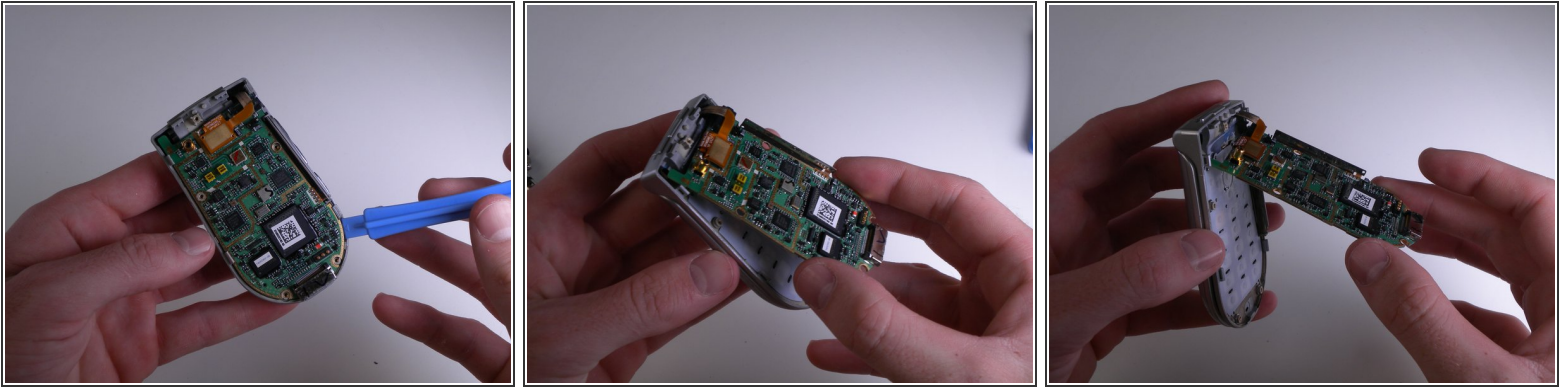
- Using an iPod Opening Tool, carefully pry off the back cover.
- Using Tweezers, gently pull speaker wires out.

## Step 6



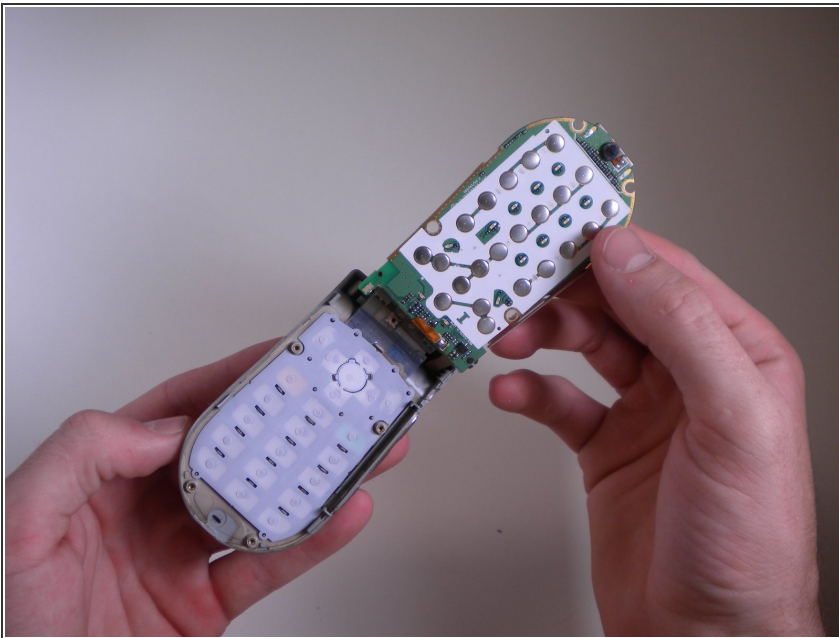
- Separate the two halves.

## Step 7 — Keypad



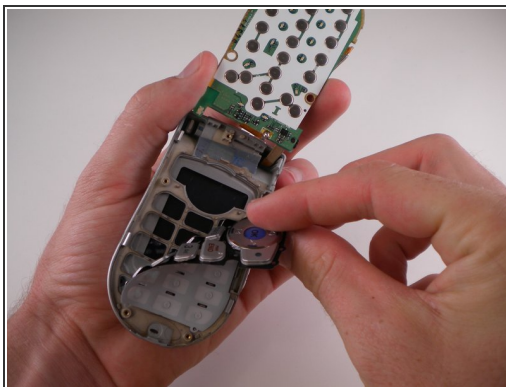
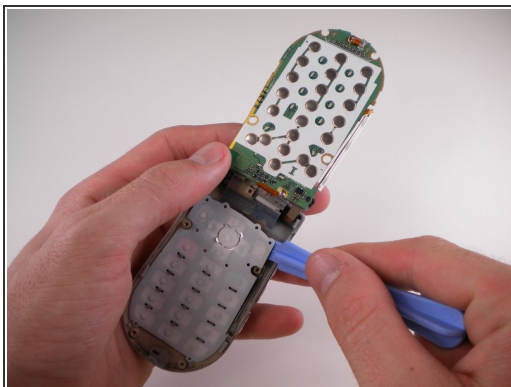
- Carefully pry and lift up on the logic board using an iPod Opening Tool.

## Step 8



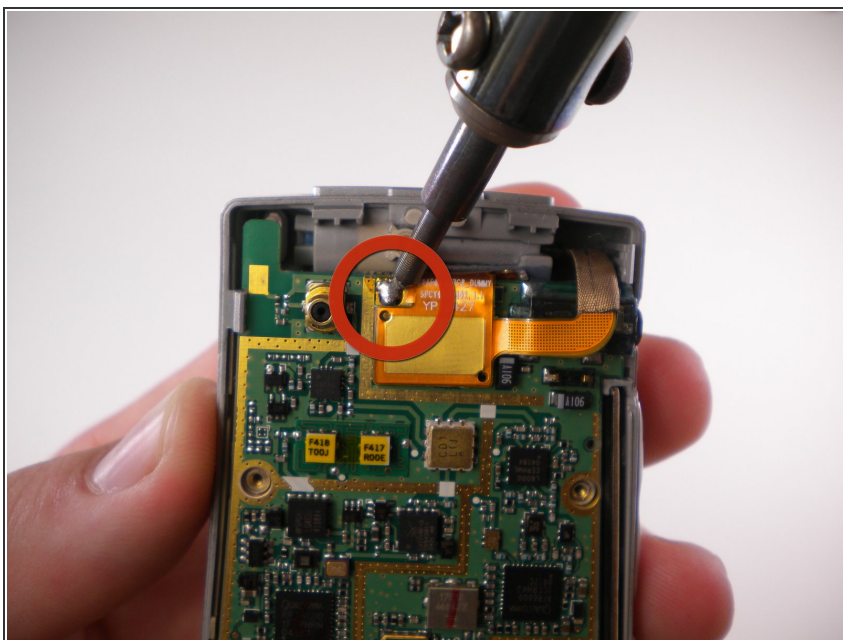
- Carefully flip the logic board up and out of the way.

## Step 9



- Use an iPod Opening Tool to lift up on the keypad and pull it out.

## Step 10 — Logic Board

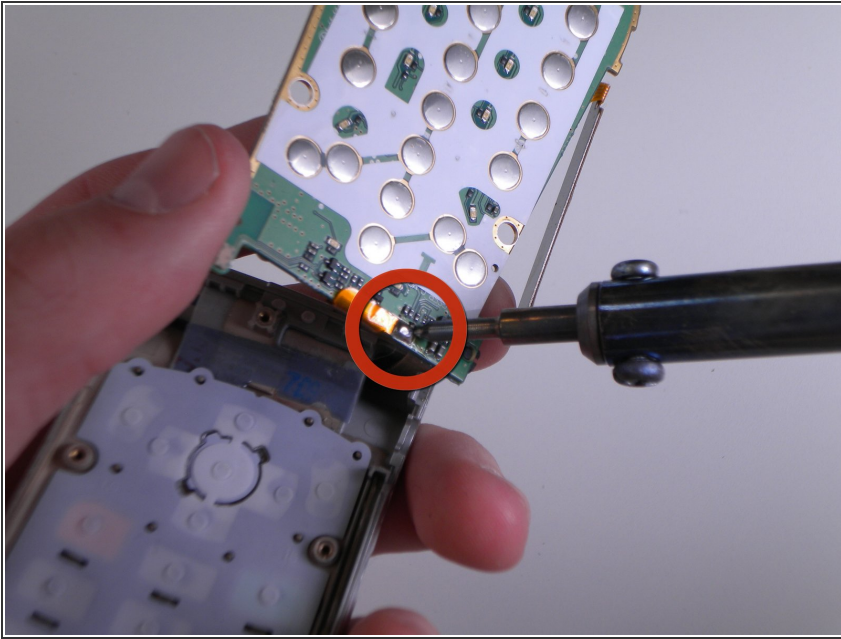


 DO NOT TOUCH SOLDERING IRON. IT IS EXTREMELY HOT.

- De-solder solder joint on front using Soldering Iron.

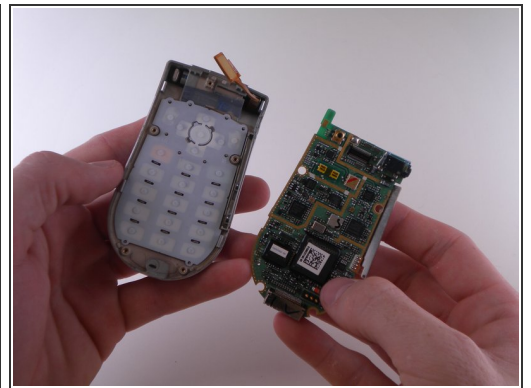
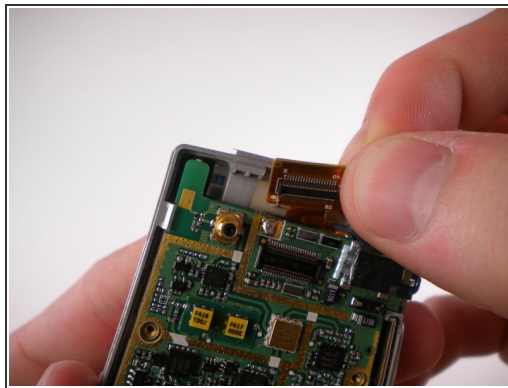
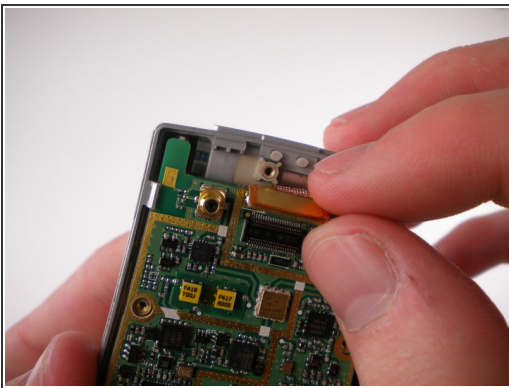


## Step 11



- De-solder solder joint on the back using Soldering Iron.

## Step 12



- Carefully detach ribbon cable and remove logic board.



## Step 13 — Outer Display Cover



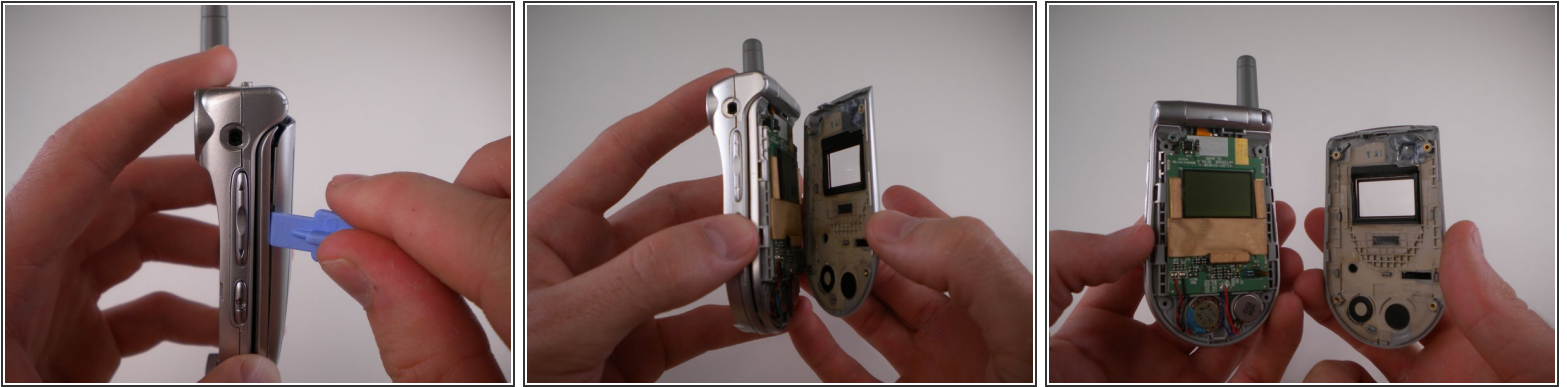
- Remove 4 rubber grommets using the Spudger.

## Step 14



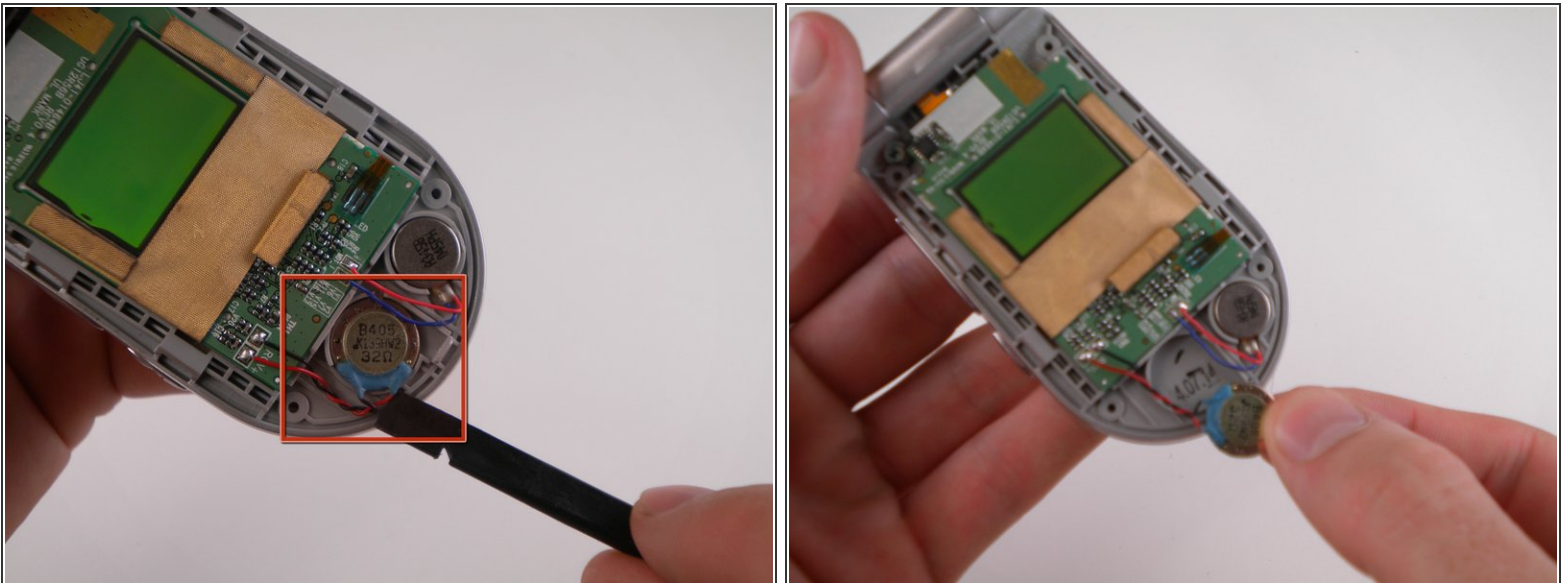
- Remove 4 screws using the Phillips #00 Screwdriver.

## Step 15



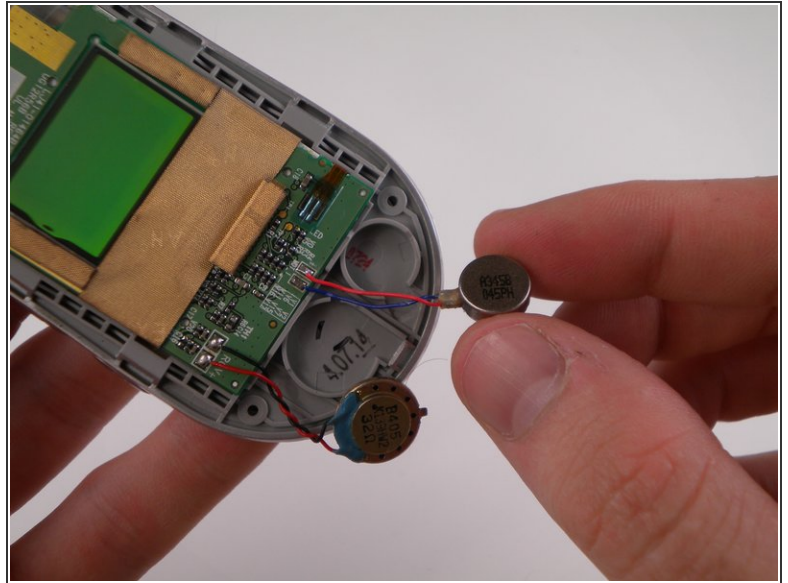
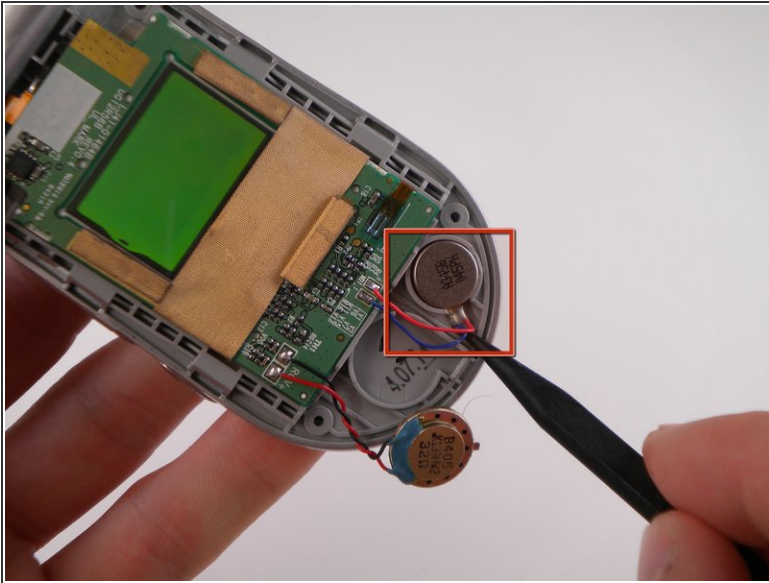
- Carefully pry off outer cover using iPod Opening Tool.

## Step 16 — Display



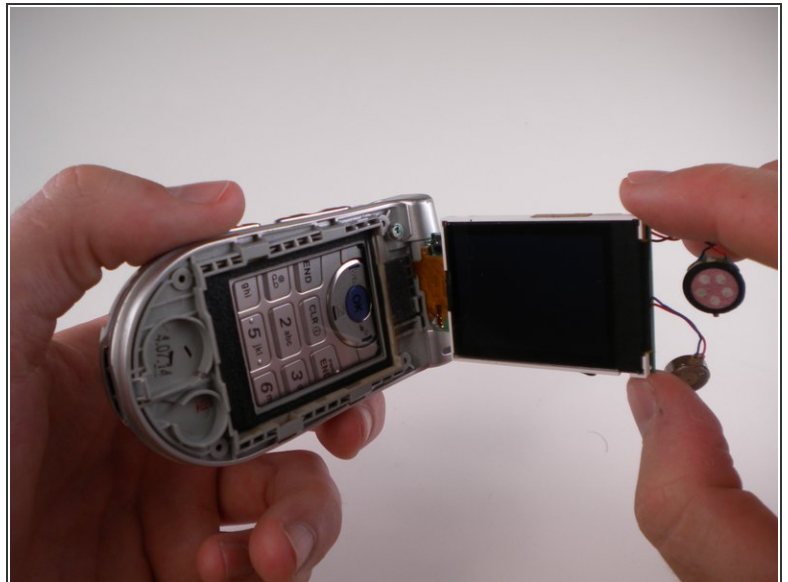
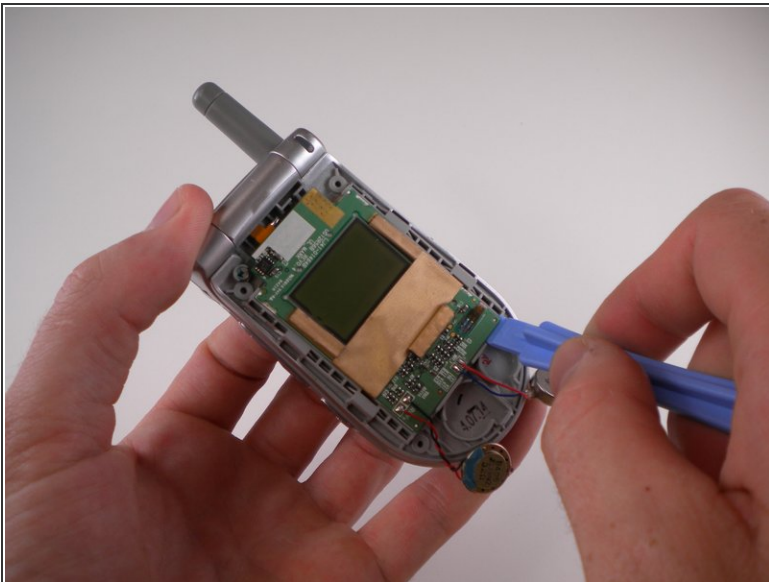
- Remove speaker using the Spudger.

## Step 17



- Remove vibrator using the Spudger.

## Step 18



- Lift up LCD display using iPod Opening Tool.



## Step 19



**⚠ DO NOT TOUCH THE SOLDERING IRON. IT IS EXTREMELY HOT!**

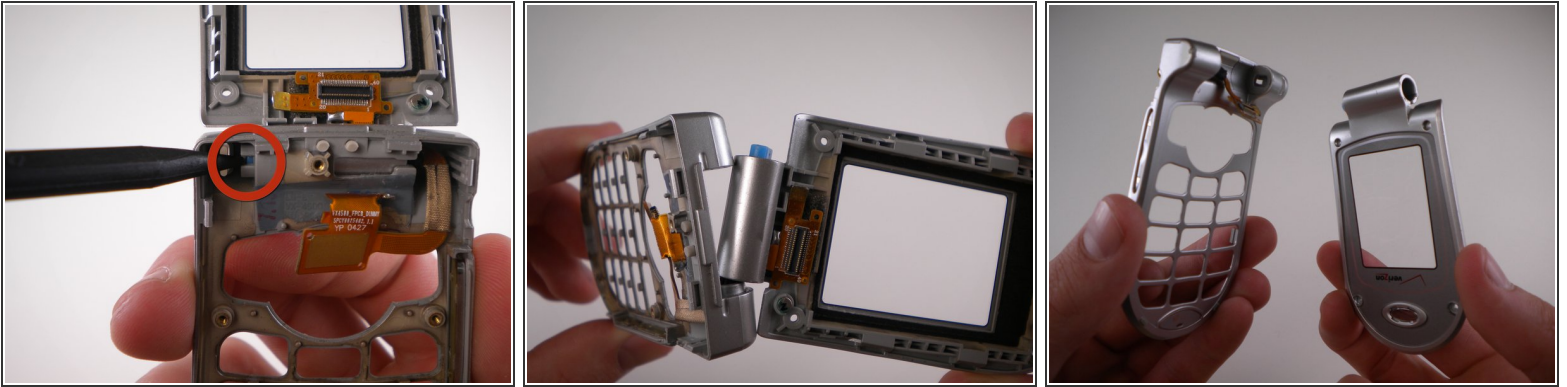
- De-solder solder joint using Soldering Iron.

## Step 20



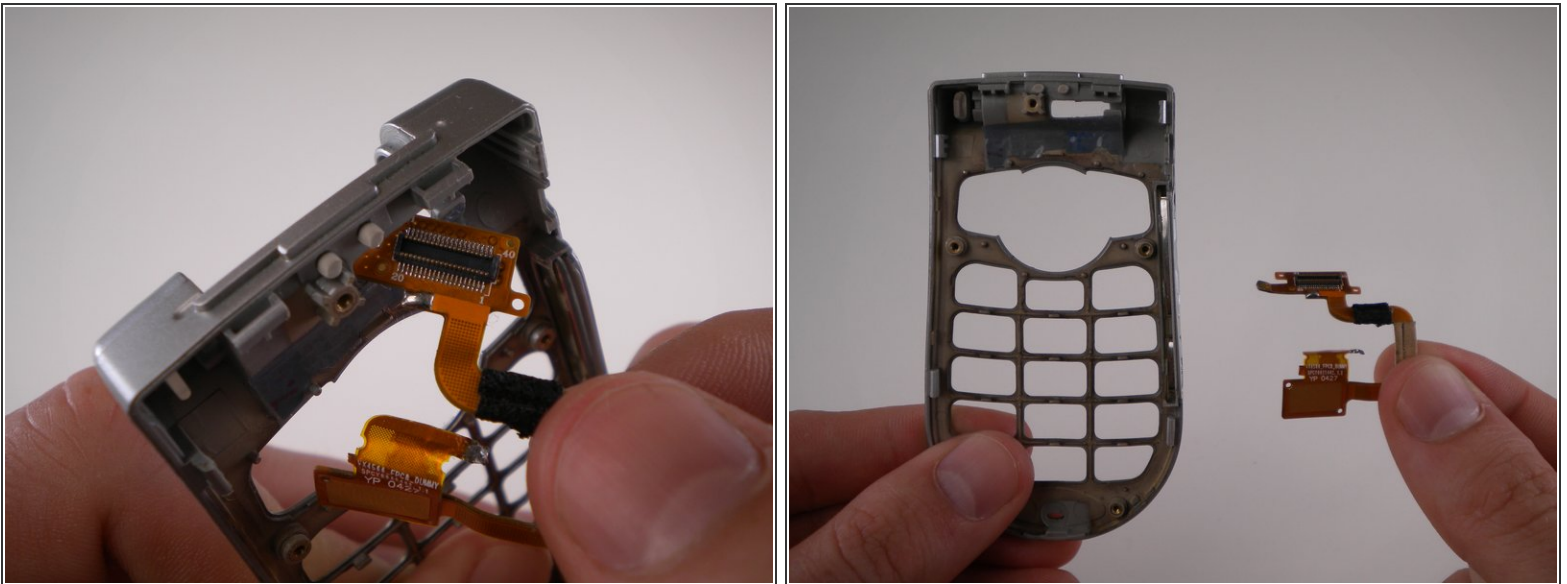
- Pry off ribbon cable using iPod Opening Tool.

## Step 21 — Ribbon Cable



- Turn phone so that the back side is facing you.
- Press blue button and remove top half using Spudger.

## Step 22



- Remove cable from bottom section.

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