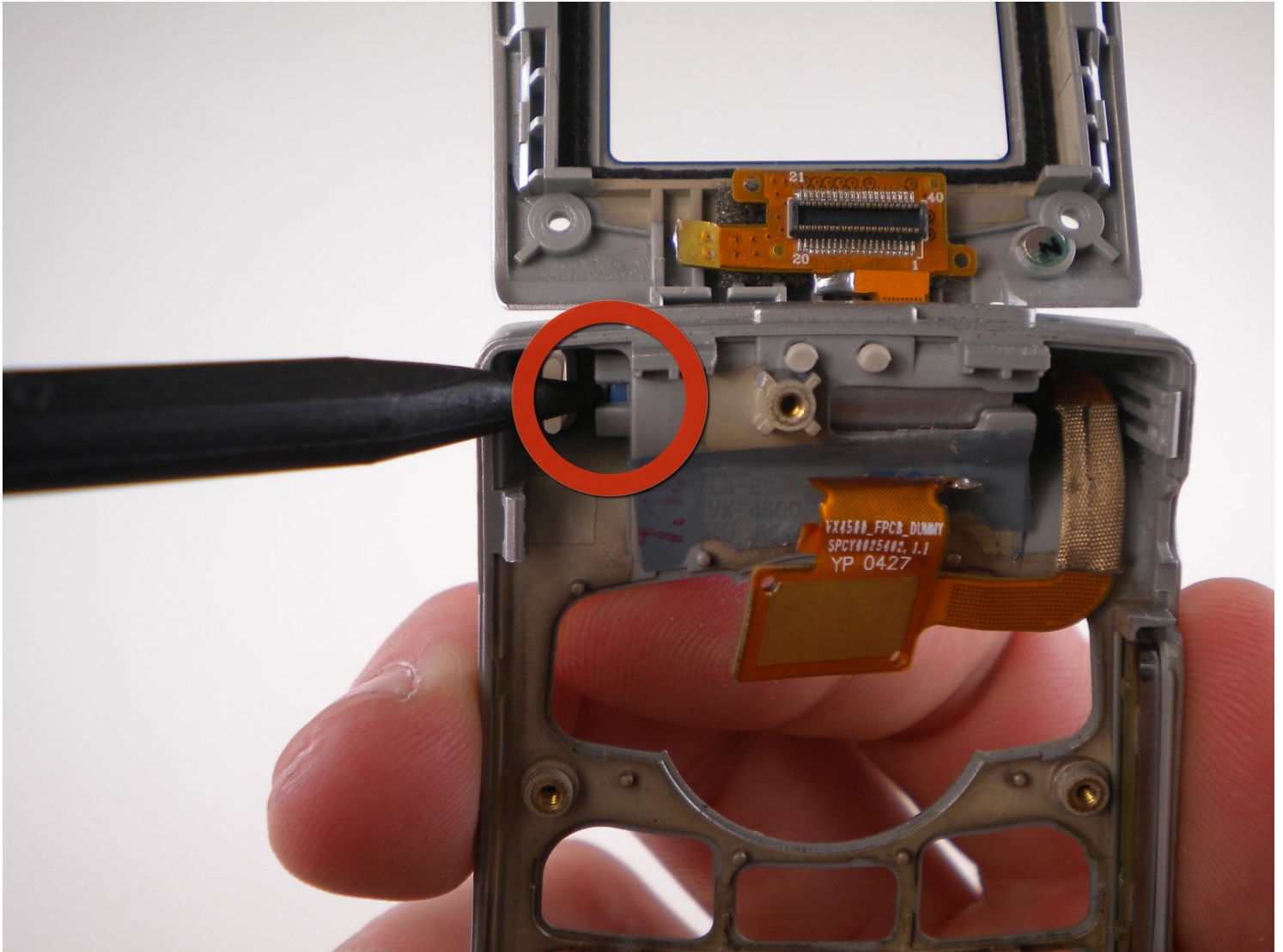




# LG VX4500 display interconnect cable

Replacing the ribbon cable.

Written By: David Foster



# INTRODUCTION

Replacing the ribbon cable.

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## TOOLS:

[Phillips #00 Screwdriver](#) (1)

[Soldering Iron](#) (1)

[Spudger](#) (1)

[iFixit Opening Tool](#) (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



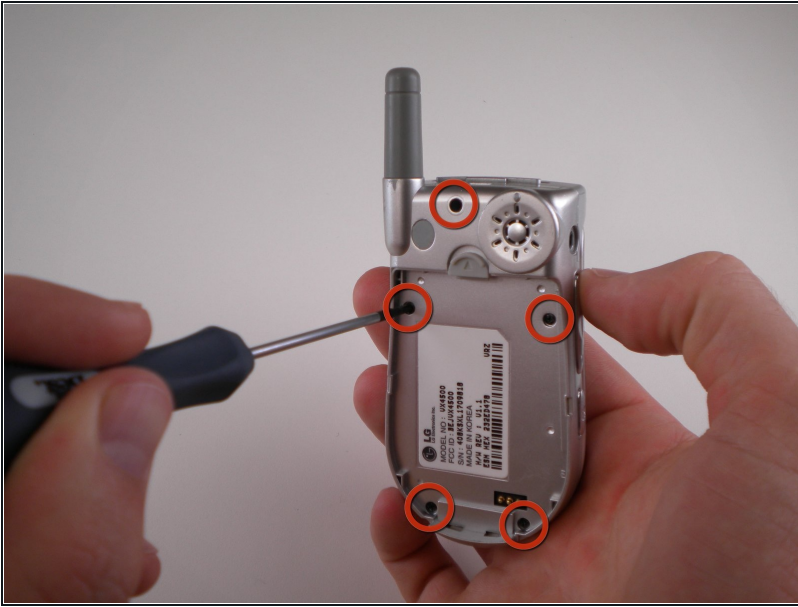
- Now just lift up on the battery and remove it from the phone.

## Step 3 — Rear Cover



- Remove the rubber grommet using a Spudger.

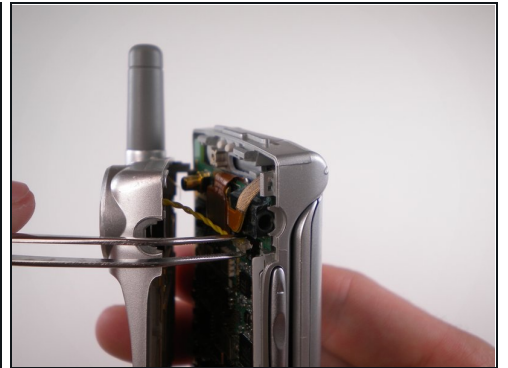
## Step 4



⚠ Be sure not to lose the screws.  
They are small!

- Remove the five screws using a Phillips #00 Screwdriver.

## Step 5

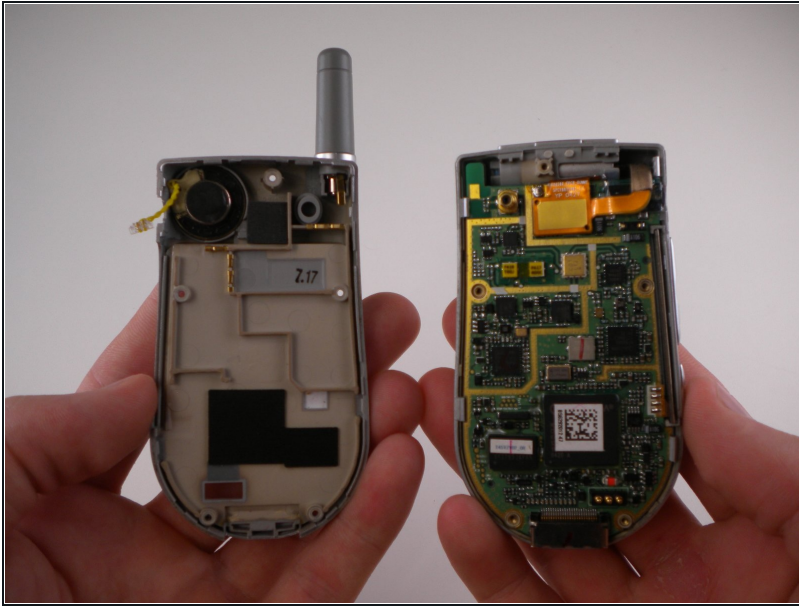


⚠ When removing back cover, be careful not to break the speaker wires.

- Using an Opening Tool, carefully pry off the back cover.
- Using [tweezers](#), gently pull the speaker wires out.

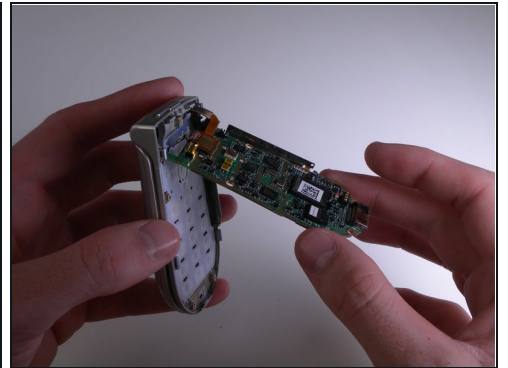
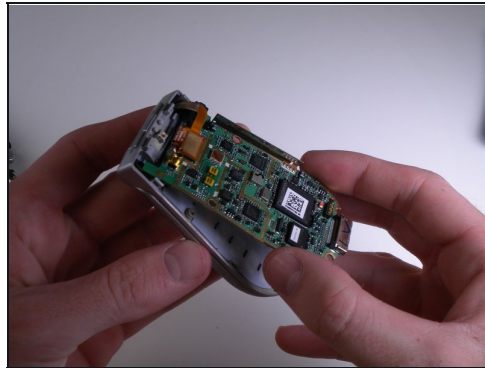
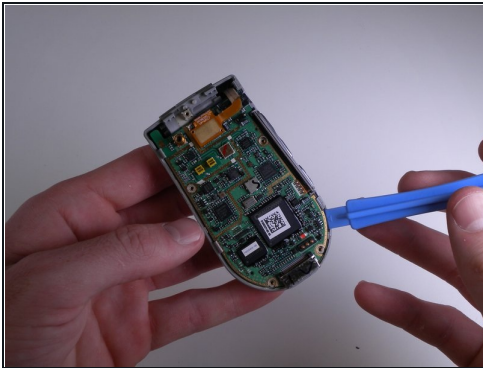


## Step 6



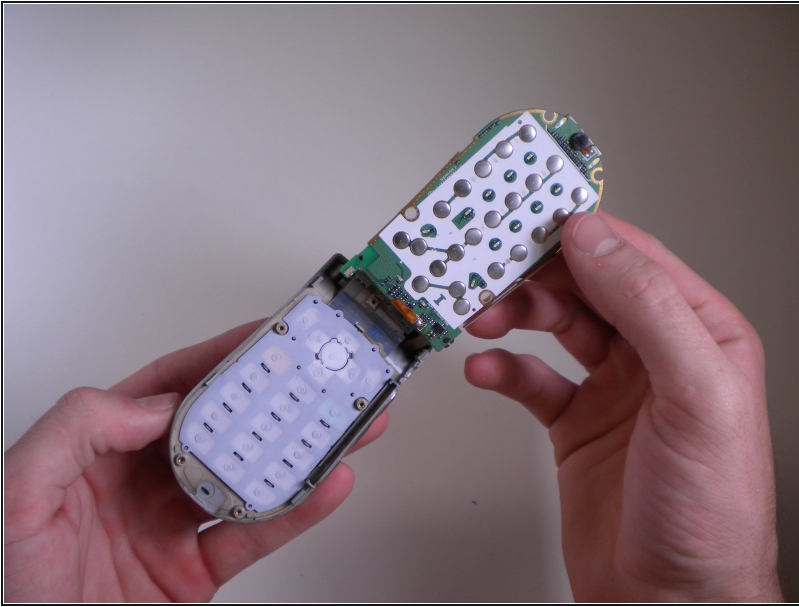
- Separate the two halves.

## Step 7 — Keypad



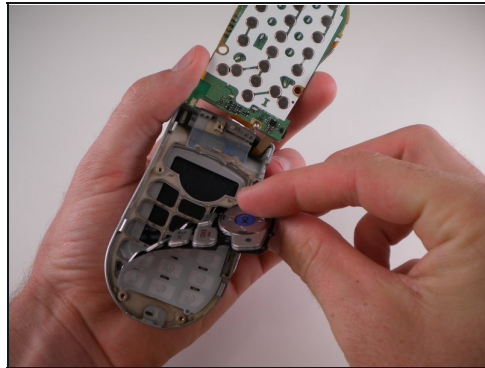
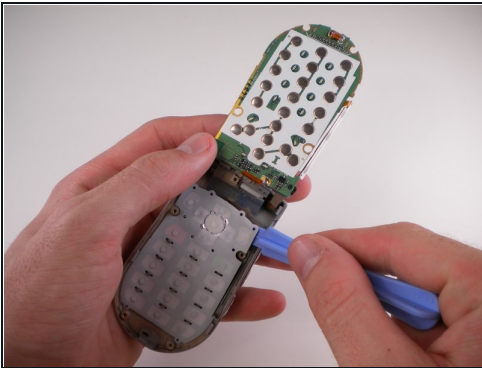
- Carefully pry and lift up on the logic board using an iPod Opening Tool.

## Step 8



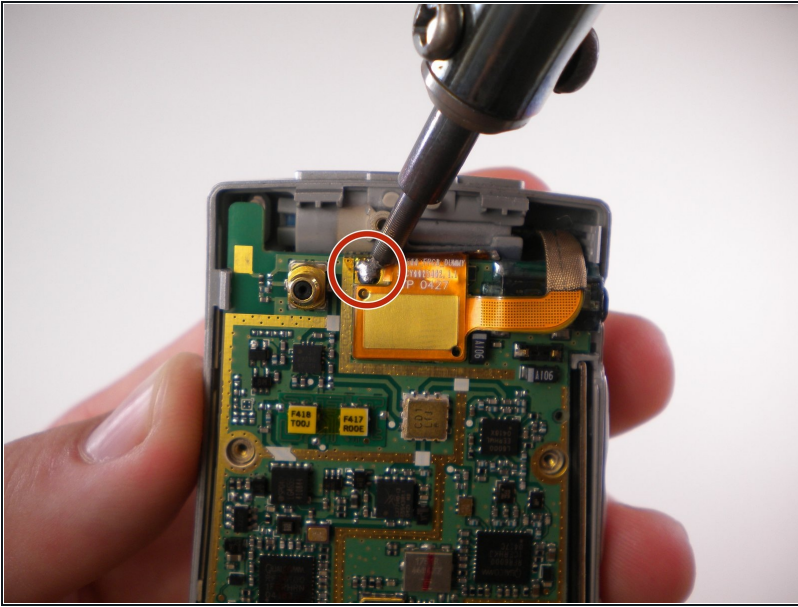
- Carefully flip the logic board up and out of the way.

## Step 9



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

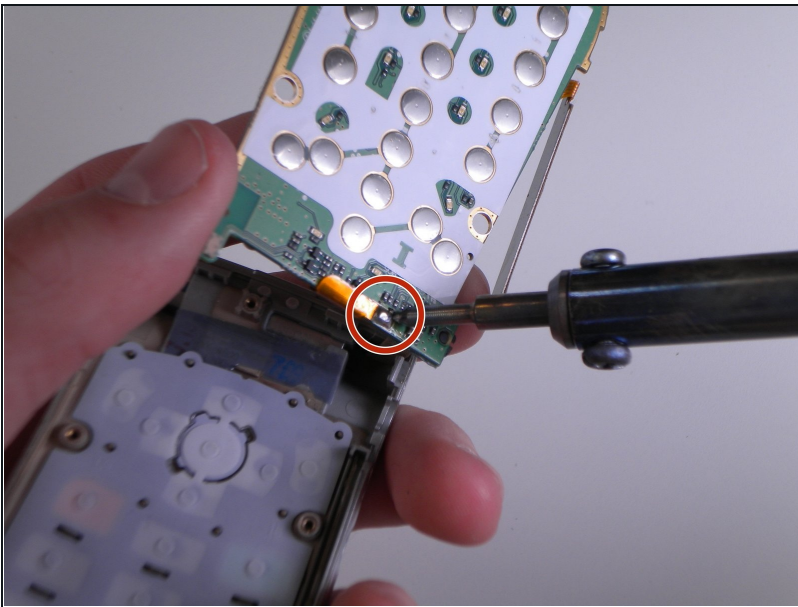
## Step 10 — Motherboard



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

- Use a soldering iron to desolder the solder joint on the front of the motherboard.
- ① If you need more information on soldering, refer to this [guide](#).

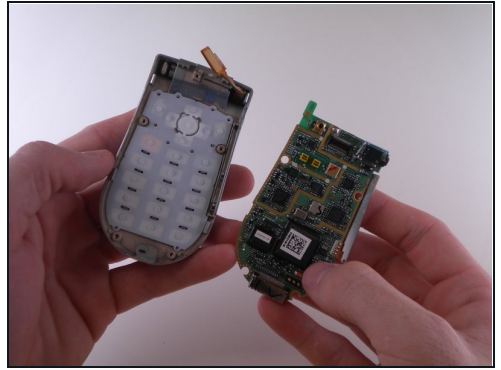
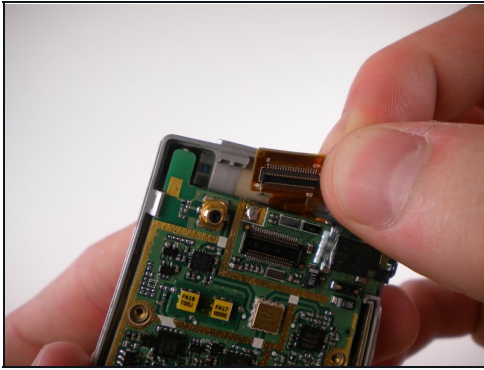
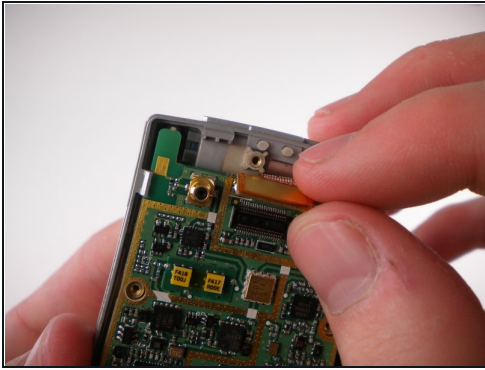
## Step 11



- Desolder the joint on the back using a soldering iron.



## Step 12



- Carefully detach the ribbon cable and remove the motherboard.

## Step 13 — Outer Display Cover



- Remove 4 rubber grommets using the Spudger.

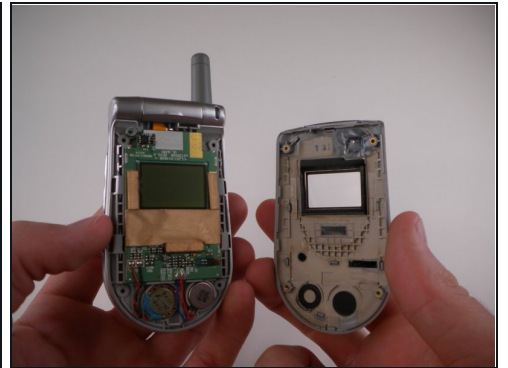
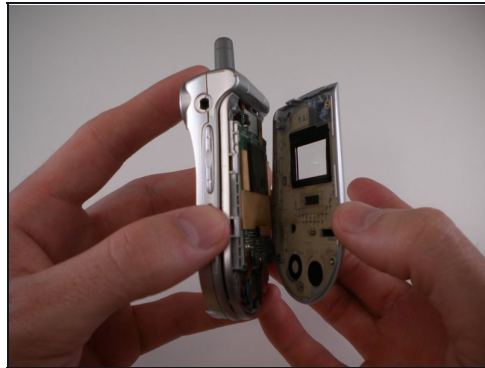


## Step 14



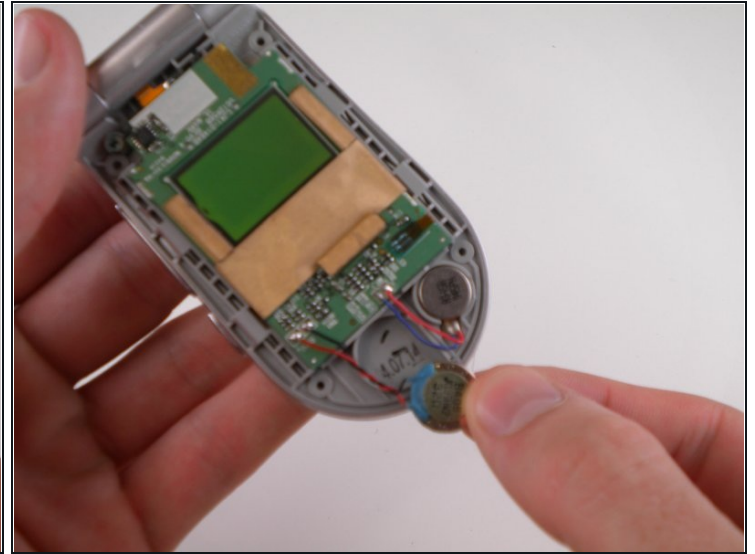
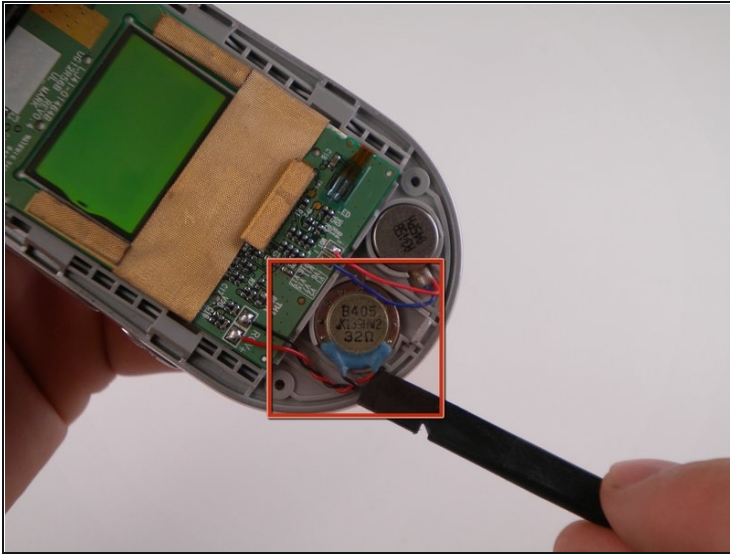
- Remove 4 screws using the Phillips #00 Screwdriver.

## Step 15



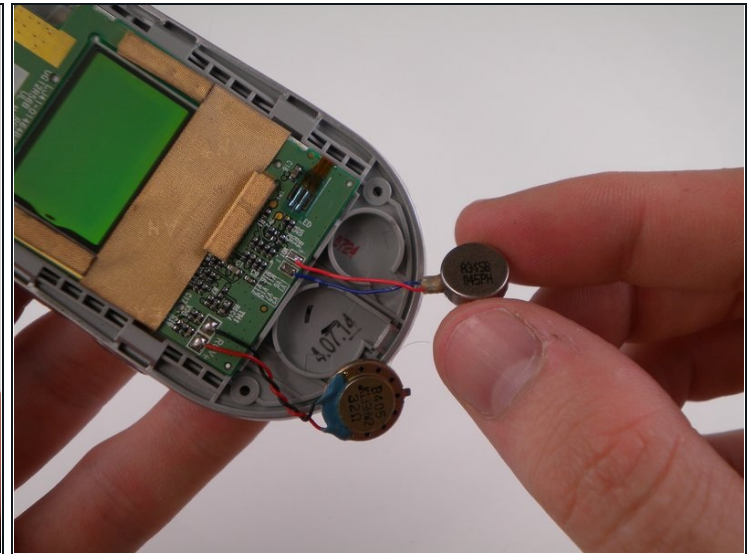
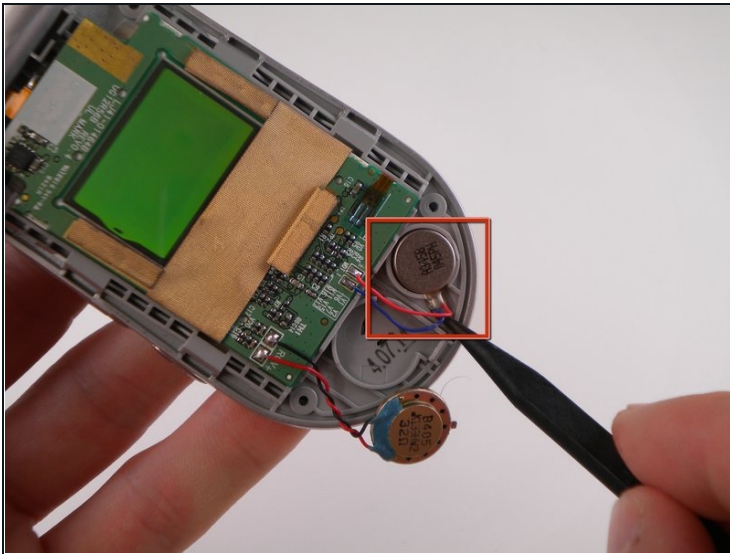
- Carefully pry off outer cover using iPod Opening Tool.

## Step 16 — Display



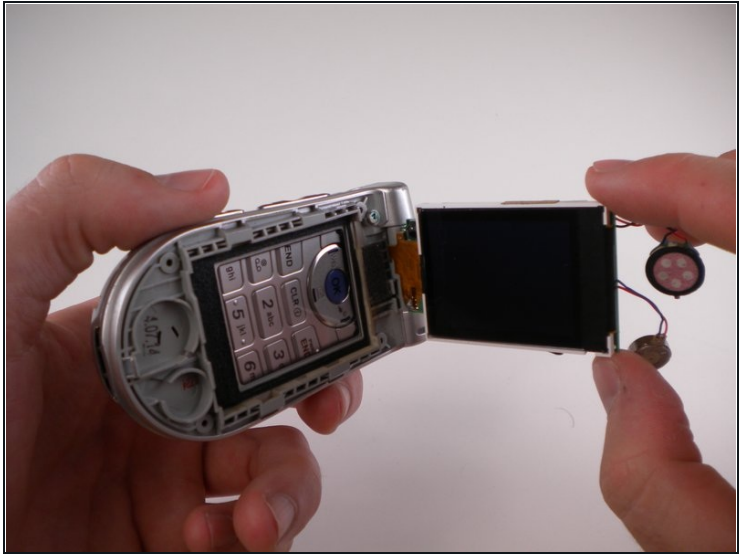
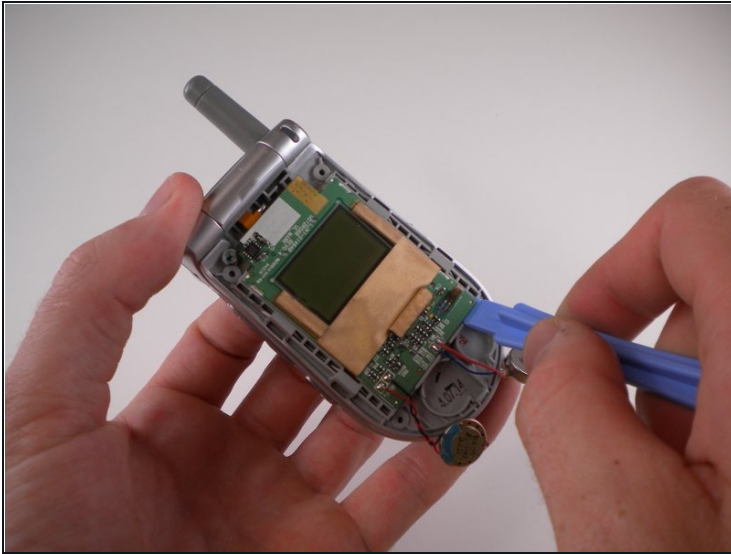
- Remove speaker using the Spudger.

## Step 17



- Remove vibrator using the Spudger.

## Step 18



- Lift up LCD display using iPod Opening Tool.

## Step 19

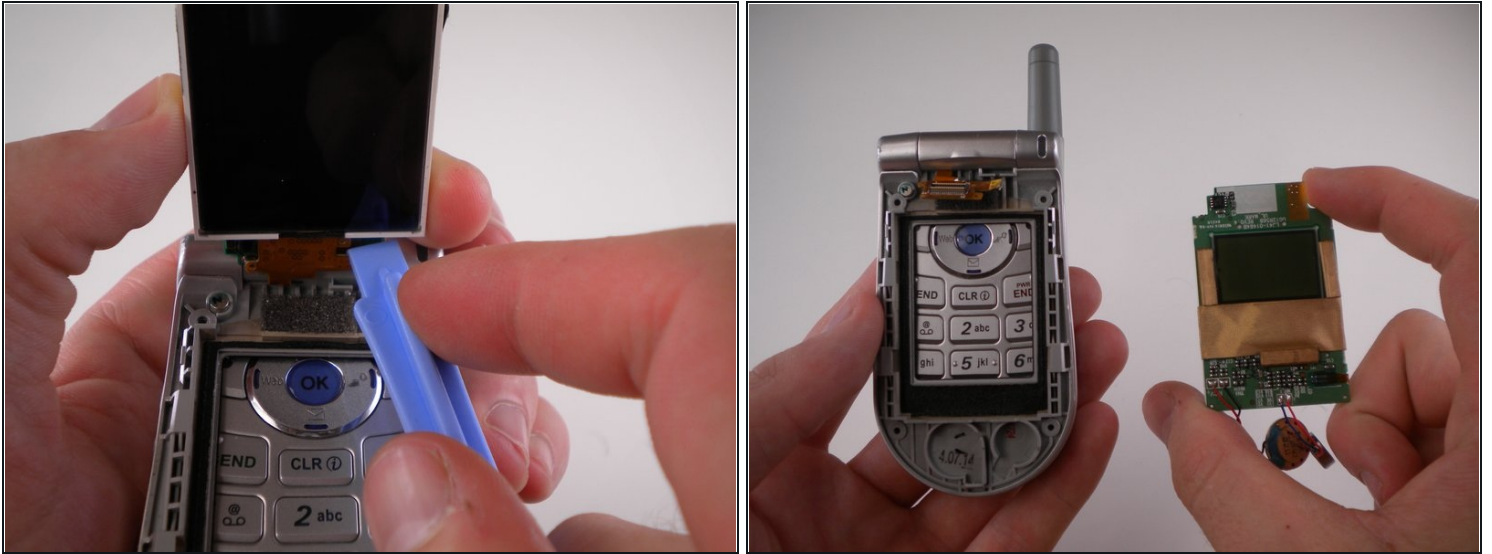


⚠ DO NOT TOUCH THE  
SOLDERING IRON. IT IS  
EXTREMELY HOT!

- De-solder solder joint using  
Soldering Iron.

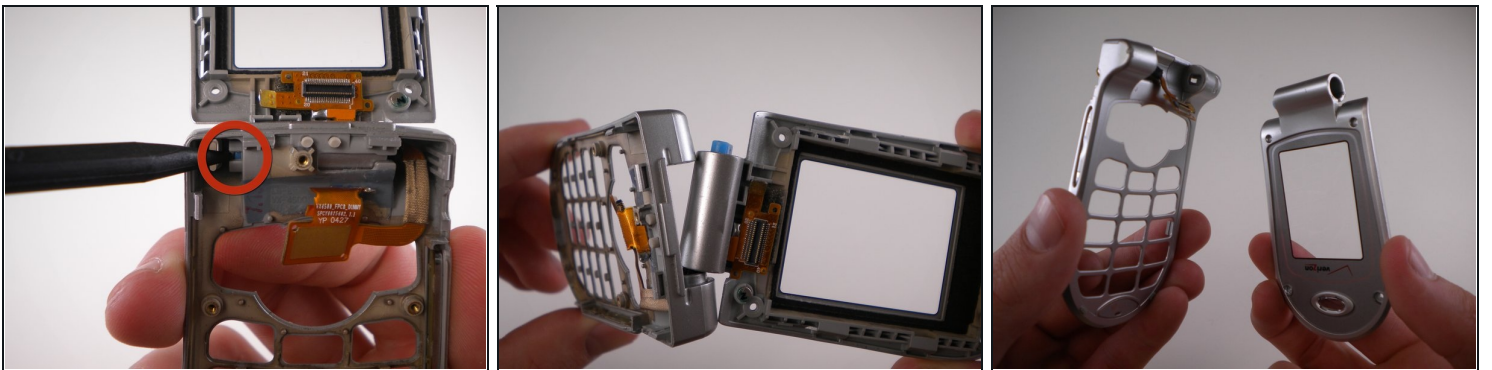


## Step 20



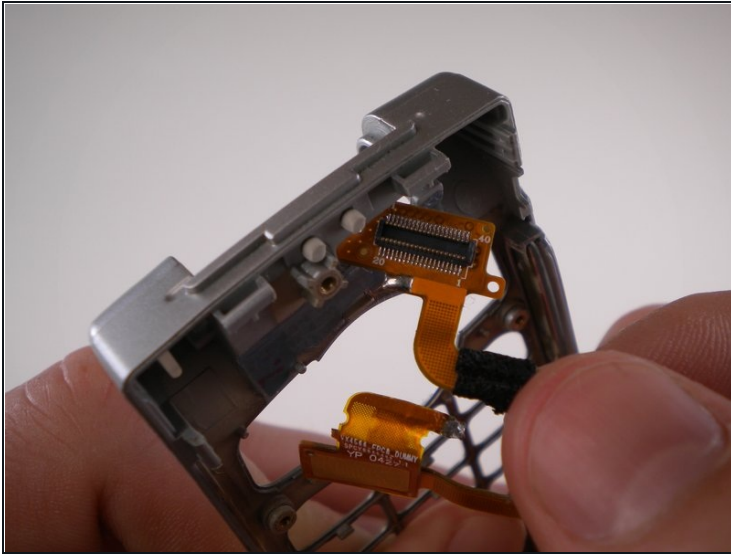
- Pry off ribbon cable using iPod Opening Tool.

## 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.

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