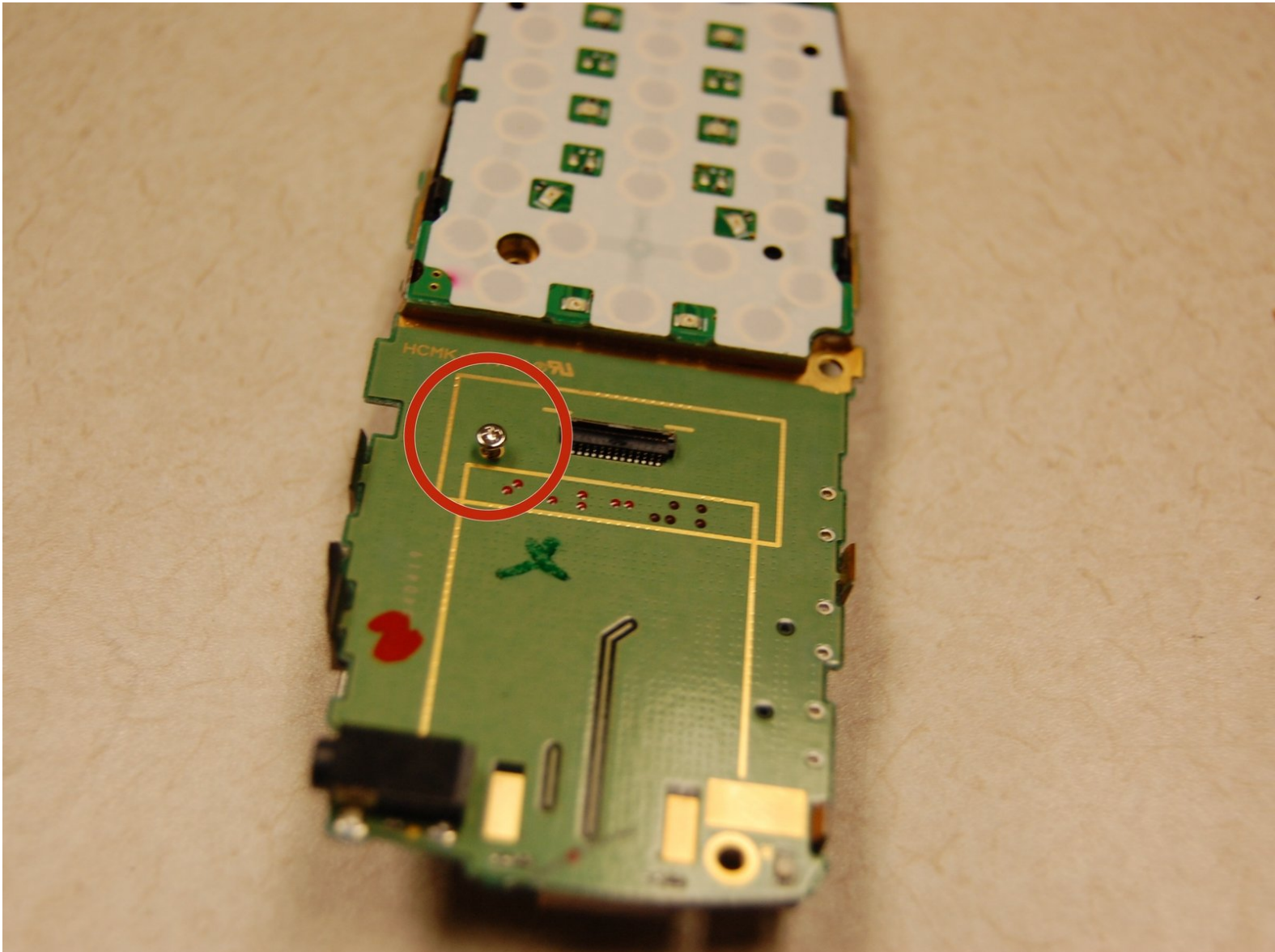




# Sprint Sanyo RL-4920 Vibrator Motor Replacement

Replace the vibrating motor to restore your phone's vibrating capabilities.

Written By: Austin Shores





## TOOLS:

- [64 Bit Driver Kit](#) (1)
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)

## Step 1 — Back of Phone



- Flip the phone over so that the screen is facing down.

## Step 2 — Remove Battery Pack



- Push the gray lever up towards the top of the phone.
- Pull up on the battery pack and completely separate it from the phone.

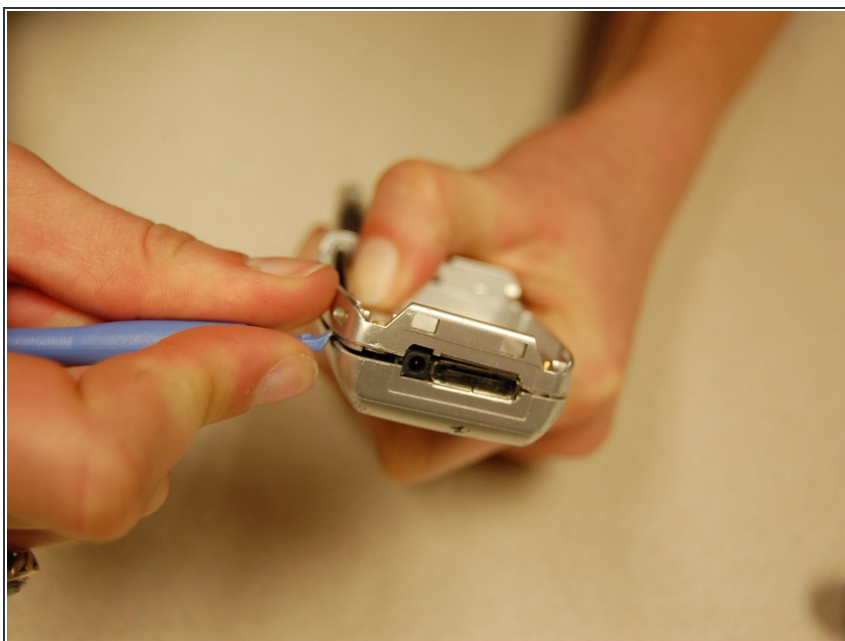


## Step 3 — Screws



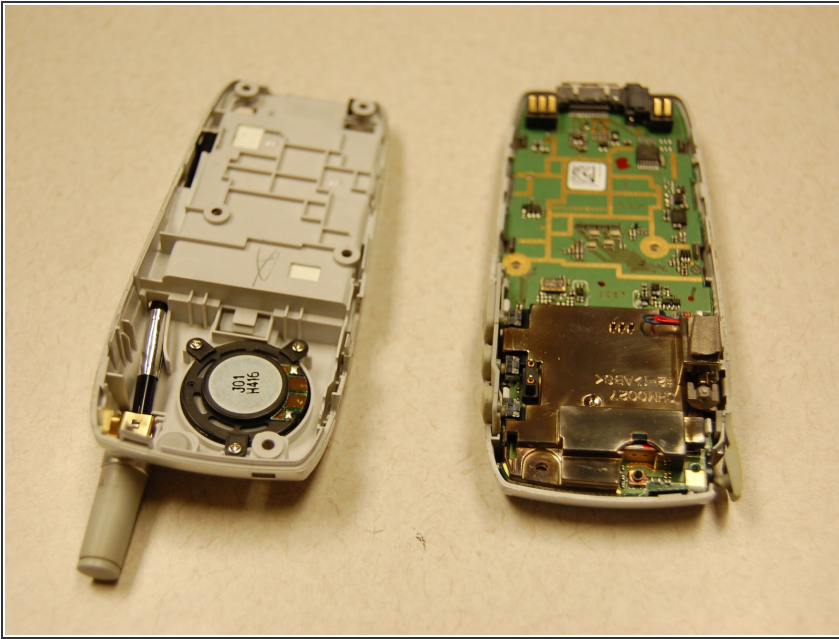
- Locate the five screws around the back casing.
- Use a three-prong screw bit to remove all five screws.

## Step 4 — Separate Cases



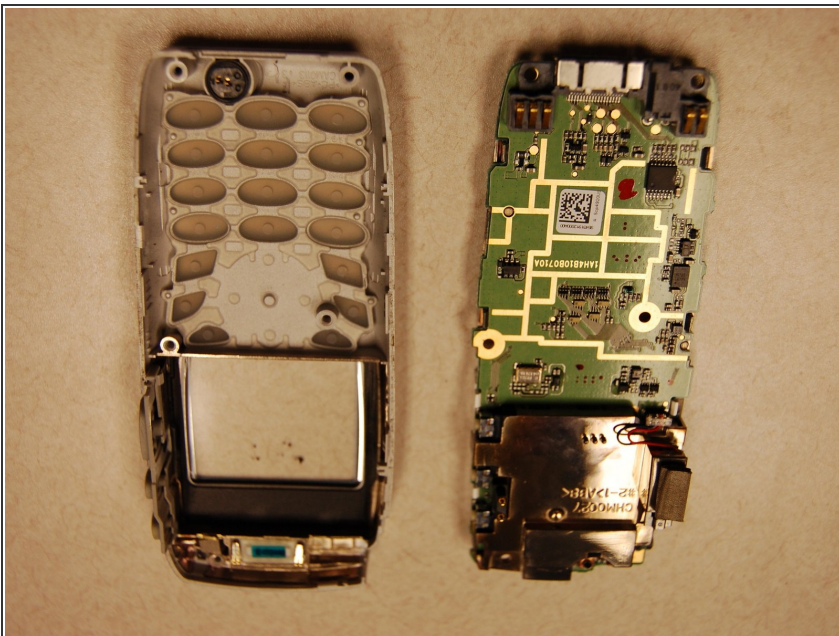
- Use the plastic opening tool and slide it around the phone to pull apart the front and back casing.

## Step 5 — Separate Cases



- Separate the two cases.

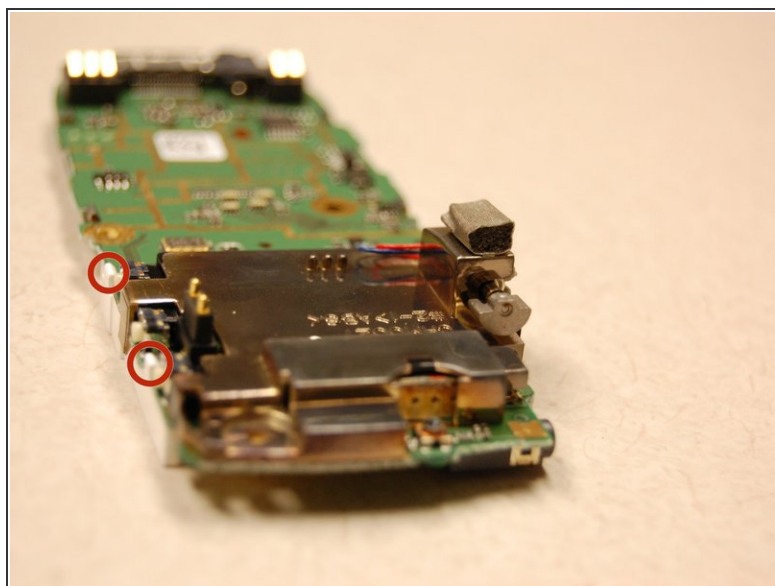
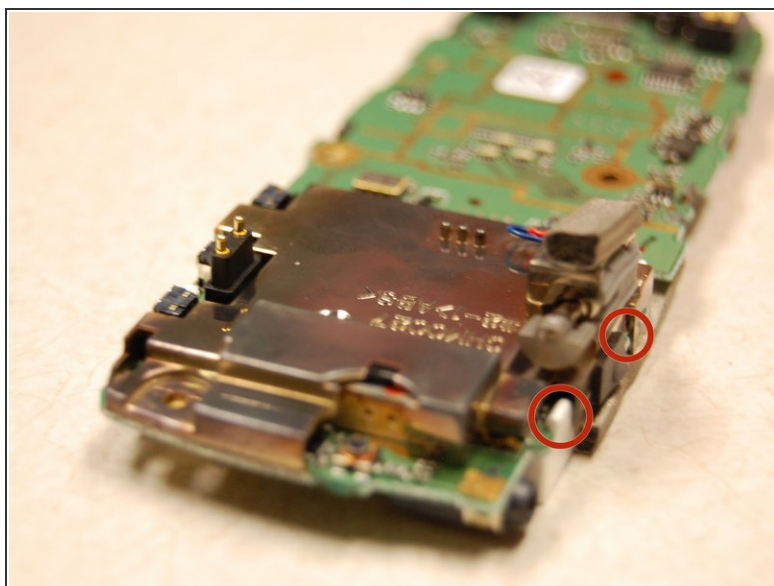
## Step 6 — The Front Case



- Use the plastic opening tool to remove the motherboard from the front case.

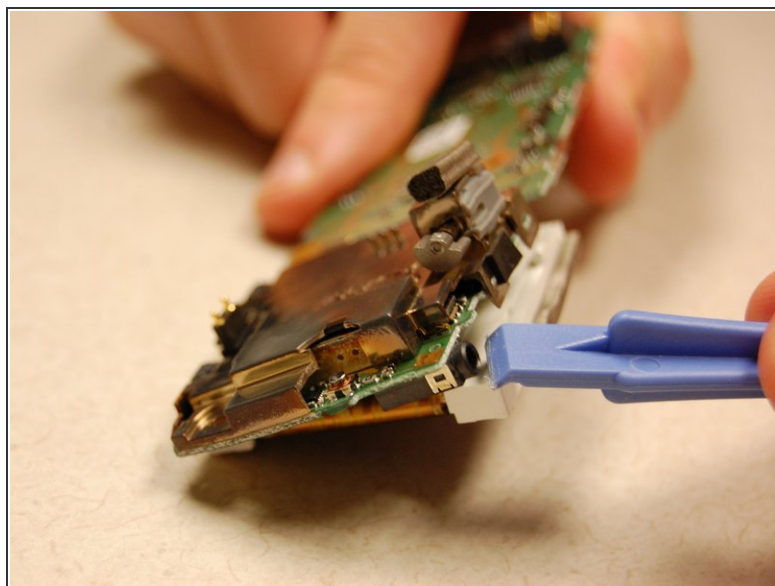
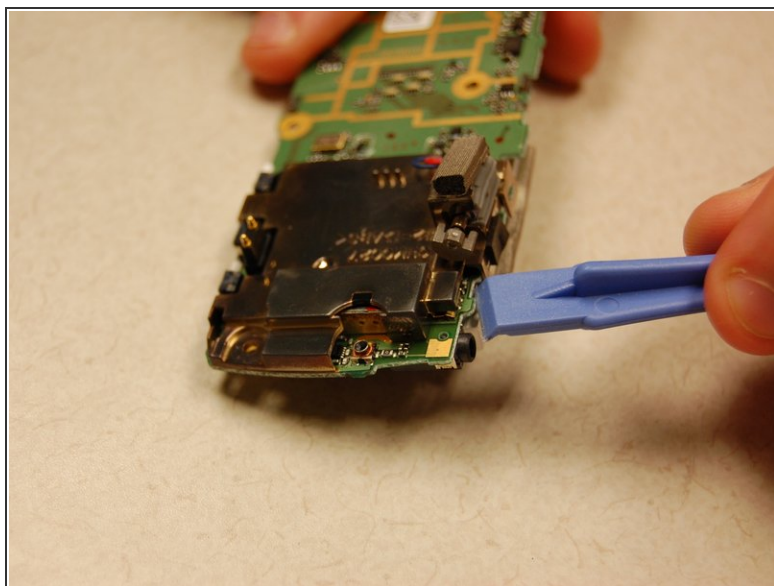


## Step 7 — Display



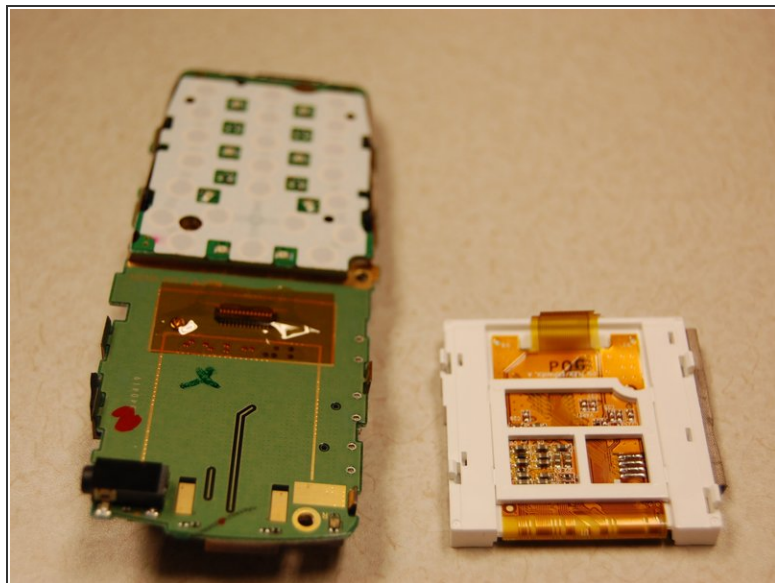
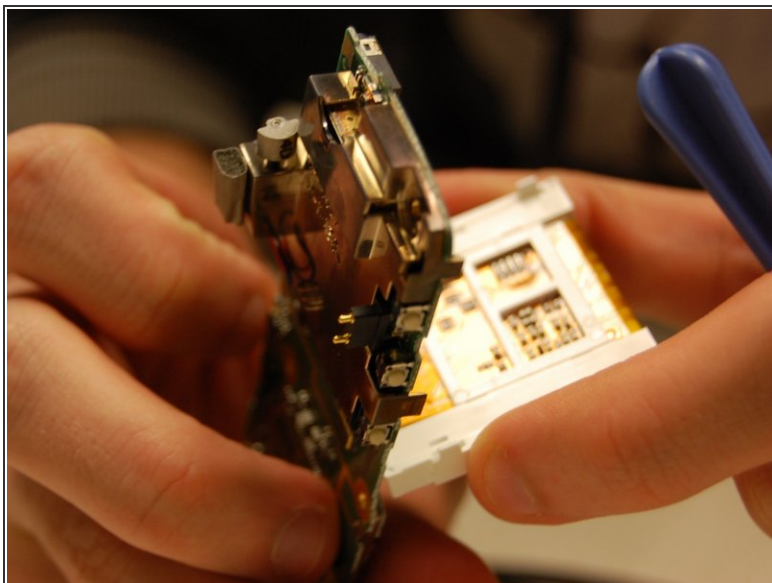
- Locate the 4 white clips of the display.

## Step 8



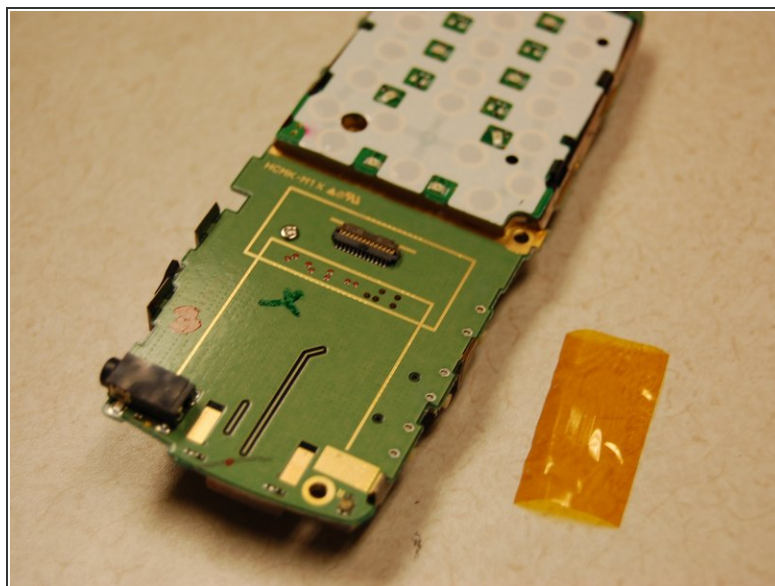
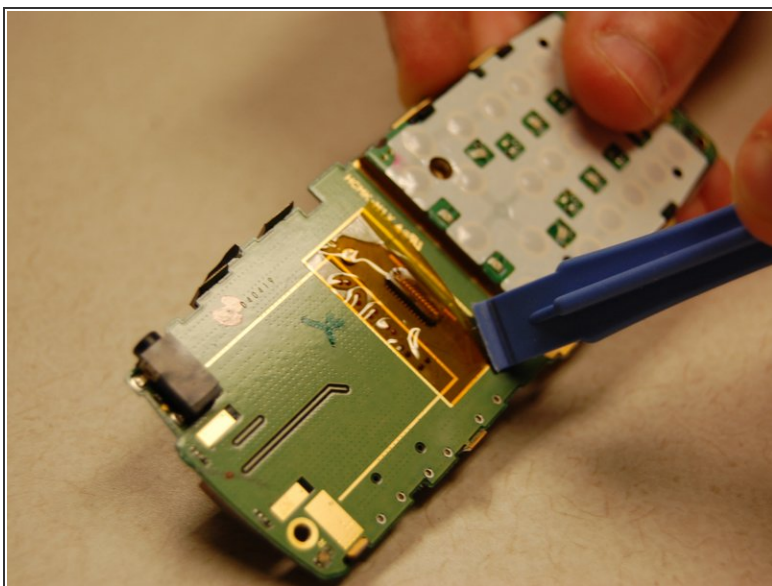
- Using the plastic opening tool, pull the white clips of the display away from the printed circuit board to unclip display.

## Step 9



- Grasp the display on both sides and carefully pull the display off of the printed circuit board.

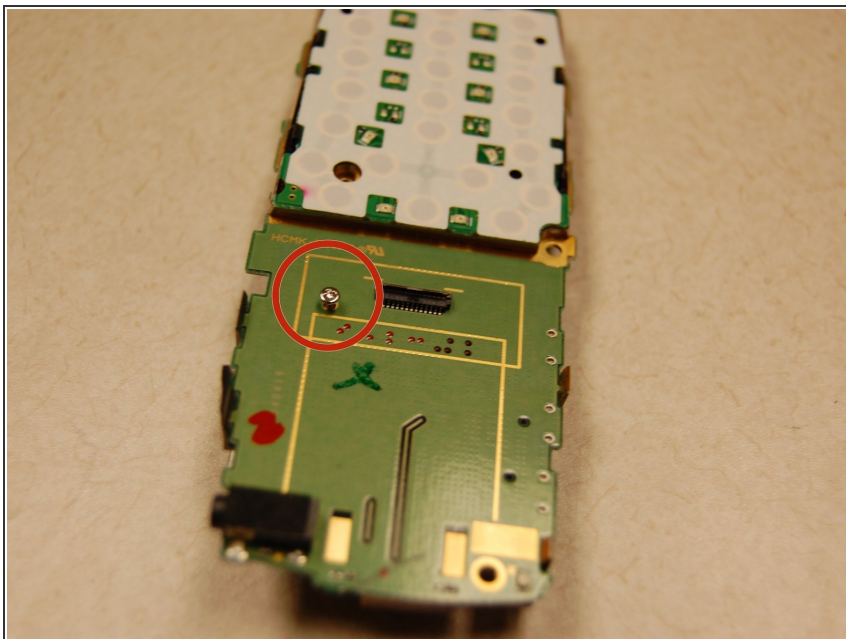
## Step 10



- Using the plastic opening tool, carefully remove the yellow film covering the display connector.  
*(i) Do not damage the yellow film. Ensure that it stays in one piece and does not tear.*

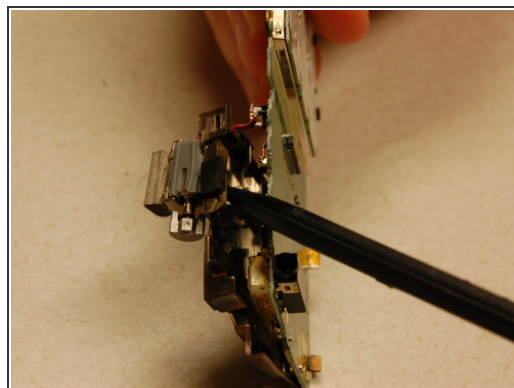
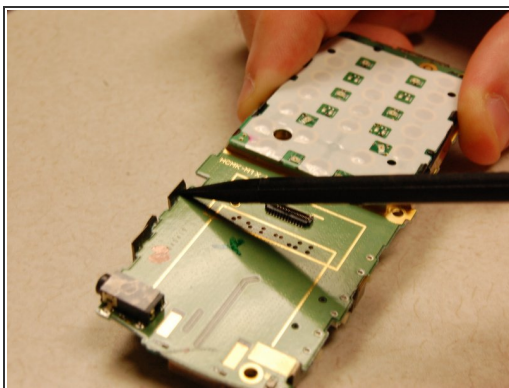
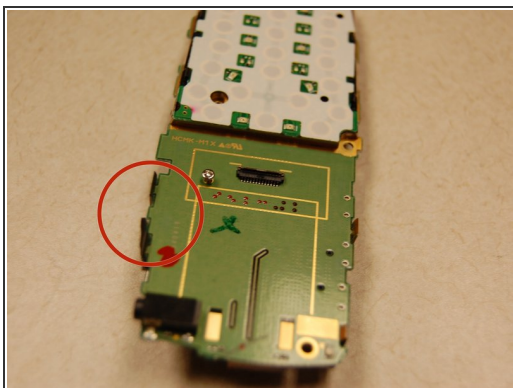


## Step 11 — Vibrator Motor



- Use a Phillips-head screw bit to remove the screw under the yellow film

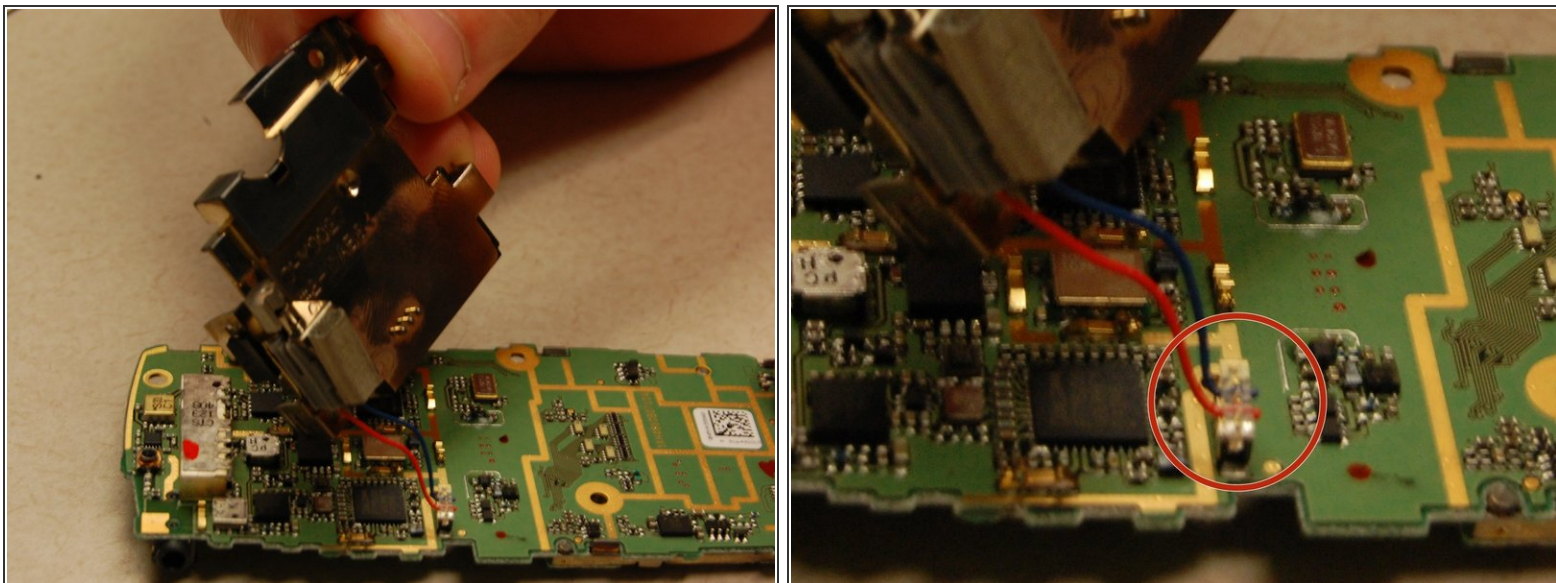
## Step 12



- Use the spudger tool to pry the latches ways from the circuit board
- Detach the metal casing from the circuit board

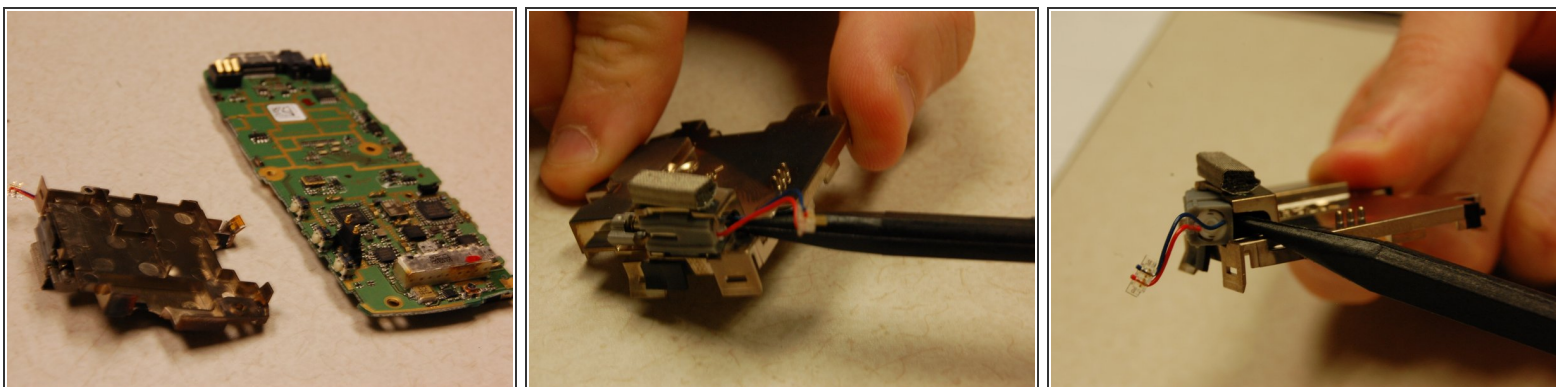


## Step 13



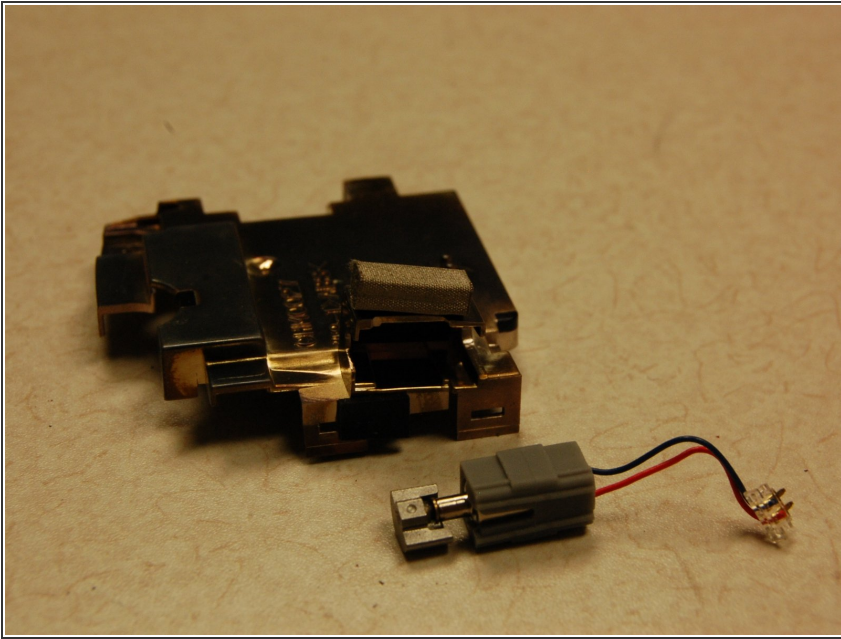
⚠ Remove wires attaching vibrator motor to circuit board gently so as not to damage them

## Step 14



- Once the metal casing is removed from the circuit board take it and locate the vibrator motor on the top side of the casing
- Use the spudger tool to gently pry the vibrator motor out of its protective shell

## Step 15



- With the vibrator motor completely removed, you can now replace it with a new one

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