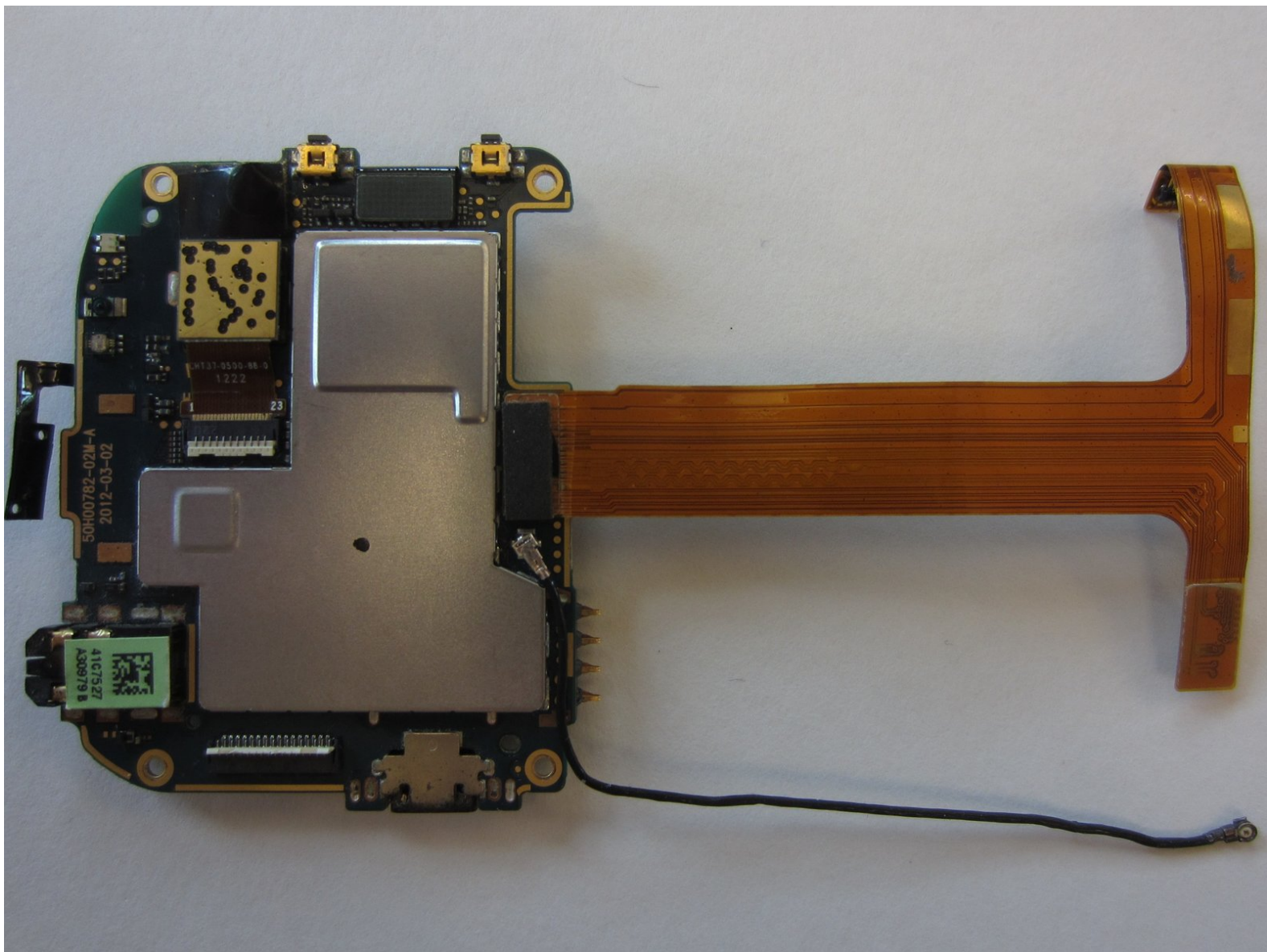




# HTC Desire V Motherboard Replacement

This guide will outline how to remove the logic board assembly, including cables, from the HTC Desire V smartphone

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# INTRODUCTION

This guide will outline how to remove the logic board assembly, including cables, from the HTC Desire V smartphone

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## TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [T5 Torx Screwdriver](#) (1)
  - [Tweezers](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
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## Step 1 — Battery



- Gently pry back cover away from phone.

**i** If you are having difficulty you may need to use a Spudger or plastic opener.

## Step 2

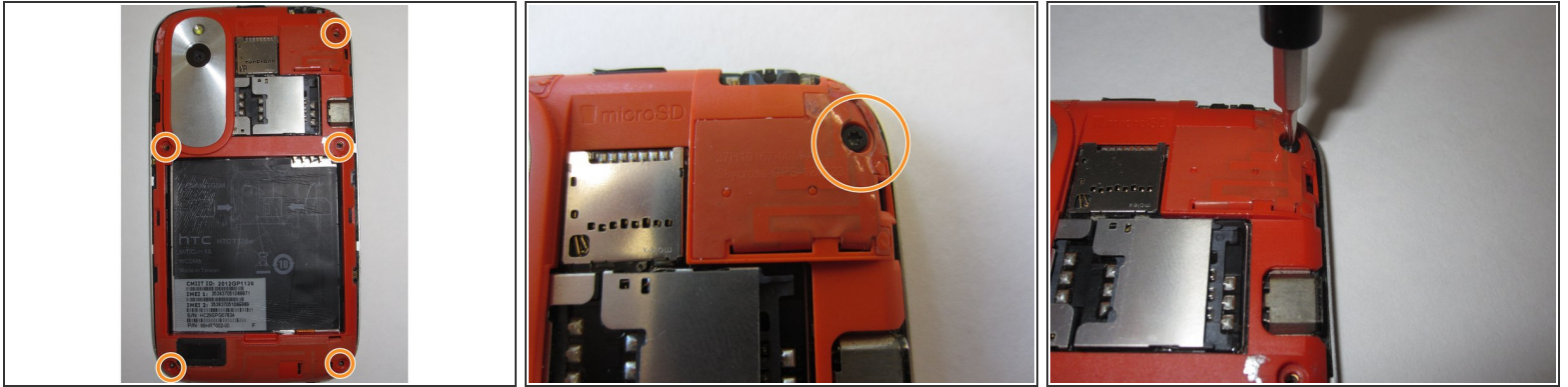


- Lever the battery out from the bottom end first.

**!** Do not bend or puncture the battery.



## Step 3 — Midframe



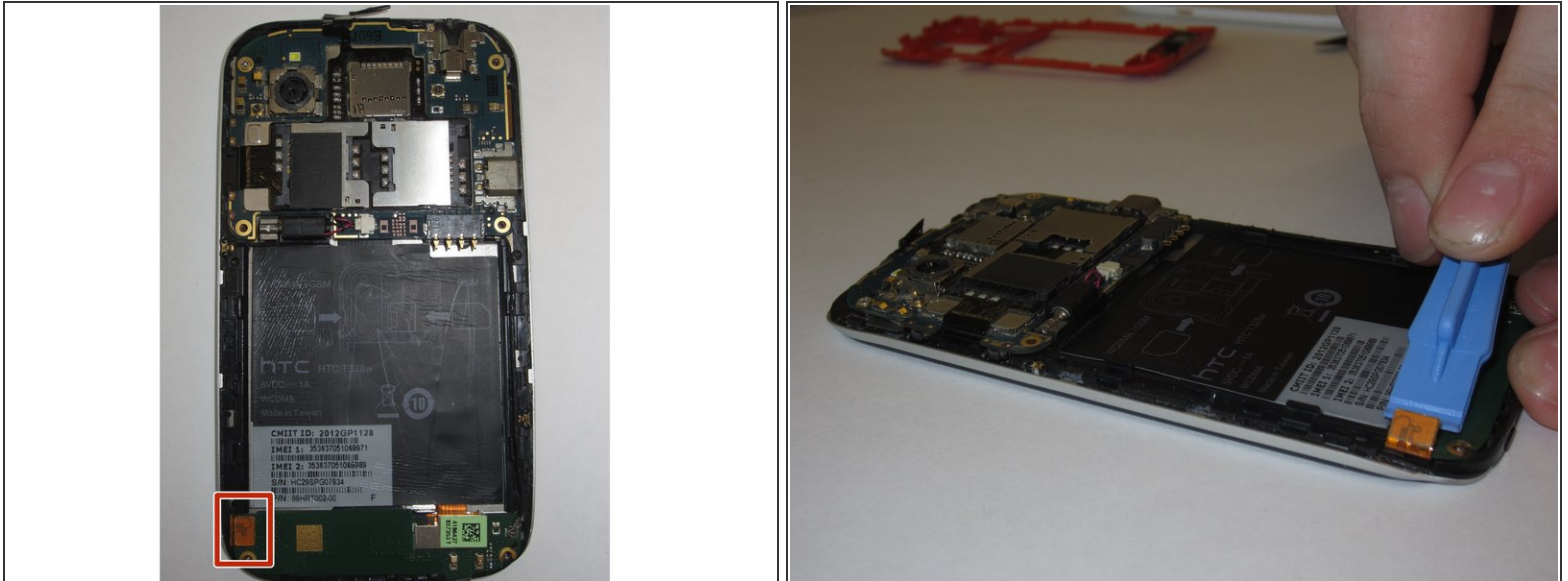
- Use a Torx T5 screwdriver to unscrew and remove five 3.0 mm screws from the rear frame.

## Step 4



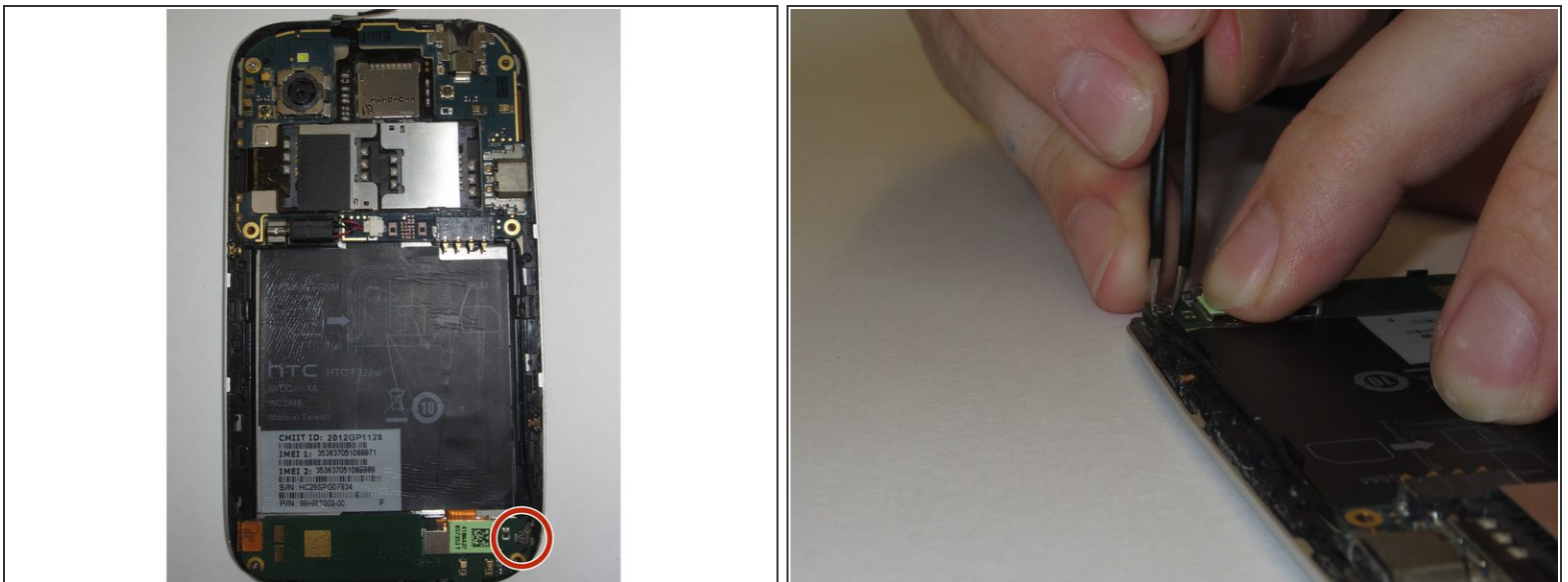
- Use an opening tool or a spudger to gently remove the rear frame.

## Step 5 — Button Assembly



- Remove the connector on left side of the Navigation board by unplugging/prying the orange ribbon.

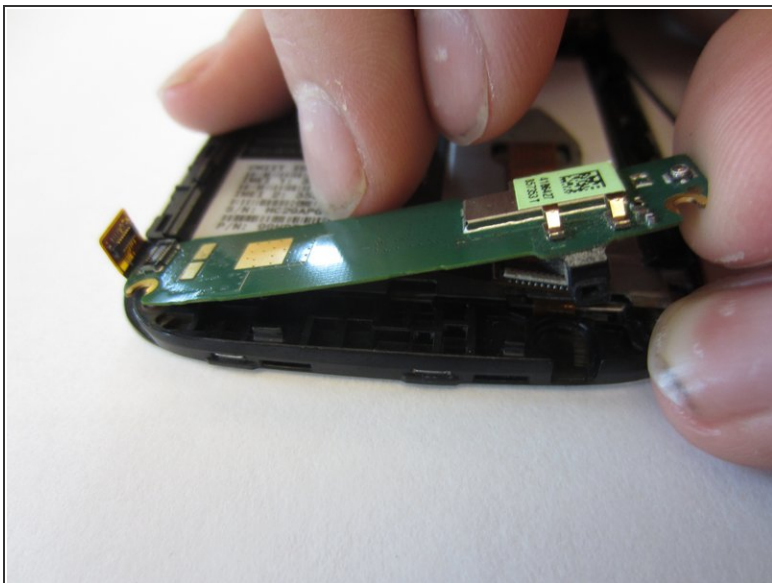
## Step 6



- Gently unplug and remove aerial cable (black antenna) from bottom plug.

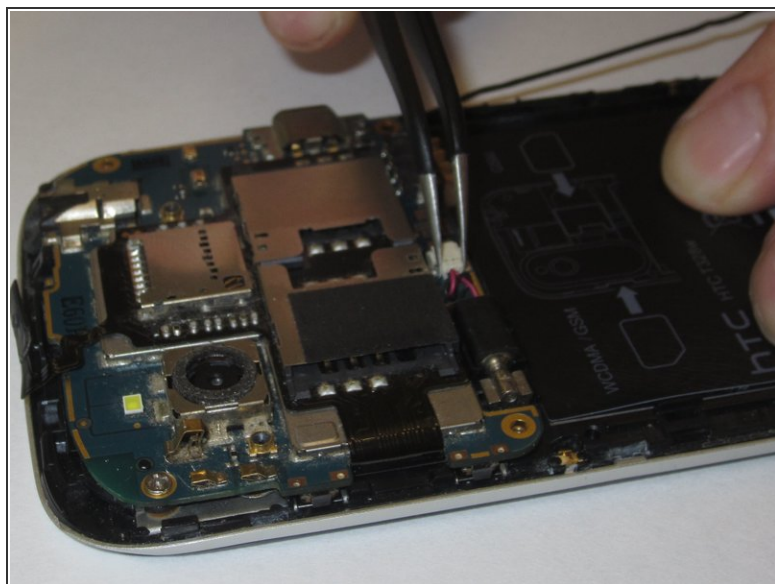


## Step 7



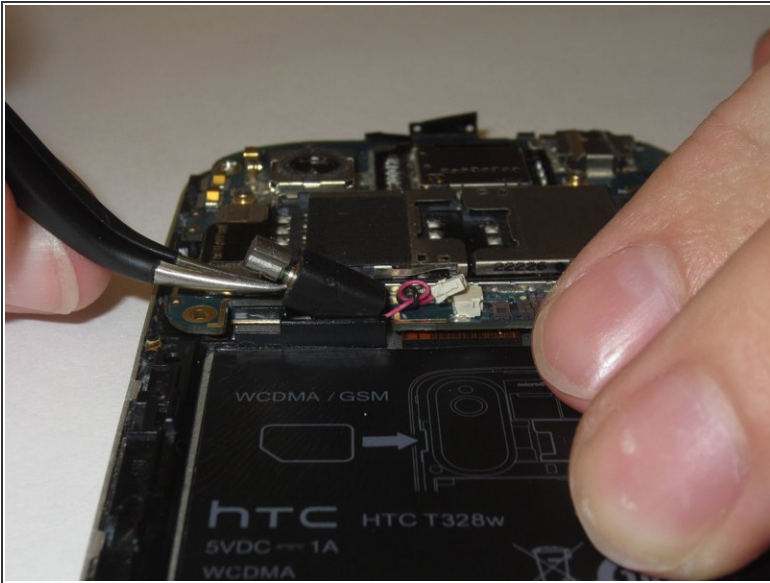
- Nav Board will be stuck down by glue.
- Pull gently from the right end of the board, being careful of its flexibility.

## Step 8 — Vibration Motor



- Unplug the vibration motor shown from the white plug on the motherboard.
- You will probably need tweezers to do this.

## Step 9



- Gently remove the motor from its housing in the phone's chassis.
- The easiest way to do this is to lever the motor out by its rotating end using the tweezers.

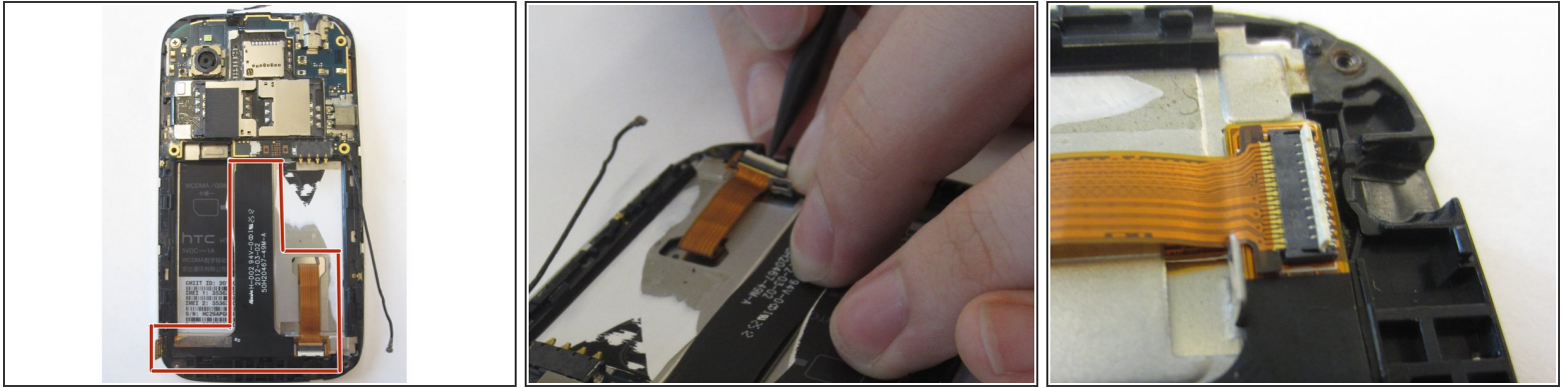
## Step 10 — Motherboard Assembly



- Remove the black information sticker if this is the first time opening the handset.

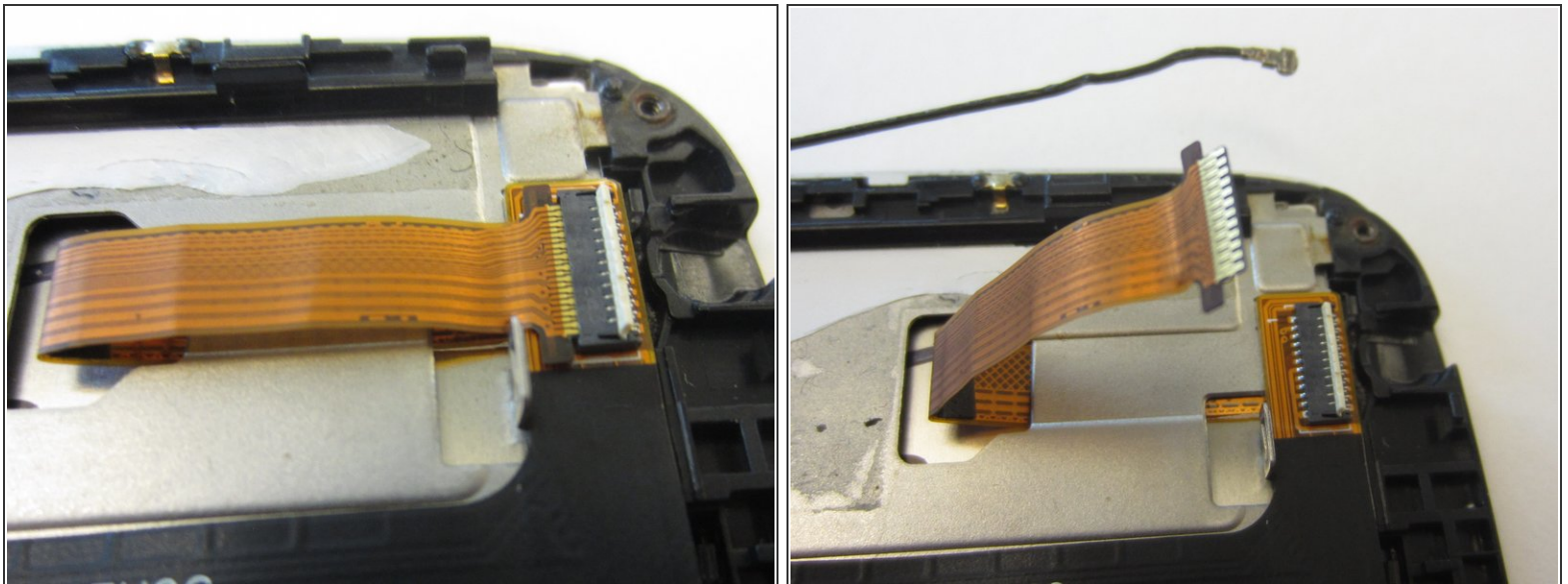


## Step 11



- You should now see a black ribbon cable, which was connected at the left to the Nav board, and on the right, to a gold ribbon cable which goes to the screen.
- Unlock the gold ribbon cable connecting screen to logic board by lifting the locking tab at the back of the socket.
- For this you may wish to use a spudger or tweezers.

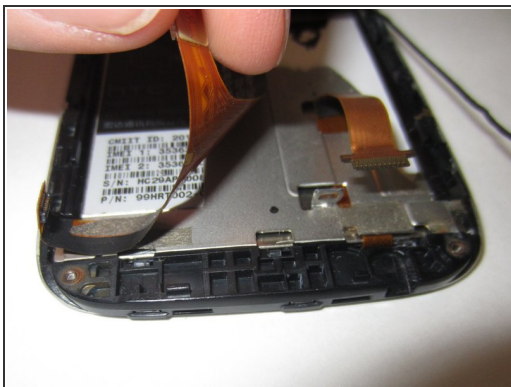
## Step 12



- Disconnect gold ribbon cable connecting screen to logic board by pulling cable out gently.

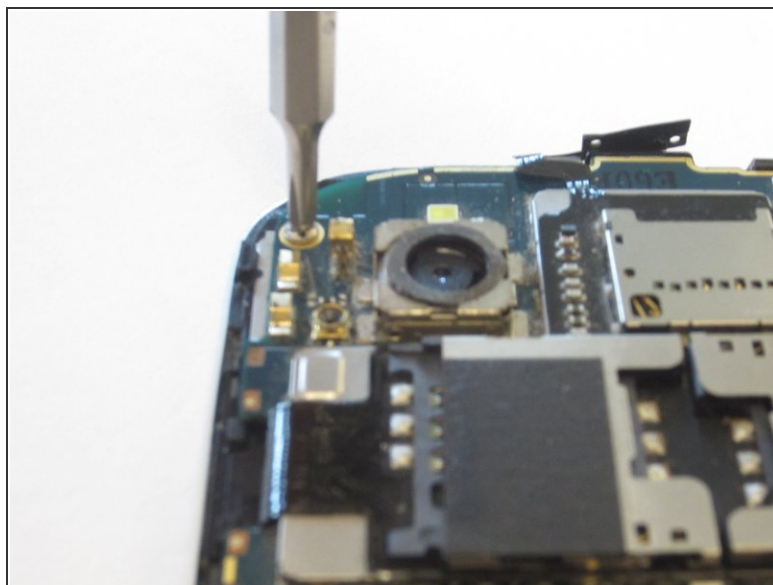


## Step 13



- Gently unstick black ribbon cable from the chassis.

## Step 14



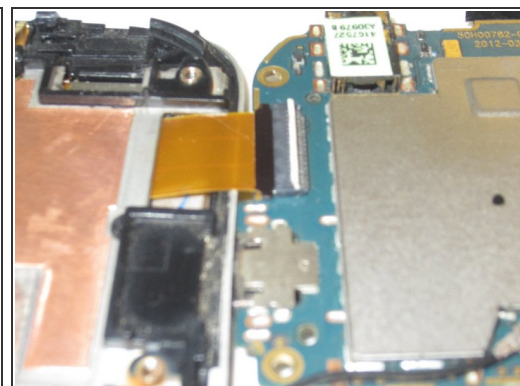
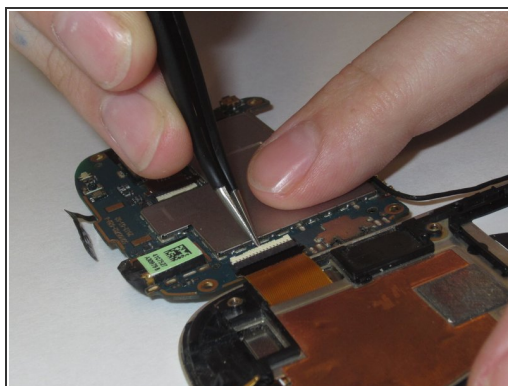
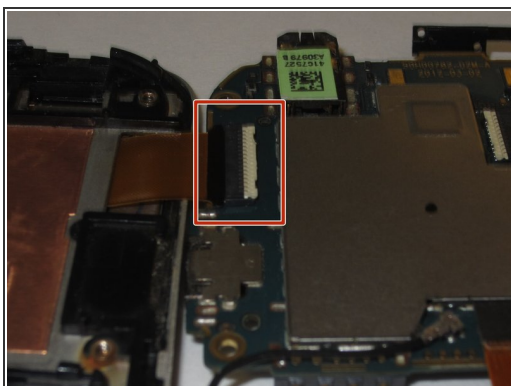
- Unscrew the 2mm silver screw from top left.
- Use a Phillips PH00 Screwdriver for this.

## Step 15



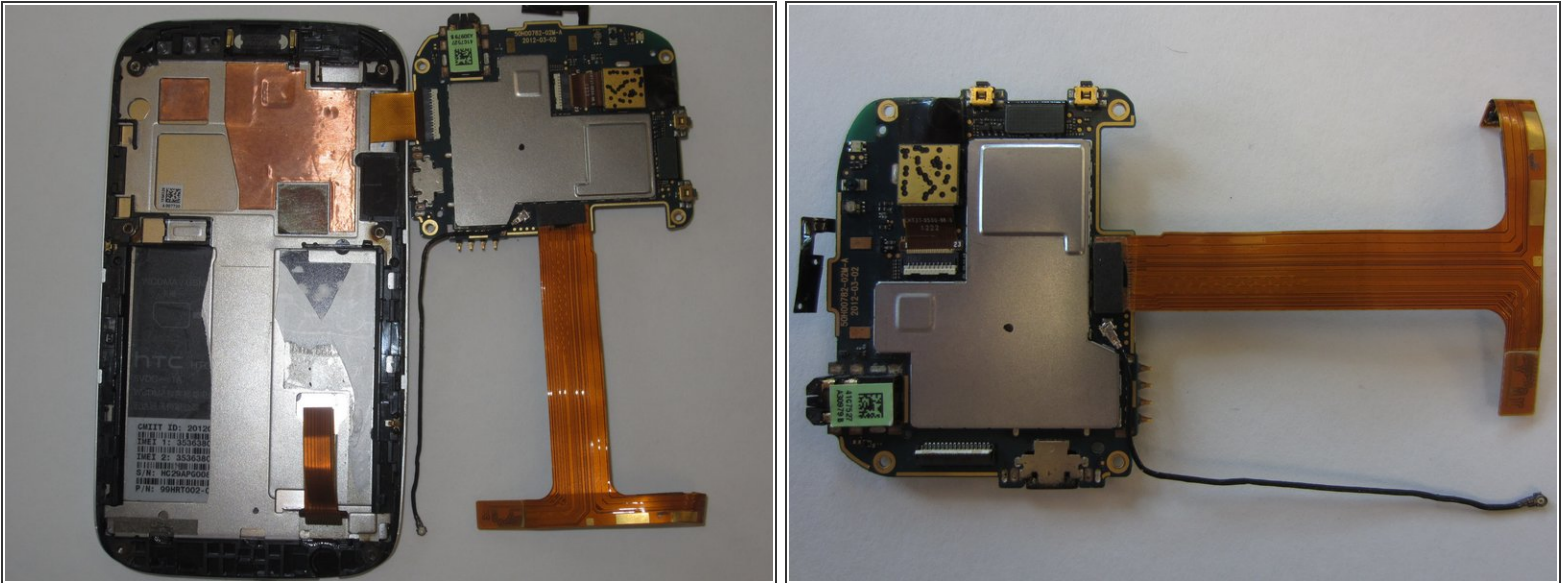
- Gently pry logic board from the casing by lifting the left side up, as if there was a hinge on the right, folding it over the right edge where you will see a gold/orange ribbon cable.

## Step 16



- Remove the gold ribbon cable by lifting tab at the back of the socket, using a spudger or tweezers.

## Step 17



- Gently pull the logic board to the right and it will disconnect from the chassis.

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