



# HTC Desire V Earpiece Speaker Replacement

This guide will show you how to remove and replace the earpiece speaker of the HTC Desire V Smartphone.

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## INTRODUCTION

This guide will show you how to remove and replace the earpiece speaker of the HTC Desire V Smartphone.

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### TOOLS:

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

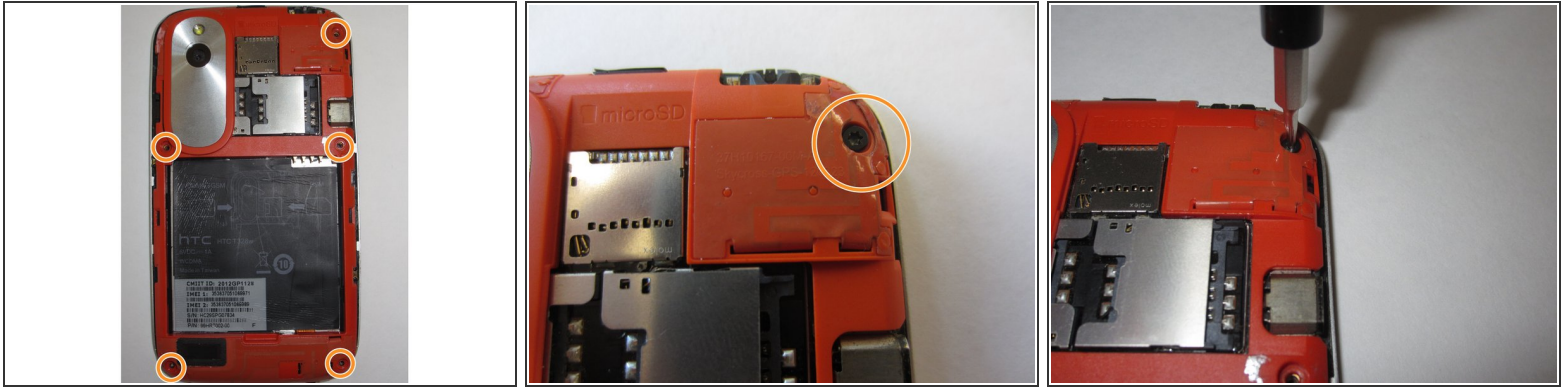
## Step 2



- 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.

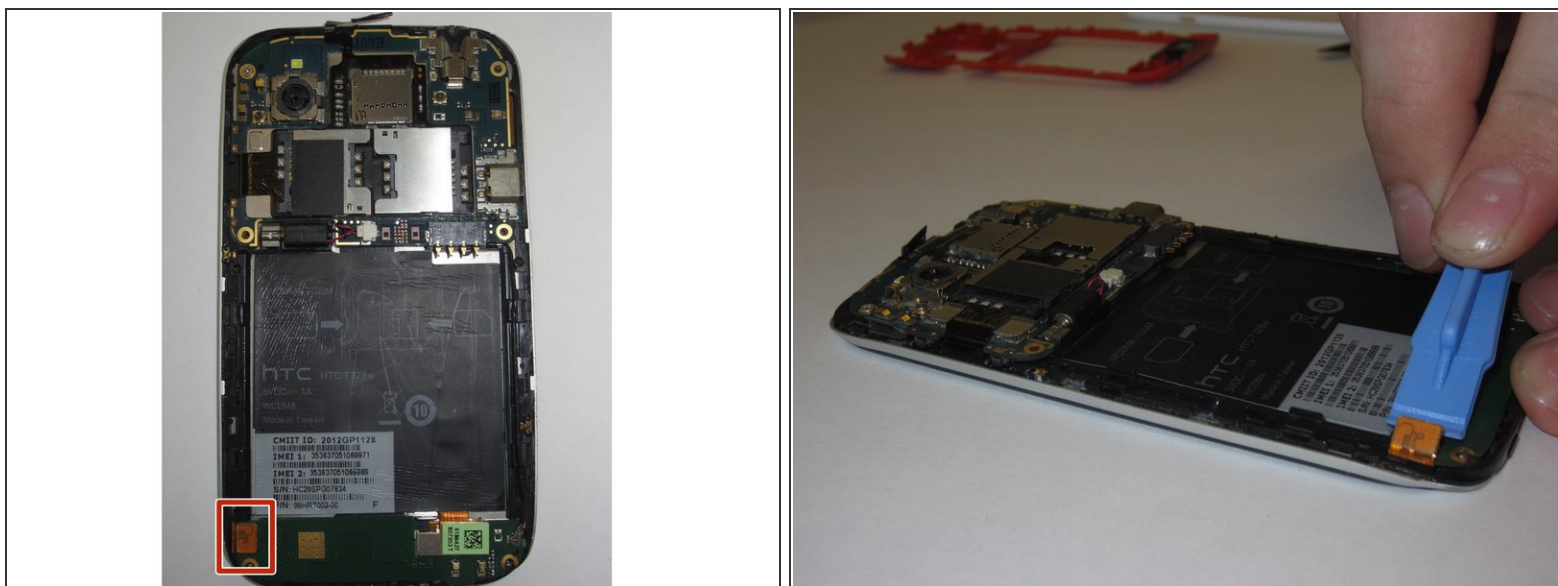
### Step 4



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

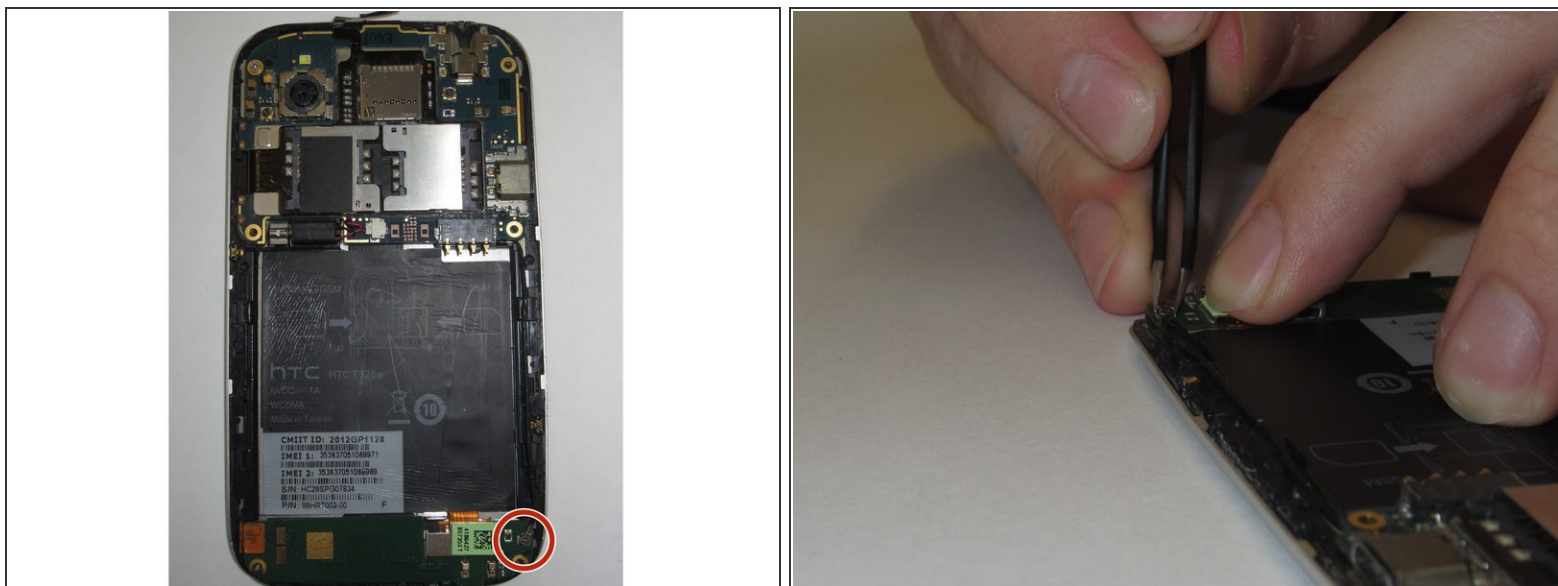


## Step 5 — Button Assembly



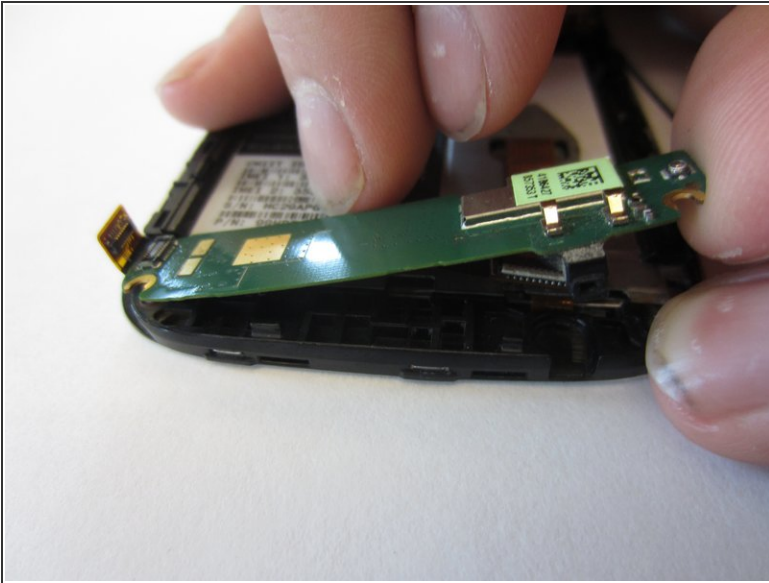
- Remove the connector on left side of the Navigation board by unplugging/prying the orange ribbon.

## Step 6



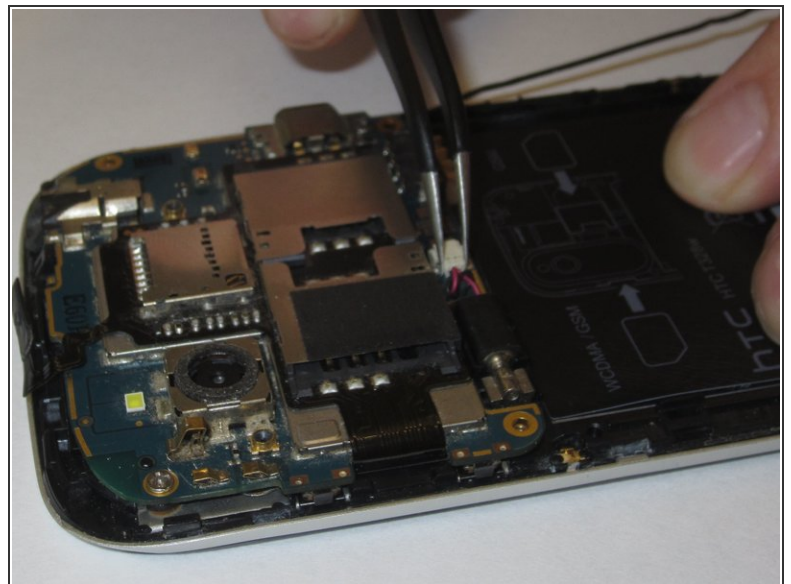
- Gently unplug and remove aerial cable (black antenna) from bottom plug.

## Step 7



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

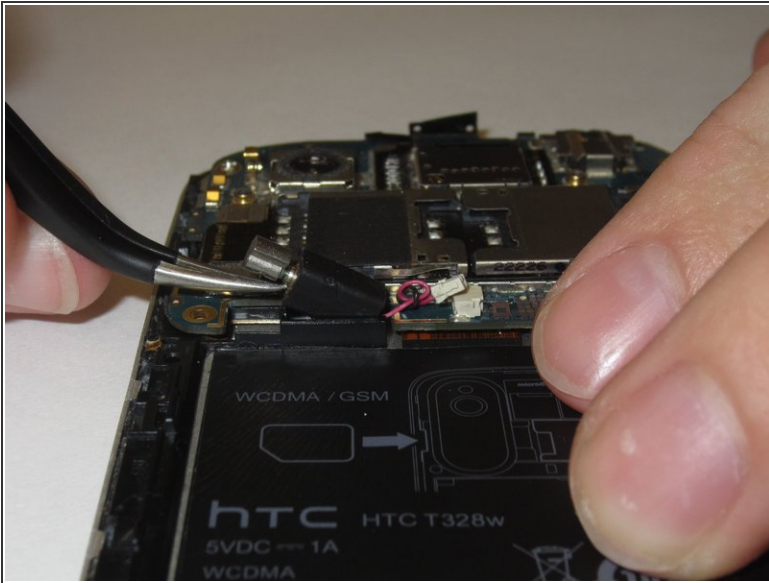
## Step 8 — Vibration Motor



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



## Step 9



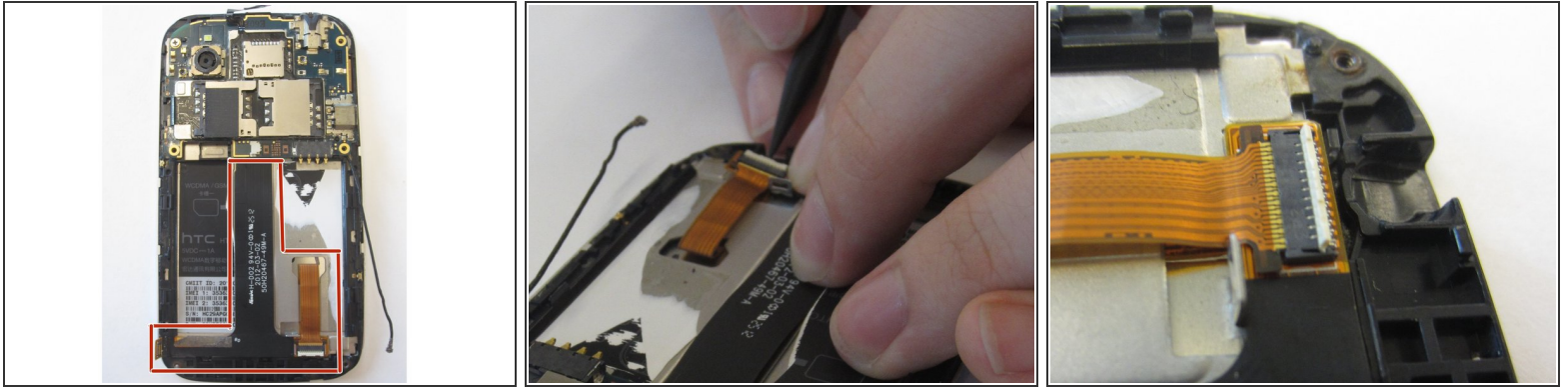
- Gently remove the motor from its housing in the phone's chassis.
- The easiest way to do this is to lever the motor out by its rotating end using the tweezers.

## Step 10 — Motherboard Assembly



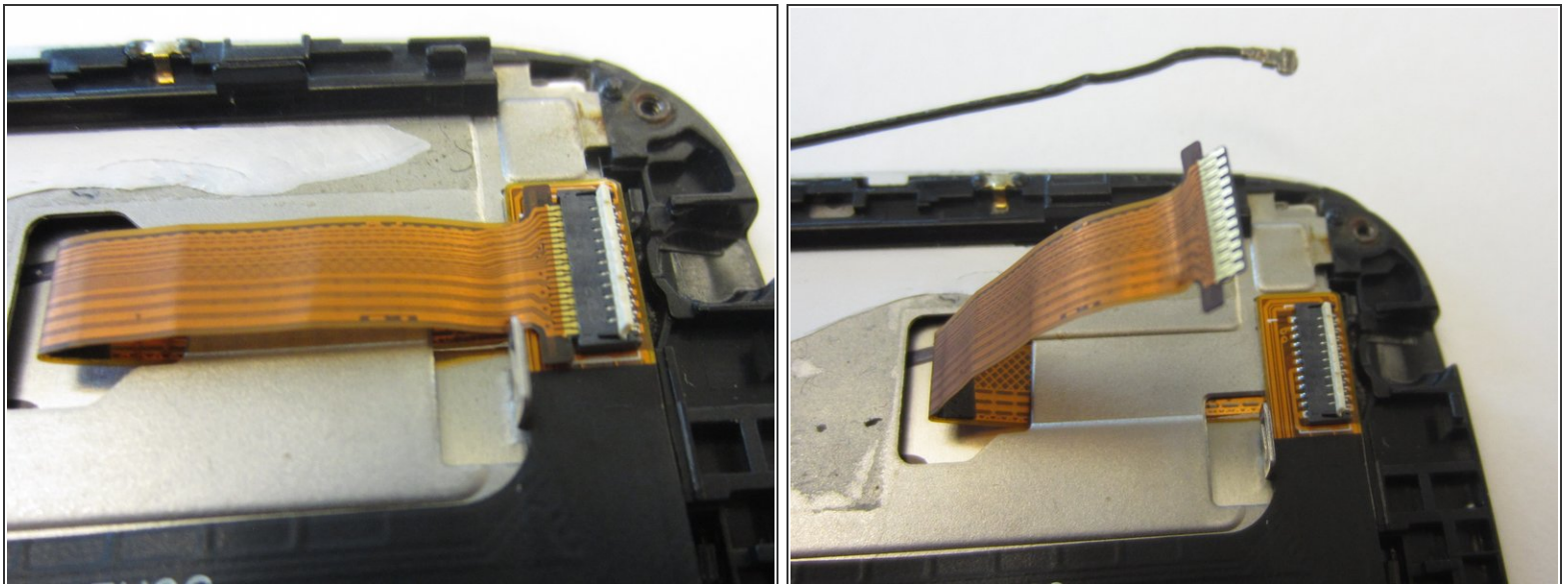
- Remove the black information sticker if this is the first time opening the handset.

## 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.

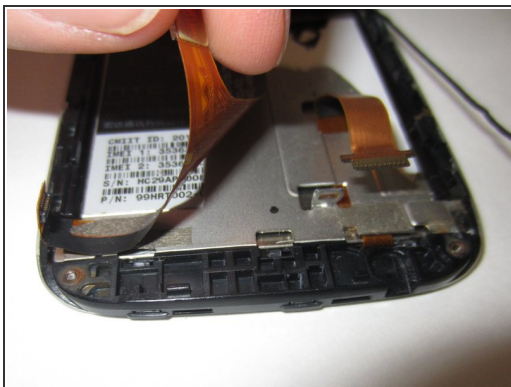
## Step 12



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

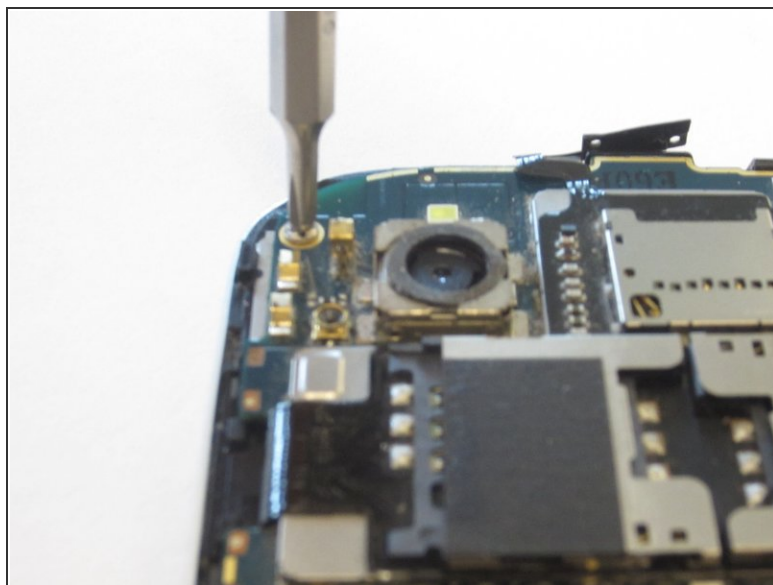


## Step 13



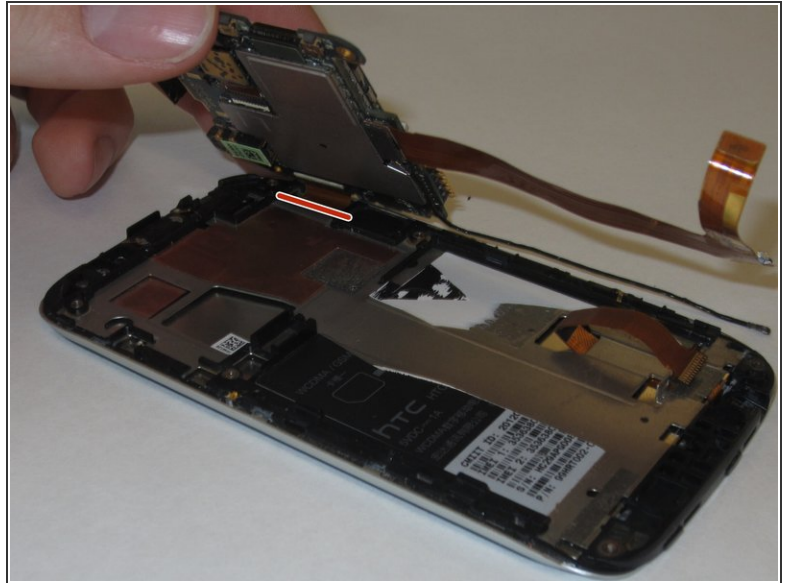
- Gently unstick black ribbon cable from the chassis.

## Step 14



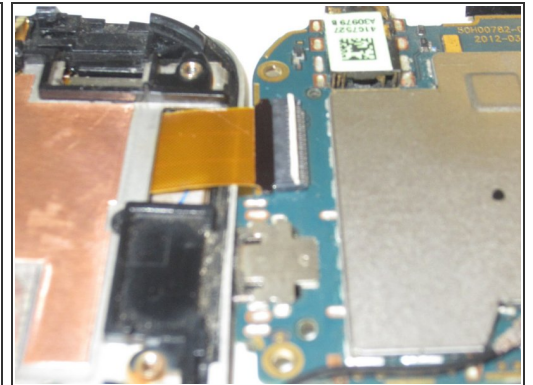
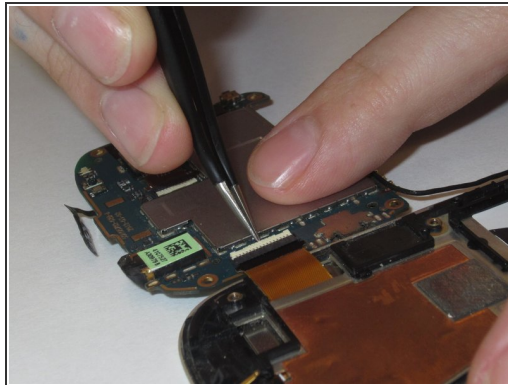
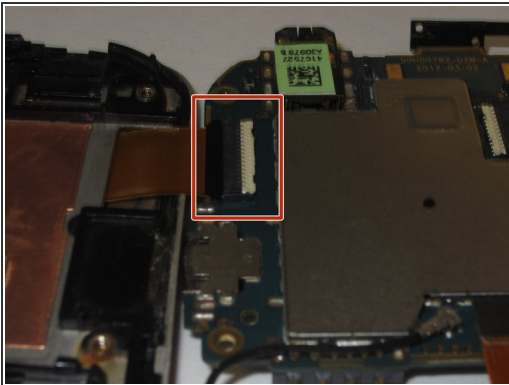
- Unscrew the 2mm silver screw from top left.
- Use a Phillips PH00 Screwdriver for this.

## 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.

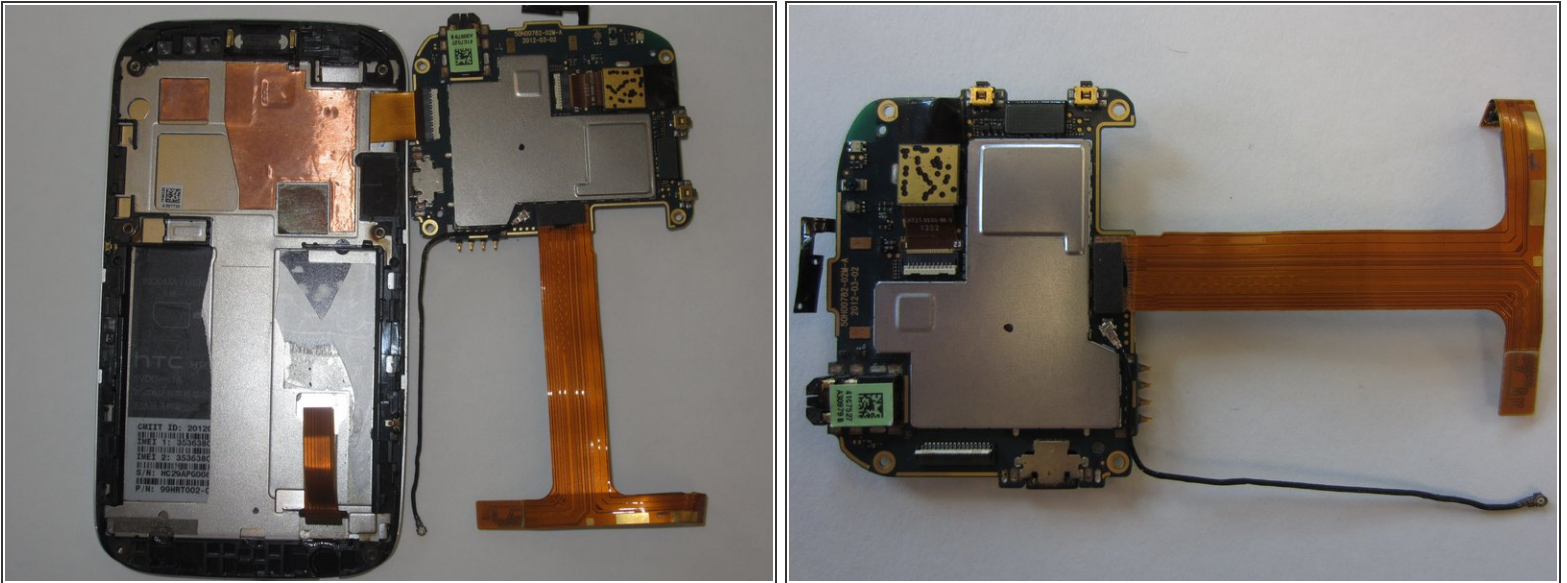
## Step 16



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

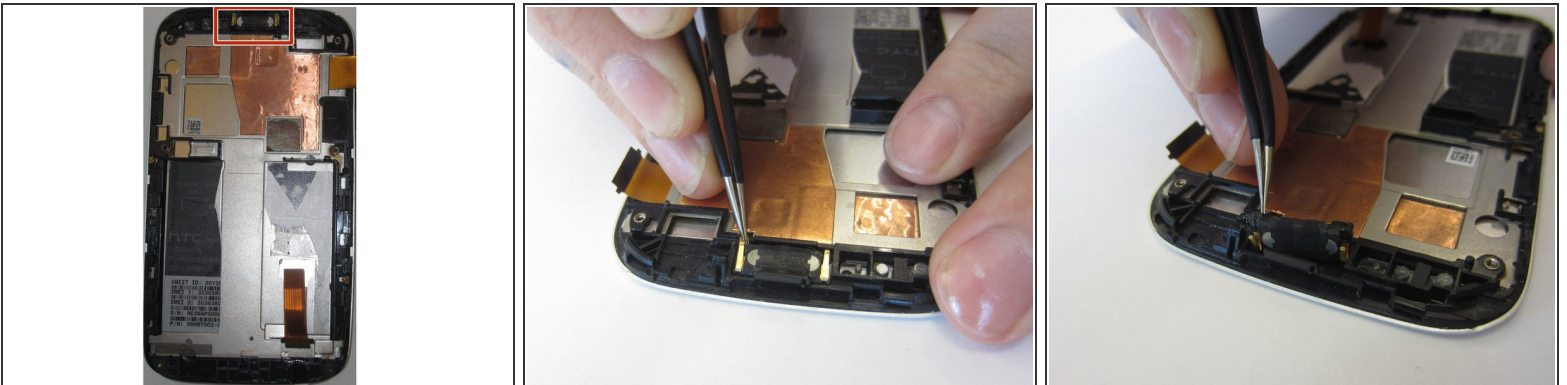


## Step 17



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

## Step 18 — Earpiece Speaker



- At the top of the phone is the speaker, with two gold coloured connectors.
- At the right hand side there is a space where using the fine tweezers you can gently pry the speaker from it's housing.



## Step 19



- Make sure you don't lose the speaker, as it is very small and can stick to metal objects.

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