



# Samsung Galaxy Note Antenna Replacement

This guide instructs you how to remove and replace the antenna.

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## INTRODUCTION

Before replacing the antenna, make sure your current antenna is the reason for your phone's problems. Check out the device's [troubleshooting page](#) to make sure your antenna is faulty. You may want to replace the antenna if your phone can't make calls or does not receive reception.

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### TOOLS:

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



- Make sure the screen is face-down and the camera is opposite you.
- Insert the flat end of a spudger into the phone's top right rectangular slot.
- Use the spudger as a lever to pry open the back of the phone.

## Step 2



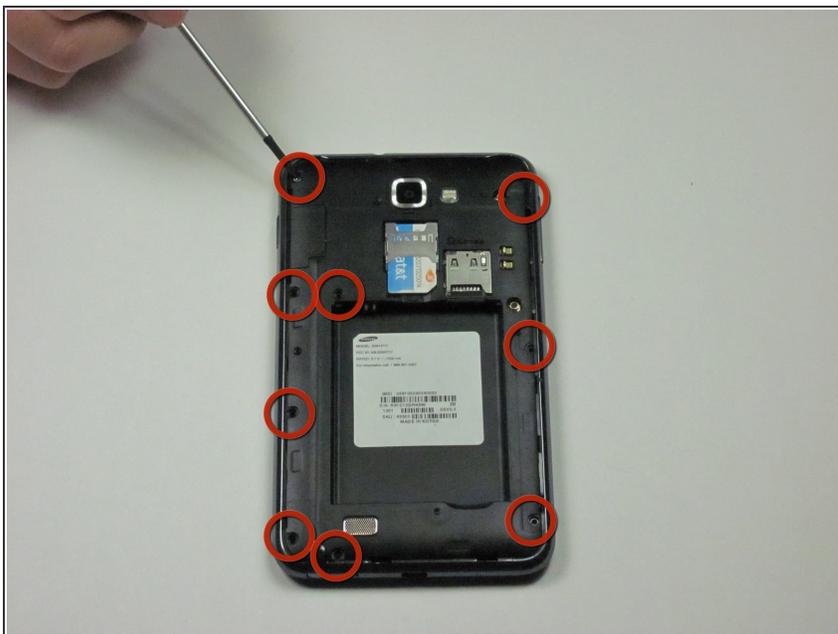
- With the spudger still inserted, carefully slide the spudger down the side of the phone.
- Gently peel off the back cover with your hand.

### Step 3



- Place the spudger in the battery's bottom right slot.
- Gently pry to remove the battery.

### Step 4 — Midframe



- Remove the nine 3mm screws on the perimeter of the phone with a Phillips #00 screwdriver.

## Step 5



- Remove the stylus from the bottom of the phone.

## Step 6



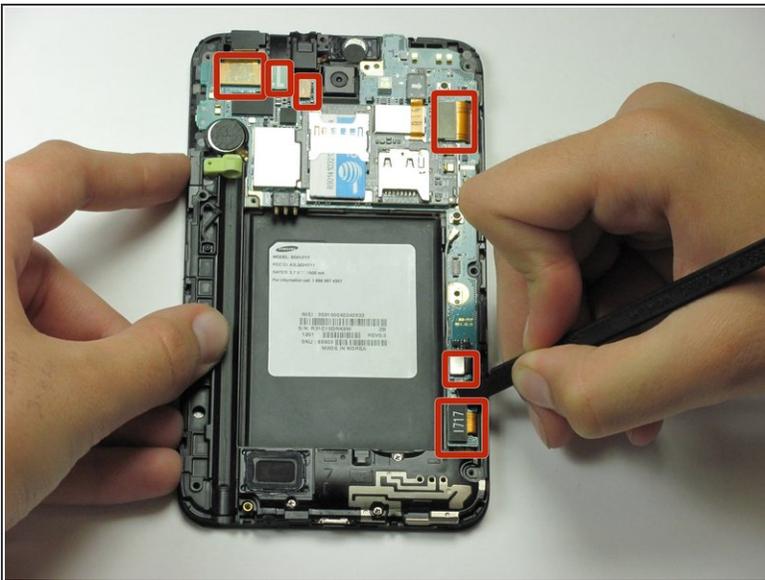
- Pry all the way around the sides with a plastic pry tool and gently pop off the midframe.
  - If the cover does not come off easily, continue to pry along the phone's perimeter.
- ⚠ This step can take some patience. Prying too hard or forcing the screen off can crack or scratch the screen and break the thin plastic around the stylus case.
- Separate the midframe from the phone. The midframe should now pull off easily.

## Step 7 — Antenna



- Remove the two 3mm screws surrounded by a gold border with a Phillips #00 screwdriver.

## Step 8



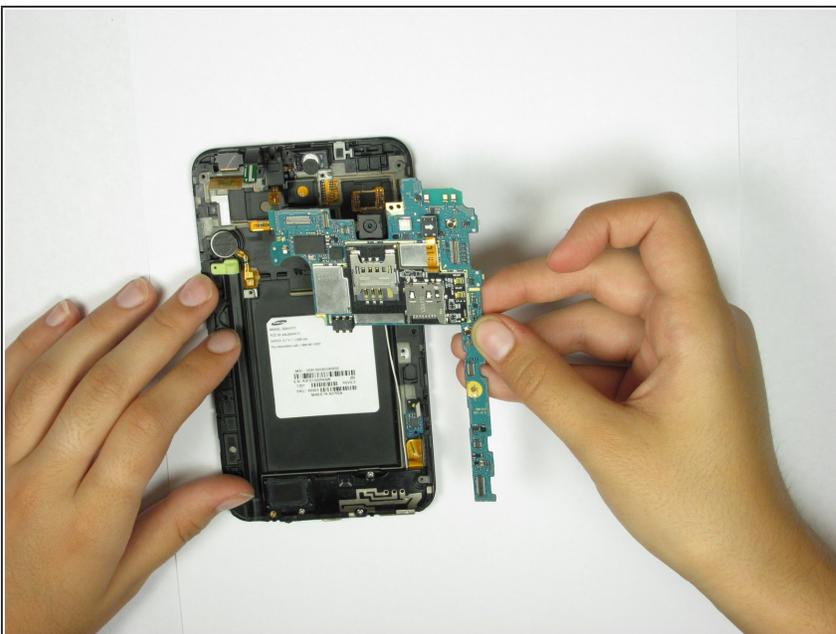
- Use the spudger to pry up all six flex ribbons that hold the motherboard in place. They should pop off easily.

## Step 9



- Use the spudger to pull off the white wire with the gold connector.

## Step 10



- Lift the motherboard (PCB) directly up with your hands.
- If the screws are all removed, the motherboard should come off easily.

## Step 11



- Use a Phillips #00 screwdriver to remove the three 3mm screws on the black rectangular bracket located towards the bottom of the phone.

## Step 12



- Use the spudger's flat end to disconnect the other end of the antenna.

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

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