NuVision TM800A510L Battery Replacement

If the battery won't hold a charge or won't charge at all, a full battery replacement might be necessary. Hopefully, this guide will help with the process.

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INTRODUCTION

The battery is held down with adhesive and is soldered into the motherboard, so it will be hard to remove. Switching steps 3 & 4 may make the repair easier for some.Take your time with this repair and prepare to be frustrated.
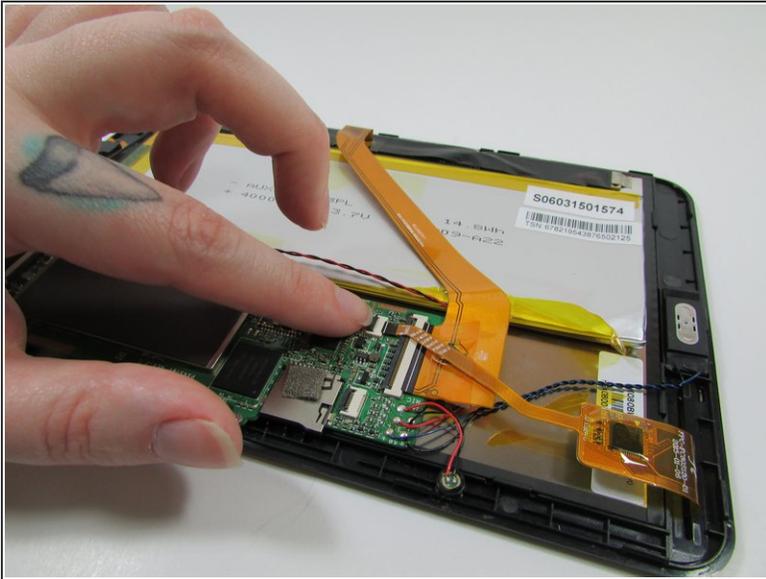
TOOLS:

- Heat Gun (1)
- iFixit Opening Tools (1)
- Desoldering Braid (1)
- Soldering Iron (1)

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Step 1 — Battery

- Use a Heat Gun to loosen the adhesive under the backing of the device.

- Use prying tools to lift up the back of the device to get underneath.

- (i) I recommend concentrating on one side of the device at a time and making sure the device is 'almost too hot to touch' before you begin using the prying tools.

- (i) You can use either metal or plastic prying tools. Keep in mind, though, that metal ones may scratch the device.
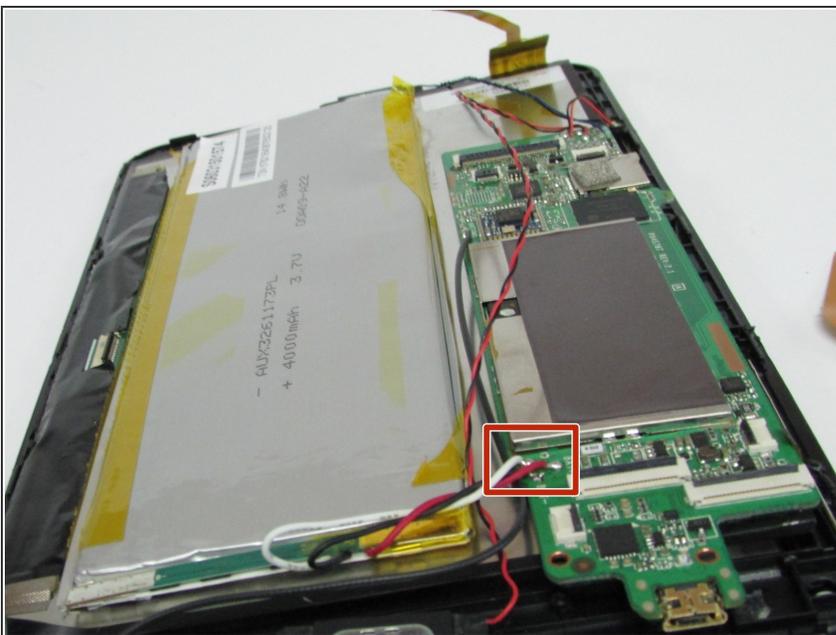
Step 2

- Unlock all of the ribbons that cross or interfere with the battery.

- Remove the unlocked ribbons if you can- this will make it easier to work with the battery later.

Step 3

- Use **plastic** prying tools to peel up the battery. Metal prying tools may puncture the battery and cause more damage. If you MUST use metal prying tools, go slow.

- (i) This process may take some time since the battery is held down with adhesive.

- ⚠ It is not really recommended to use the Heat Gun on the battery. However, the heat will loosen the adhesive. Therefore, **if** you decide to use a Heat Gun, apply the heat to the battery from **underneath the device** (heat the screen).

Step 4

- Desolder battery and wires from Motherboard HERE!

- Once the wires are free, so is the battery. You should be able to replace the battery and its wires in full (as a package deal).

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