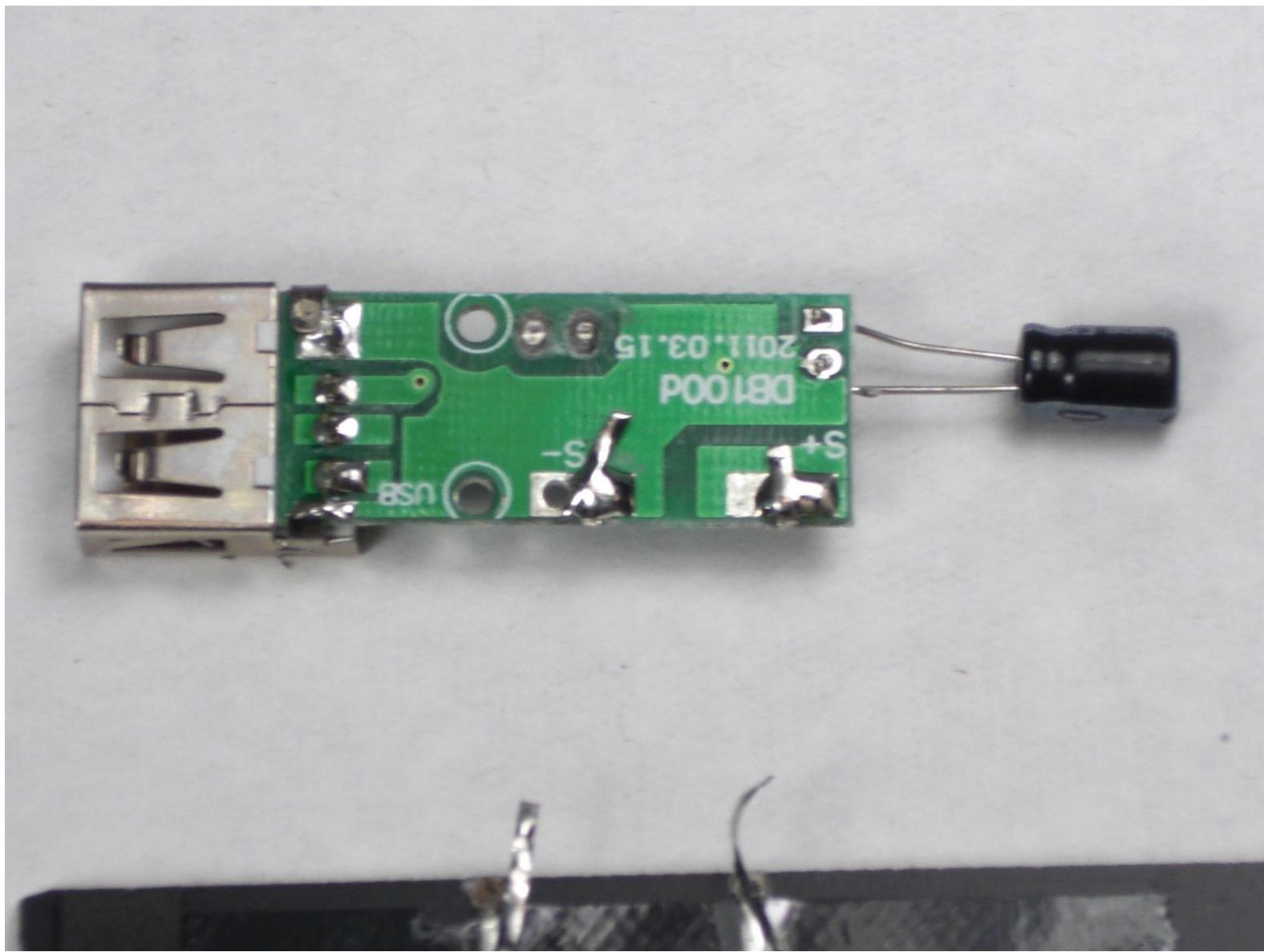




Nokero SunRay Pro Power Panel USB Assembly Replacement

Try replacing your USB assembly or solar panel if your device will not charge.

Written By: Nicholas Orr



INTRODUCTION

If you are having trouble with the USB port or solar panel, then these steps should be used to replace it altogether.

TOOLS:

- [Soldering Iron \(1\)](#)
- [iFixit Opening Tools \(1\)](#)
- [Phillips #00 Screwdriver \(1\)](#)

Step 1 — Front and Back Case



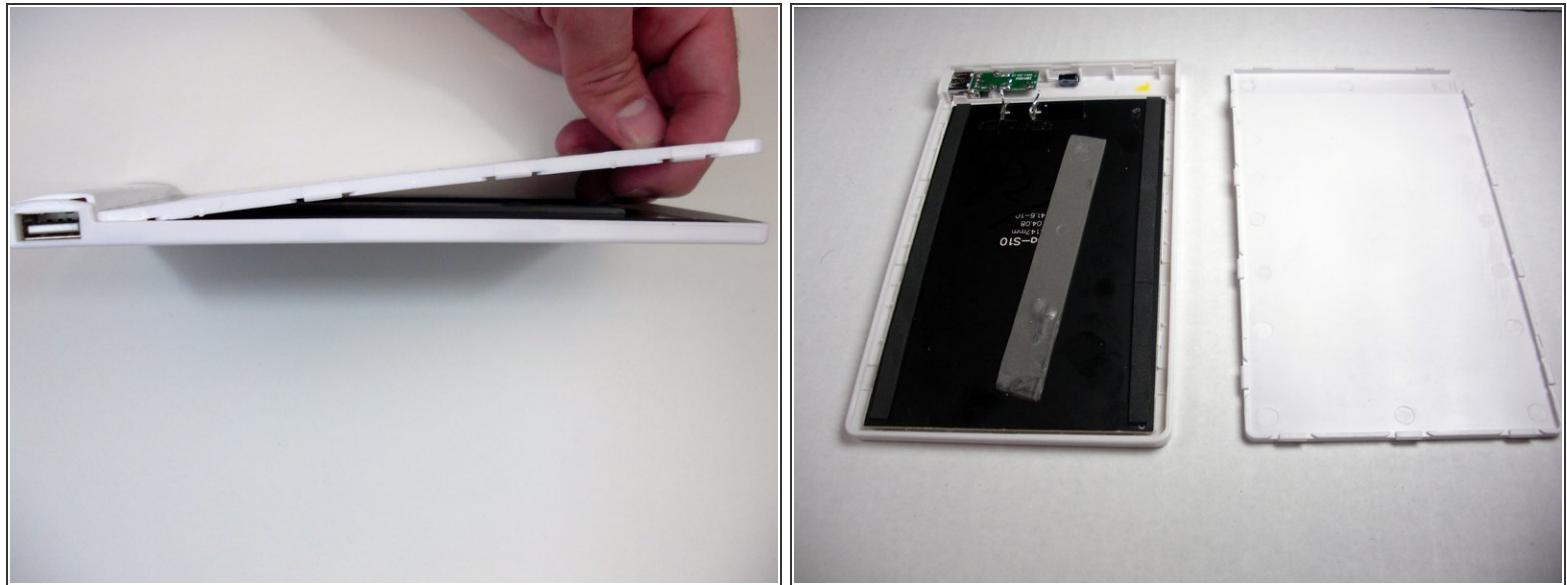
- Turn over the device so that the back of the device is facing up.

Step 2



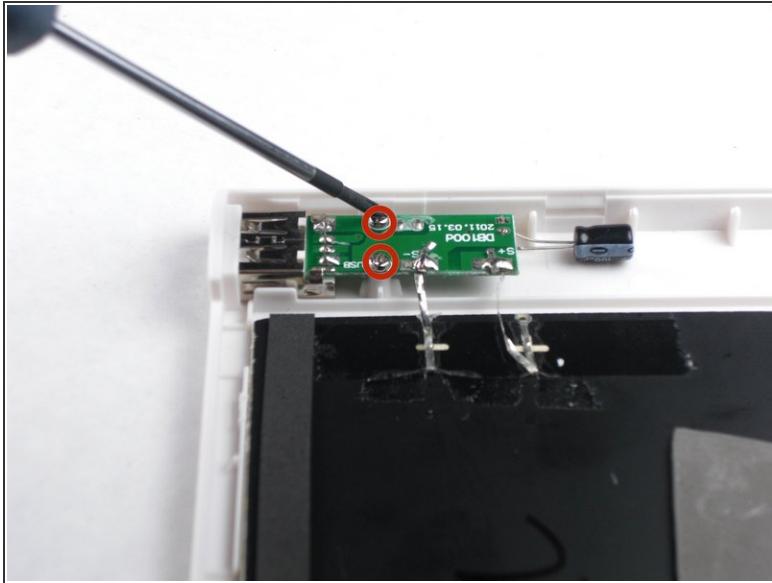
- Insert the first plastic opening tool along the side to pry open the case.
- Sliding the plastic opening tool, while inserted, along the seam may help the removal process.
- Use a second plastic opening tool to help separate the remaining seams.

Step 3



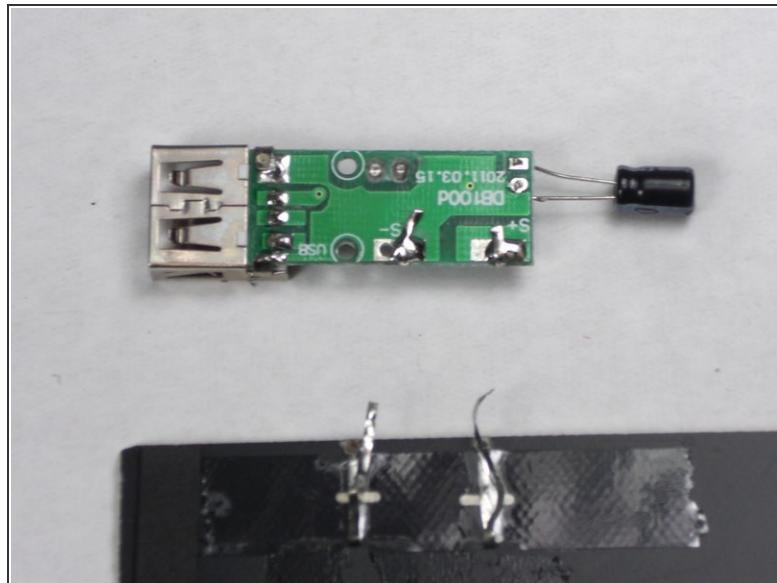
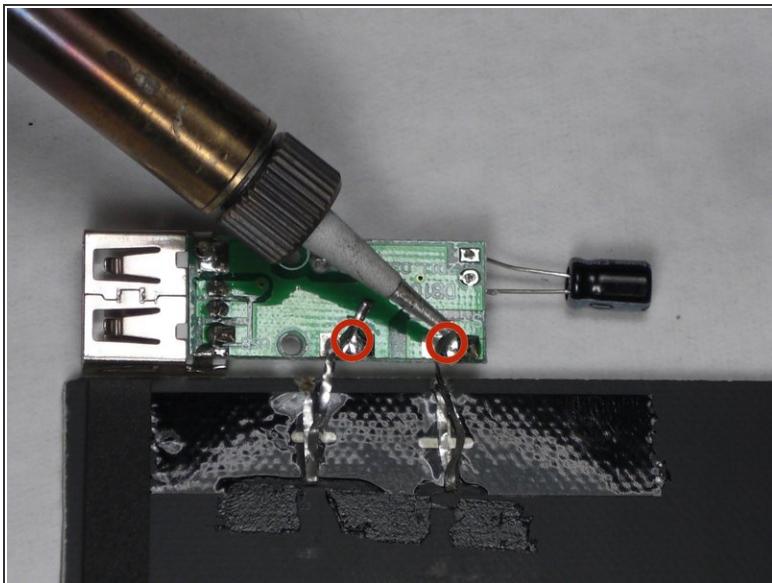
- There is a long strip of double sided adhesive foam tape that prevents the back case from easily being removed.
- Pull the back case off by applying steady pressure to remove it from the adhesive foam tape.

Step 4



- Use the Phillips precision screwdriver to unscrew the two 5.0 mm Phillips screws from the circuit board.
- Remove the solar panel and circuit board from the front case.

Step 5 — USB Assembly/ Solar Panel



- Solder the two contact points identified by the "S+" and "S-" to disconnect the USB assembly.

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