Hover-1 Nomad Charging Port Replacement

How to replace the charging port on your Hover-1 Nomad.

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INTRODUCTION

If your Nomad is not charging correctly, your charging port may be damaged. Follow this guide to replace the charging port in your Hover-1 Nomad.

⚙ TOOLS:

- Phillips #2 Screwdriver (1)
- Spudger (1)
- Slip Joint Pliers (1)

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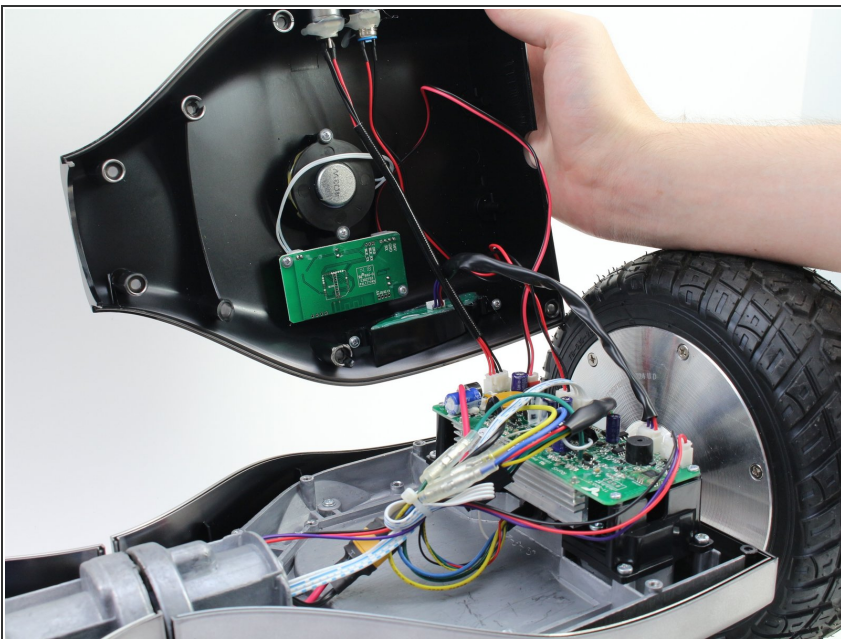
Step 1 — Outer Shell

- ● Break the two warranty stickers by poking a screwdriver through them or peeling them off.

- ● Remove the following twenty screws by rotating the screwdriver counterclockwise:
  - ● Eight 16.2mm Phillips #2 screws
  - ● Eight 15mm Phillips #2 screws
  - ● Four 19.1mm Phillips #2 screws

- ⓘ The holes containing most of the screws are deep and narrow. A screwdriver with interchangable bits will not be able to reach them.

- 📌 Do not over-tighten the screws during reassembly. Over-tightened screws can crack the plastic channels holding the shell to the frame of the hoverboard.
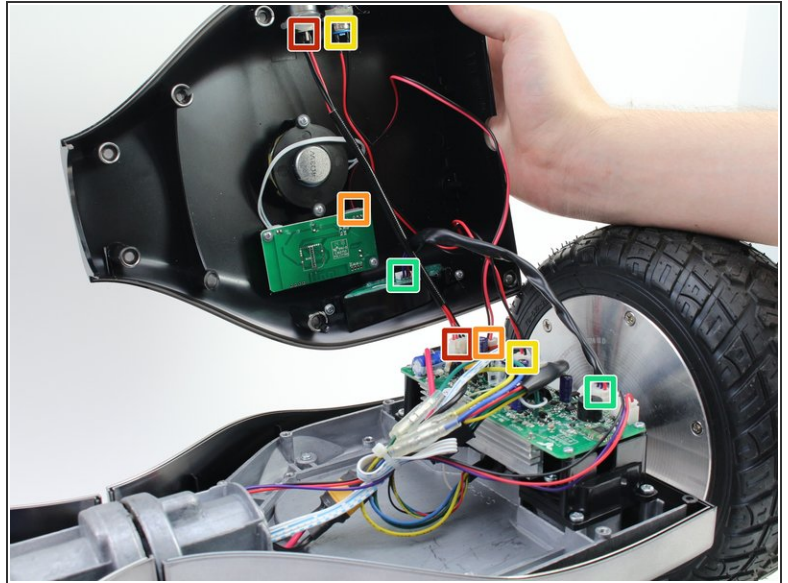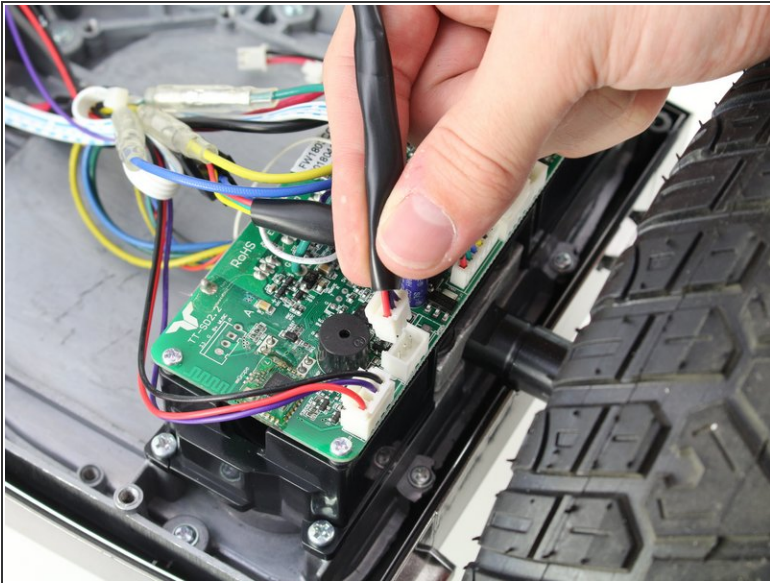
Step 2

- Use a nylon spudger to pry the metal handle away from the outer shell.

- Rotate the metal handle toward the center of the hoverboard to unlock the plate from the retaining clips.

- Lift the hoverboard off the metal handle.

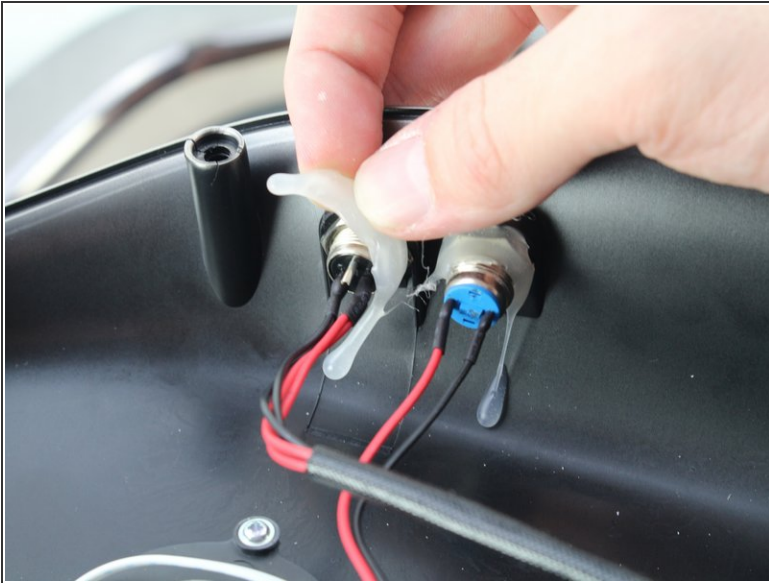- Repeat for the handle on the other side of the hoverboard.

Step 3

- Lift the plastic cover on each side up and away from the device.

⚠ Multiple wires connect the circuit boards to the outer shell. Remove the shell gently to avoid damaging the wires or components.

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Step 4

- Disconnect the following wires by pinching the connector tabs and pulling the plugs out of the connectors:

  - Charging port wires

  - Speaker assembly wires

  - Power button wires

  - Headlight wires

- ⓘ Only the headlight wires need to be disconnected from the other circuit board.

- ⚲ Ensure the wires are connected to the correct ports on the circuit board during reassembly.

Step 5 — Charging Port

- Peel off the glue around the charging port.

- Unscrew the hexagonal nut around the charging port by rotating the nut counterclockwise with a pair of pliers.

Step 6

- Feed the wire and connector through the removed nut and pull the charging port out through the hole in the outer casing.

- (i) Pulling the connector through the nut is a tight fit. Try turning the plug sideways to fit the connector through the nut.

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