



Garmin Nuvi 42LM Motherboard Replacement

Follow the steps in this guide if you need to replace the Garmin Nuvi 42LM motherboard.

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INTRODUCTION

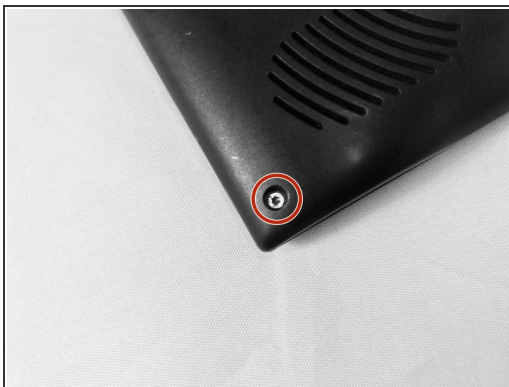
You will need to remove several screws and the battery in order to replace the motherboard.



TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Back Cover



- Remove the four screws on the back of the GPS using the T5 Torx screwdriver.

Step 2



- Pry the GPS open using a plastic opening tool.
- ⓘ When prying open the device, use caution to avoid damaging the motherboard.

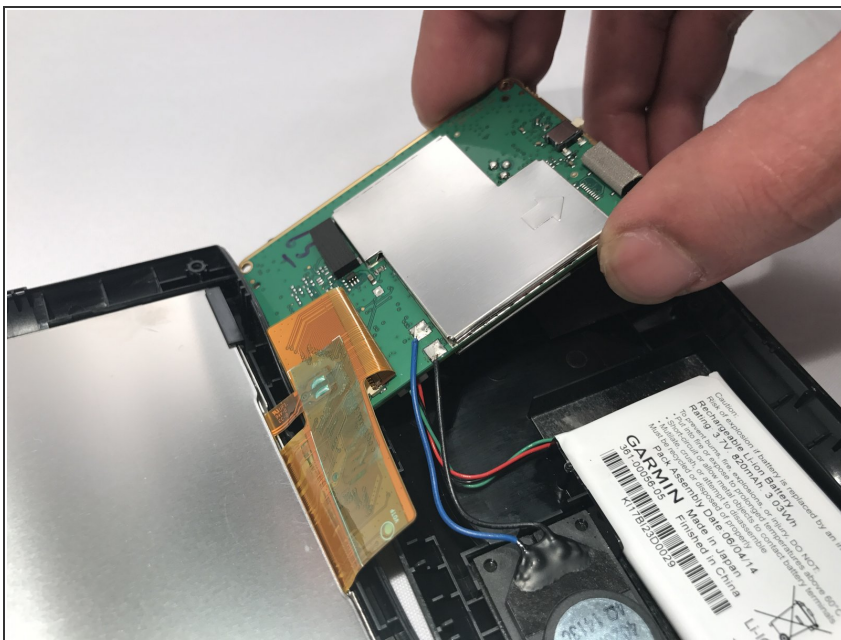
Step 3 — Motherboard



- Using the T5 Torx screwdriver, remove the two screws located on the motherboard.

i There are two screws - one in the back and one in the front.

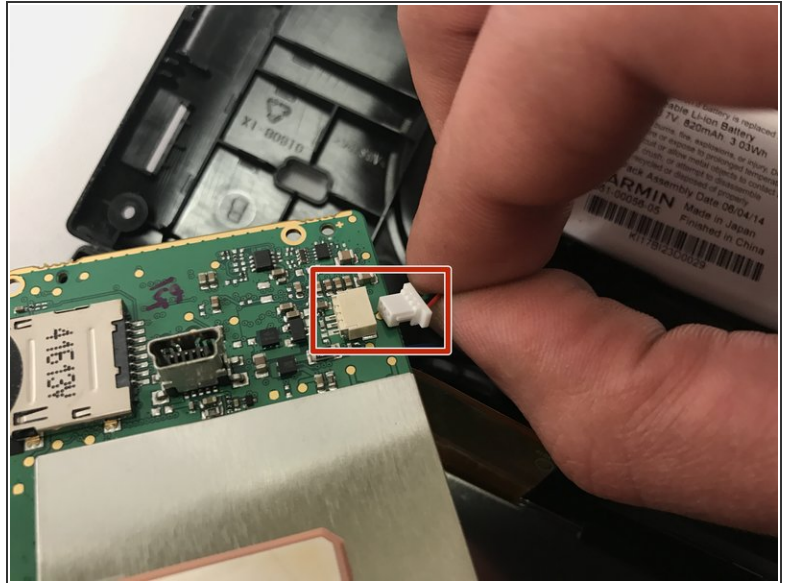
Step 4



- Move the motherboard from from its designated location on the GPS.

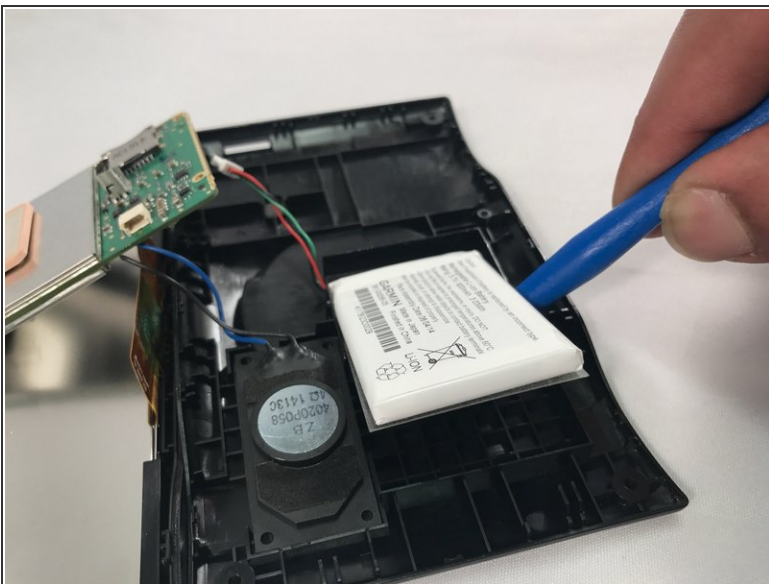
i Do not pull on red, green, and black cables when repositioning the motherboard.

Step 5



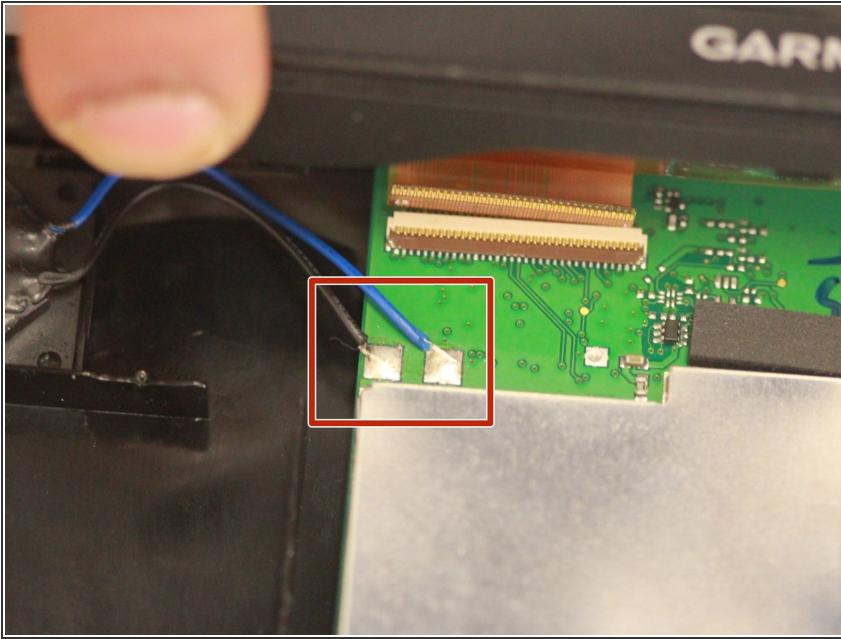
- Gently unplug the red, green, and black bundled cable to remove the battery.

Step 6



- Use blue plastic opening tool to carefully pry the battery from the GPS.
- ⓘ You might need to use additional force when prying because there is adhesive glue on the back of the battery.

Step 7



- Using a soldering iron, desolder the black and blue wires connected to the motherboard.
- Once the black and blue wires are desoldered, lift the motherboard out and away from the device.
- ① Check out this awesome guide on [how to solder and desolder connections](#).

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