



Garmin Nuvi 2557LMT Motherboard Replacement

Replace the motherboard in your Garmin Nuvi 2557LMT.

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INTRODUCTION

The tools needed are T5 Torx Screwdriver, plastic opening tool, and a soldering iron. In order to take out the motherboard you will need to disconnect the battery and the speaker from it also.



TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Garmin Nuvi 2557LMT Disassembly



- Using a T5 Torx screwdriver, remove four 6 mm screws from the four corners of the back of the device.

Step 2



- Grip the device with your hands. Using your thumbs pull the nameplate towards yourself and off the device.

Step 3



- ⓘ There is a visible separation between the front and the back of the device.
- Using a plastic opening tool, pry open the device along this separation.
- ⚠ Trying to open the device on the opposite side will rip the motherboard-display connector.

Step 4



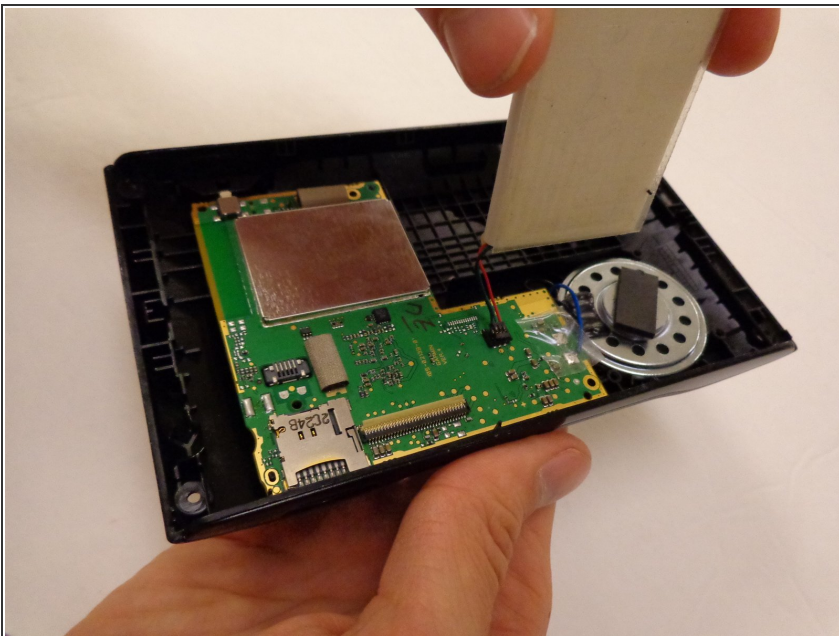
- Carefully pull apart the device by opening it up on the opposite side of the nameplate.

Step 5 — Battery



- Using a plastic opening tool pry the battery away from the device.
- ⓘ The battery might be glued, so it might require a little bit of force to get it out.

Step 6



- Pull the battery-motherboard connector away from the motherboard.

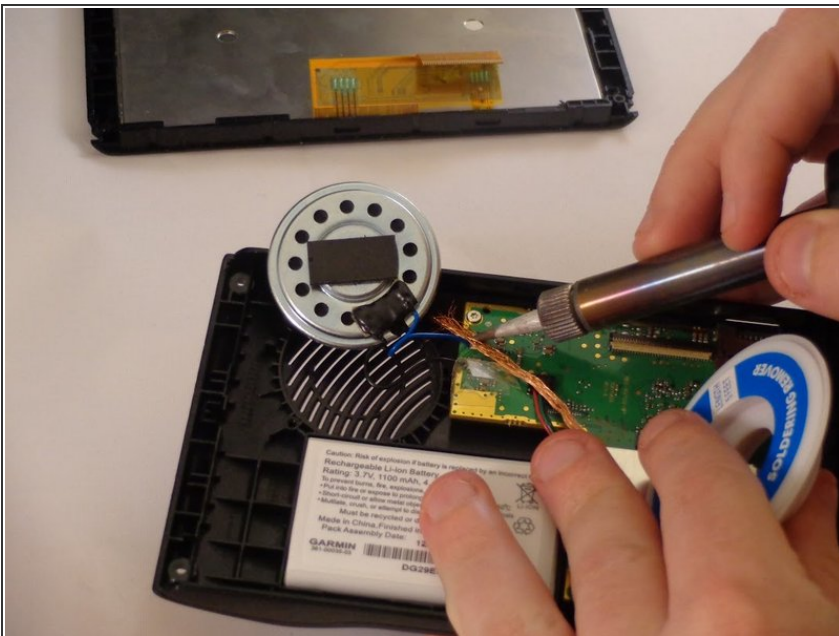
Step 7 — Speaker



- Using a plastic opening tool, wedge the speaker from the device.

⚠ Don't pull it out of the device too far. It is still connected to the motherboard wire.

Step 8



- Using a soldering iron, desolder the wire connection between the speaker and the device.

Step 9 — Motherboard



- Using a T5 Torx Screwdriver, remove the 5mm screws in the four corners of the motherboard.

Step 10



- Using a plastic opening tool, pry the motherboard away from the device.

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