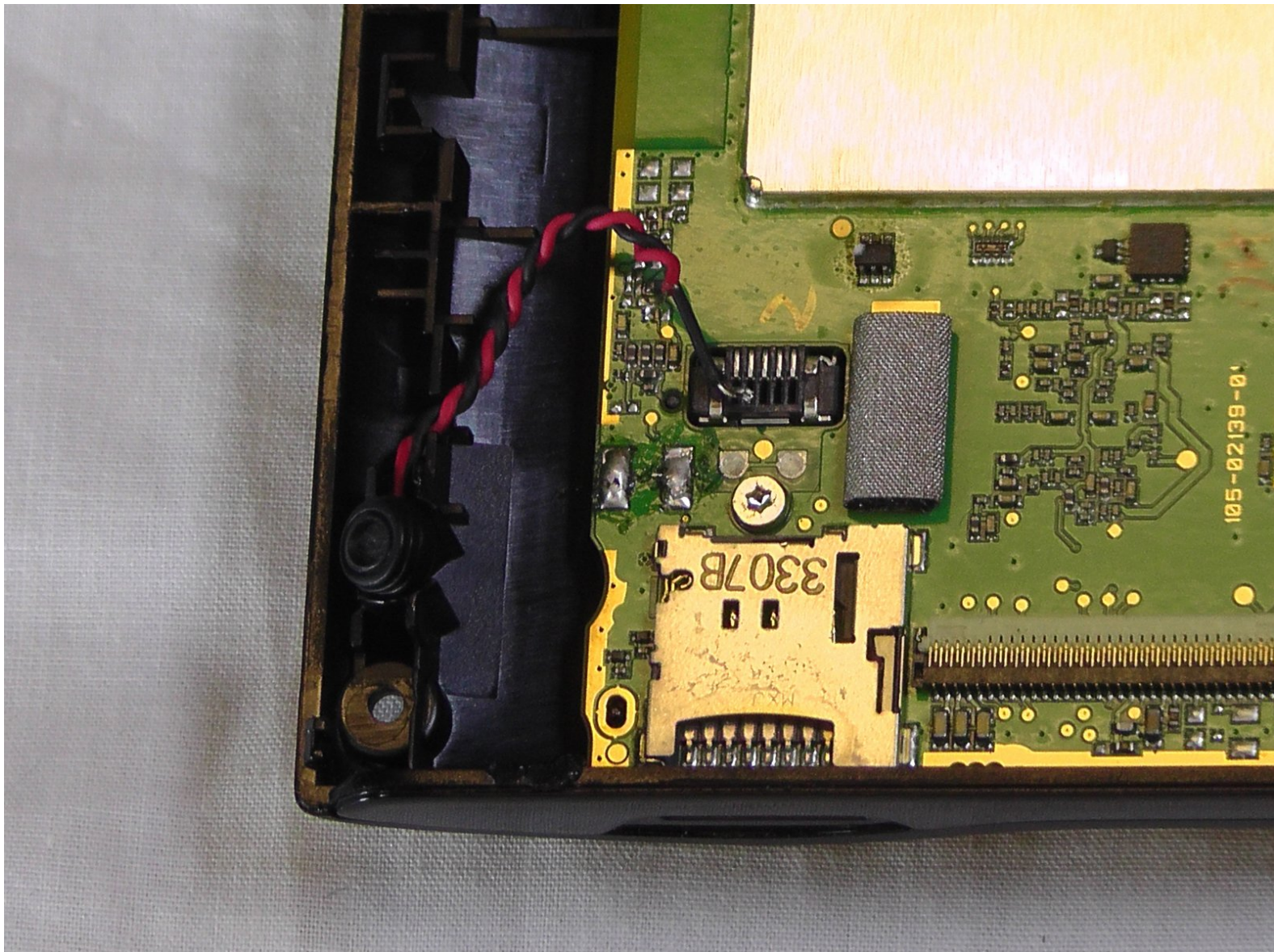




# Garmin Nuvi 2597LMT Microphone Replacement

Use this guide to replace the microphone within your Garmin Nuvi 2597LMT.

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## INTRODUCTION

This guide will walk you through the process of replacing a faulty or broken microphone in your Garmin Nuvi 2597LMT. You may need this guide to replace the microphone if microphone isn't registering any sound input from your voice, it registers partial or muffled input, or you know that it got damaged inside (possibly from water). Make sure you are very careful when working with your device; you don't want to break any of the fragile components inside or rip the ribbon cable connecting the two halves.

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### TOOLS:

- [T5 Torx Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Portable Soldering Iron](#) (1)
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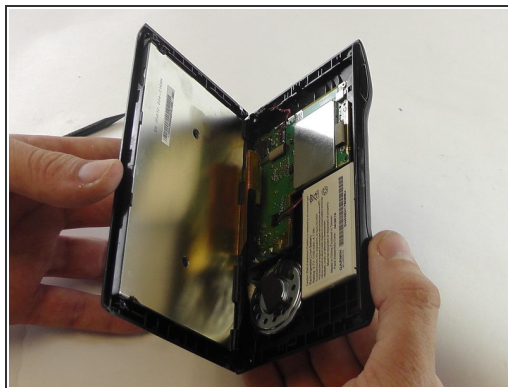


## Step 1 — Microphone



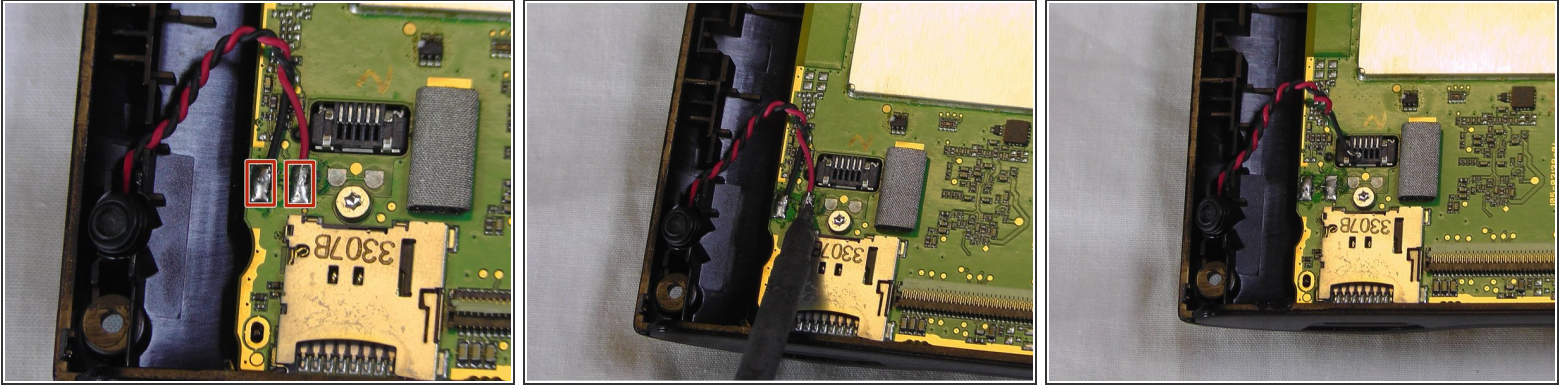
- Turn your device over so the back is revealed and you can see the screws in the four corners.
- Remove the four 3mm width by 6mm length T5 Torx screws using your screwdriver.

## Step 2



- Use the plastic opening tool to pry open the device at the seam where the two halves meet, prying all along all sides if need be.
- ⚠ Do it slowly so you don't accidentally rip the ribbon cable that connects the digitizer to the motherboard, as well as don't completely separate the halves as this can tear the ribbon cable.
- Open your device from the top, so that you don't disconnect the ribbon cable.

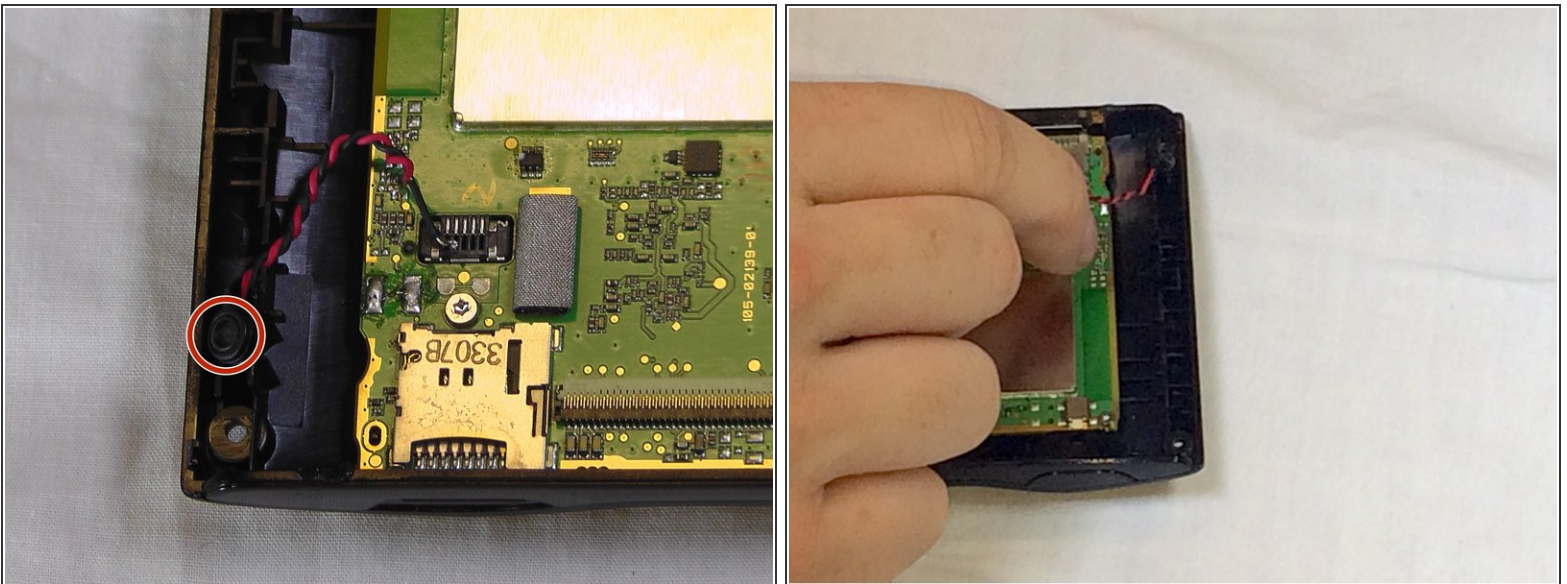
### Step 3



- Use your soldering iron to disconnect the wires from the motherboard. Disconnect the ground wire (the black one) and the positive wire (the red one).

⚠ The soldering iron is very hot and do not touch the wires to anything as it may stick to it when it cools.

### Step 4



- Use your hands to grab the wires, and gently pull the microphone up and out of the casing.

**i** After this step is complete, you can safely set the removed microphone aside.

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