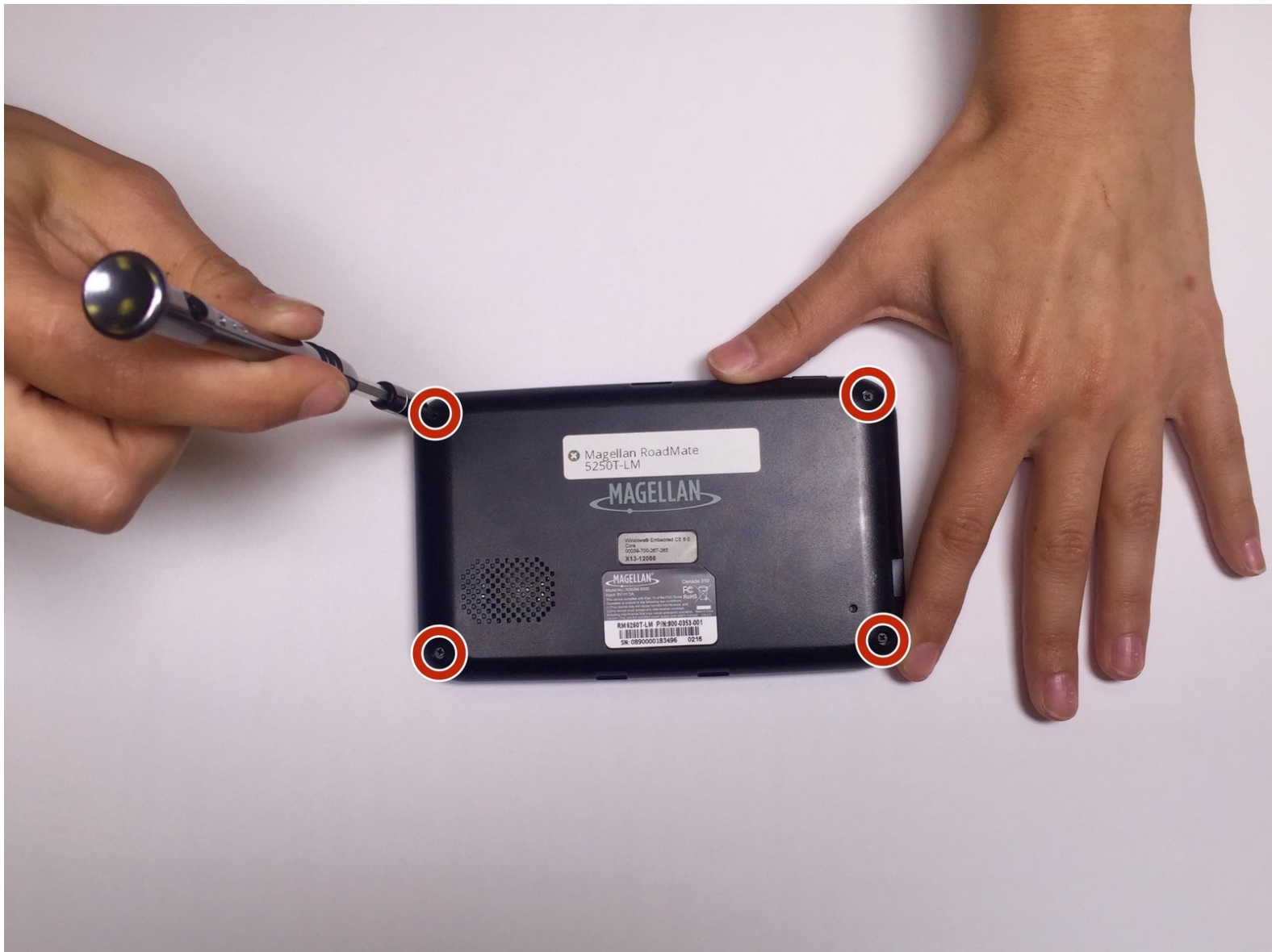




Magellan RoadMate 5250T-LM Motherboard Replacement

This guide will walk you step by step through the process of replacing the motherboard of your Magellan Roadmate 5250T-LM.

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INTRODUCTION

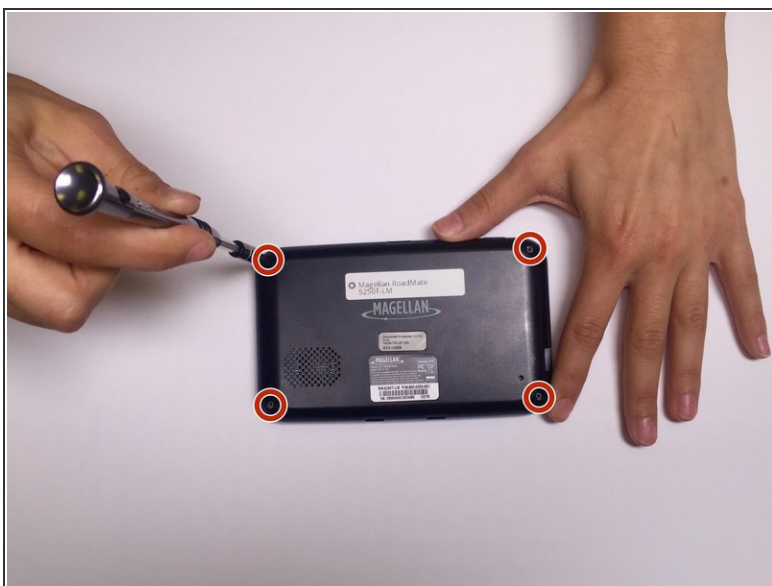
This guide will show you how to remove and replace the motherboard inside your Magellan Roadmate 5250T-LM. It would be helpful to know how to solder before attempting this replacement. To remove the motherboard you must desolder it from the battery and speakers. After this, you will need to solder your new motherboard back on to the battery and speakers.



TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [Spudger](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Motherboard



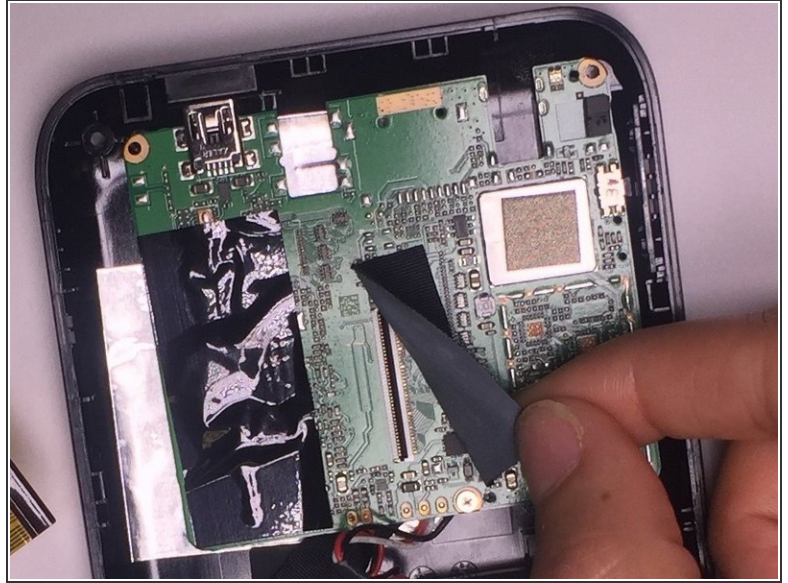
- Remove all four 5mm screws from the back of the device using a Phillips Head screwdriver size 000.

Step 2



- Open the casing of the device using a plastic spudger.

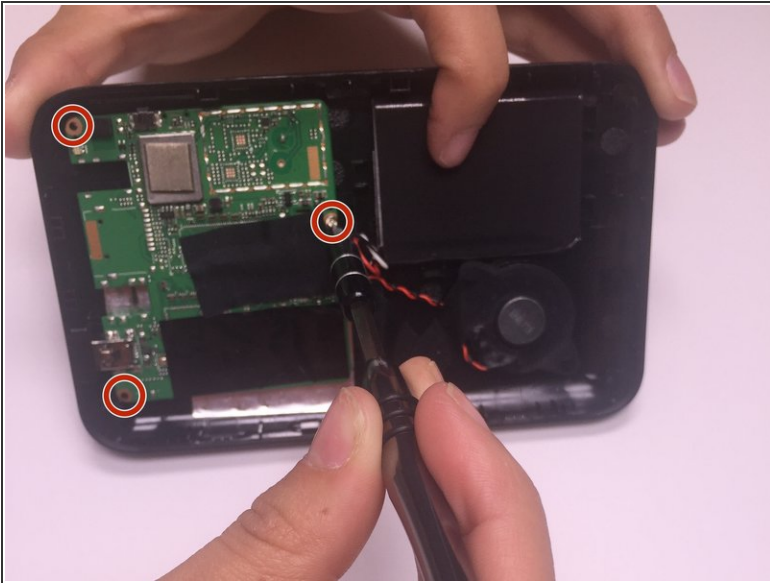
Step 3



- Remove the tape covering the display connector on top of the motherboard.
- Use a nylon spudger to flip up the black tab on the ZIF connector.
- Pull the ribbon cable out with tweezers.

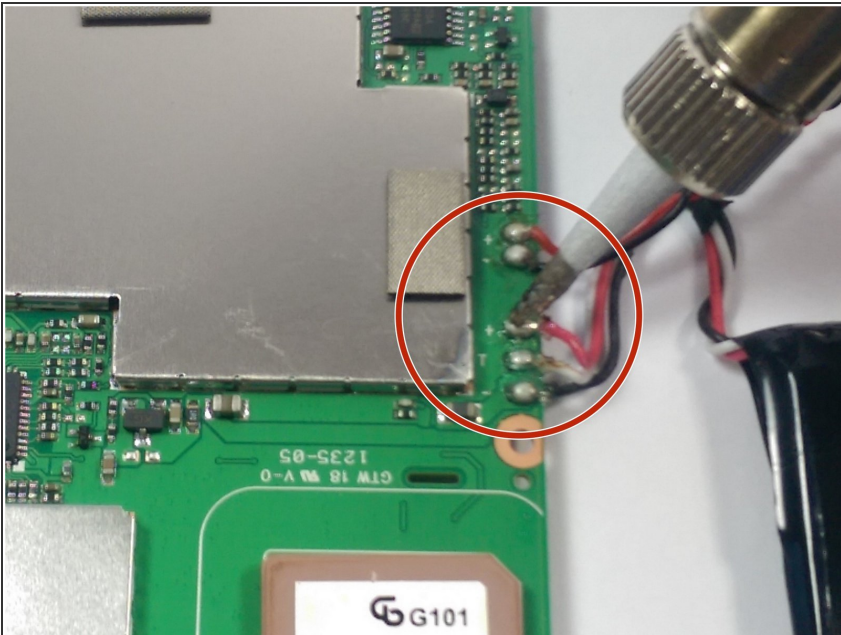
⚠ The ribbon cable may fall out once the tape is removed.

Step 4



- Remove the motherboard from the device by unscrewing all three 4mm screws that are connecting it to the casing with a Phillips Head screwdriver size 000.

Step 5



- Disconnect the original battery from the motherboard and the speaker by desoldering all five wires that attach them to the motherboard.
- ⓘ Click [here](#) to visit iFixit's guide on soldering.

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