



Motorola RIZR Z3 Motherboard Replacement

How to remove a faulty motherboard.

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INTRODUCTION

Guide to replacing your phone's motherboard.

TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T4 Torx Screwdriver](#) (1)
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Step 1 — Battery



- Press the panel release button on the top of the phone and simultaneously pull the rear panel away from the phone.

Step 2



- Tilt the battery by lifting at the exposed notch.
- Slide the battery out of its casing.

Step 3 — Motherboard



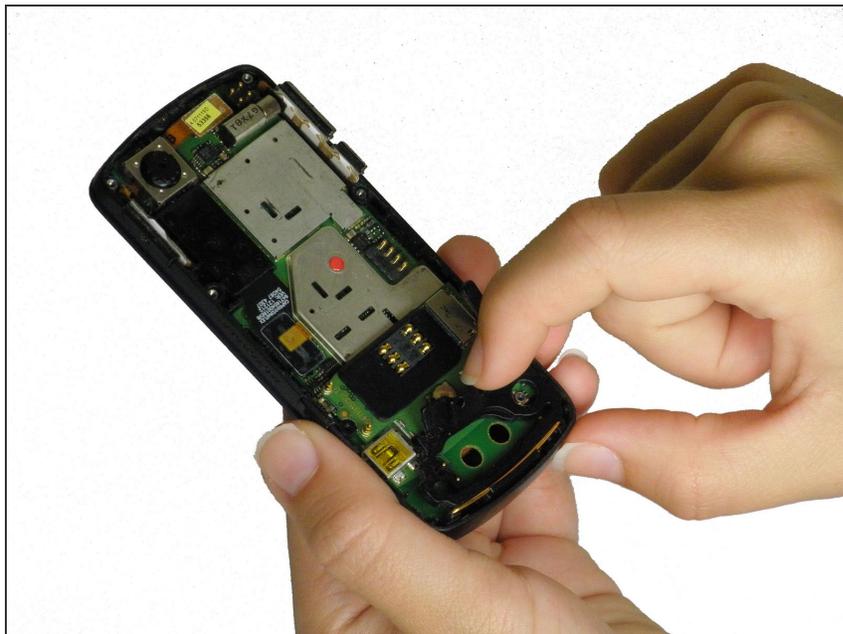
- Use a T4 screwdriver to unscrew all six of the .216 inch screws that attach the housing to the case.

Step 4



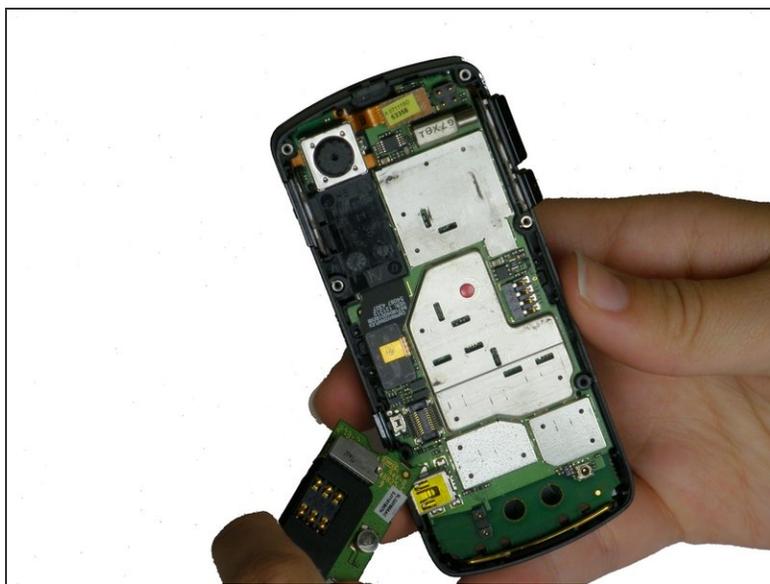
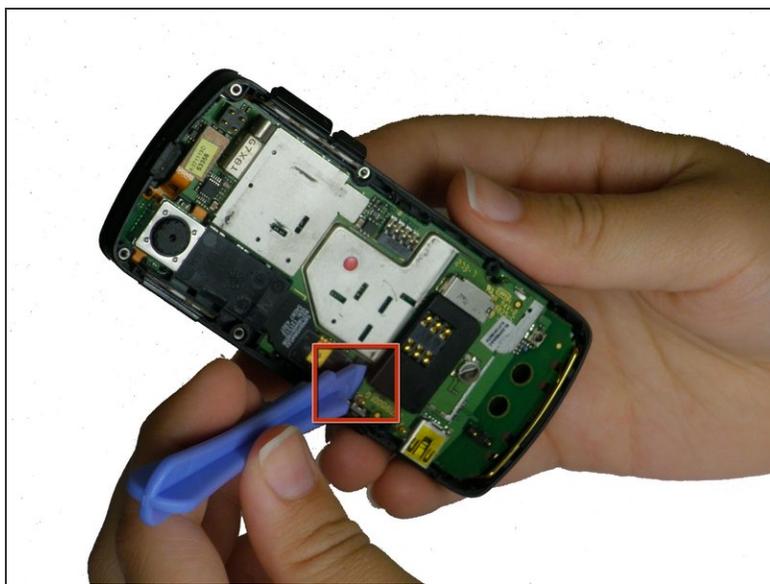
- Use a plastic opening tool to lift the plastic casing.
- Pull the plastic casing directly away from the phone.

Step 5



- Lift the black rubber loudspeaker housing up and out of the plastic casing.

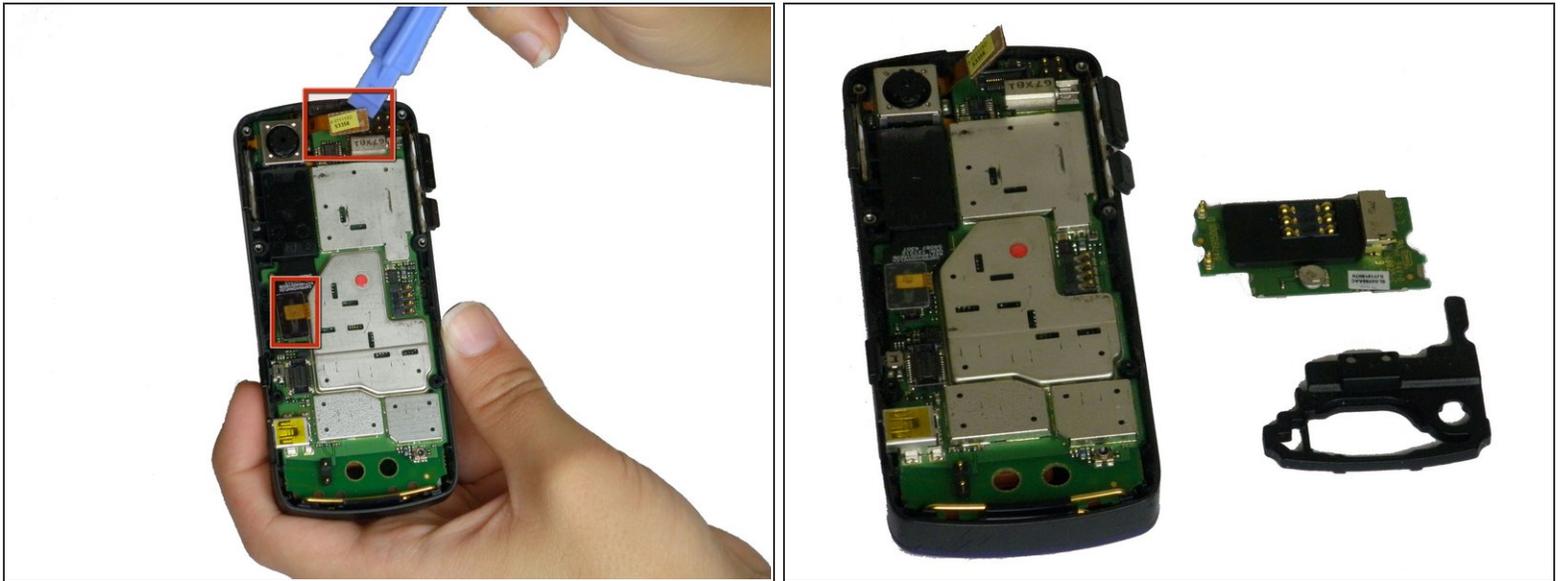
Step 6



- Use a plastic opening tool to gently lift up the SIM card reader, located above the rubber antenna casing. You should hear a click as it releases.

⚠ Caution: Remove carefully, if broken, the phone will not be able to make calls.

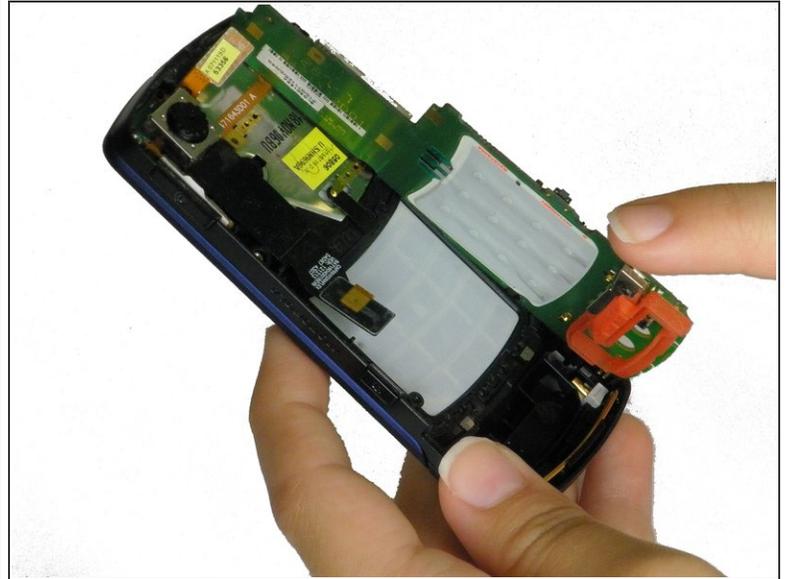
Step 7



- Use a plastic opening tool to pry the two ribbon cable connectors, unclipping them from their sockets on the motherboard.

⚠ Caution: Remove carefully, if broken, the phone will not function properly.

Step 8



- Use a plastic opening tool to gently pry the motherboard up until you can tilt it with your fingers. Unhook it from the casing and slowly pull it out.

 **Caution:** Do this gently. Unclipping too fast may cause damage to your phone.

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