How to Reset the Rockwheel Electric Unicycle Mainboard

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INTRODUCTION

When one lifts GR16 from the ground, or fell from it on a way that the tilt shout-off does not turn off the motor quick enough, the over drain/over-current can some of the battery cell render to cut-off mode, resulting that the main-board halts.
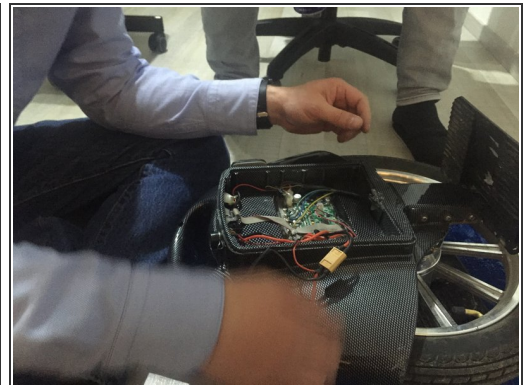
🔧 TOOLS:

- Essential Electronics Toolkit (1)

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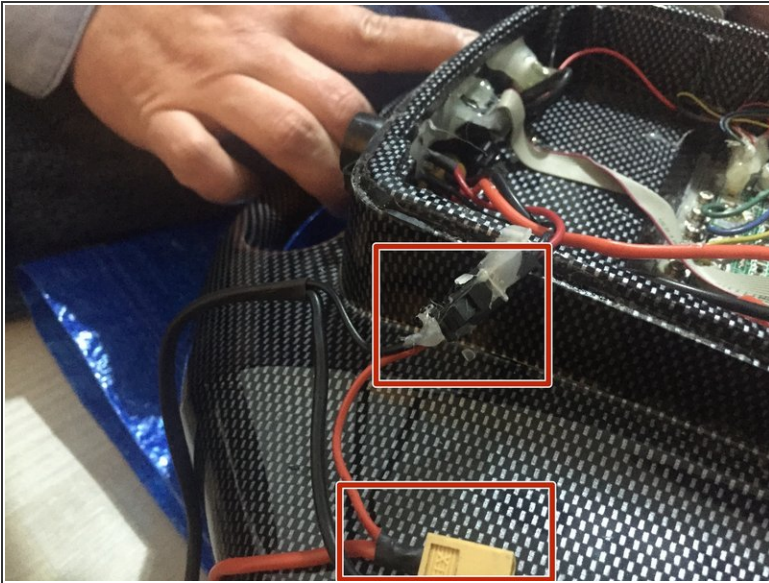
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Step 1 — Removing ruber cover

- It's glued to the chassis, but relatively easy to remove.

- remove 6-8 screws, nothing fancy

- New line.

- Lift plastic cover, expect no obstaces

Step 2 — Accessing battery packs

- Lift plastic cover to gain access to battery pack one. Disconnect the big yellowish connector.

- Disconnect the small black gauge connector form the battery pack

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Step 3 — Disconnect second battery pack

- The small black gauge connector is for charging the battery pack, the bigger yellow/orange is for discharging it.

- The second battery has the same connectors, one for charge one for discharge, the are squeezed into the gap under the top of the chassis. Disconnect them both.

- Once the batteries are fully disconnected, turn GR16 on, to discharge the on board capacitor fully.

- Then reconnect the second, and the first battery pack. Expect some sparks when the yellow connectors are connected. Don't forget to connect both battery packs.

- Turn on GR16 to check if it is working. Reassemble and fix the rubber cover with duck tapes :) or glue them on.

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