



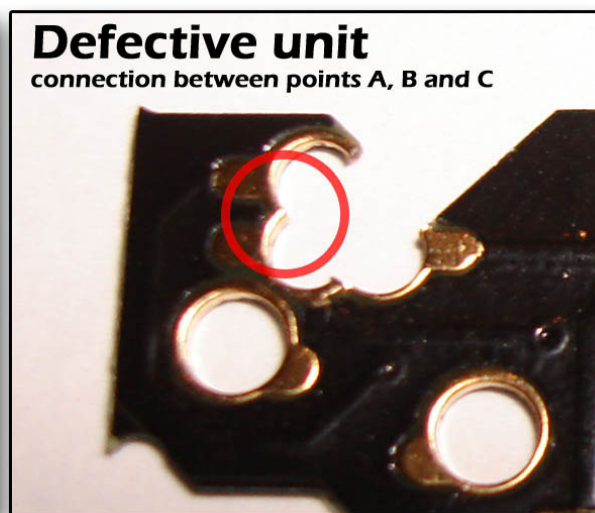
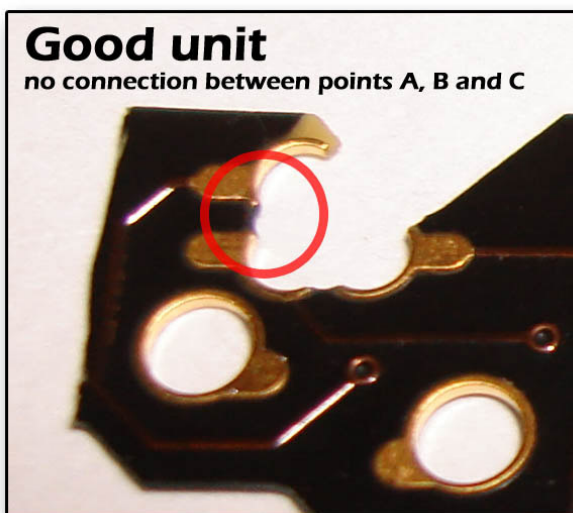
Fixing defective units tutorial

Introduction

It has come to our attention that a limited number of CycloWiz units from the latest batch have an issue which will disable functionality. Due to a problem at the PCB factory, the A, B and C points of the CycloWiz are connected together. Unfortunately, some of them were already shipped to customers.

Those who do not wish to wait for a replacement unit can try to fix the chip by themselves using this tutorial, should they so desire. Should you wish to try this method but are ultimately unsuccessful, we'll replace the chip even if it's damaged during the modification procedure.

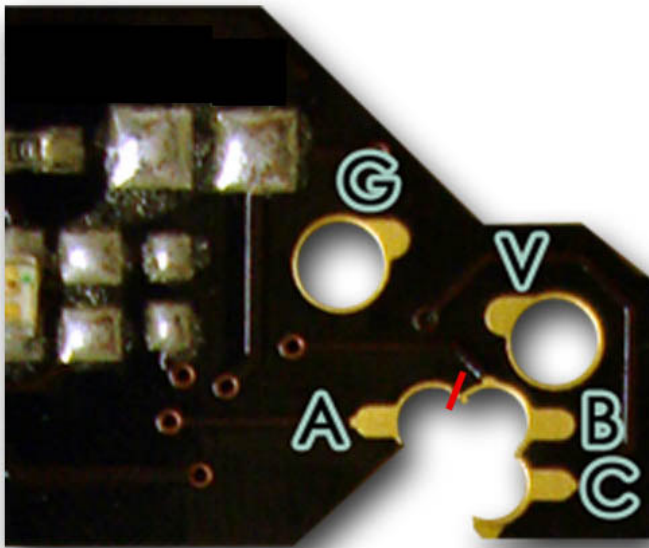
Do you have a defective unit ?



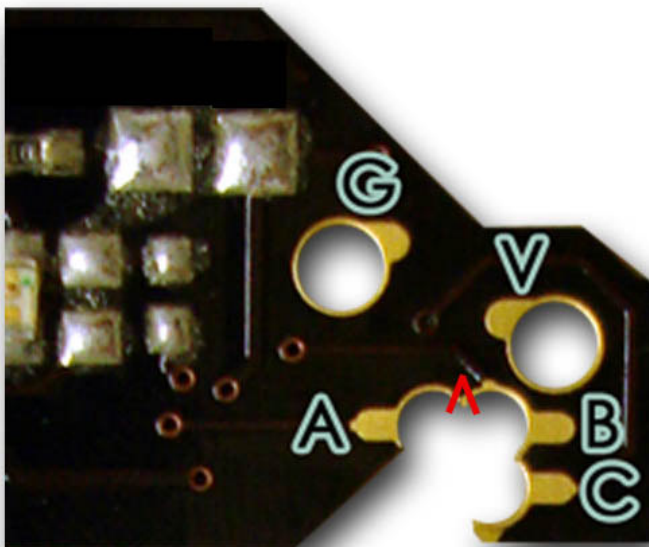
Method A

The goal is to remove contacts between points A, B and C. You need to use a cutter or a fine pair of scissors. It is suggested to “practice” incisions on the the upper edge of the circuit board before doing it on the real contacts.

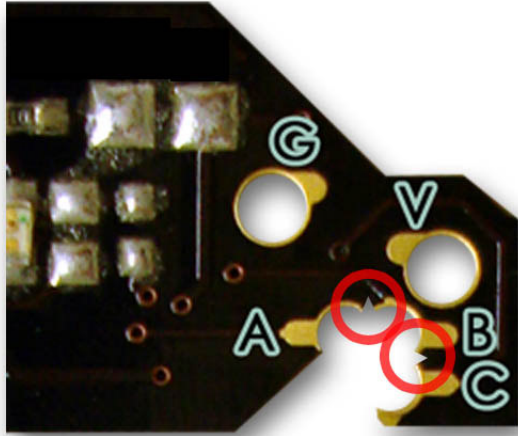
1. Carefully make a first incision between point A and B



2. Make a second incision between point A and B

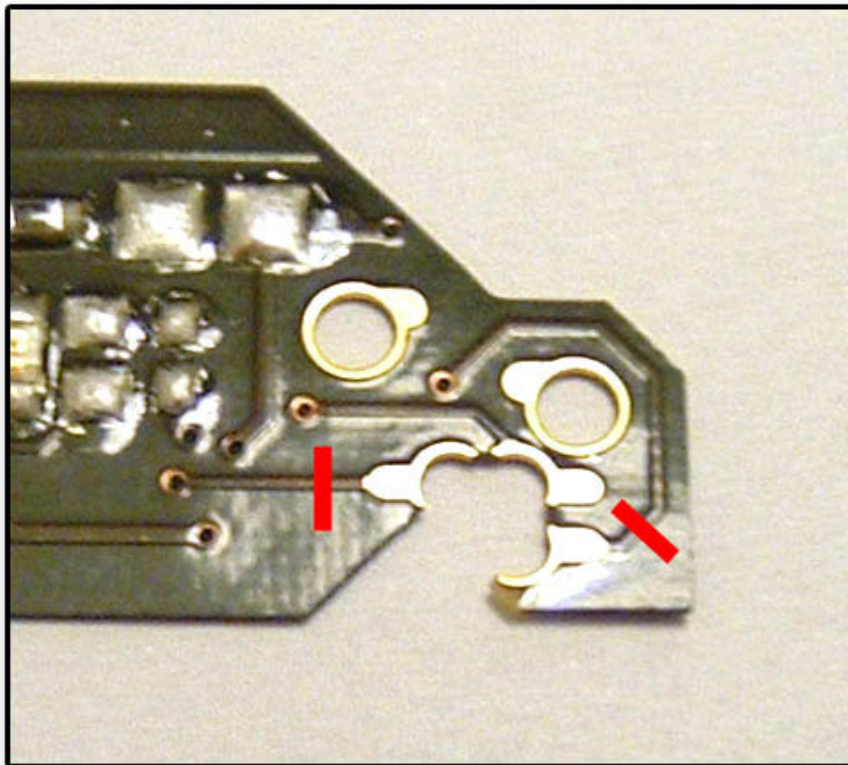


3. Repeat the same operation between points B and C
4. Verify that there is no electrical contacts left between A, B and C.

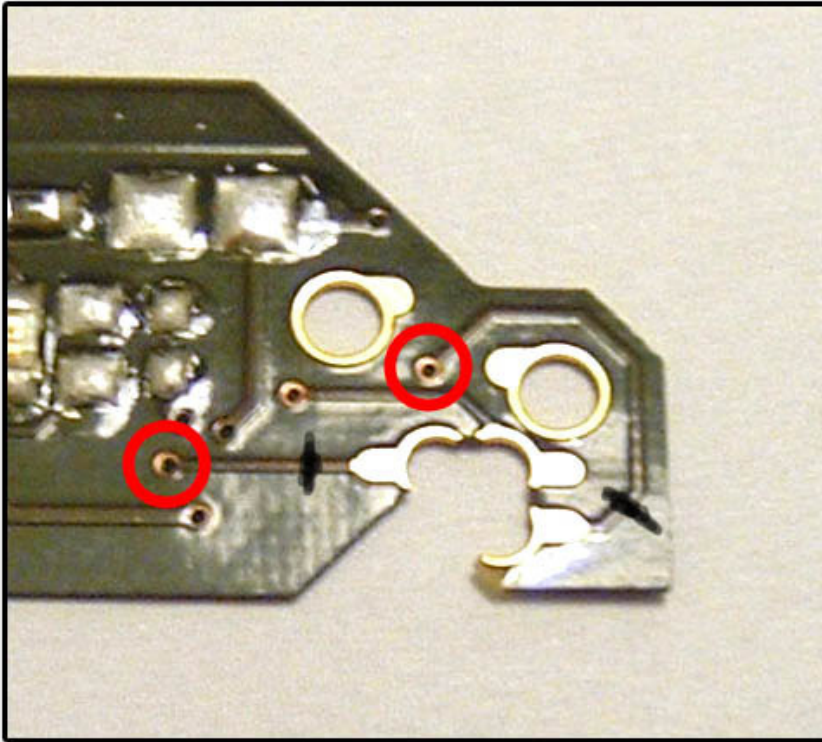


Method B

1. Use a cutter to carefully cut the A and C traces, as shown in red



2. Scratch the two vias shown in red to remove soldermask



3. Connect wires from the exposed vias to the drive's A and C points. Point B can be connected as usual.

