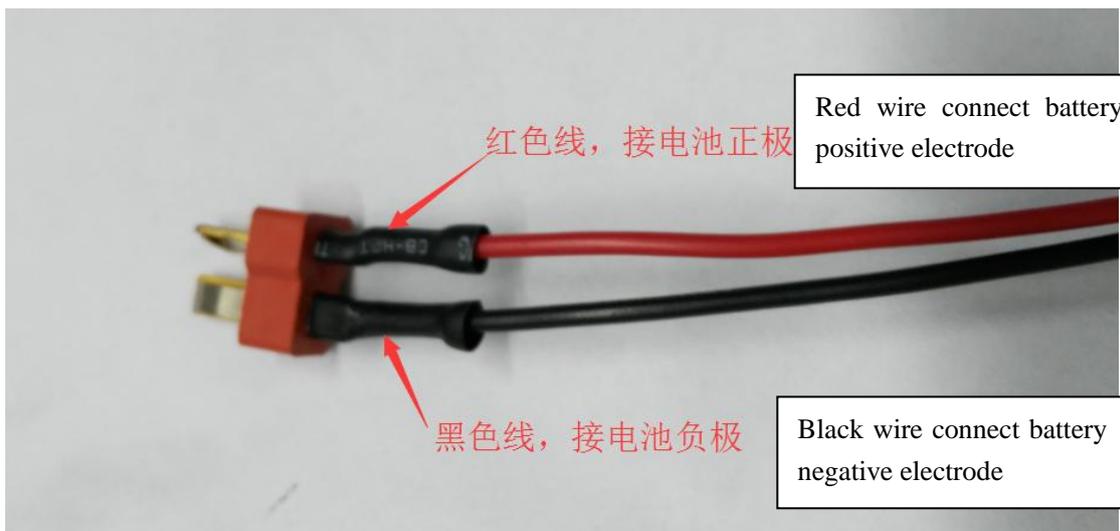
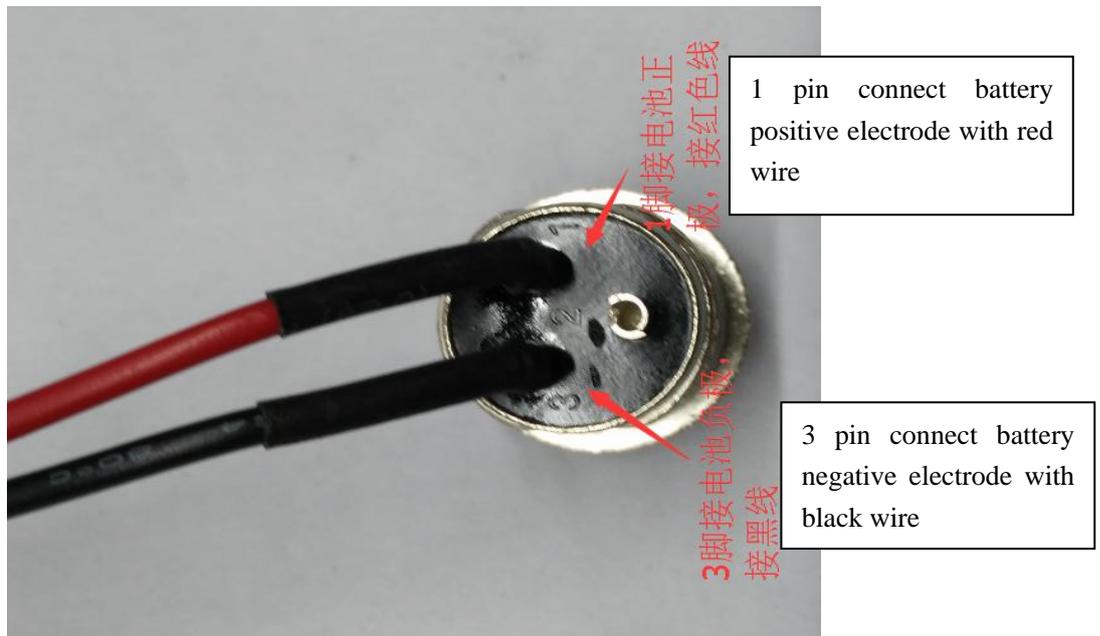


电池检修方法

Battery Maintenance Methods

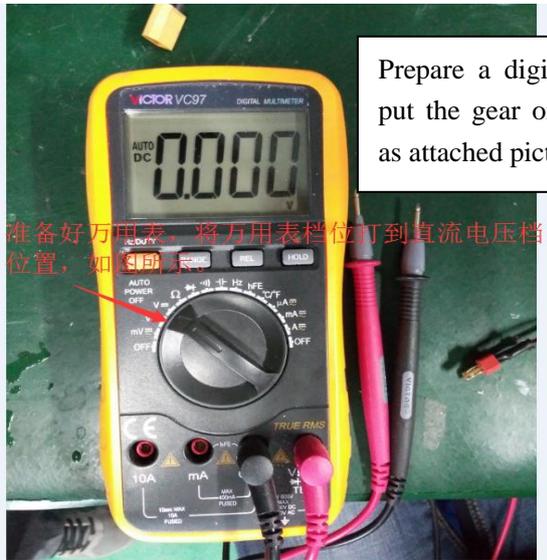
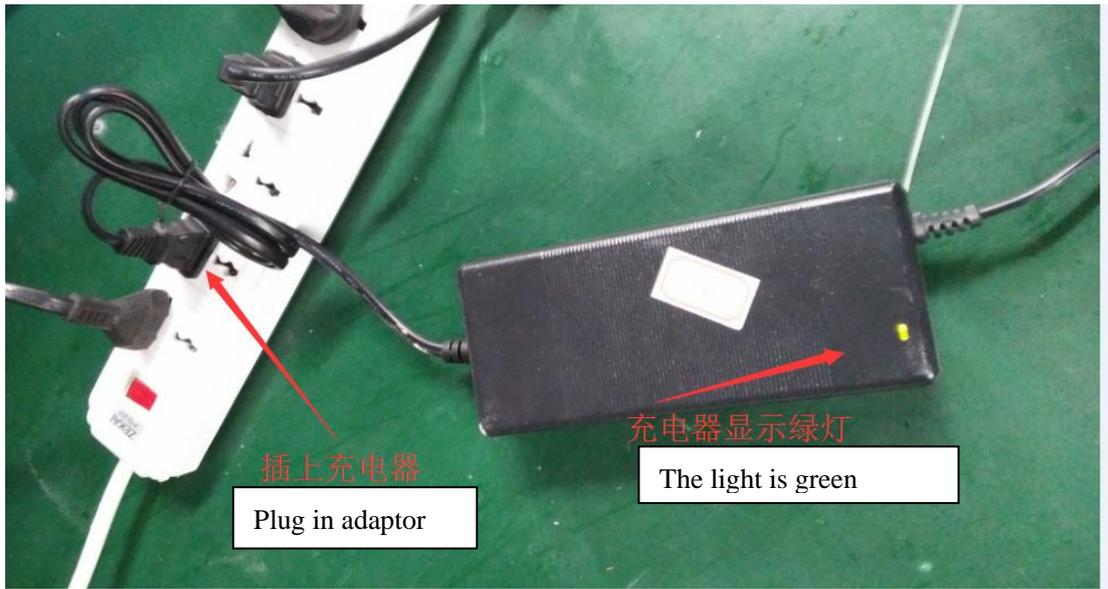
一、充电头的检修 Charger Port overhaul

1.1 充电头接线示意图 Charger Port wiring diagram



1.2 给充电器上电，然后插到充电头上面，用万用表测量电压。

Plug in charger for charging to recharge the unicycle charger port , test the voltage by Digital Multimeter .



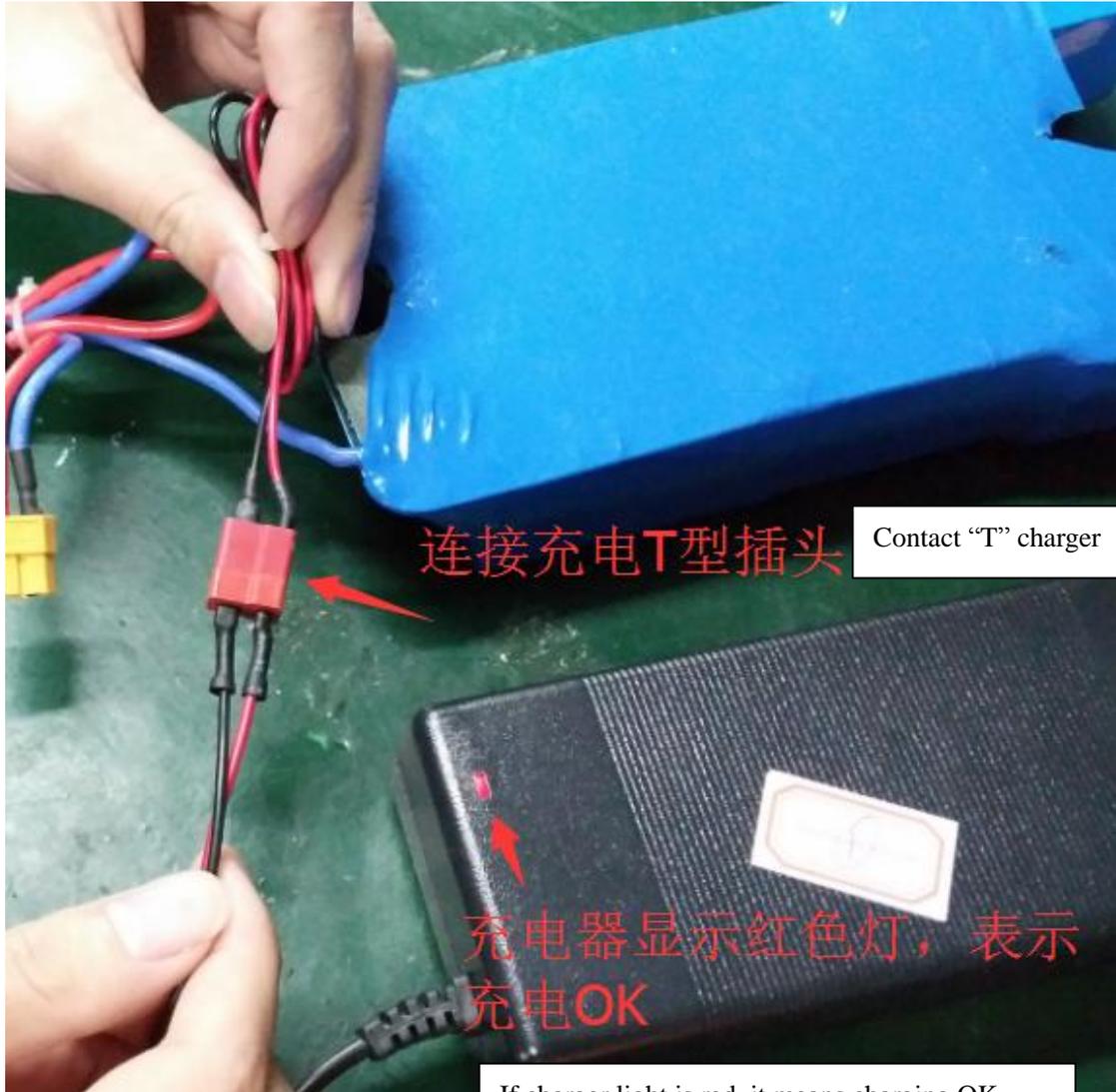
If the voltage showed “67V”, it means there is no problem of charging wire.



二、电池充电检测 Battery Charging Test

1.1 用万用表测量电池的输出端电压是否小于 66.6V, 如果大于 66.6V 表示电池已经充满电, 插上充电器就不会显示红色灯, 如果小于 66.6V, 则用以下方法测试电池是否可以充电。按图连接充电线插头, 查看充电器的充电指示灯是否为红色, 如果为红色表示正在充电, 电池充电功能 OK。如果电池输出电压测量小于 66.6V, 连接好充电头, 如果充电器显示为绿色灯, 表示电池有问题, 则需要维修。

Measured with a Multimeter to check the output voltage whether it is less than 66.6V. If it is more than 66.6V, it means charged full and the charger indicator light won't turn to red ; if it is less than 66.6V, please check the battery can be charged or not as follows. As shown, connect the charger port, check the charger indicator light is red or not, if it is red, it means it is in charging and battery is OK. If battery output voltage is less than 66.6V, after connected the charger port, but indicator light is green, it means battery problem and need to repair.



连接充电T型插头

Contact "T" charger

充电器显示红色灯，表示
充电OK

If charger light is red, it means charging OK.



If battery charging port is yellow, pls test it as follows. Notice: red wire connect red wire, black one connect black wire.

如果电池充电端为黄色插头，则用图示方法充电测试，注意：红色对红线，黑线对黑线。

充电器充电指示灯为红色

The charger indicator light is red

三、电池检修方法 Repairing Methods

3.1 将充电不 OK 的电池 PVC 热缩套管拆开

Tear down PVC heat-shrinkable T bush of the battery which is not OK for charging.



3.2 用万用表测量每一节电池的电压，如下图

Check the voltage of each battery by Multimeter as follows:

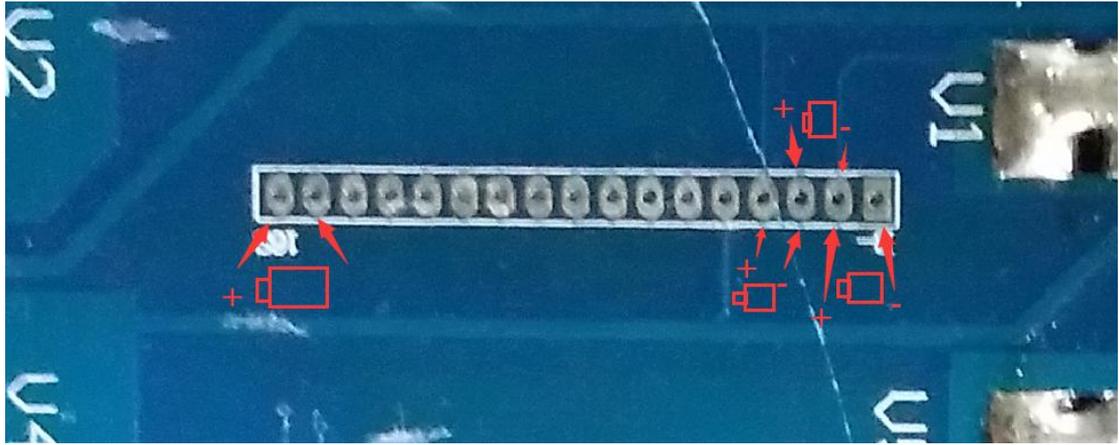
用表笔测量每个相邻的点,测量电压误差不得大于 0.1V,如果测量中发现电池电压明显比其他电池要低或者高,说明相对应的电池有问题.

When you test each two adjacent points for voltage, the date error limit can't be larger than 0.1V, if one data is obviously lower or higher than other battery data, it means there is some problem of battery correspondingly.



3.3 接触焊盘排列方法

Touch the welding plate method as below picture showed.



2015年12月21日 工程部