Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

切诺基初级套件
Cherokey 4WD Basic Kit

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安装手册
Instruction Manual
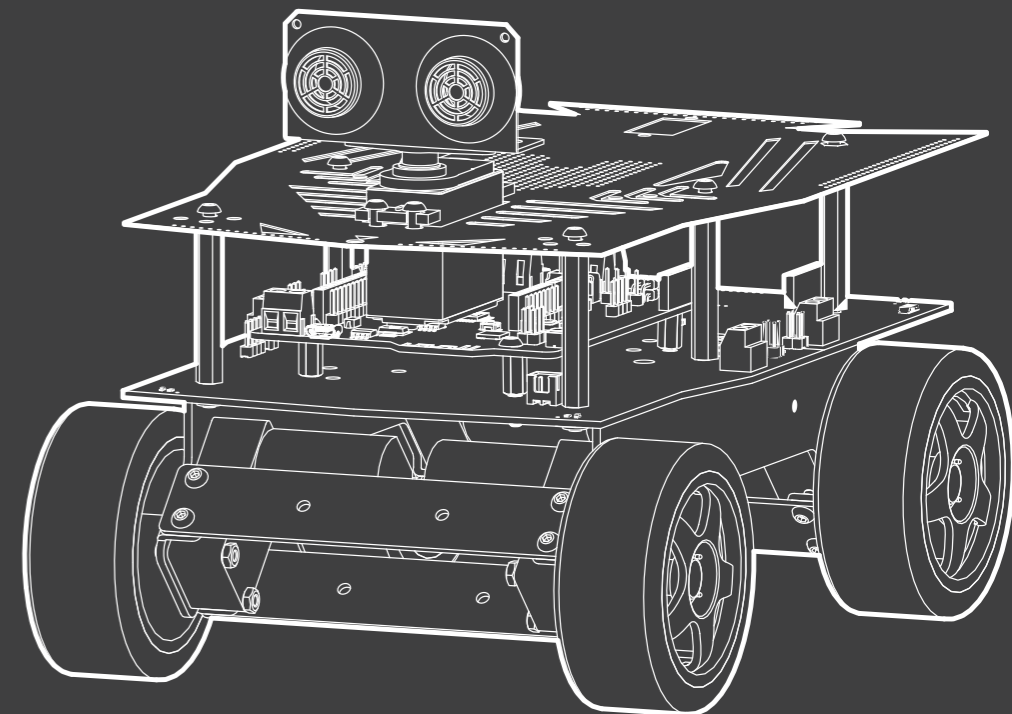
DFROBOT
DRIVE THE FUTURE

零件清单
Parts List

零件清单
Parts List

零件清单
Parts List

x1

x1

x4

x4

x1

x1

x1

x1

x4

x4

x1

A1 x8
M2.5x25mm
十字圆头螺钉
Phillips Pan Head Machine Screw

A2 x8
M2.5
平垫圈
Flat Washer

A3 x8
M2.5
弹簧垫圈
Split Lock Washer

A4 x8
M2.5
六角螺母
Hex Nut

B1 x 29
M3x6mm
十字平头螺钉
Phillips Pan Head Machine Screw

B2 x9
M3
螺母
Nut

C1 x3
M3x10mm
尼龙柱
Nylon PCB Standoff

C2 x6
M3x20mm
尼龙柱
Nylon PCB Standoff

C3 x6
M3x30mm
尼龙柱
Nylon PCB Standoff

C4 x2
M3x8m
十字平头螺钉
Phillips Flat Head Machine Screw

D1 x1
电池盒
Battery Box

D2 x1
电源线
Power Cable

D3 x1
电机线
Motor Cable

0 1 2 3 4
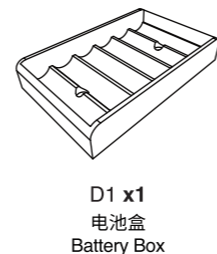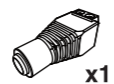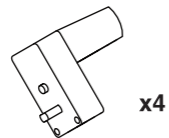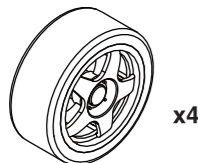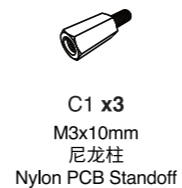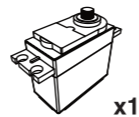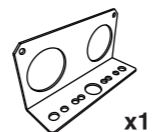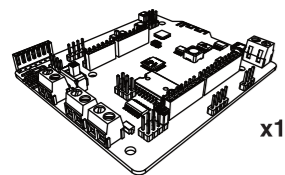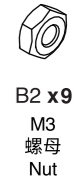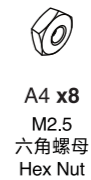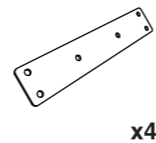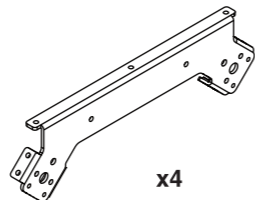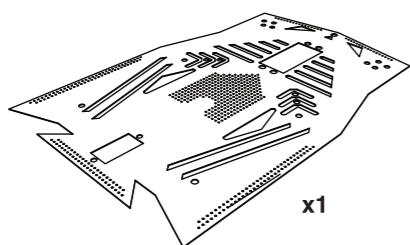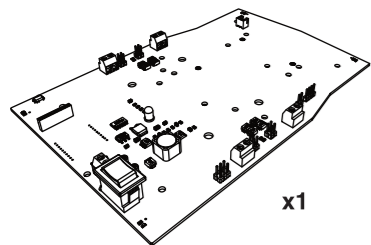
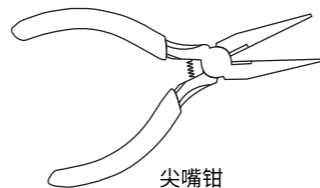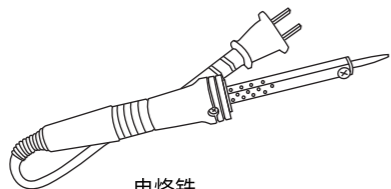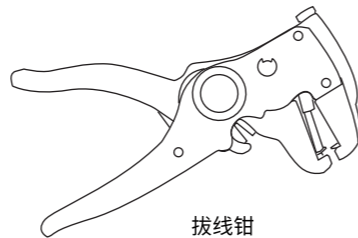**主要工具**
Essential Tools
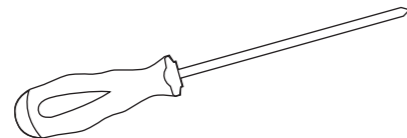
十字螺丝刀
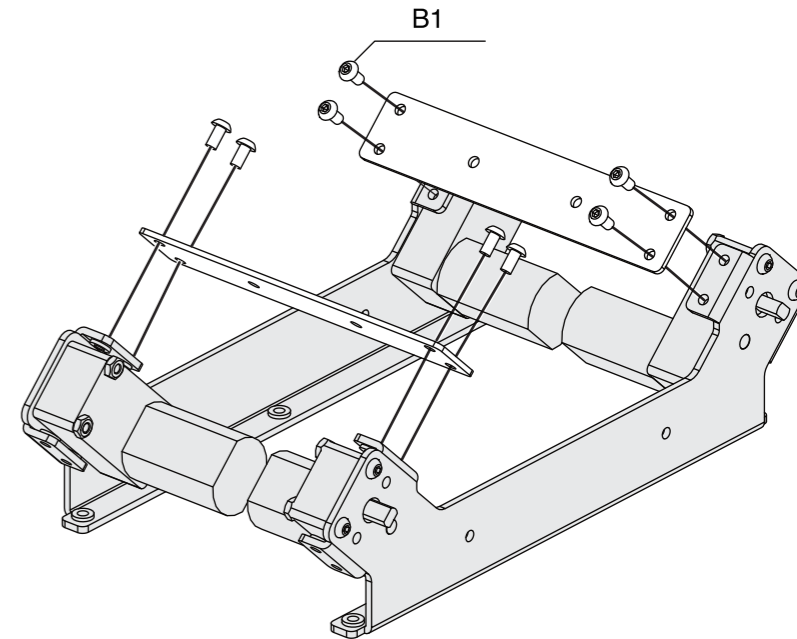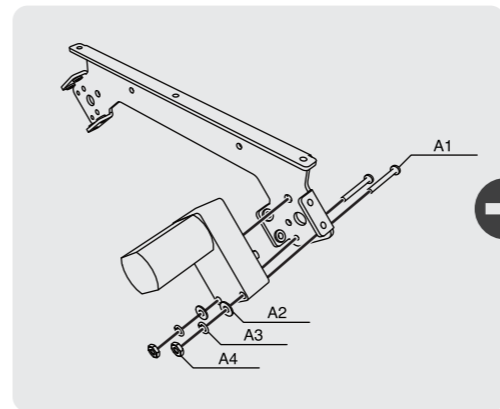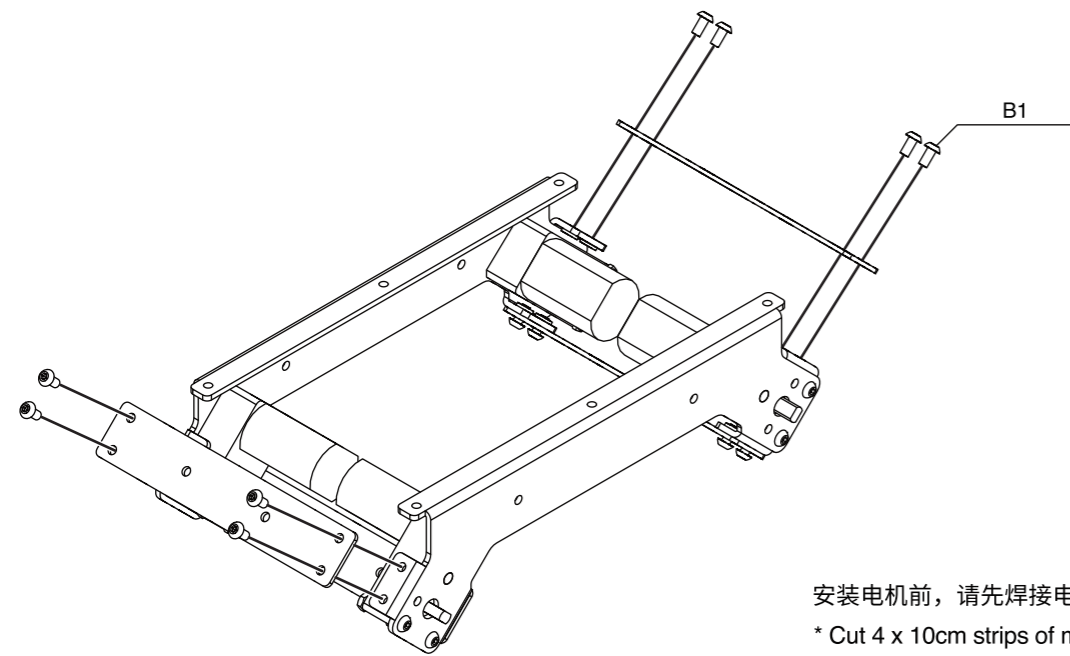Phillips Screwdriver

尖嘴钳
Long-Nosed Pliers
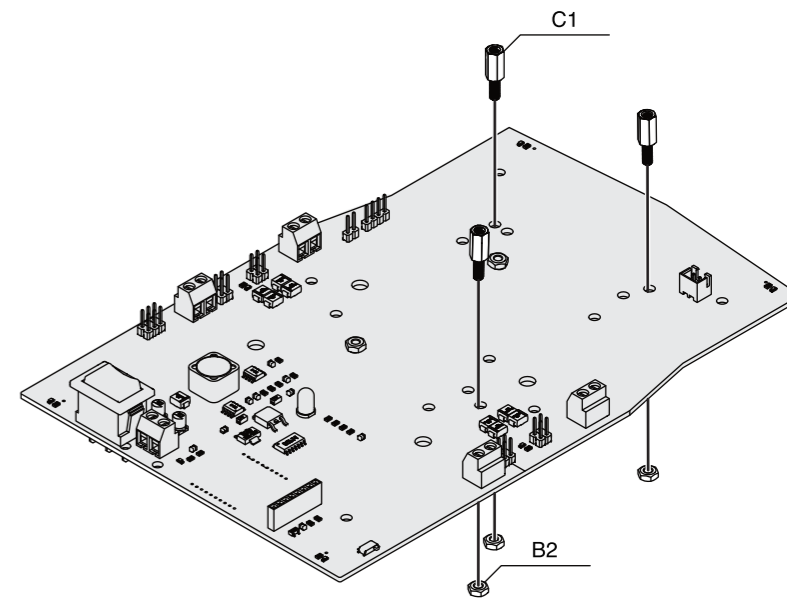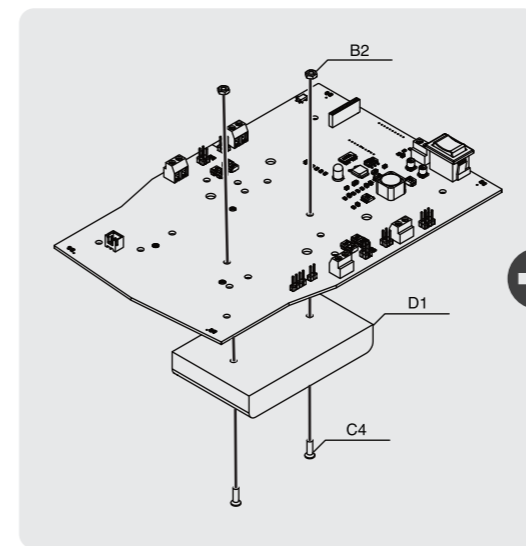
可选工具
Optional Tools

电烙铁
Soldering Iron

拔线钳
Wire Strippers

备注：本套件不包含工具和电池。

Note: Tools and Batteries not included.

B1

A1

A2

A3

A4

B1

安装电机前，请先焊接电机线。

* Cut 4 x 10cm strips of motor wire
* Solder wires to motor terminals
* Install motors

C1

B2

D1

C4

B2

C2

C3

B1

本说明书以Romeo BLE主控器为例，提供电子部分参考连接方式。
The circuit diagram provided in this instruction sheet is based on the Romeo BLE micro controller.
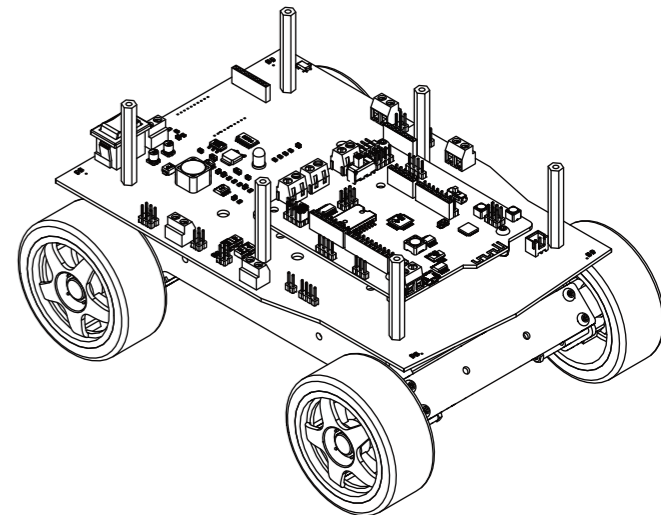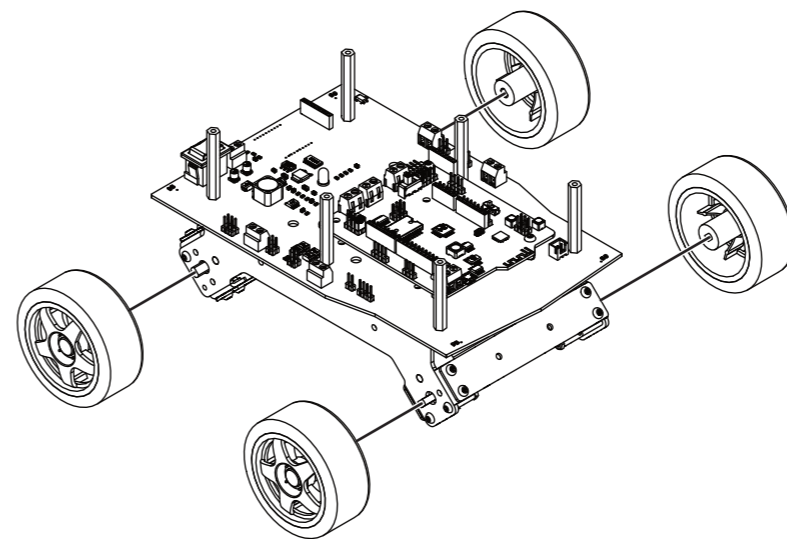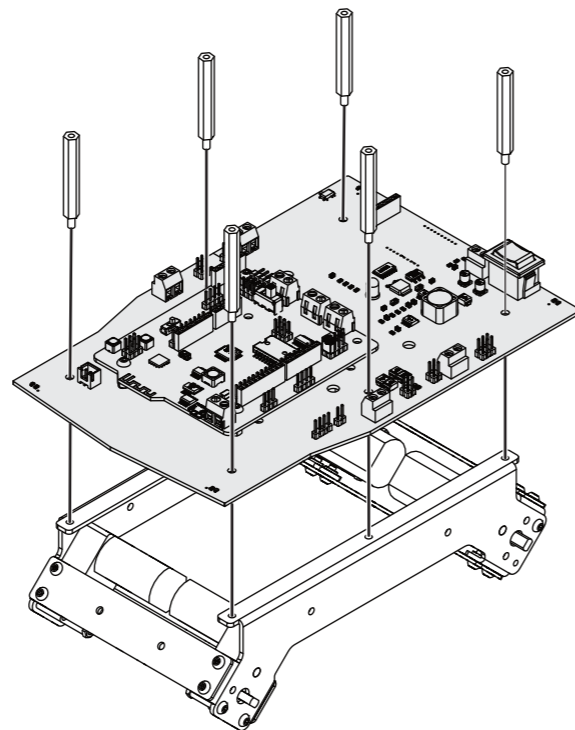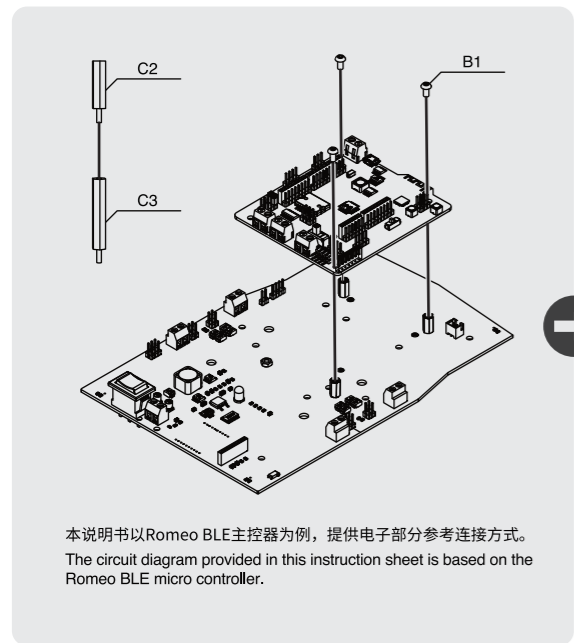
为了便于后续安装，请将电机线穿过扩展板通孔。
Lead motor power cables through holes to keep it neat and tidy.

Servo & Sensor Installation
舵机和传感器的安装操作

B2

B1

Use self-tapping screws included in the servo packaging.
请使用舵机配件中的自攻螺丝。

5mm Self Tapping Screw
5mm自攻螺钉

15mm Phillips Self Tapping Screw
15mm十字自攻螺钉

Connections
电路连接图
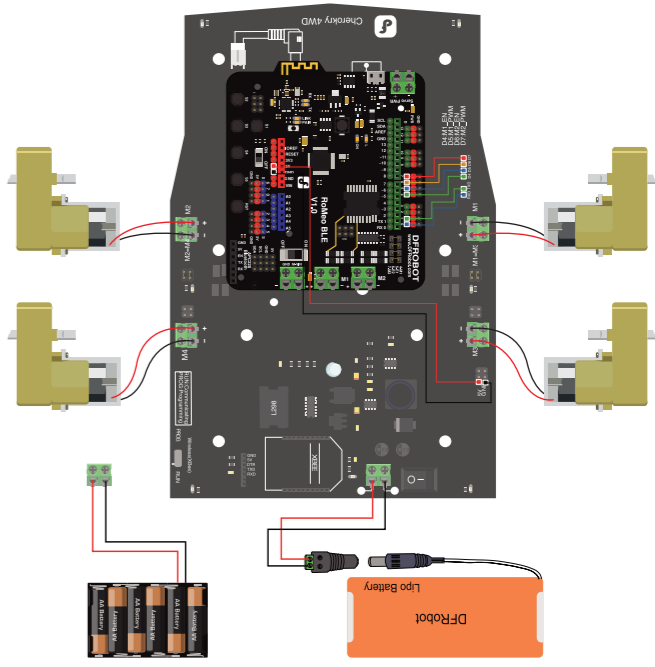
电源连接说明书将提供两种供电方案：
There are two options to power your device:

(1) 电池盒供电方案A
(1) Option A: Battery holder power supply.

(2) 7.4V充电电池供电方案B
(2) Option B: Rechargeable battery power supply

7.4V充电电池可为DFRobot供电，用户可按需求自行选择。
7.4V LiPo batteries are available at the DFRobot online store.
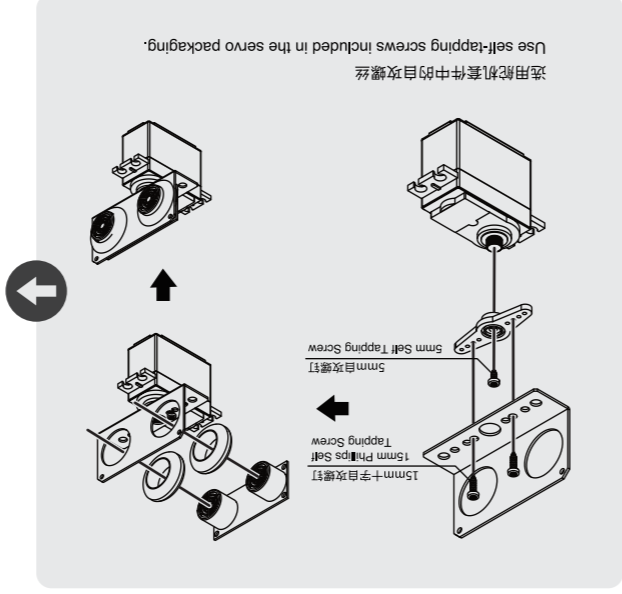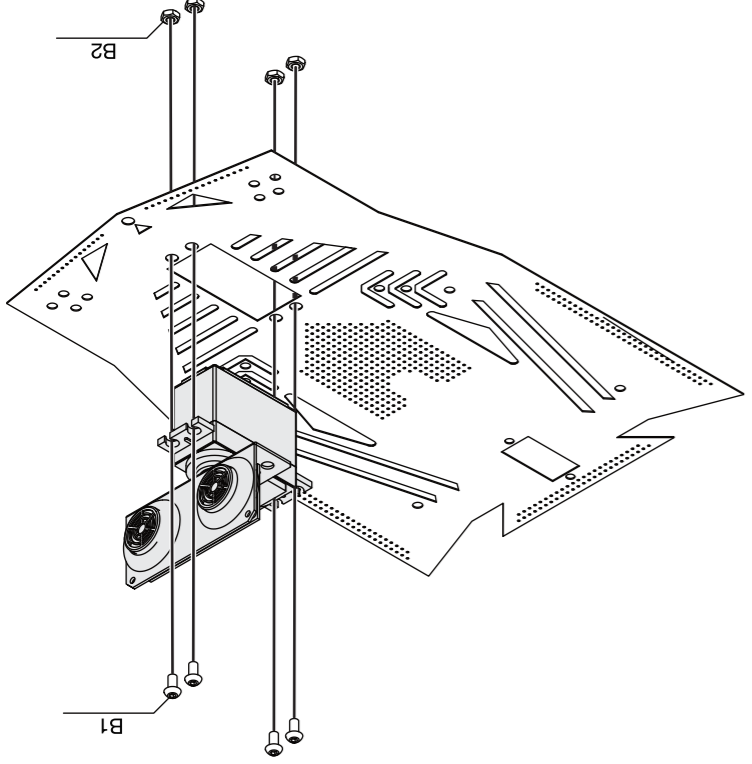
如果了解更多相关信息，可进入DFRobot Wiki浏览查看更多教程。
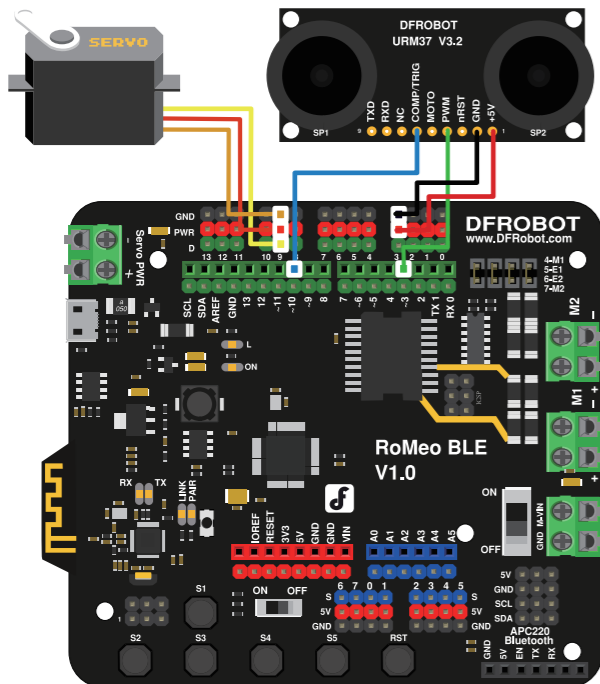http://wiki.dfrobot.com.cn/

ROB0117

Refer to tutorials on DFRobot Wiki page for trouble shooting
https://www.dfrobot.com/wiki

ROB0117

DFRobot

Lipo Battery

Cherry 4WD

V1.0 Mini BLE

DFROBOT

电路连接图
Servo / Sensor Connections

在搭建好舵机与超声波传感器的电路后，请先对两者进行调校。
详情见产品Wiki (可扫描二维码)： Step4 调试超声波和舵机

Calibrate servo and ultrasonic sensor circuit before installing in to chassis.

Read content " Step 4: Servo and Ultrasonic Sensor Calibration" on its Wiki page (QR code available) for more details.