

Package list:

Component list

| Name (quantity) | Photo | Name (quantity) | Photo |
|--------------------|---|--------------------------|---|
| Upper Case (1) |  | Bottom Case (1) |  |
| Side panel (2) |  | Front and back panel (2) |  |
| Switch (1) |  | Power socket (1) |  |
| DC Motor (4) |  | Battery holder(1) |  |
| Wheel (4) |  | Motor driver (1) |  |
| Arduino Main board | | Arduino sensor board | |
| Ultrasonic Sensor |  | MINI USB |  |
| A set of LC-1000U |  | | |

Link pieces list

| Number | Name | Photo | PCS |
|--------|--------------------|--|-----|
| 1 | screw |  | 25 |
| 2 | screw |  | 8 |
| 3 | White plastic stud |  | 8 |
| 4 | Hexagon nut |  | 25 |
| 5 | Elastomeric gasket |  | 1 |
| 6 | Lock washer |  | 1 |
| 7 | Elastomeric gasket |  | 1 |
| 8 | Hexagon nut |  | 1 |
| 9 | Hexagon nut |  | 1 |
| 10 | Heat shrink tubing |  | 1 |
| 11 | wire |  | 7 |
| 12 | Cable Ties |  | 4 |

Tool suing:

1. Phillips screwdriver (2mm and 4mm)
2. needle-nose pliers

http://www.ebay.com/itm/Tool-desktop-needle-nose-pliers-Long-sharp-5-inch-125mm-comfortable-handle-/321177713385?pt=Pliers&hash=item4ac7aefae9#ht_1608wt_985



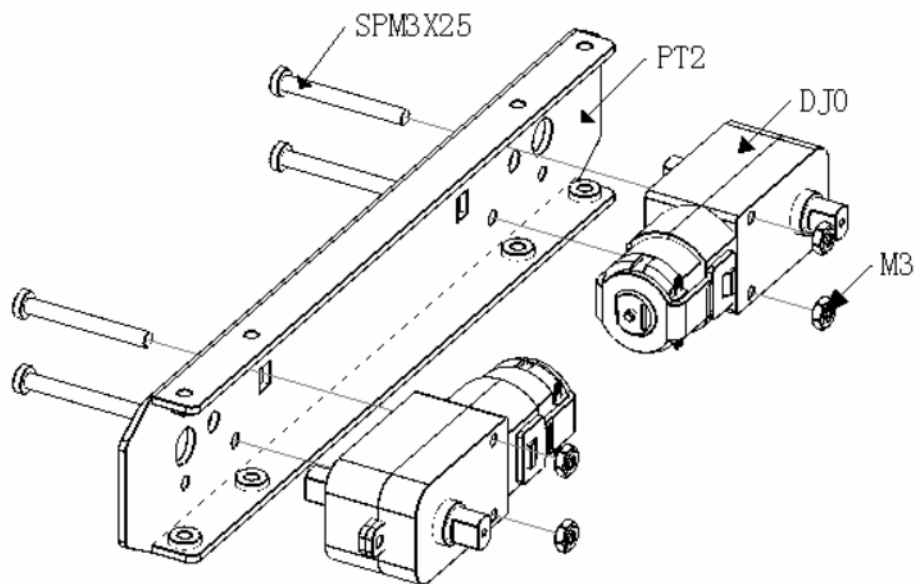
Assembly steps

Attention

1. Read the steps bellow and pay attention to the erection sequence, any questions please refer to the installation diagram.
2. Pay attention to the red words, and avoid installation errors cause repeated removed.

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3. Be careful of the utilities and pay attention to the battery polarity.
 4. Keep the battery dry, remove the battery when not in use for a long time.
 5. Keep the children away from the aluminum alloy parts. And assembly should be away from children to avoid the damage to children.

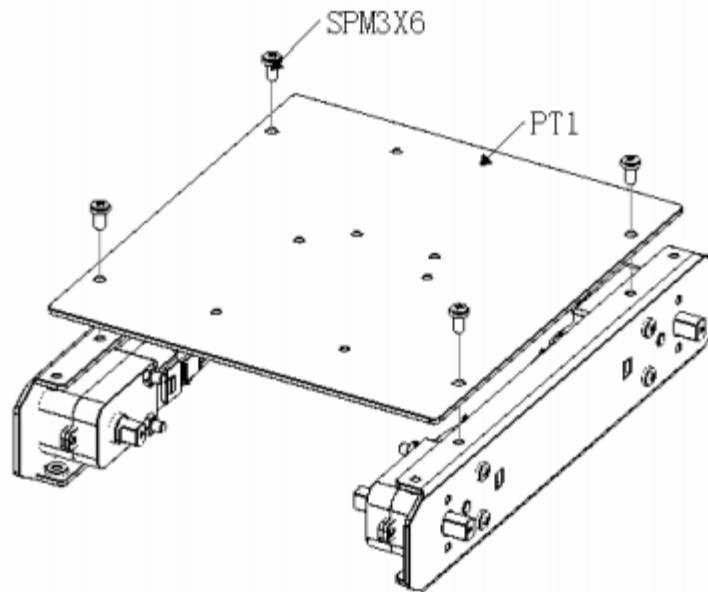
Step1 DC motor installation



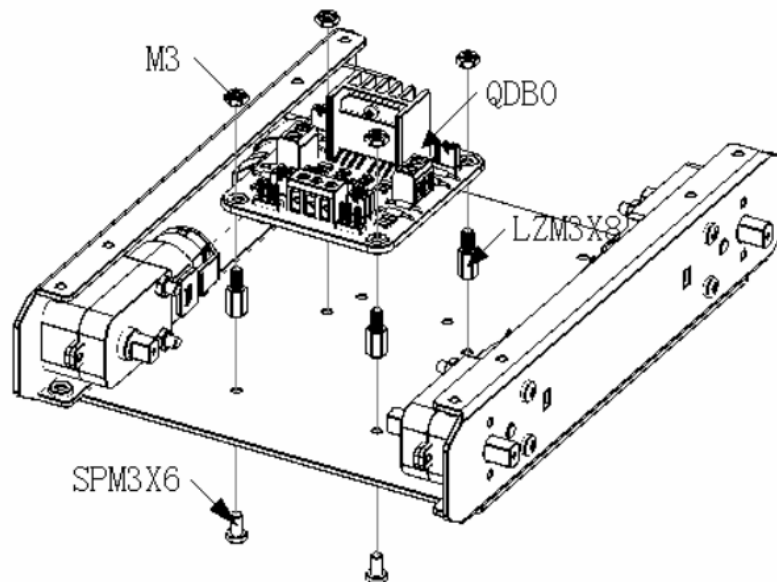
Install the same on both sides of the motor.

Note: before installing the motor wiring, please use the electric soldering iron to weld it, and then put on a heat shrinkable plastic tube.

Step 2 Side panel and bottom case mounting

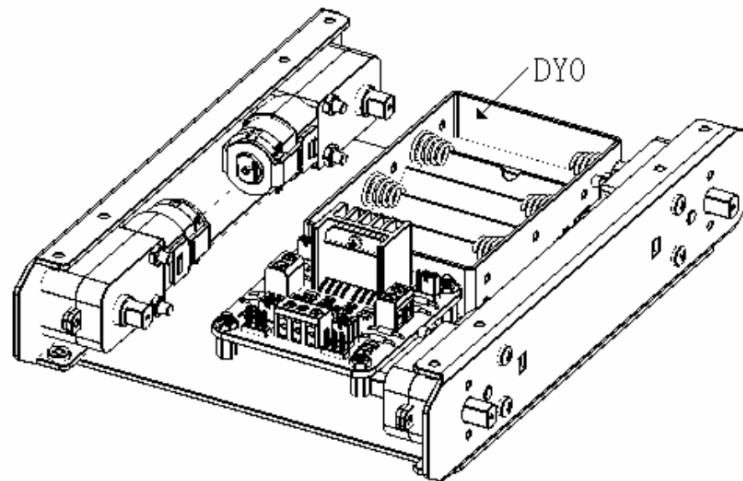


Step2.1 Drive plate mounting

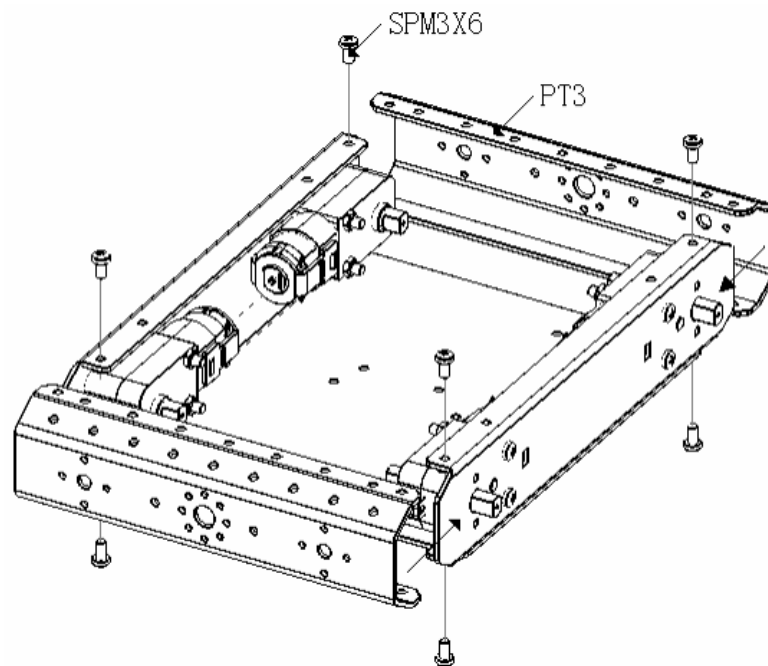


Random drive plate mounting direction, but please pay attention to the direction of the ipsilateral motor terminal sequence.

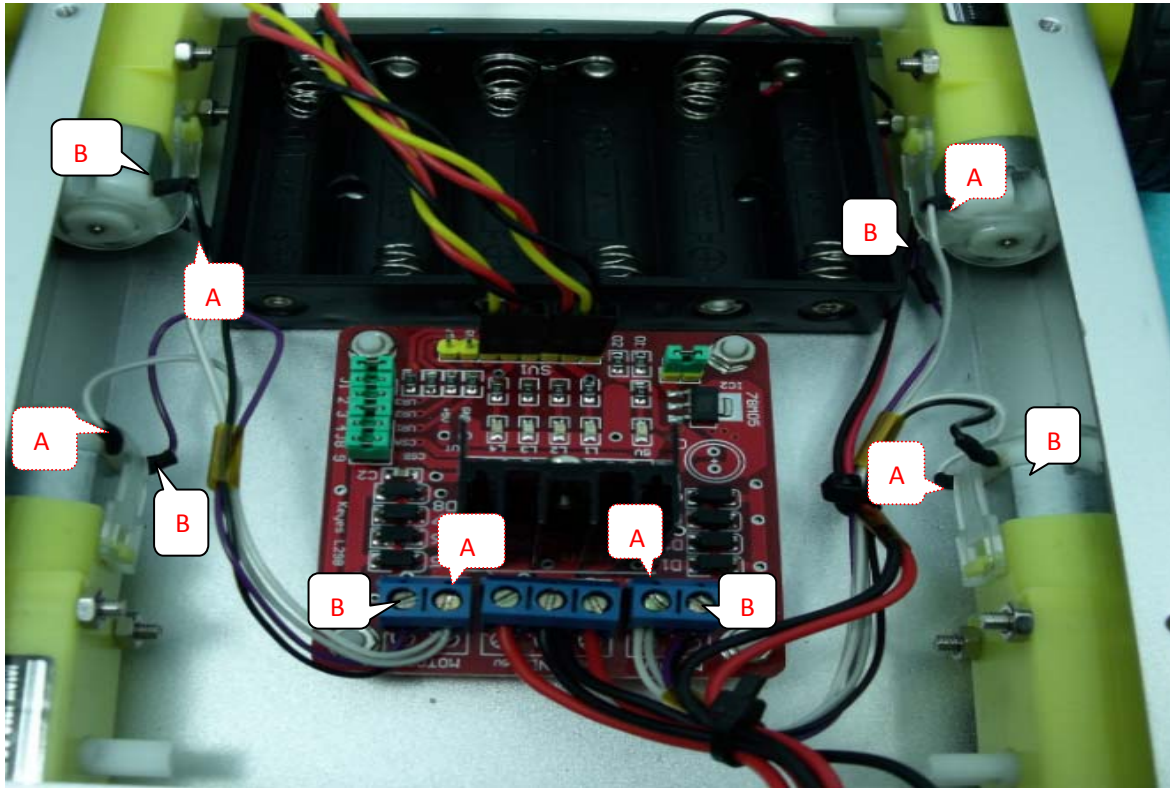
Step 2.2 Put the battery holder inside



Step3 Front and back panel installation

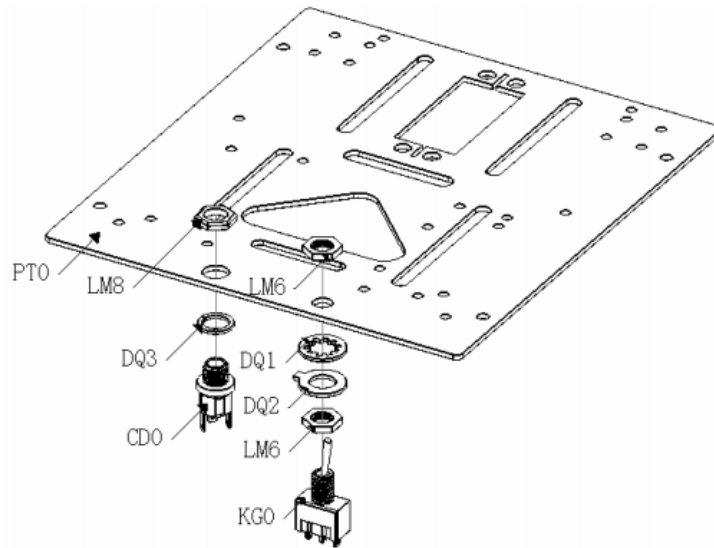


Step 3.1 The connection methods of DC motor and motor driver

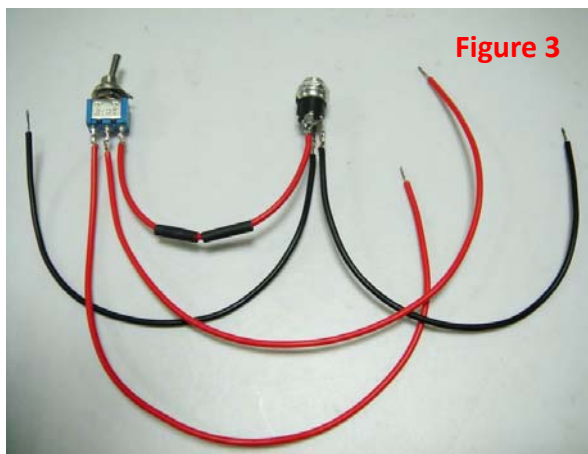


A connect to A and B connect to B.

Step4 Power socket and switch mounting



Step4.1 Charging switch kit production



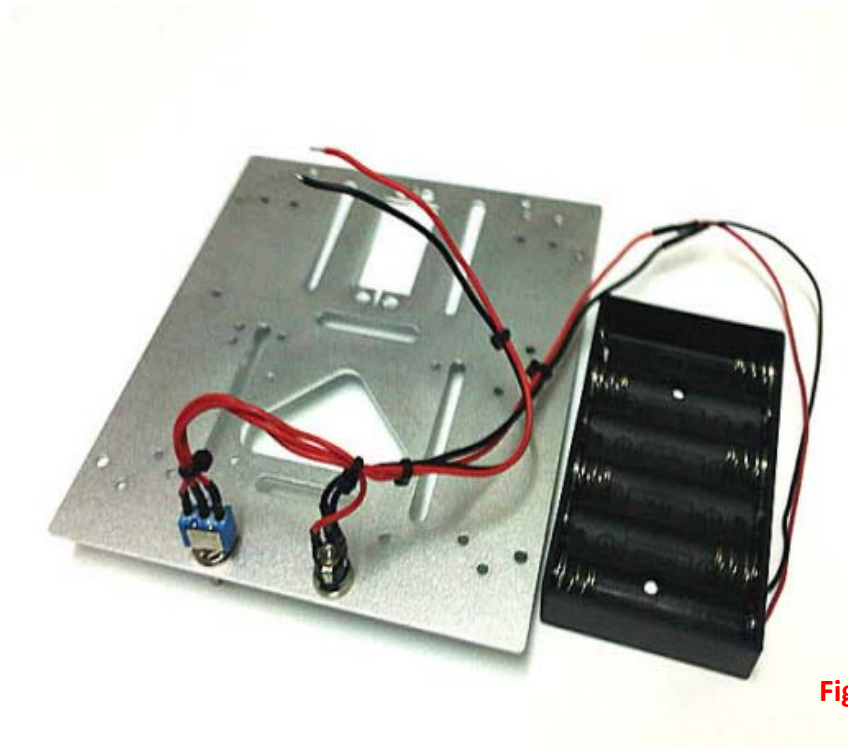
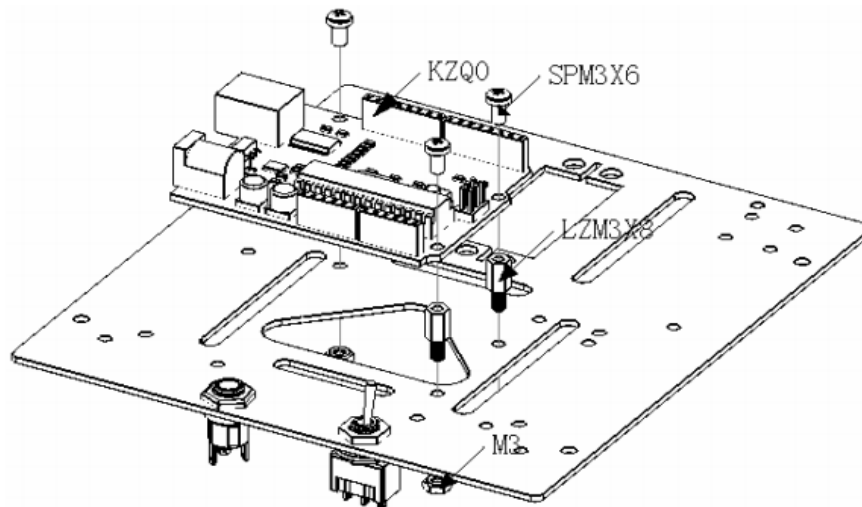
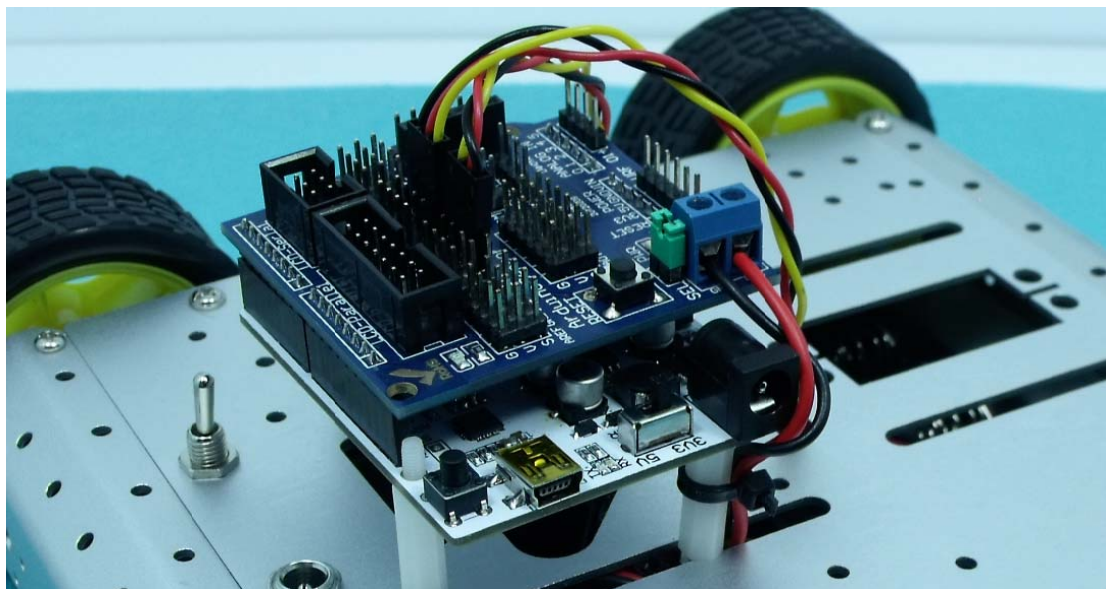
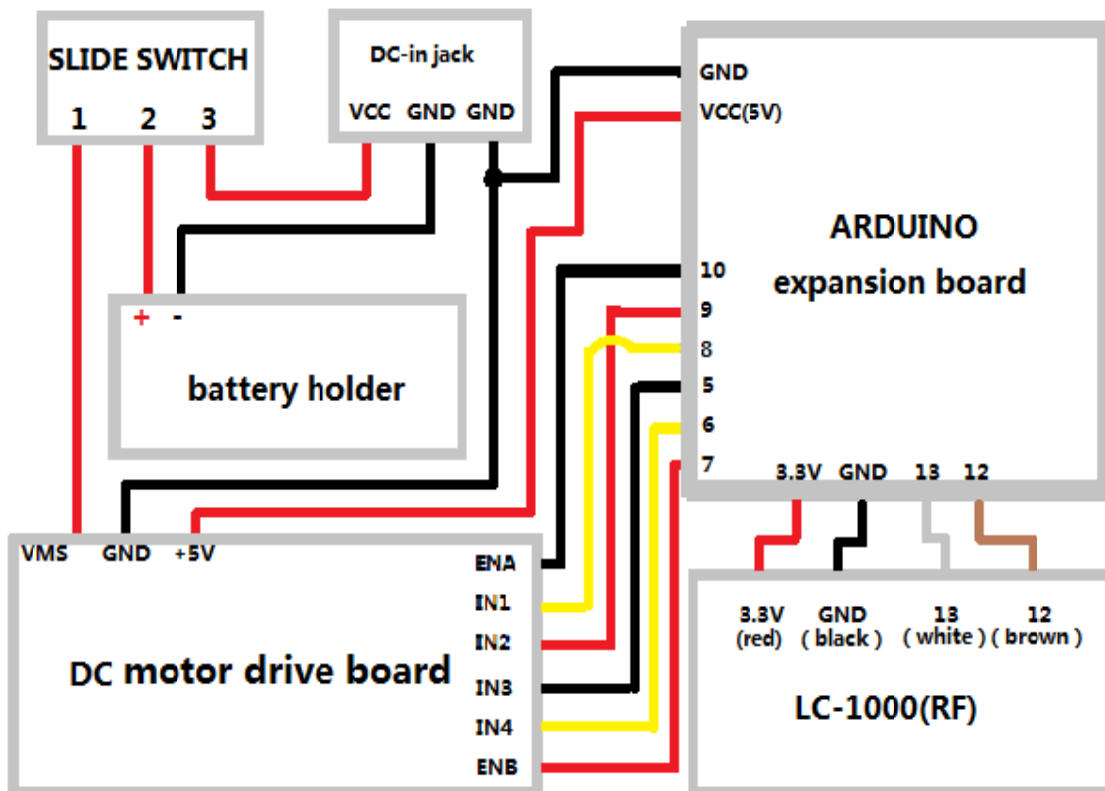


Figure 7

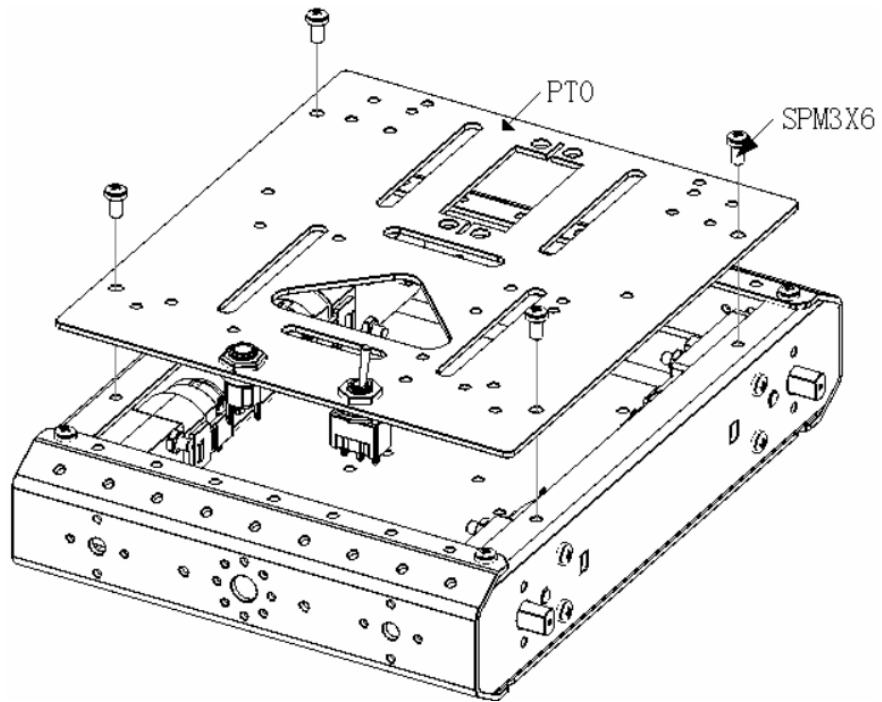
Step4.2 Arduino Main board installation



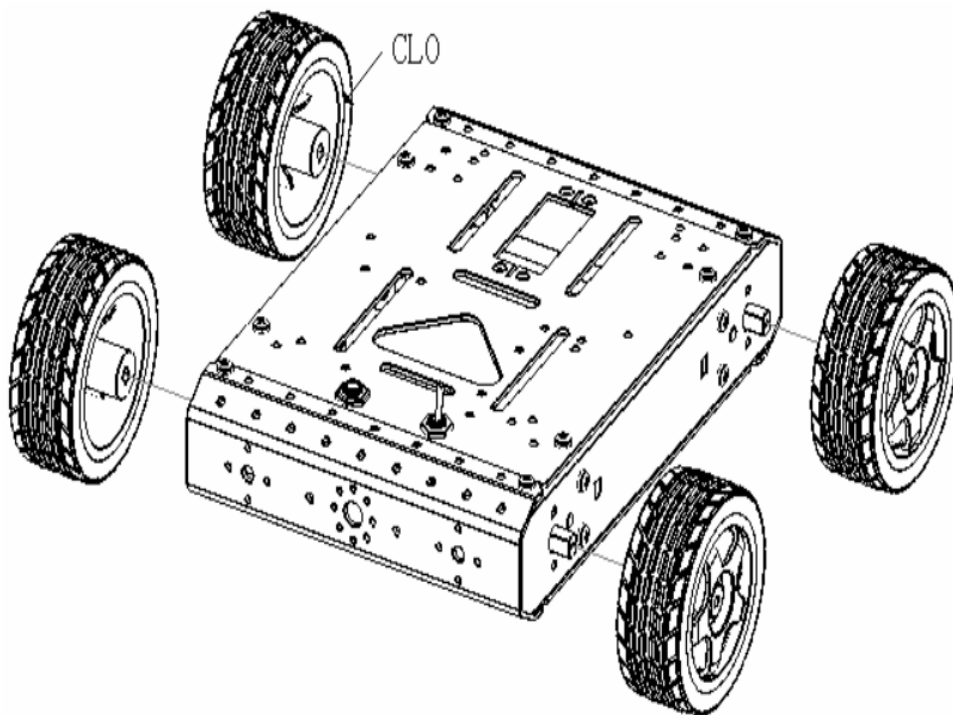


Extender board connected to the control, it can be change according to the program.

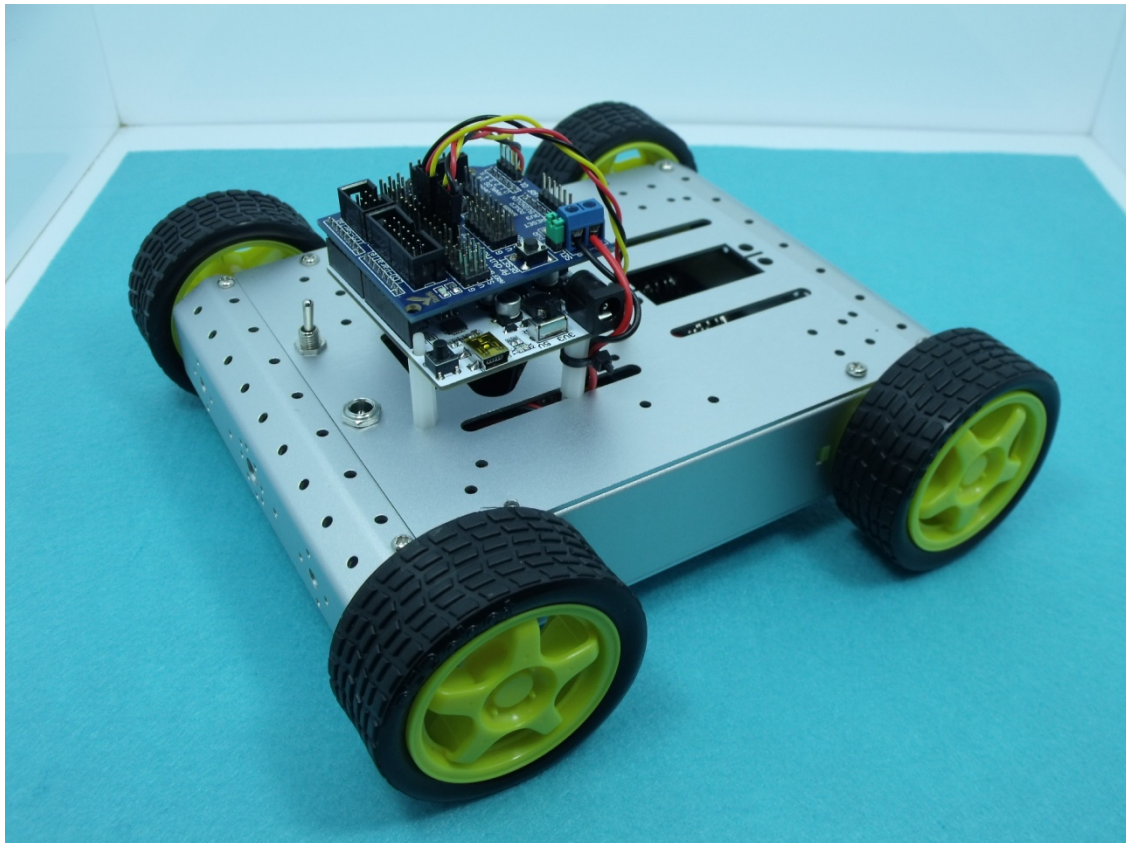
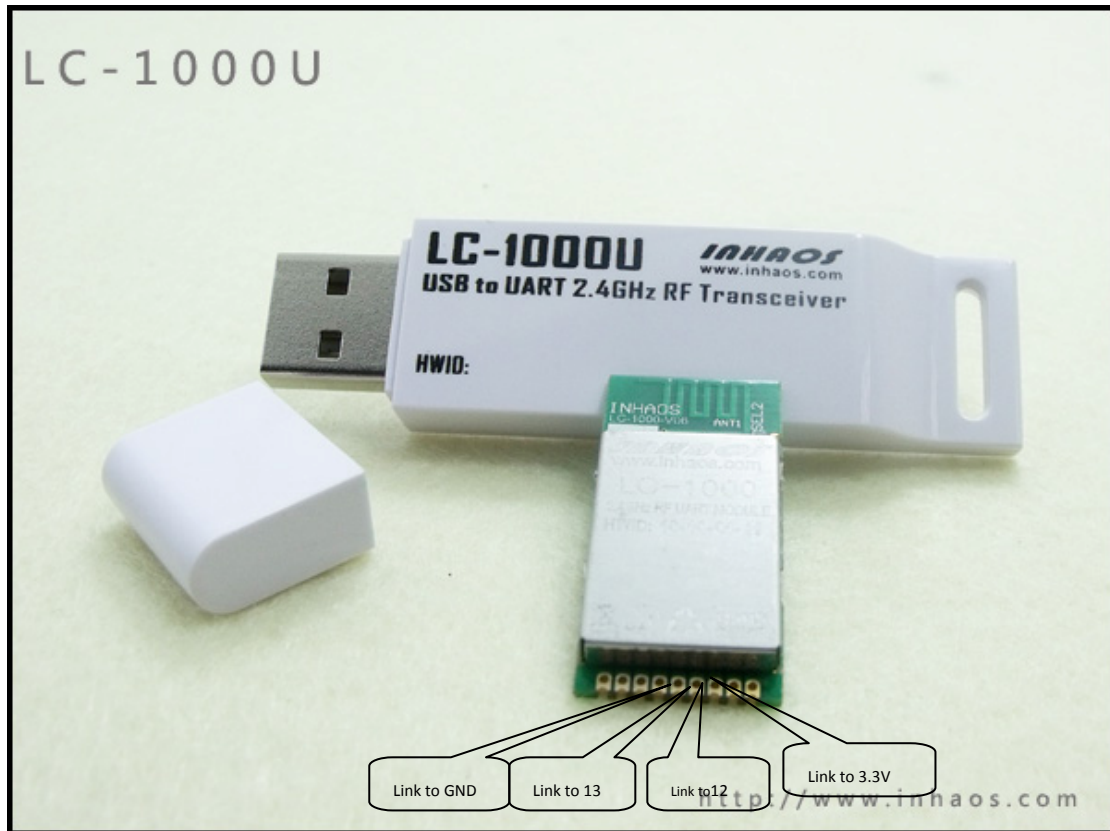
Step5 Upper case mounting



Step6 Wheels mounting



Step7 LC-1000U Connection



Product introduction

1. Drive motor Gearbox ratio 1:48
2. Drive motor with no load speed: 220rpm
3. wheel-diameter: 65mm
4. Wheel width: 25mm
5. platform length: 206mm
6. Platform width: 200mm
7. Platform height: 65mm
8. Platform Weight: 620g
9. Chassis distance from the ground: 15