

## **Preparation before installation**

1. Please take pictures before installing the car, and please keep the disassembled screws in a safe place. There are spare screws and some parts in the parts package ③.
2. On the manual, there is a small red number at the back of the part, which corresponds to the part package with the number, you can find it inside the aluminum box.
3. Before installing the extension, please confirm the direction according to the manual or installation video to install it.
4. Before installing the main control board, please insert 40pin cable into the expansion board.
5. After installing the main control board, please insert the TF card.
6. Before disassembling the lidar fixing board, please remove the network card antenna on the fixing board. (The network card antenna is fragile, please operate carefully)
7. When the equipment connection line is too long during the installation process, the magic cable tie and the compartment in the frame can be used.
8. Both the motor cable and the battery cable can be connected to the expansion board through the through-hole slot on the bottom plate of the frame.

## **Precautions when using**

1. Do not place the robot on a high place to avoid damage components of the robot due to a high-altitude fall.
2. After the robot falls from a high altitude, it is necessary to check whether the load-bearing wheel shock absorber rod is deformed. After the deformation, the robot will jam during operation. You can consult our technical support.
3. The robot uses a total of 30 sets of bearings, including deep groove ball bearings, flange bearings, and flat bearings. After the robot runs for a long time, there may be bearing damage problems. This is a normal phenomenon. You can consult our technical support to inquire about the relevant model.
4. Do not switch the direction of travel for a long time before and after the car is in use, it is easy to cause damage to the motor.
5. Before using the robot every time, you need to check the body condition. The normal operation of the robot needs to ensure that the driving wheels, load-bearing wheels, and driven wheels are normal; you need to pay attention to the connection of the motor and the driving wheel connector.