

INSTALLATION MANUAL

Car Model: BENZ GLA 2015-2020



Installation Requirement Safety Precautions

1. For your safety and normal using, please ask a professional personal to install it, do not install and uninstall by yourself, to avoid product damage or accidents.

2. Before installation, please make sure car mfd showing normally, all buttons inside car are working correctly, check if car light working, if have some scratches inside car surface, if yes, please contact with car owner.
3. Check if tailgate open and close normally, if has any deformations.
4. Prepare all tools, turn off car, ensure power off operation.
- 5.The parts and screws of the original car removed during installation should be placed separately and marked to prevent loss. Wire joints should be insulated to prevent short circuit.
- 6.According to the wiring mode of our company, avoid affecting the moving parts of the car when installation, such as steering wheel drive shaft, accelerator and brake pedal and other vehicle control parts. The wiring harness should be fixed during the straight line process to prevent loose.
- 7.Do not plug in or out the product and plug in the power-on state, to avoid damage to the product.

Step1: Wiring definition.

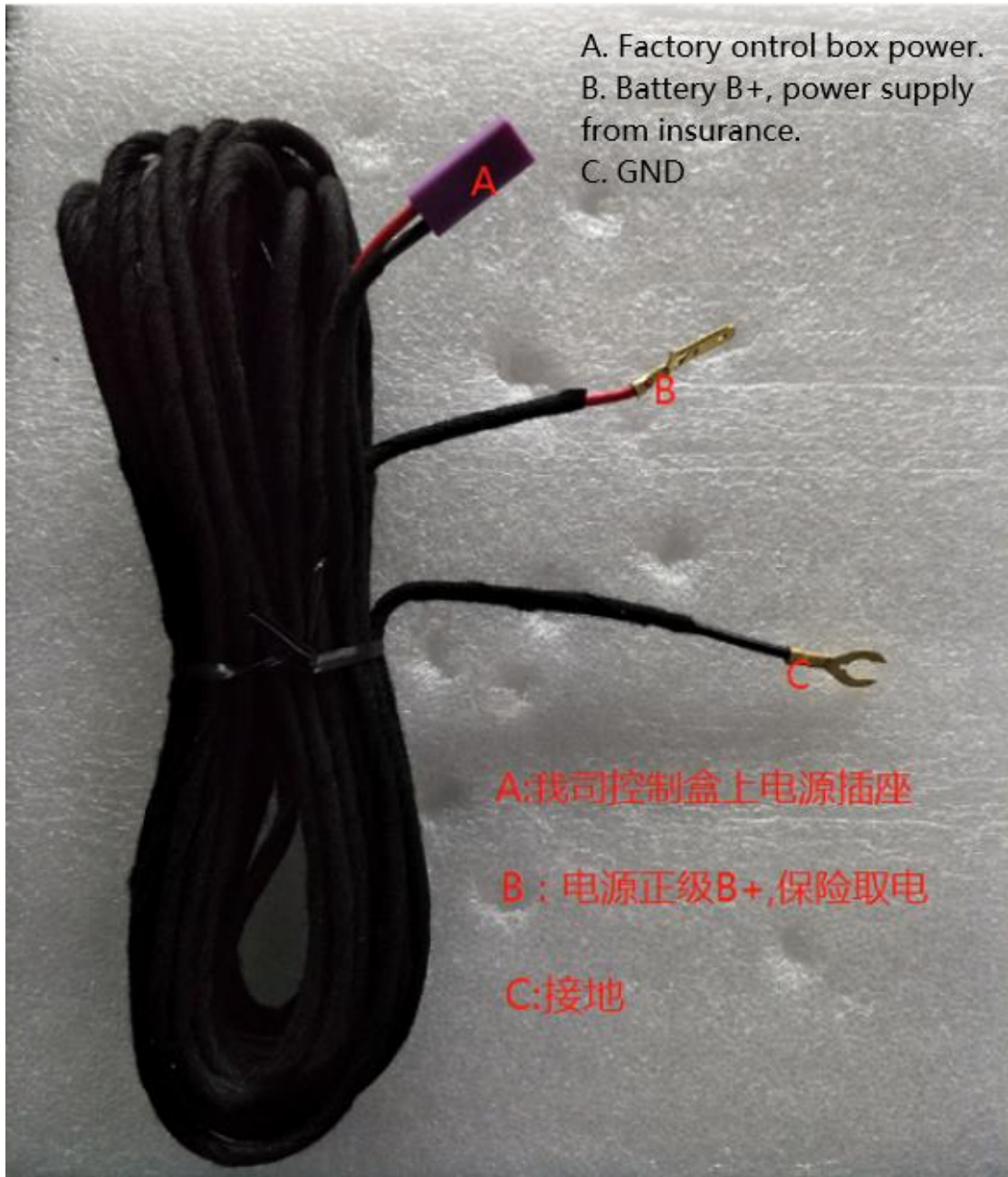


Pole serial no. seventh-bottom "L" means left pole, "R" means right pole, "G" means no need recognize.



倒数第7位为L: 左边
倒数第7位为R: 右边
倒数第7位为G: 不分左右

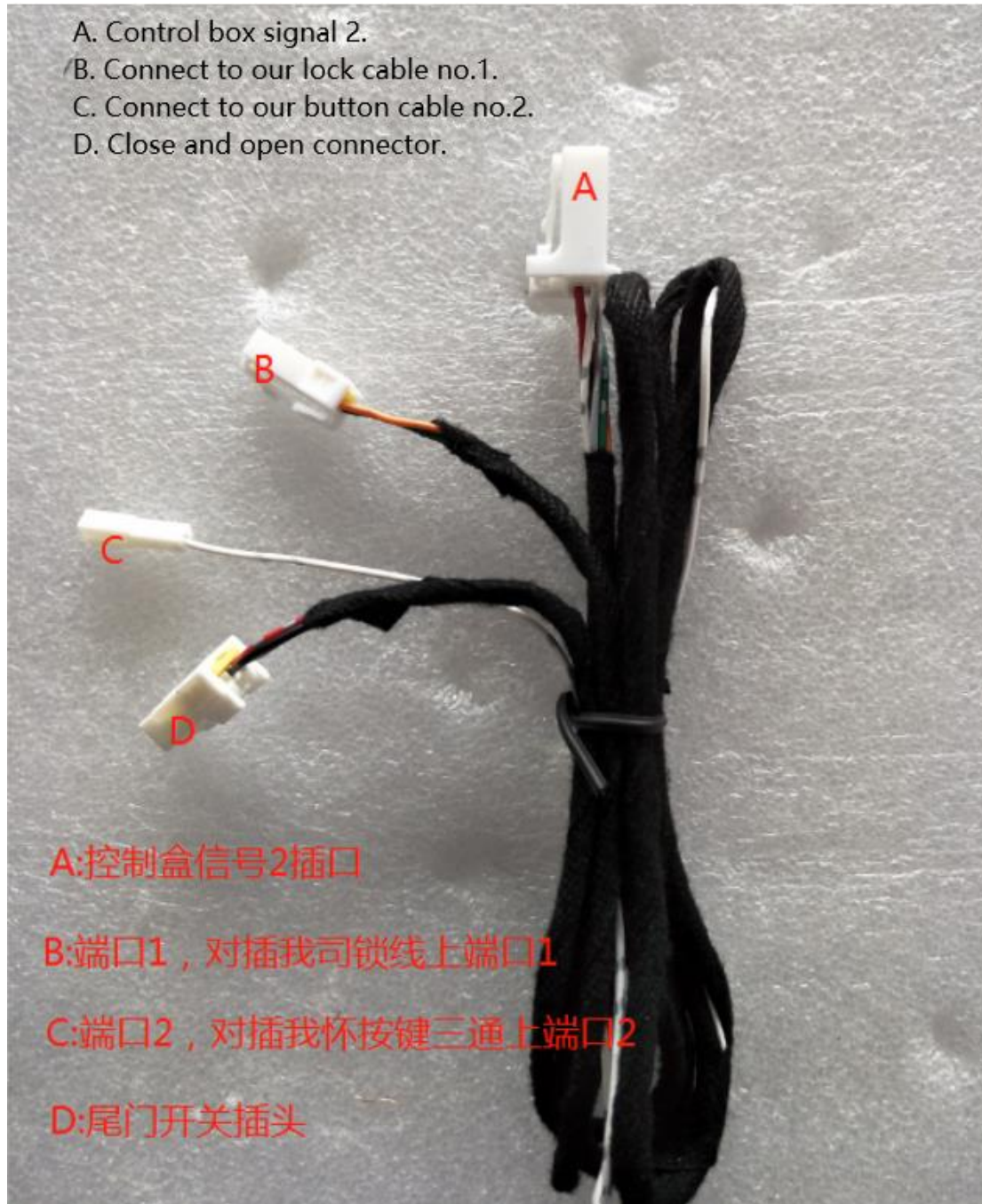
A. Factory ontrol box power.
B. Battery B+, power supply
from insurance.
C. GND



A:我司控制盒上电源插座

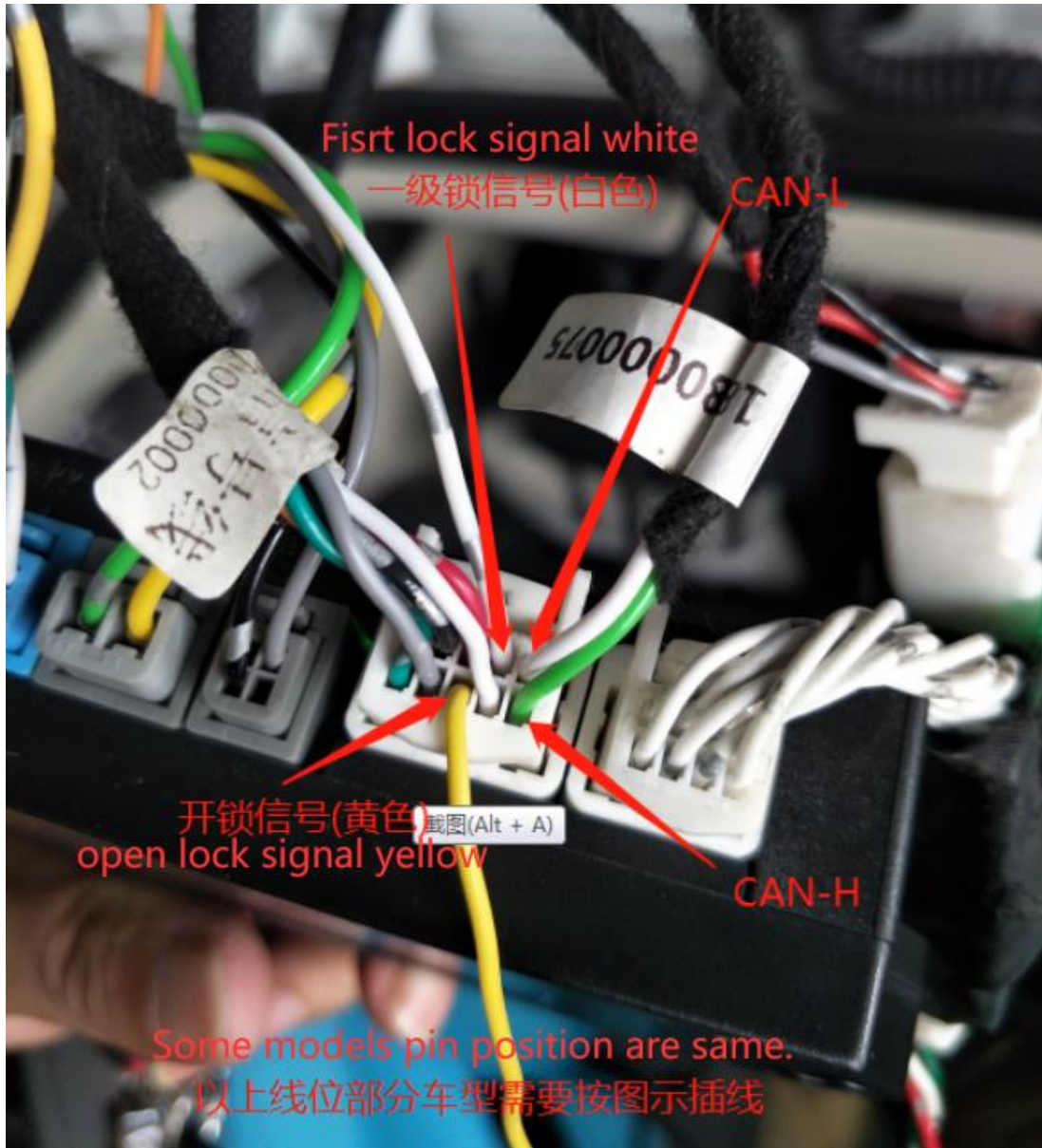
B:电源正级B+,保险取电

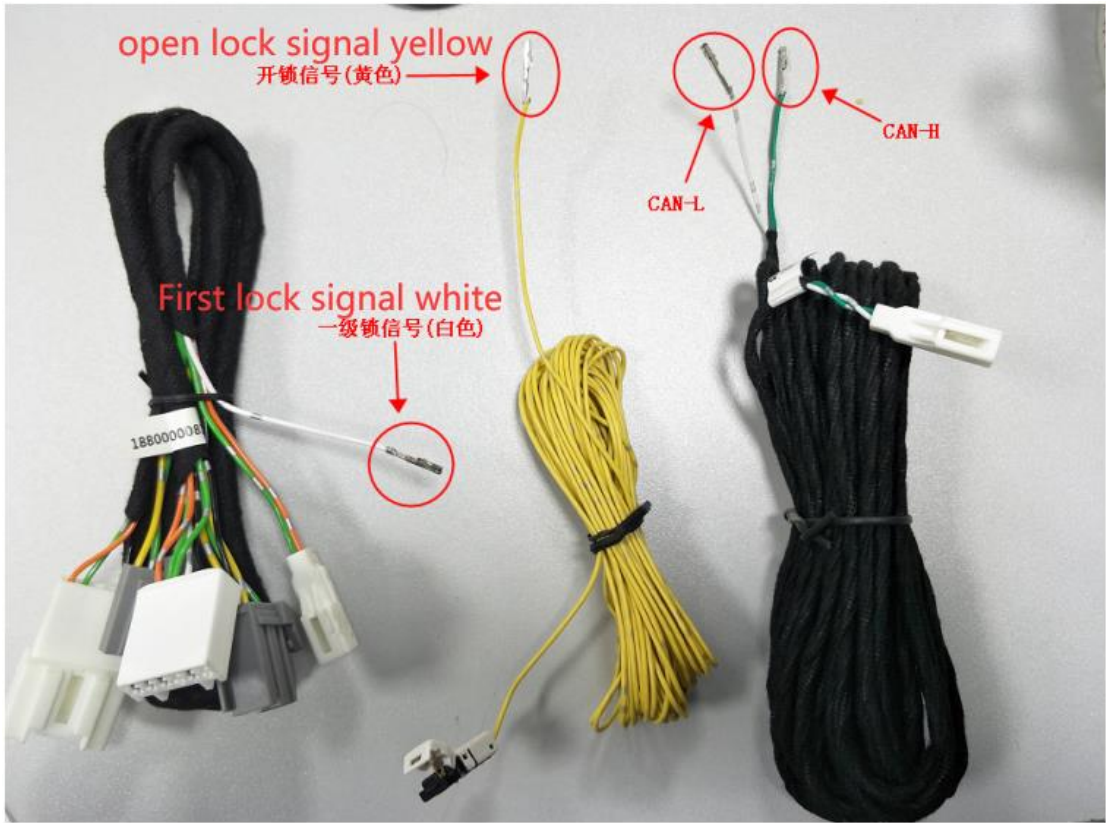
C:接地



Installation process diagram

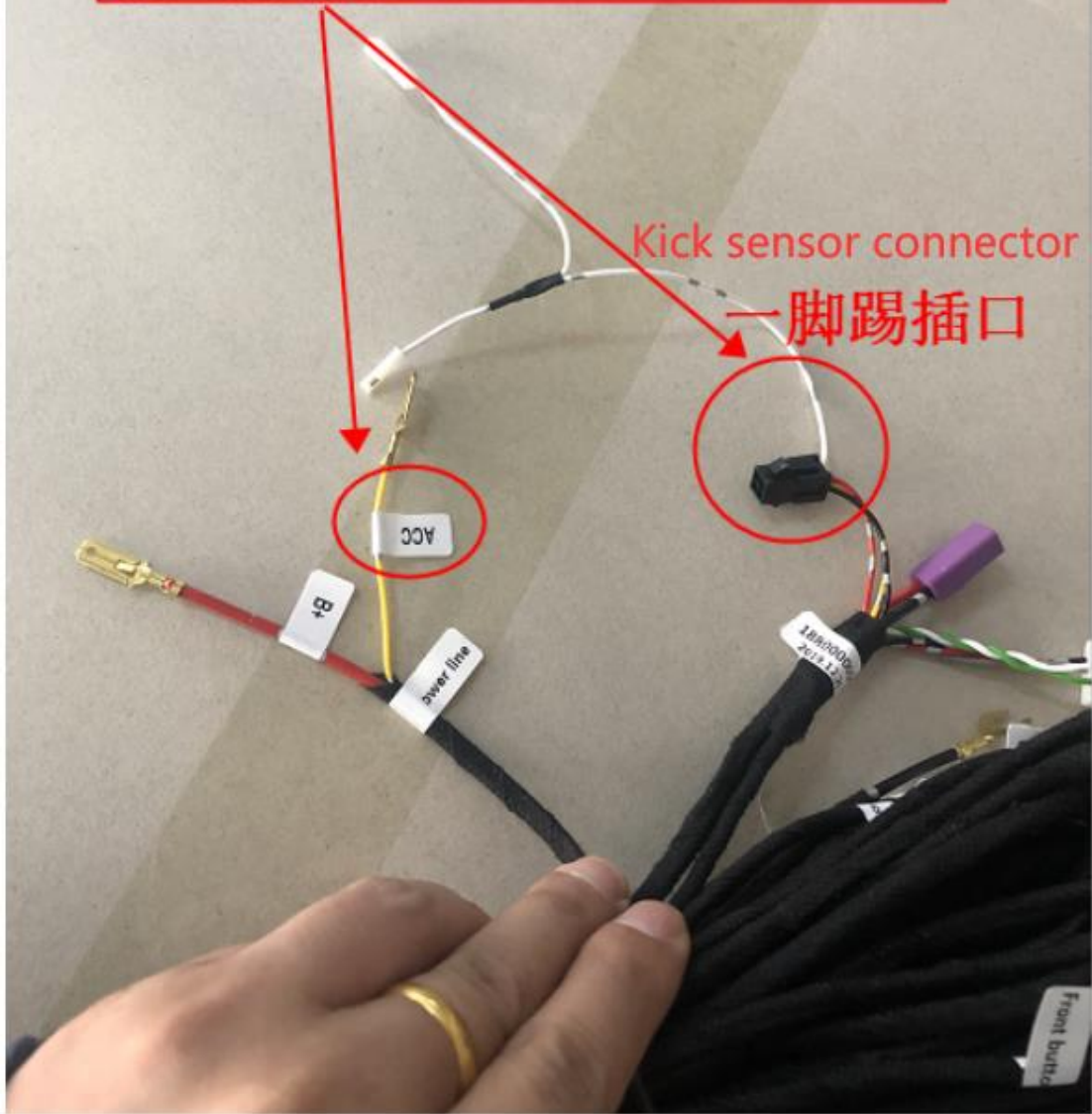
Note: The installation step is to install the mechanical part of the pole firstly, open and close tailgate manually, and confirm that the polo open and close smoothly and the polo body does not scratch the car body, then connect the power and signal, then test again, if not problem, we can finish wiring followed our installation requirements.





如果不帶一脚踢, ACC不需要接
If without kick sensor function, no need
connect ACC.

Kick sensor connector
一脚踢插口



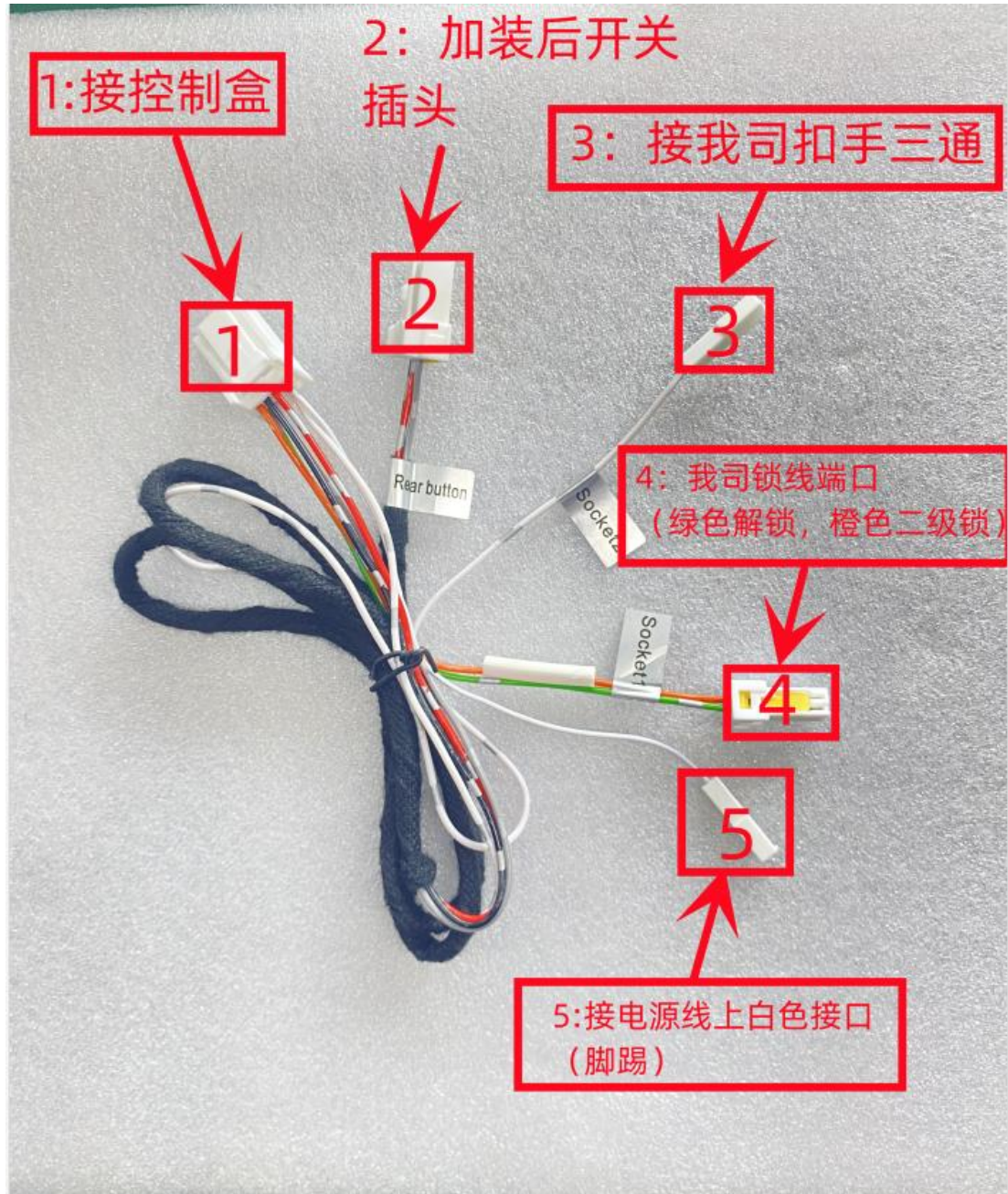
Connect control box.

Rear button connector.

Connect our 3-ways connector.

Connect our suction lock(green color unlock signal, orange second lock signal).

Connect our power cable white color, its for kick sensor.



Kick sensor signal connector. Without kick sensor no need connect.

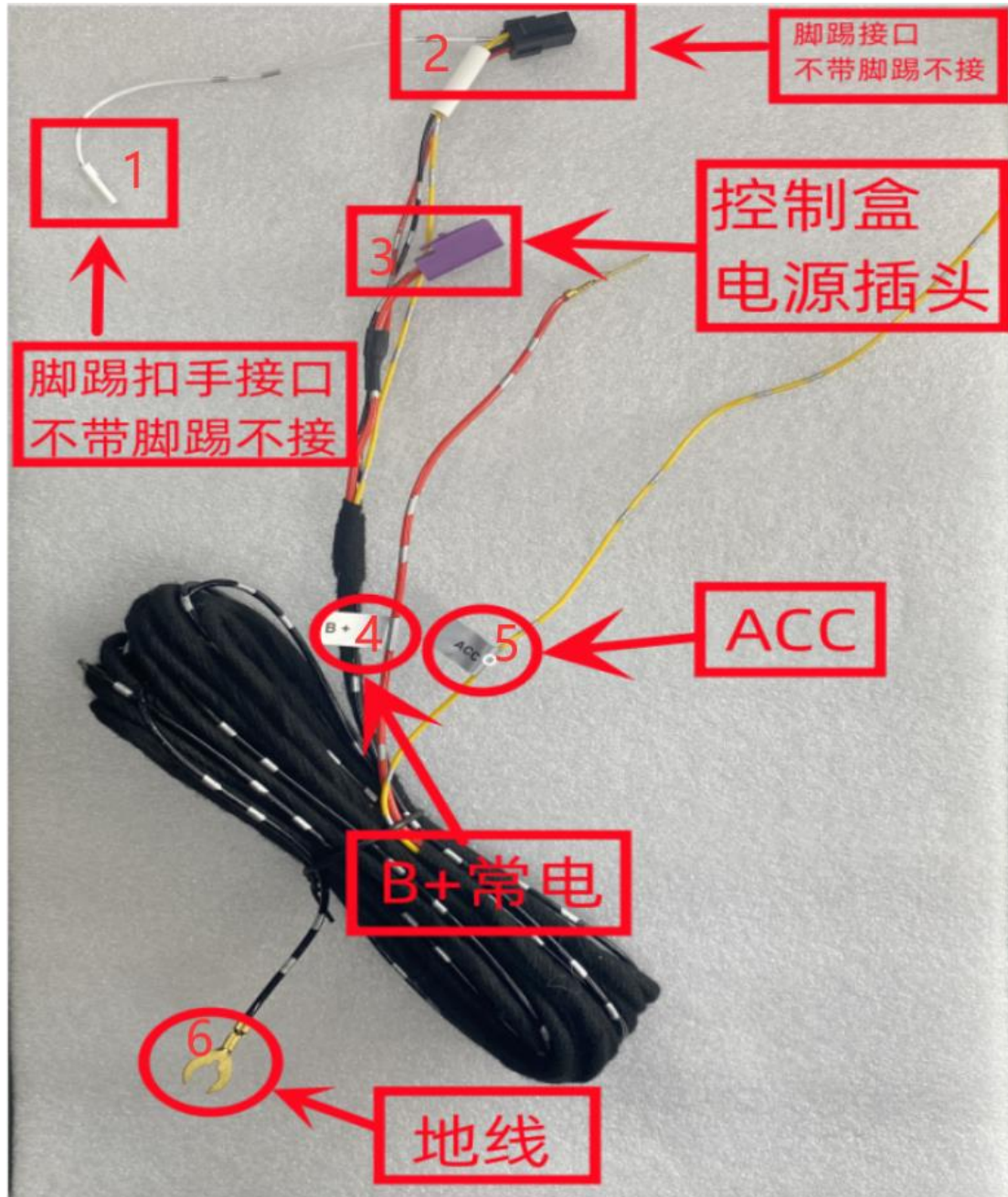
Kick sensor connector. Without kick sensor no need connect.

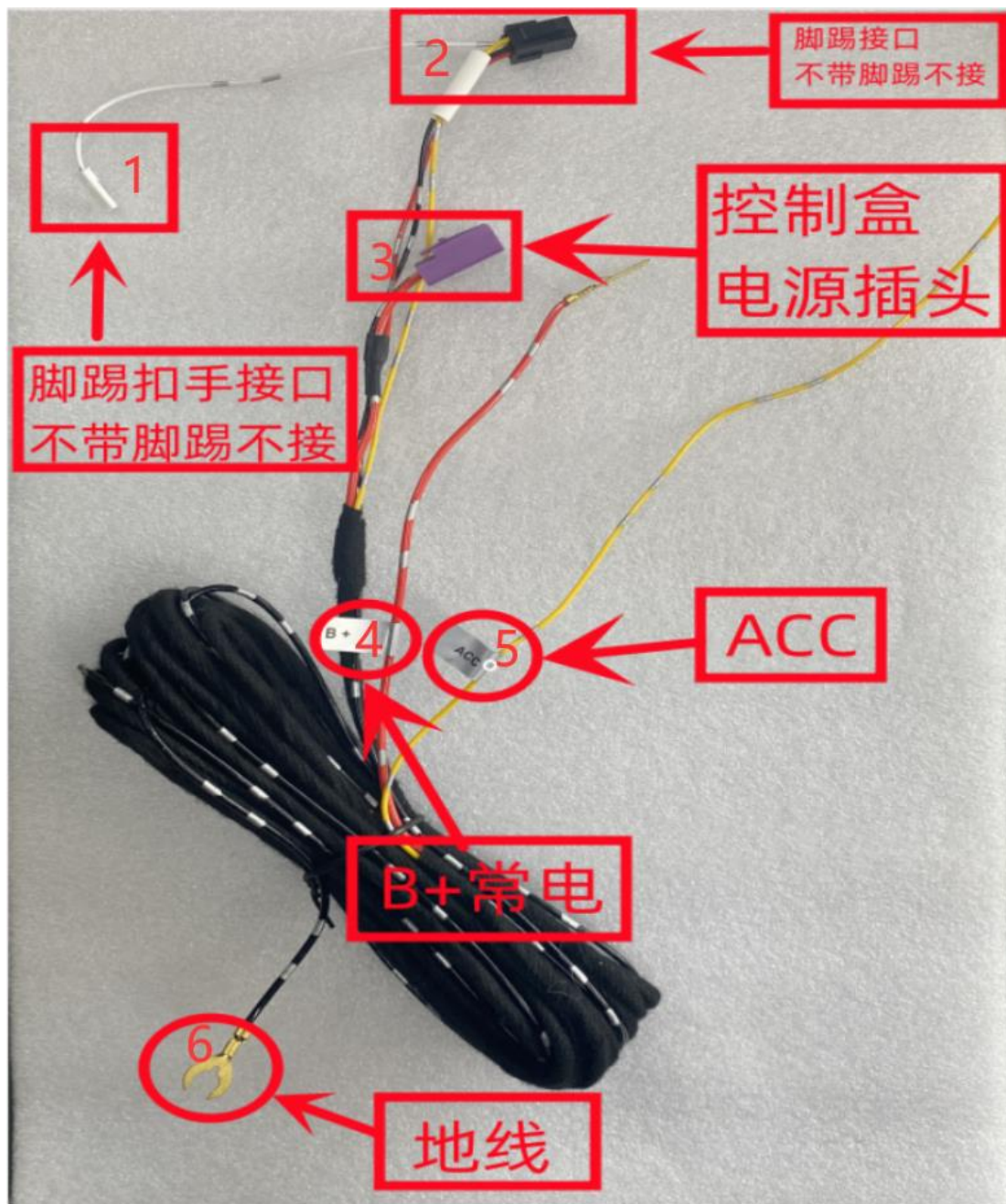
Control box power connector.

Battery.

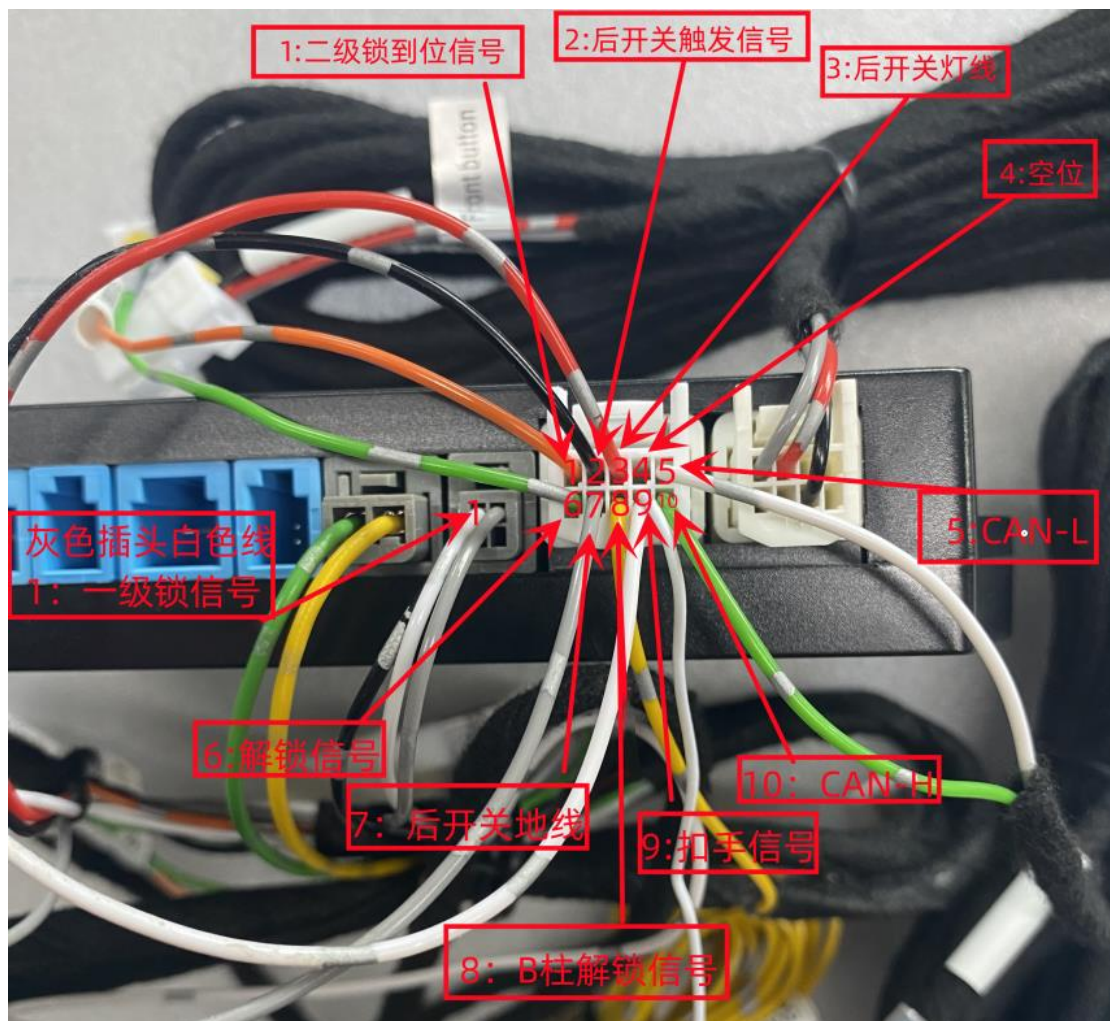
ACC.

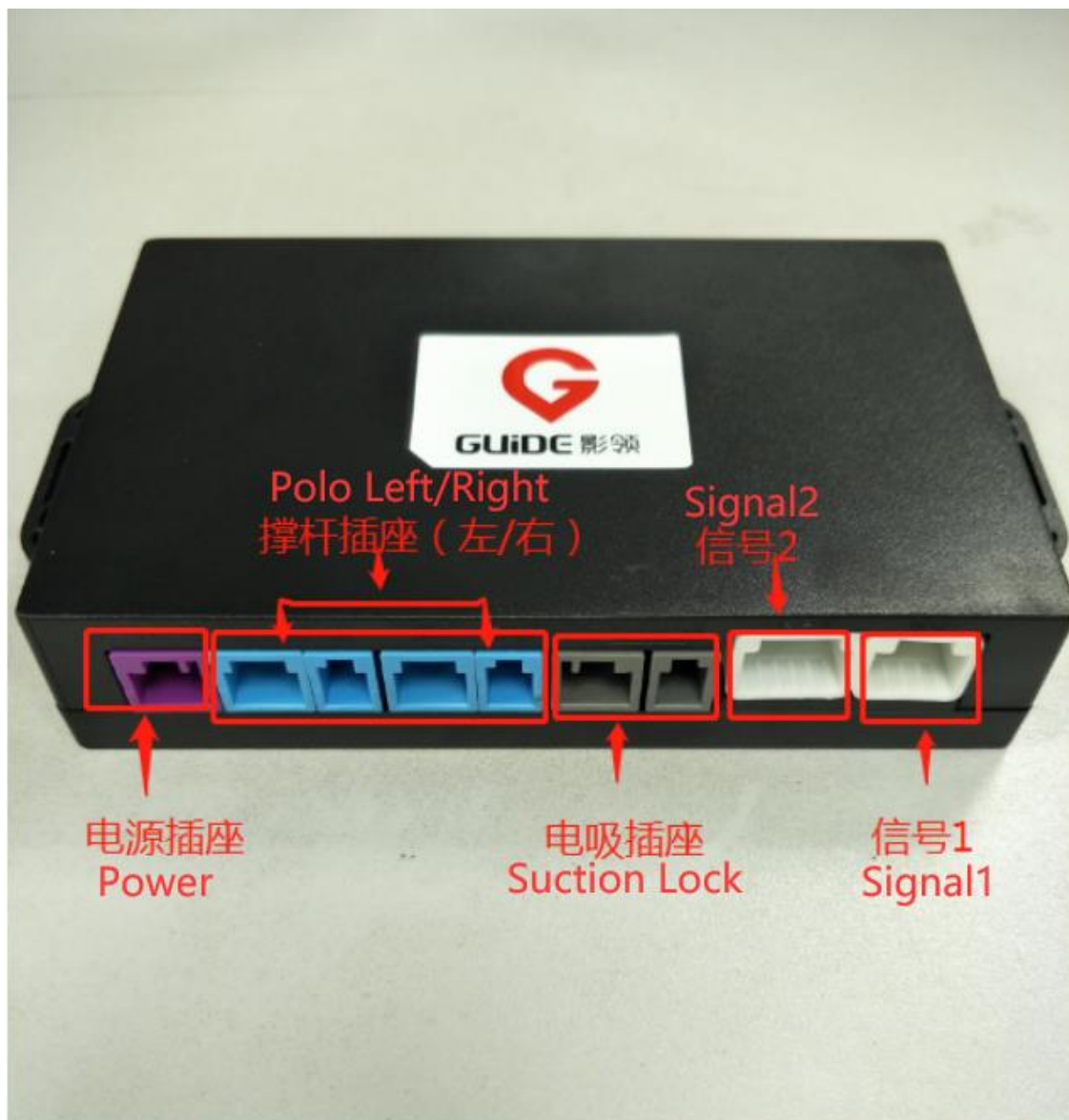
GND.





Second lock signal.
Rear button signal.
Rear button light.
Reserved.
CAN-L.
Unlock signal.
Rear button GND.
B-pillar unlock signal.
Manual signal.
CAN-H.





Above positions are the wiring diagrams of some models.

NOTE: After installed pole and lock, please open and close door manually to make sure it working perfectly without any scrub, then connect cable and testing with power on again, if working perfect, then we can begin to make wiring.





Take off original pole, change to our car body bracket.





更换原车车身支架

Install our special car body bracket.



安装我司车身支架

Pole wiring position, we need make a hole for right side.
Change to our special electric pole.



Use our tool make a hole for pole wiring.



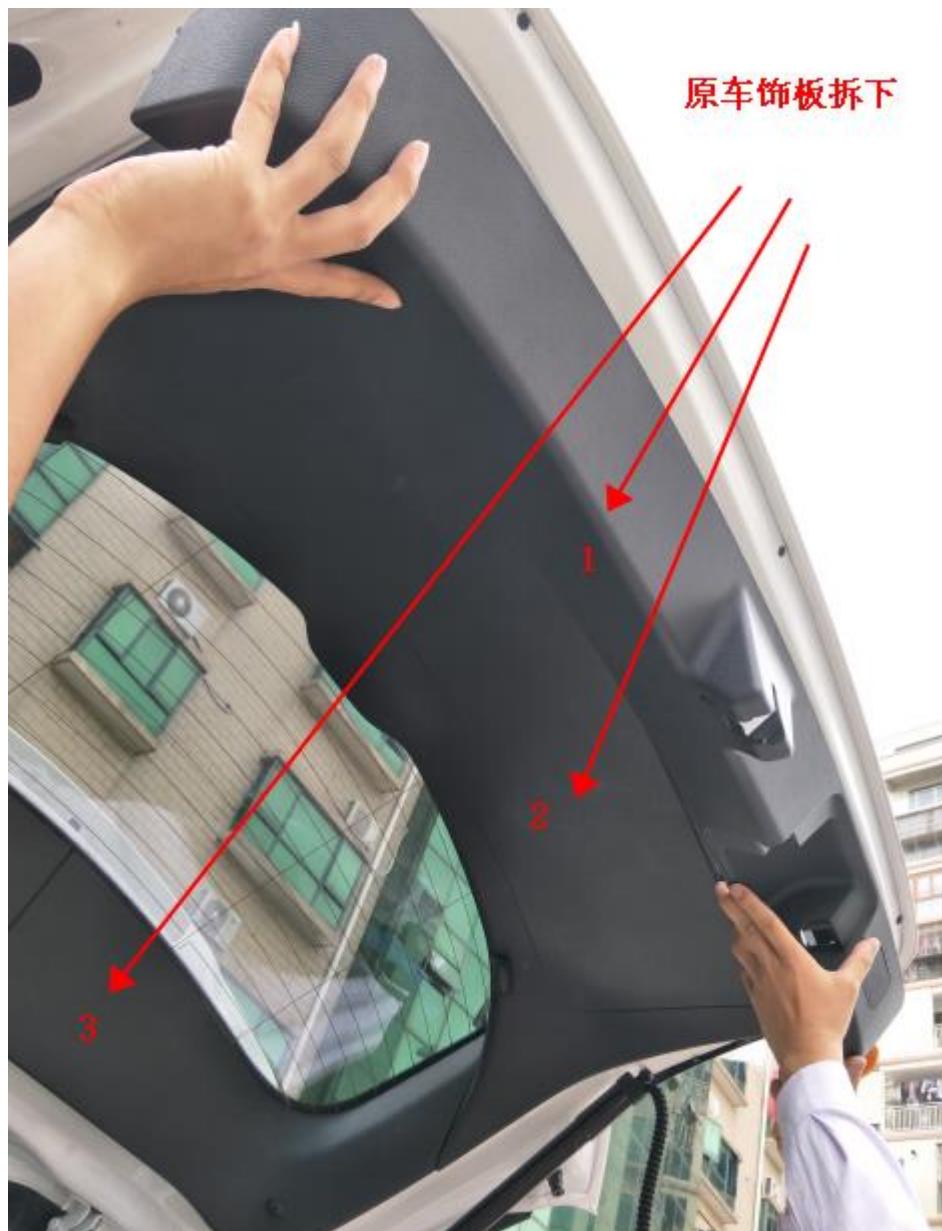
Take off original manual switch.





拉手卡扣用尖嘴钳取出

Take off original big cover frame.



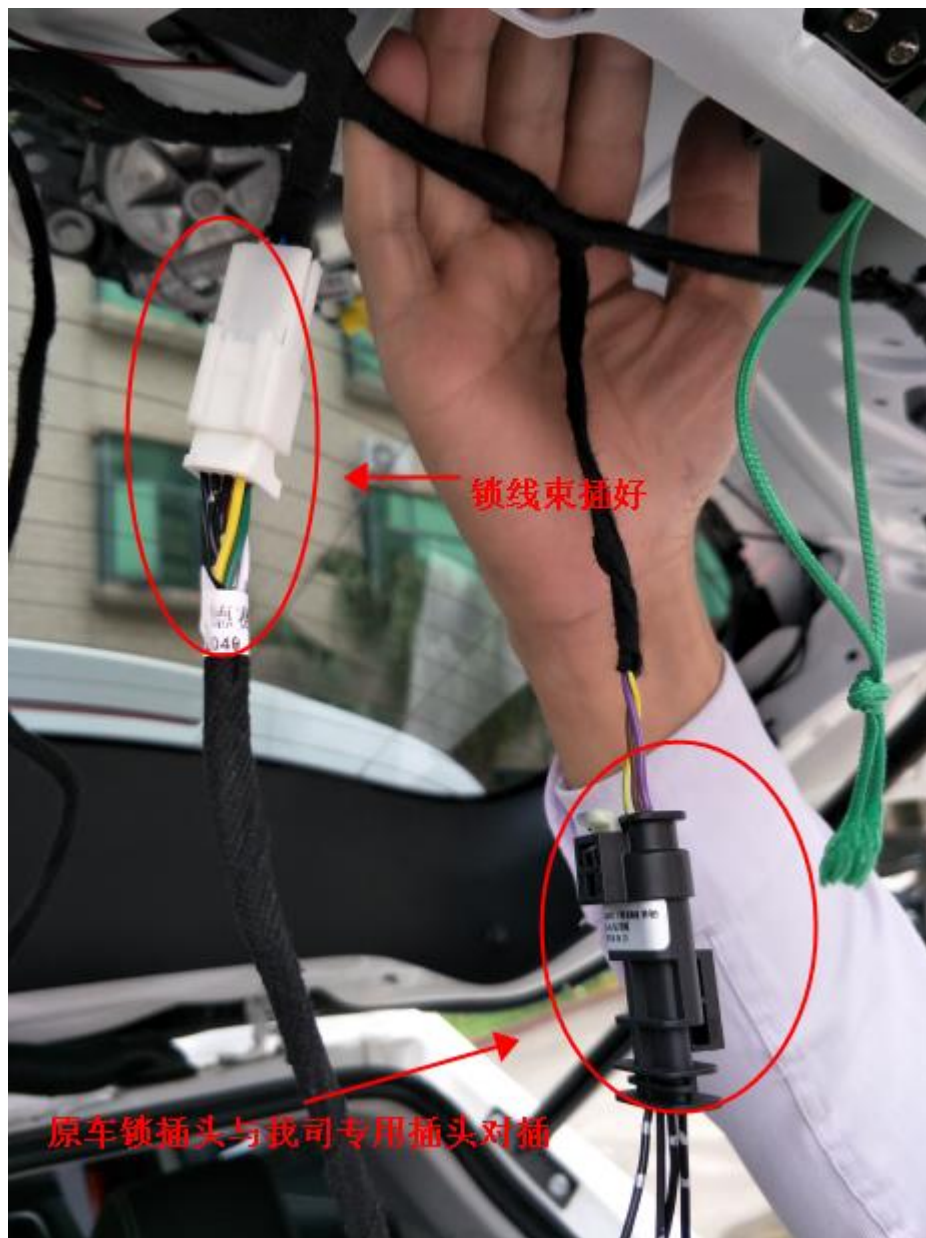
Take off original lock, install our suction lock.



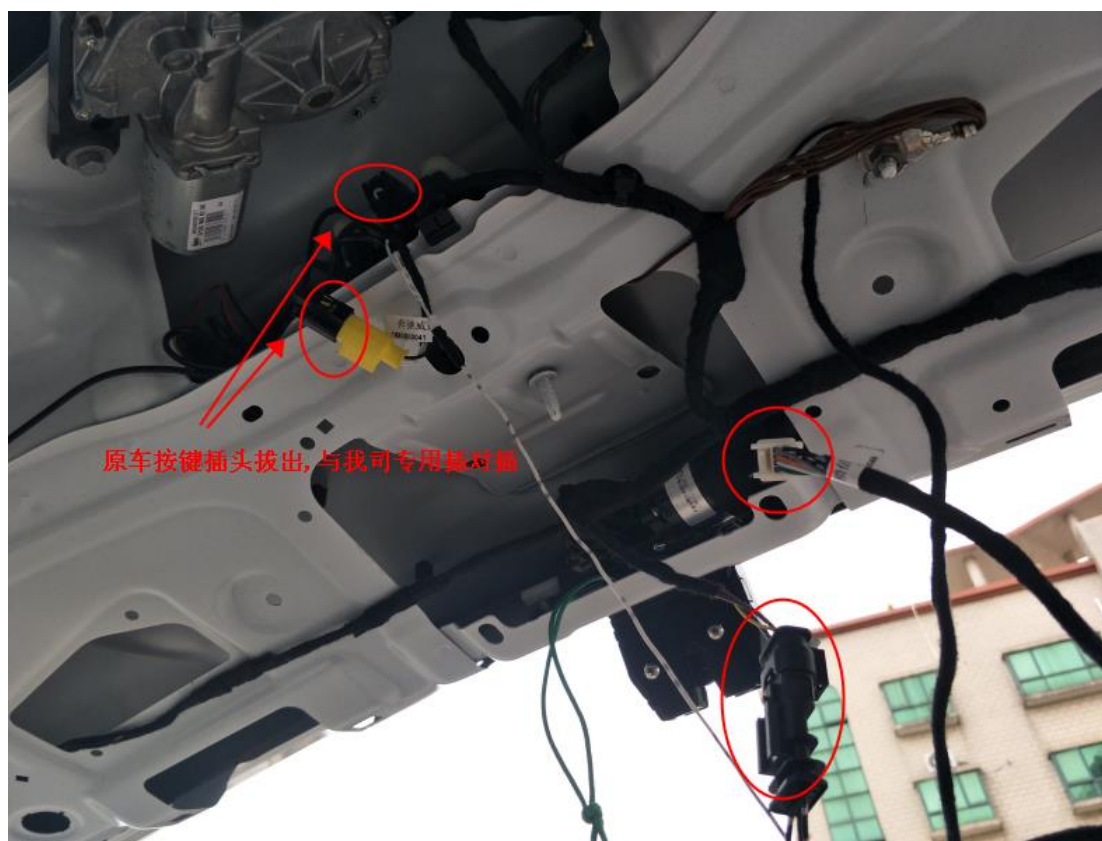
Install our suction lock.



Make all connection.



Unplug original connector, connect with our special connector.



GND position.



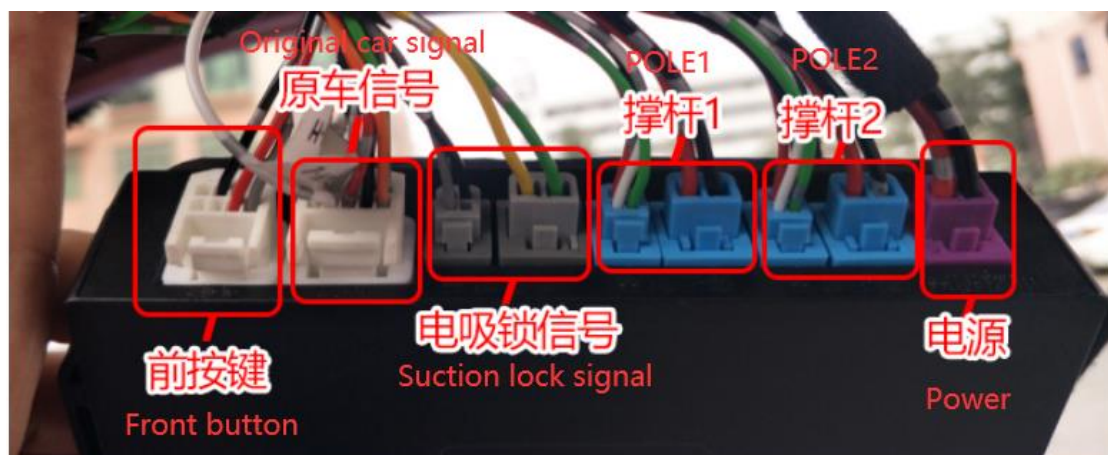
Battery supply from insurance box, please note direction. And original CAN protocol position.



Original brown&red cable connect our brown or green cable, original brown cable connect with our white cable.



Press this button more than 2.5 seconds to open and close tailgate.



Red arrow are for battery and can protocol wiring.

Blue arrow is for pole wiring.

Note: 1.Original can protocol position.

2.Battery supply from insurance box.



Rear button



After installation, power on and close the tail door manually, test the product to check whether the pole is pressed, the ball head gasket can be fine-tuned, you can use our development center HOOK & LOOP and tie to fix control box and wirring, install each parts as where they are, the installation is complete!

Note:

1. Press 3 times on remote unlock button to open and close tailgate.
2. Upper reading lamp button on cab press 2.5s to open and close tailgate.