

Installation instructions

Name:Electric pedals

Model car: 2024 Tesla Cybertruck

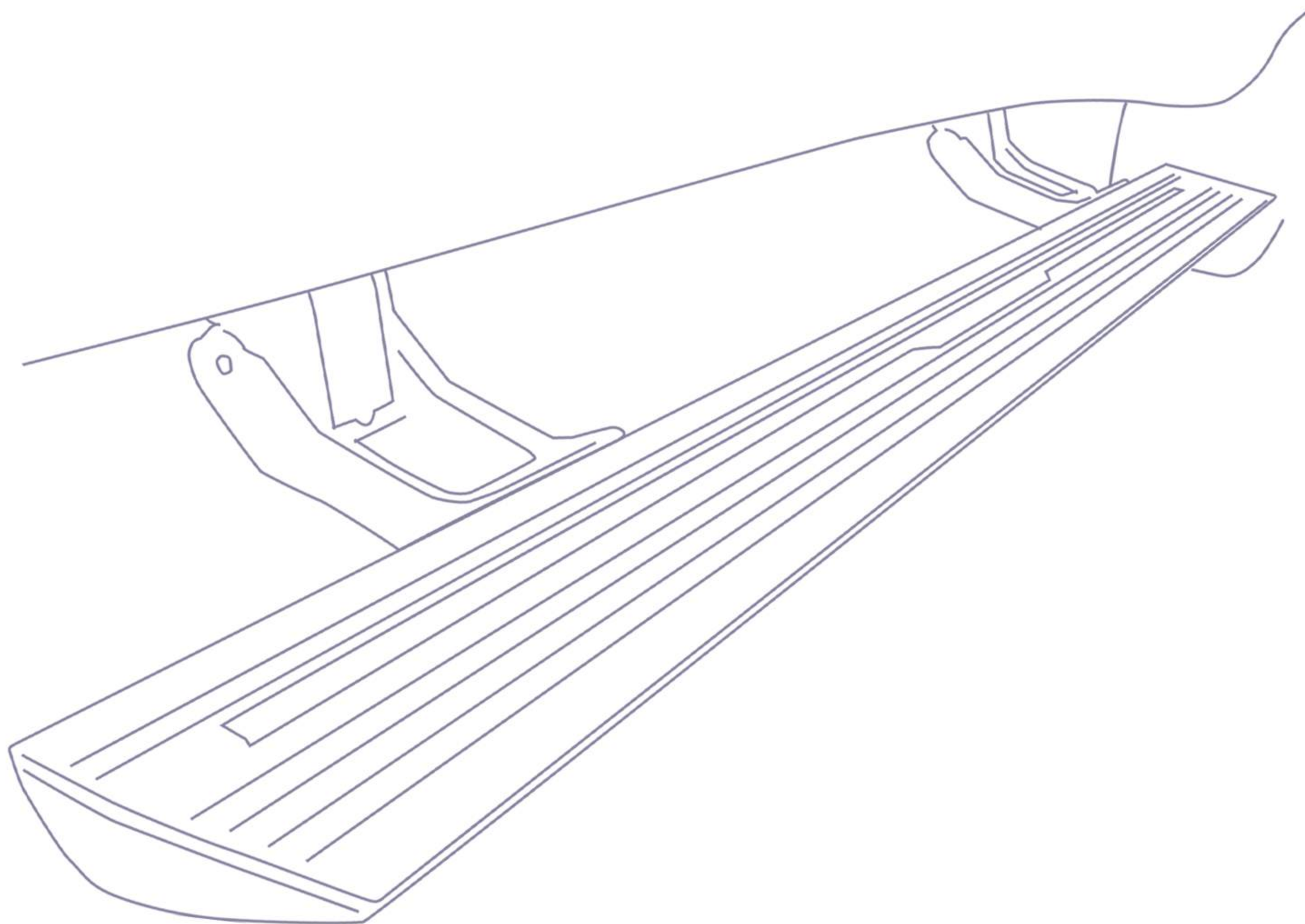


Table of Contents of the Manual

User manual or User guide.....01

Installation steps.....02

Parts list.....03

Wiring diagram.....04

Fuse routing or Fuse wiring.....05

Pedal installation.....07

Maintenance and repair.....08

App control.....09

Installation/Operating Manual

Precautions

- 1.To facilitate installation, please carefully read the user manual before installation. When installing, be sure to protect the surface of your beloved vehicle to avoid scratches.
- 2.Regularly check if all accessories connected to the pedal and vehicle are loose to ensure safety during use.
- 3.Follow the installation instructions strictly according to the identification in the wiring diagram.
- 4.The main control box of the electric pedal does not have waterproof or water resistance capabilities and must be placed inside the vehicle.
- 5.The white motor wire connector that plugs into the main harness must be placed inside the vehicle!
- 6.After the wiring harness passes through the chassis wiring hole, it must be waterproofed with silicone gel provided with the product!
- 7.When installing the wiring, be sure to avoid high-temperature components such as the engine casing and exhaust pipes.
- 8.When connecting signal wires, be sure to avoid short circuits between two wires or between wires and the vehicle body. Use the wire clips provided by the manufacturer.

Basic electrical components



Main Harness



ECU



Terminal Signal Line



Motor plug



Main fuse

Refer to the actual object for the circuit.

Installation steps

Preparation

- 1.Refer to the parts list to check if all components are present, and test the motor to ensure it operates correctly.
- 2.Differentiate between the front, rear, left, and right brackets, then place them together with the fasteners in their corresponding positions to facilitate faster installation.
- 3.Insert the plastic cards into the corresponding T-bolts separately to avoid accidentally inserting the T-bolts into the vehicle chassis during assembly, which could prevent the completion of the installation.
- 4.Use zip ties to organize the wire harness, and securely wrap and fix any exposed wires with electrical tape. Reinstall the removed guard plate to its original position. If there is interference between the guard plate and the bracket during restoration, trim the interfering parts (the bracket provides chassis protection, so vehicle safety is not compromised).
- 5.Installation is nearly complete; double-check the above installation steps to ensure nothing has been overlooked.

Tool preparation

- Check if the product to be installed is intact and if all accessories are included.
- Prepare the installation tools.



Tool set



Craft knife





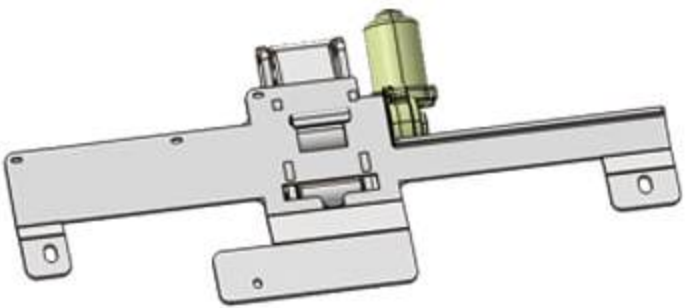
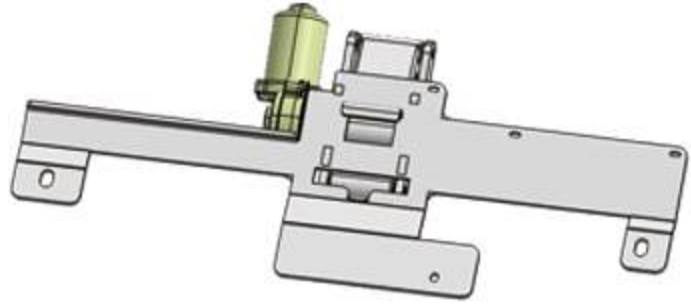
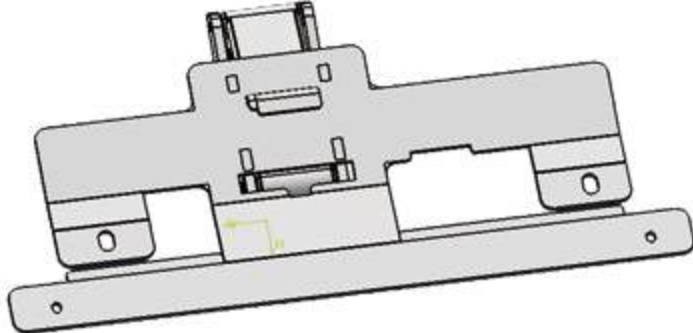
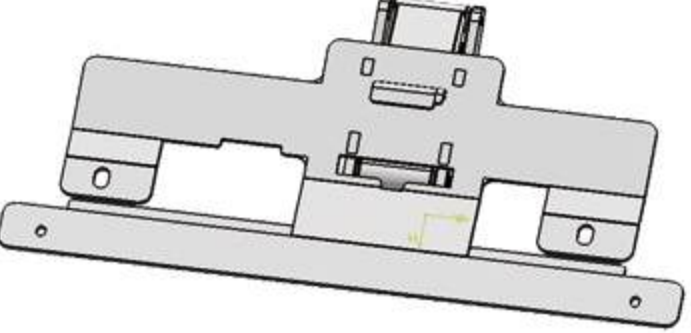













Angle grinder



Pry bar

Parts list

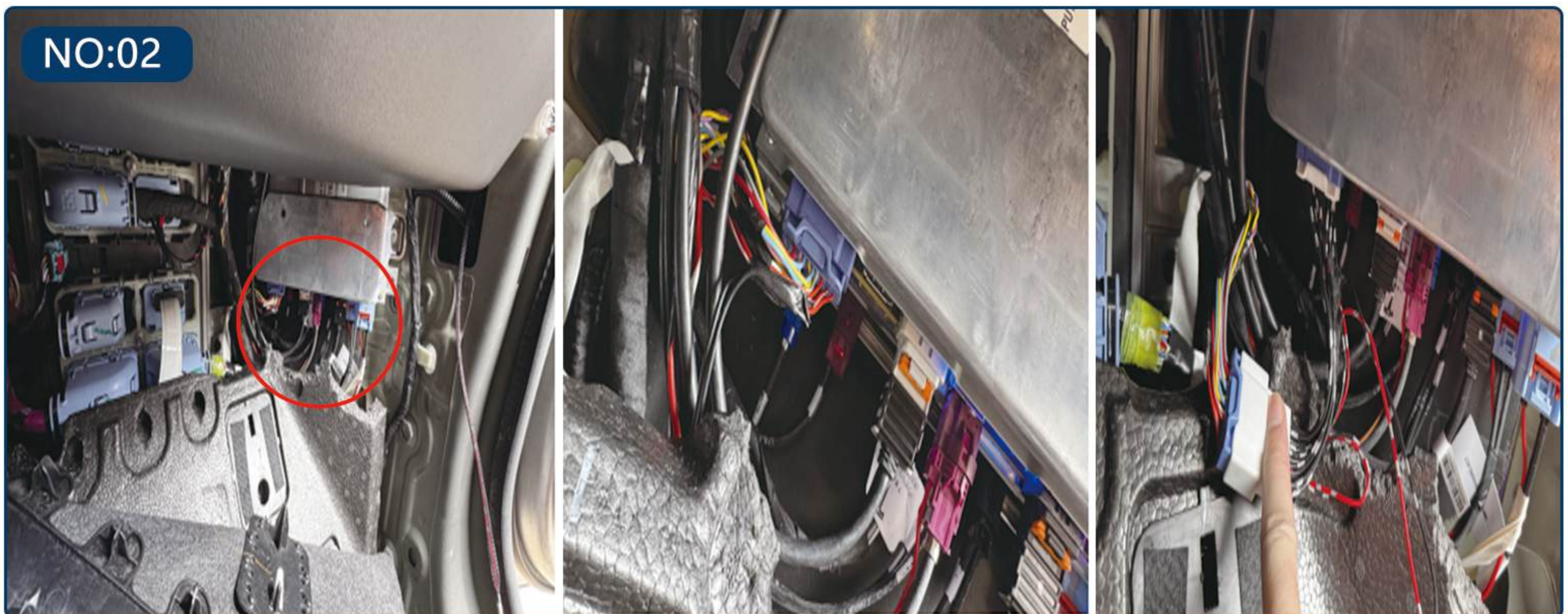
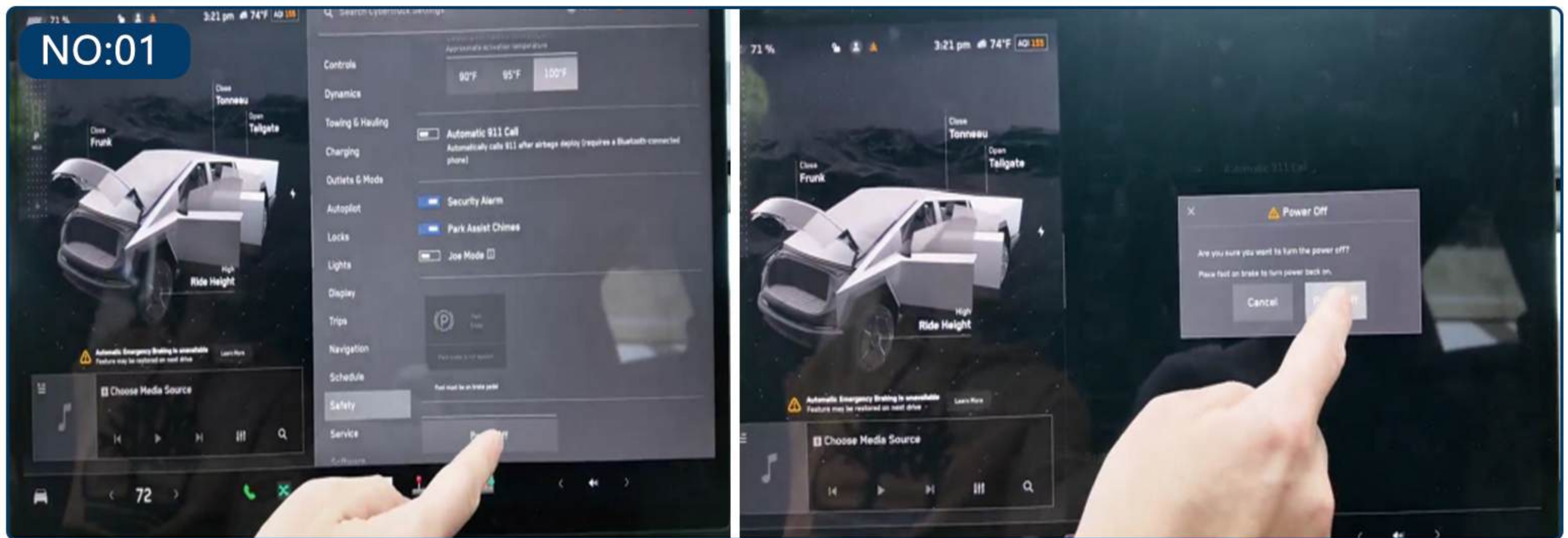
Pedal parts list

Product accessories list								
N O.	Name	Qty	Picture	N O.	Name	Qty	Picture	Category
1	Left panel	1		2	Right panel	1		Pedal accessories
3	Left front bracket	1		4	Right front bracket	1		
5	Left center bracket	1		6	Right rear bracket	1		
7	ECU	1		8	Main Harness	1		
9	Motor Wire	1		10	Terminal Signal Line	1		Cable accessories
11	Power cord fuse	1		12	Nylon Cable Tie	25		
13	U-Shaped Washer	14		14	Round head screw M6*20	12		Installation accessories
15	Countersunk socket head cap screw	6		16	Rubber	30		
17	M8*25 Hexagon head screw	8		18	Iron cylinder	6		
19	shim	8		20	/		/	

Refer to the actual object for the circuit.

Wiring diagram

Cable connection



Wiring

Power line connection position



Unscrew the screw.

Wiring diagram

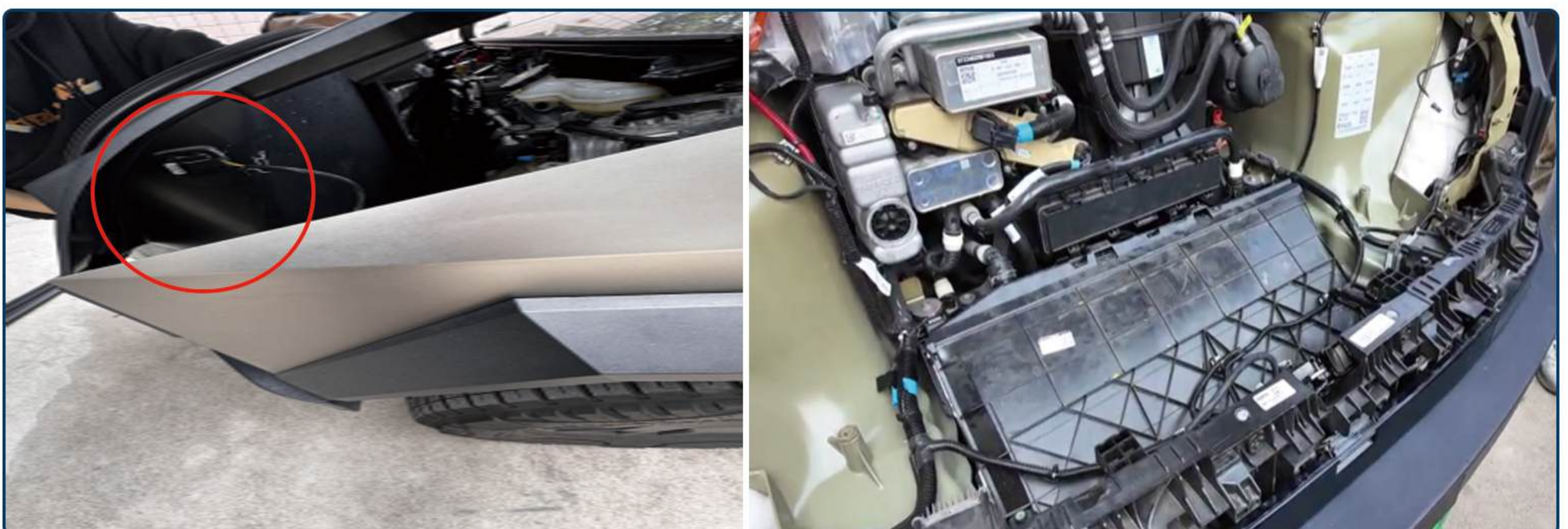
Cable connection



schematic diagram of the position

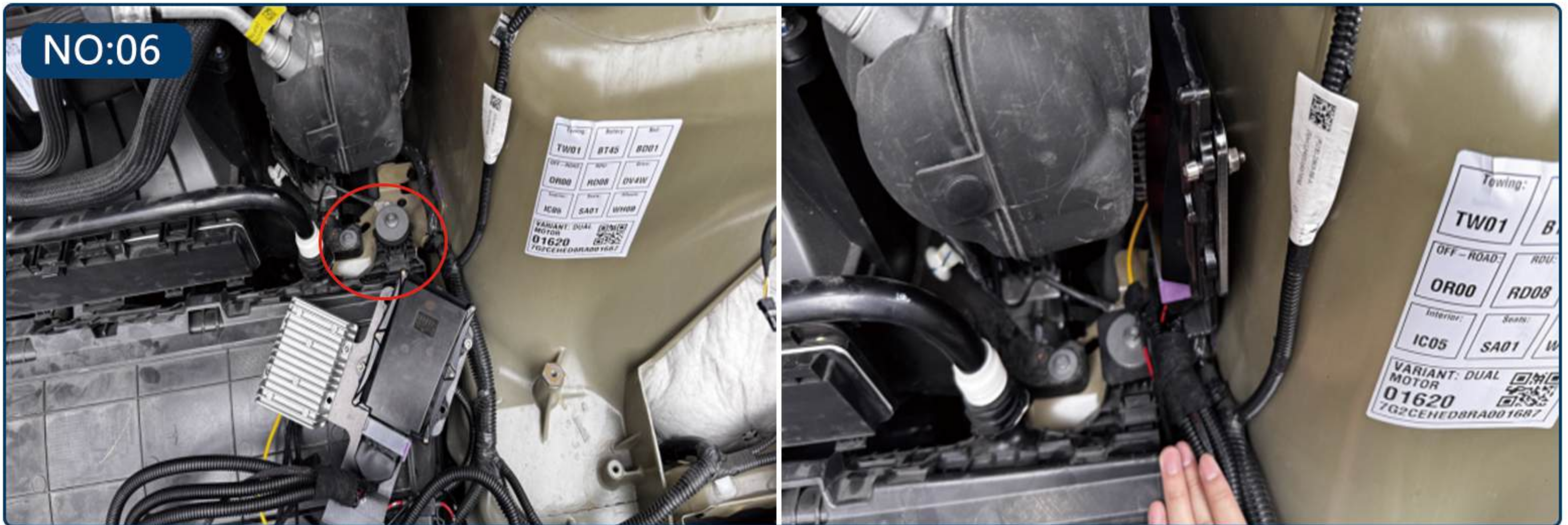


schematic diagram of the position



Unplug the plug.

Wiring



Install the controller



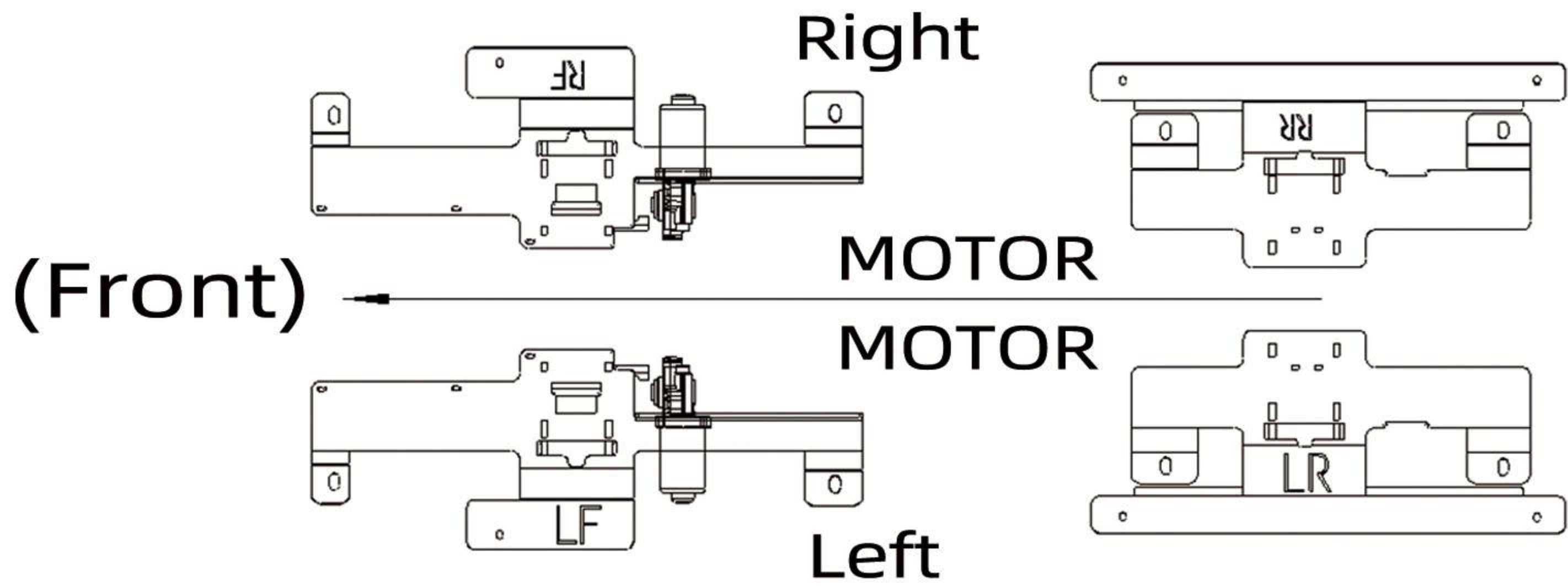
wiring schematic diagram



Pedal installation

(floor plan)

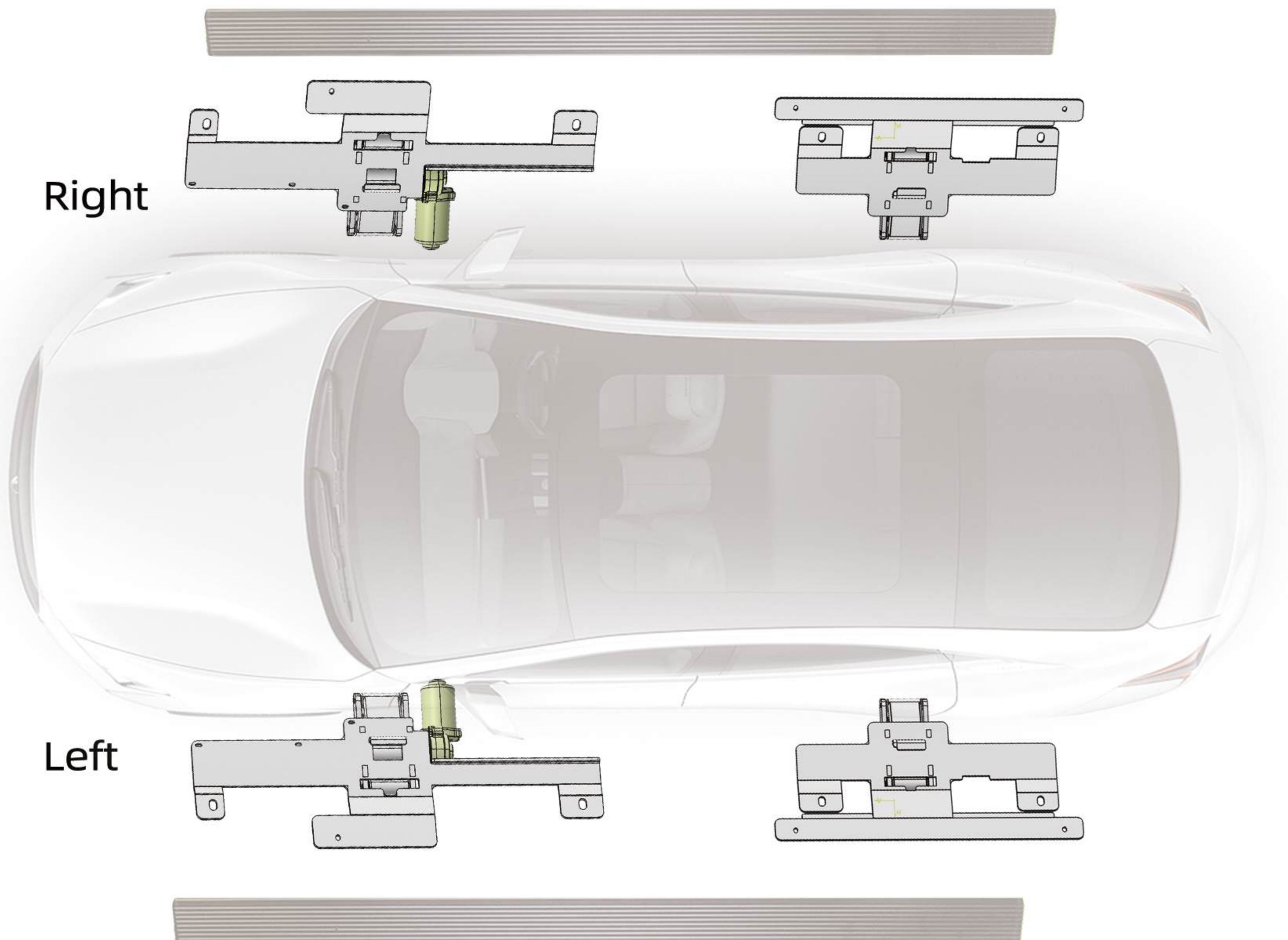
2024 Tesla Cybertruck Installation Instructions



Bracket Installation Position Correspondence:

LF:Left Front Bracket LR:Left Rear Bracket

RF:Right Front Bracket RR:Right Rear Bracket

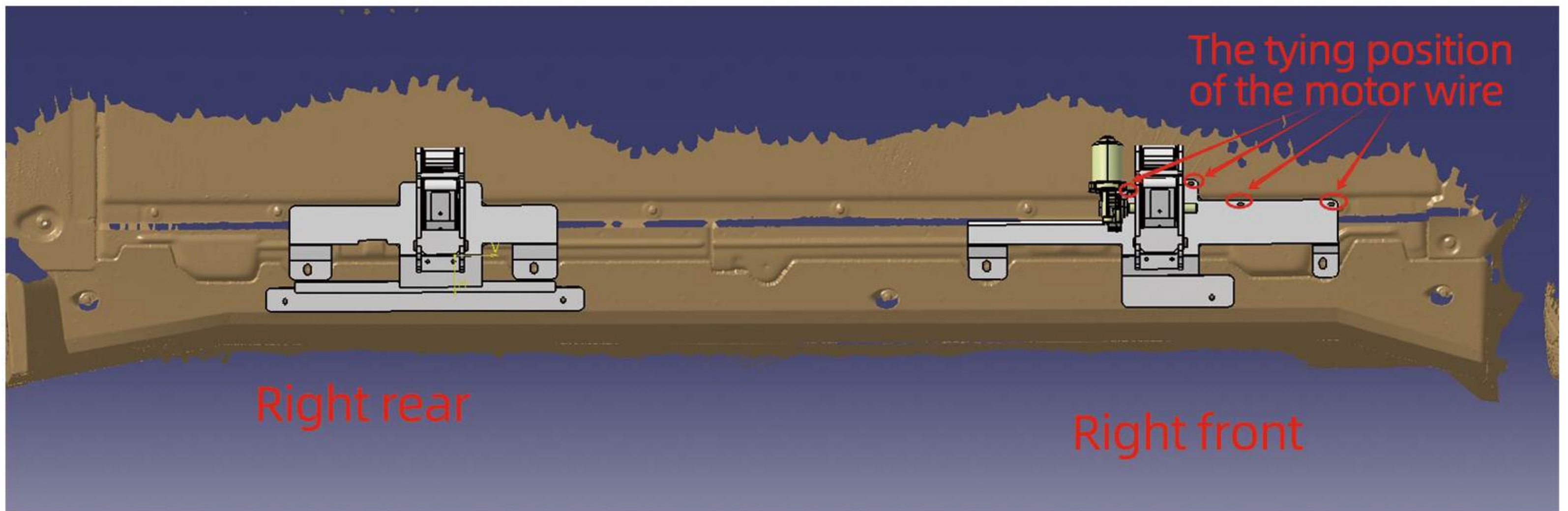




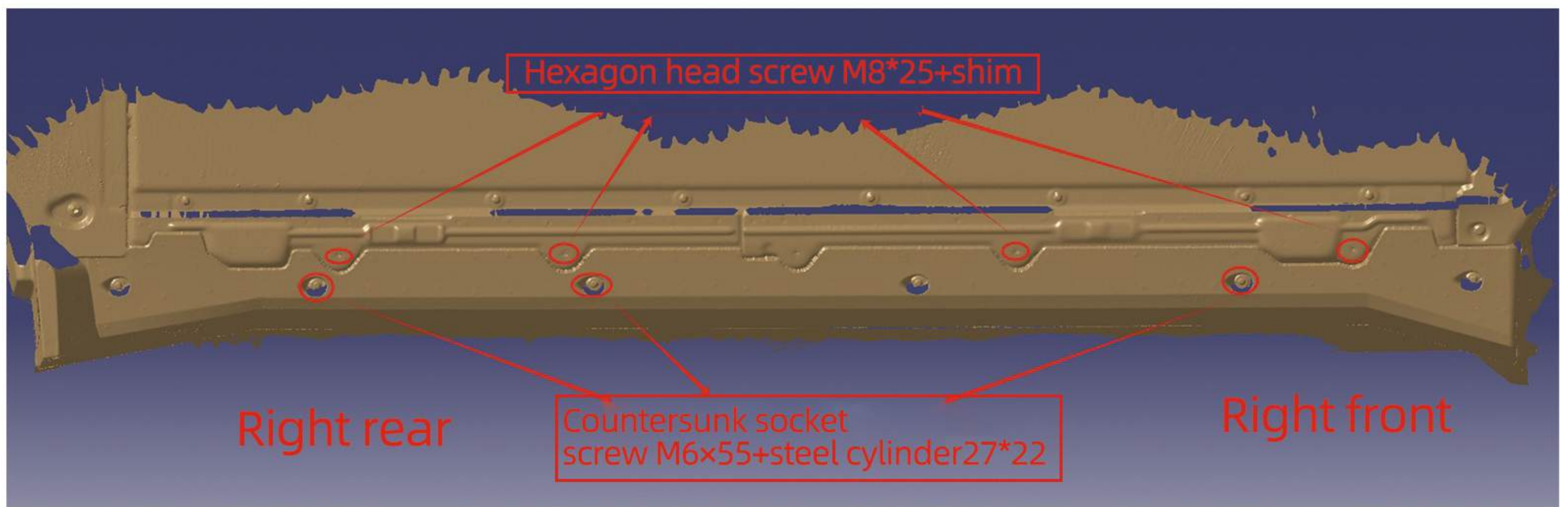
When installing the brackets, an iron cylinder is required to be added to the outer holes. One front bracket and two rear brackets.



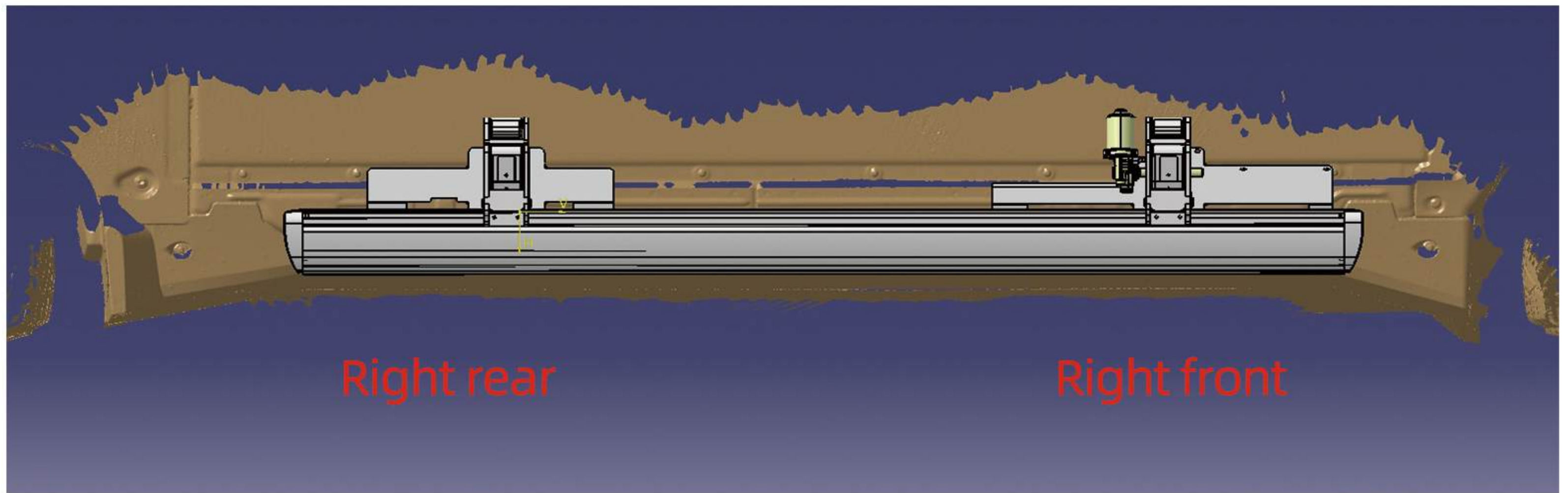
On the front bracket, there are pre - drilled holes for wire - tying. After installation, tie the motor wires to the pre - drilled holes on the bracket.



(Right Side Installation Diagram) Symmetrical Installation on Left and Right.



(Right Side Installation Diagram) Symmetrical Installation on Left and Right.



(Installation Schematic of the Left - hand Panel)

Wiring diagram



Wiring



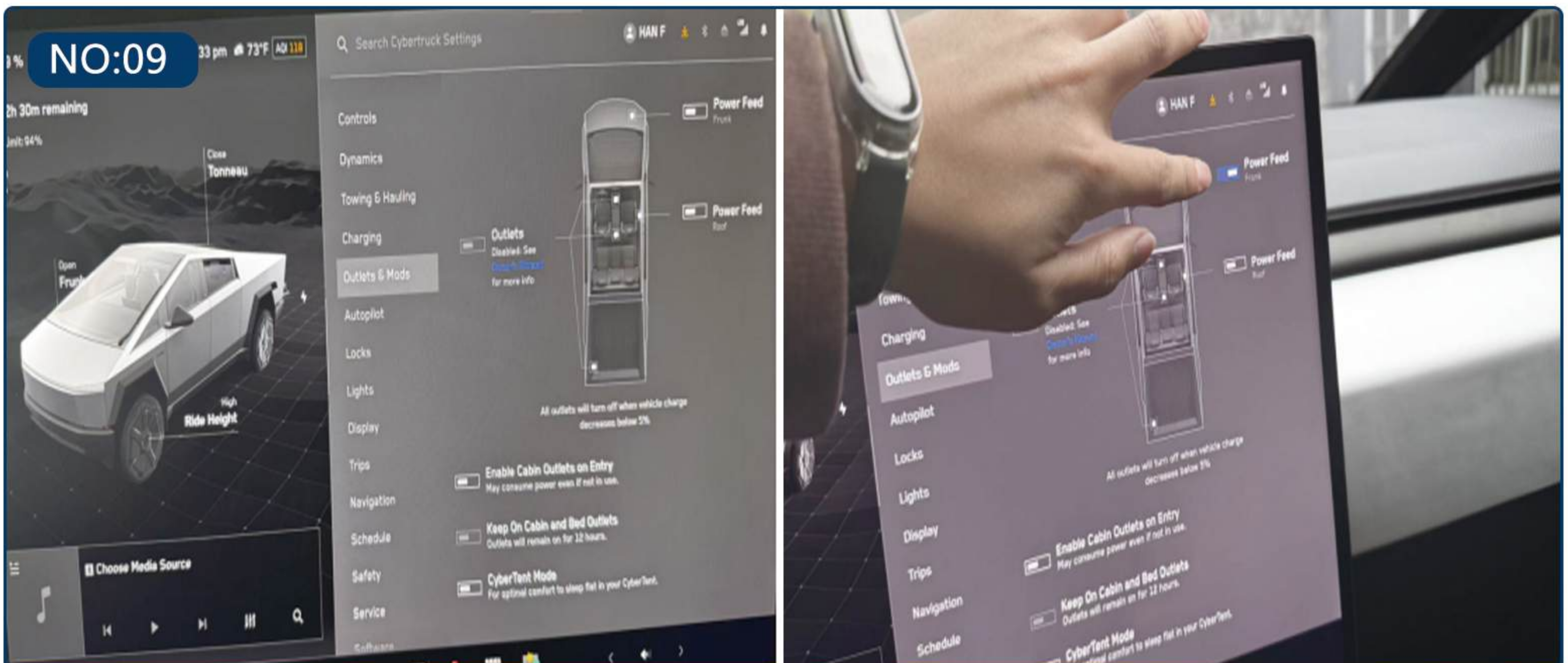
obtain power



Wiring



Connect the red wire to the original car's red and blue wire, and connect the black wire to the original car's blue and brown wire.



Turn on the power

Maintenance and repair

Thank you for choosing the automotive electric pedal products manufactured by Foshan Votai Automotive Products Co., Ltd. To safeguard your rights and ensure safe usage, please carefully read the following disclaimer before installation and use. By installing or using this product, you confirm that you have read, understood, and agreed to all the contents of this disclaimer.

Warranty Terms

1. **Installation and Usage Responsibility:** Users must ensure that the electric pedal is installed correctly as per the product manual, and installation should only be carried out by professionals with appropriate skills. Incorrect installation may lead to malfunction, damage, or safety incidents. Users are solely responsible for any consequences arising from such errors.
2. **Modification and Third-Party Accessories:** Without explicit written permission from Foshan Votai Automotive Products Co., Ltd., any unauthorized modification of the electric pedal or use of non-original accessories may result in abnormal product functions, increased safety hazards, or other damages. In such cases of pedal installation, our company assumes no responsibility.
3. **Following the manual instructions,** we do not accept responsibility for injuries or losses caused by disregarding safety warnings. Regular maintenance checks are advised, and non-factory modifications leading to damage are not covered by warranty.
4. **Be cautious not to come into contact with corrosive liquids.** Please perform regular maintenance on the electric pedal when in use. Neglecting these responsibilities may result in issues that are not covered under warranty.

Troubleshooting

- (1) Check power supply
- (2) Door control signal check
- (3) Mechanical components inspection
- (4) Motor and sensor check
- (5) Control module and circuit check
- (6) Trial operation and reset

Lighting style APP settings

Function Introduction

Smartctr is a user terminal software designed to control electric pedals and retrieve information about them. This software can control the operation of the pedals, set operational parameters and obtain operational information about the pedals.

2-1 Download the App

1. For Android Phones

Users can search for "smartctr" on Google Play and install it.

2. For Apple Phones

Users can search for "smartctr" in the Apple Store and install it.

APP connection pedal operation steps

1. In the installation app market or Appstore, search for the app name SmartrCtr and download and install it.
2. Open SmartCtr to enter the APP interface (default password 123456) Parts List.
3. Click the circular button below to search for pedals.
4. Click on the pedal name that appears above to complete the connection and enter the interface Maintenance and Servicing.

2.2 Main Control Interface

After a successful connection, enter the main interface, which is the main control interface.

1. Status Reminder Introduction

 No door signal received

 Received door signal

 Pedal not locked

 Pedal locked

2. Introduction to control buttons

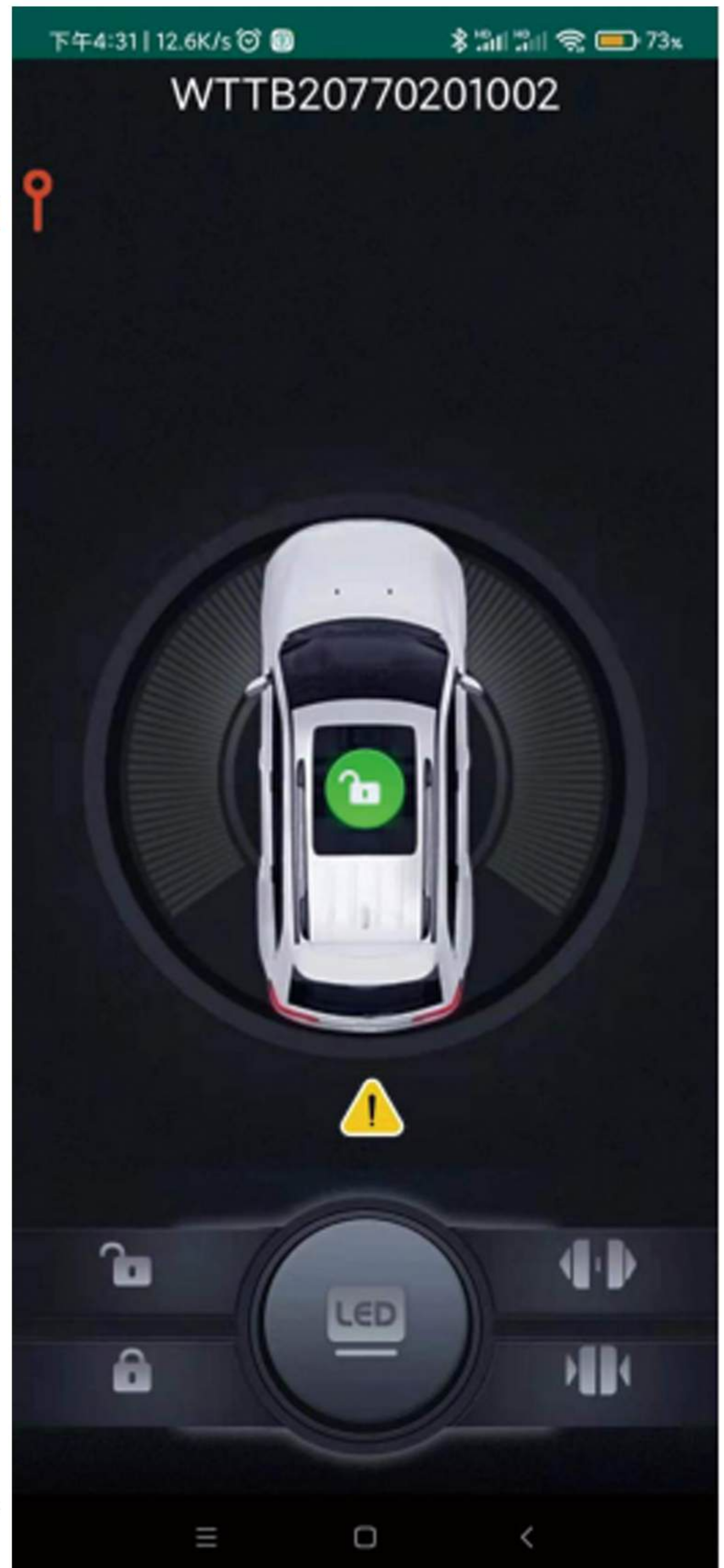
 Pedal open button.

 Pedal close button.

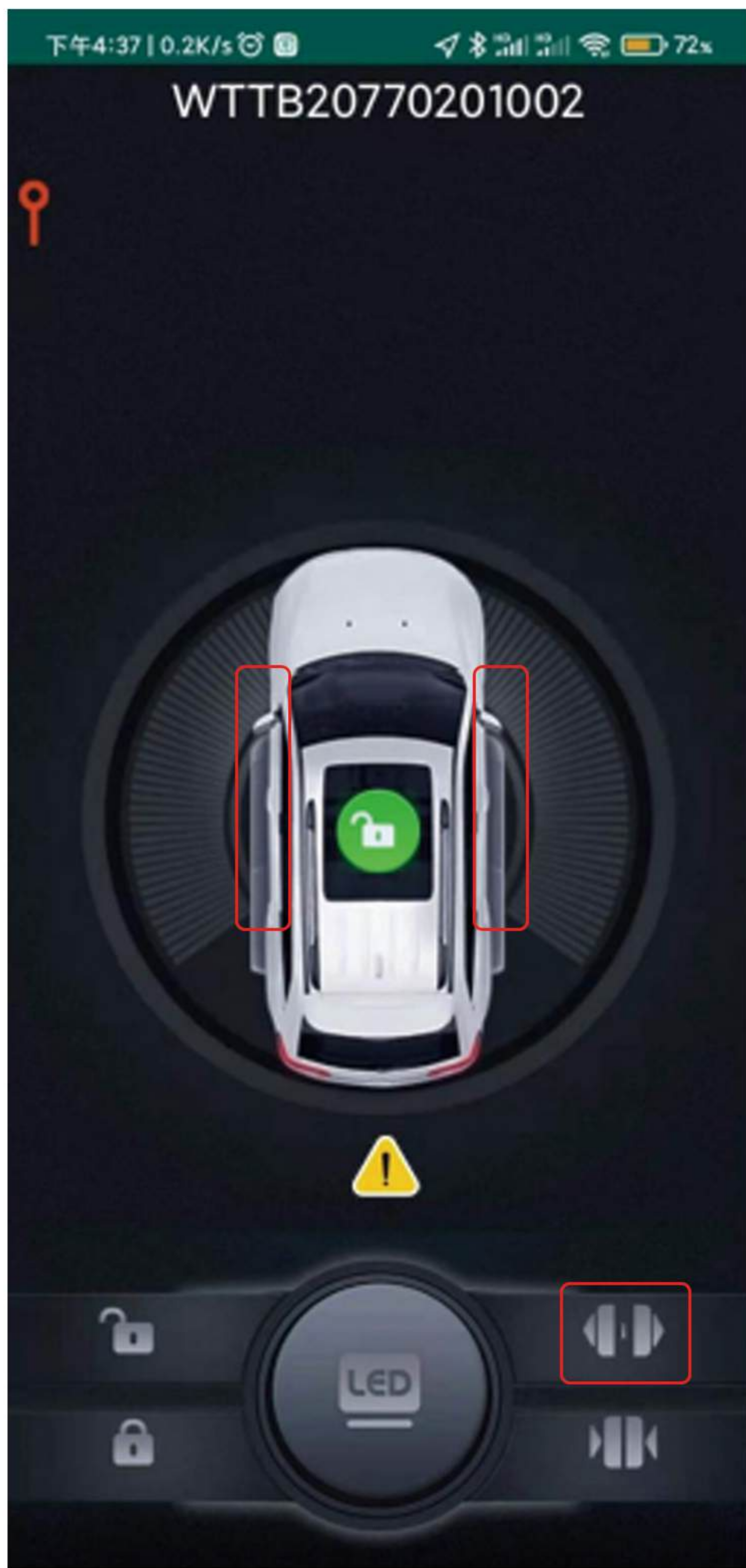
 Pedal unlock button.

 Pedal lock button.

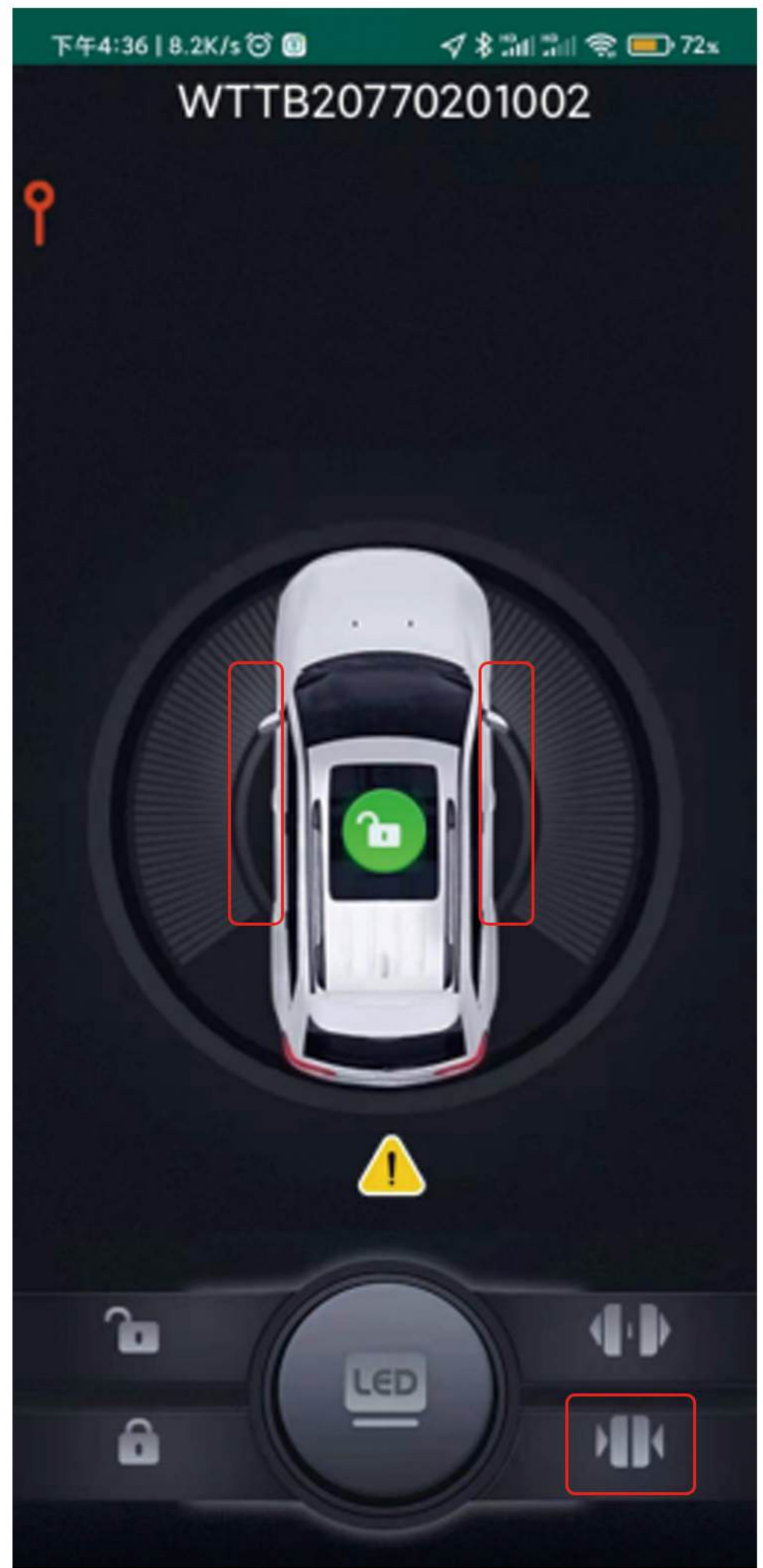
 LED setting button to enter the LED light setting page.




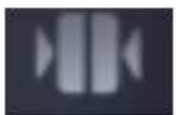
pedal switch



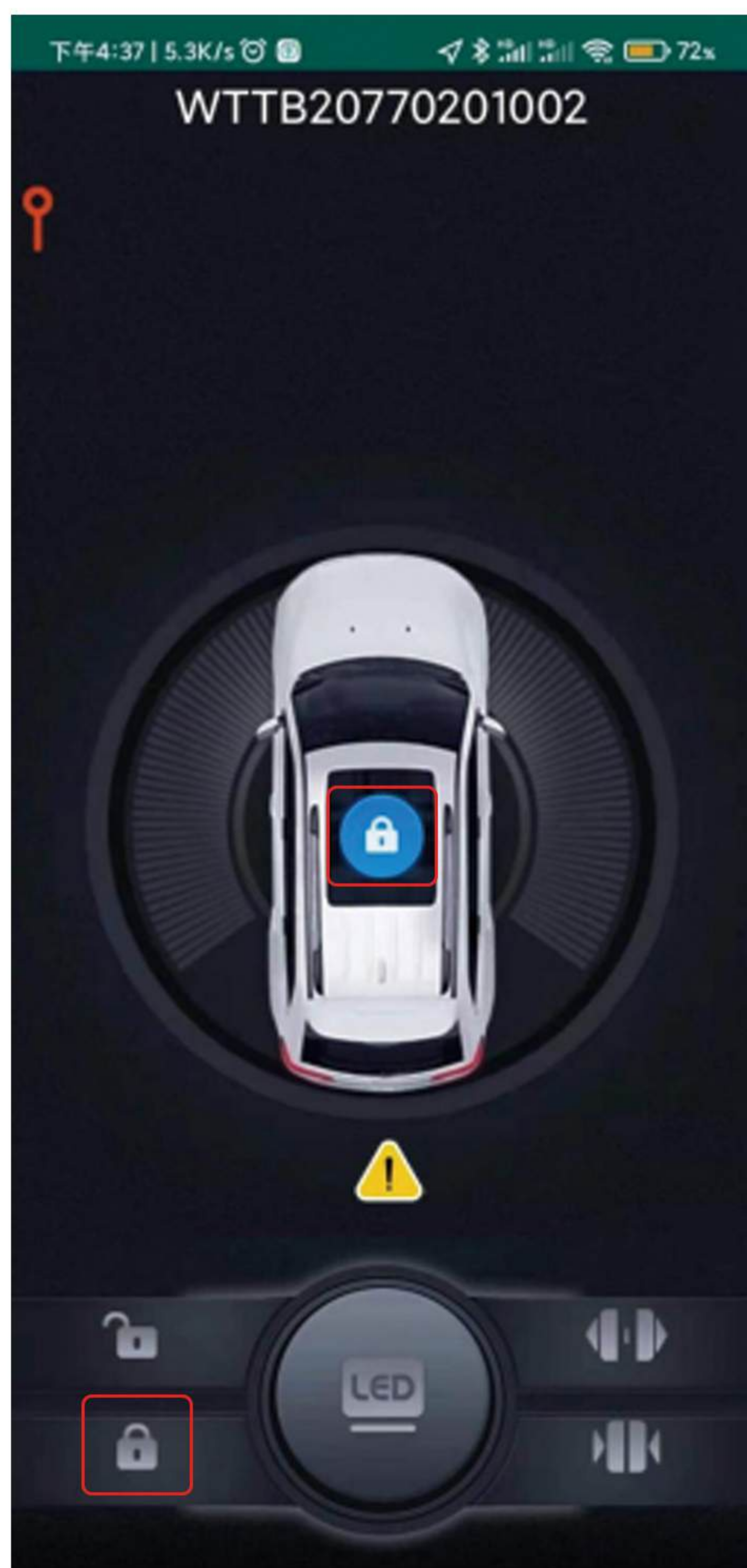
Running board extension



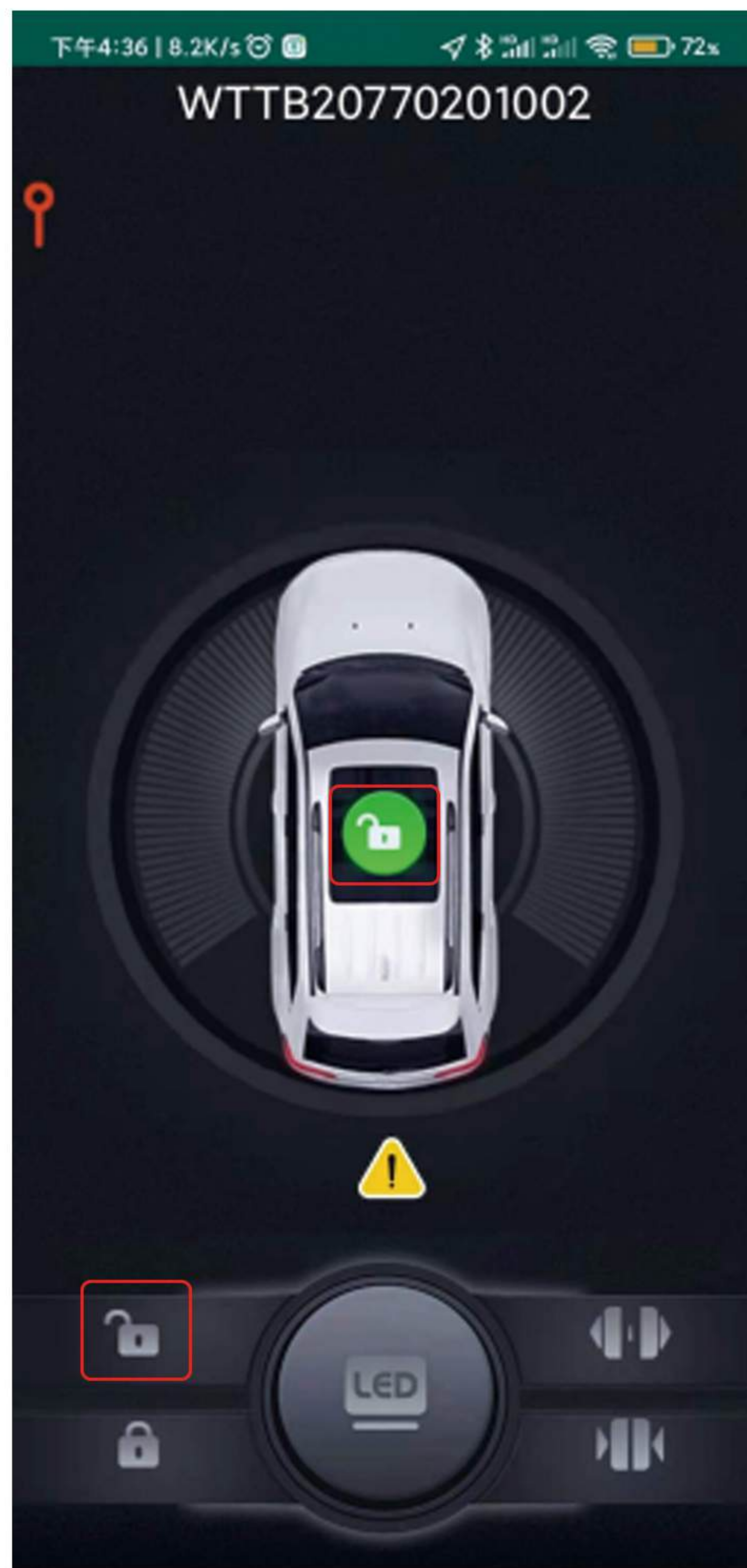
Running board retraction

3、 Electric running board entry and exit control, according to the diagram below  and  icon, You can control the opening and closing of the running board, and at the same time, the real-time status of the running board will be displayed in the middle car image.

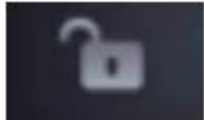

pedal lock



Pedals Locked



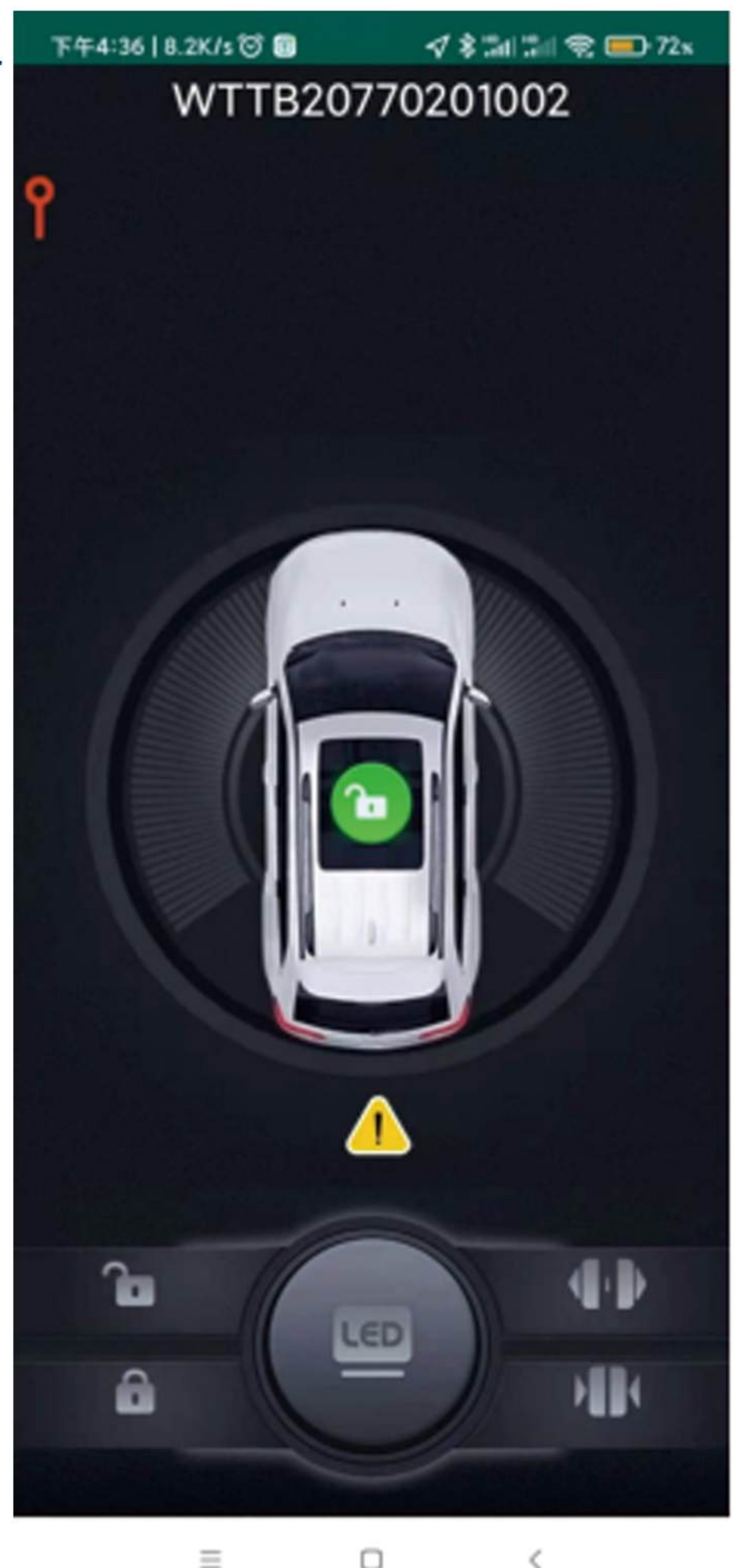
Pedals Unlock

4、 Electric running board lock, according to the bottom left corner of the picture above  and  Keys, It can be controlled to determine whether the running board is locked, and the real-time status of the locking of the running board will be displayed in the image in the upper right corner.

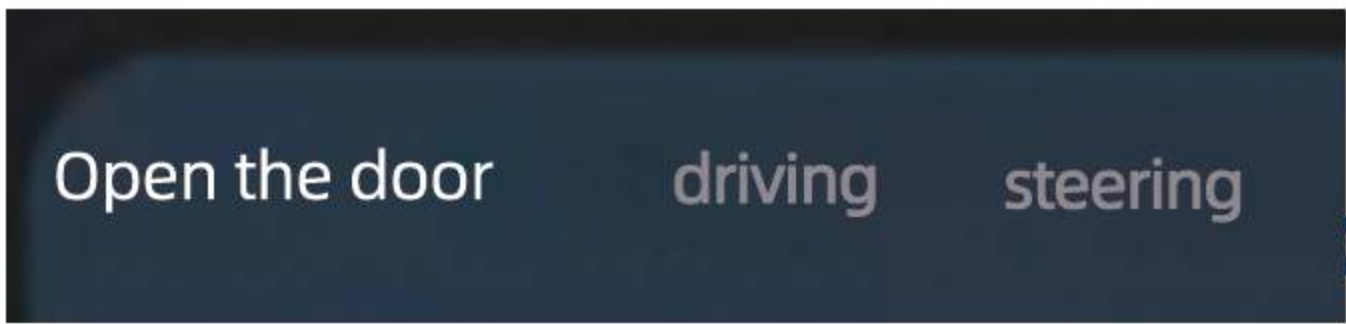
color mode

click  button Enter the LED light mode settings page and you can enter the following different modes:

1. Color tray fully lit: The selected color in the bright color tray.
2. Three color jump: red, green, and blue jump.
3. Three color flash: red, green, blue flash.
4. Seven color jump: red, green, blue, white, green, yellow, purple jump.
5. Seven color gradient: Red, green, blue, white, green, yellow, and purple slowly changing.
6. Three color gradient: red, green, and blue.
7. slowly changing
8. Seven color breathing: alternating breathing.
9. of red, green, blue, white, green, yellow, and purple.



Color mode



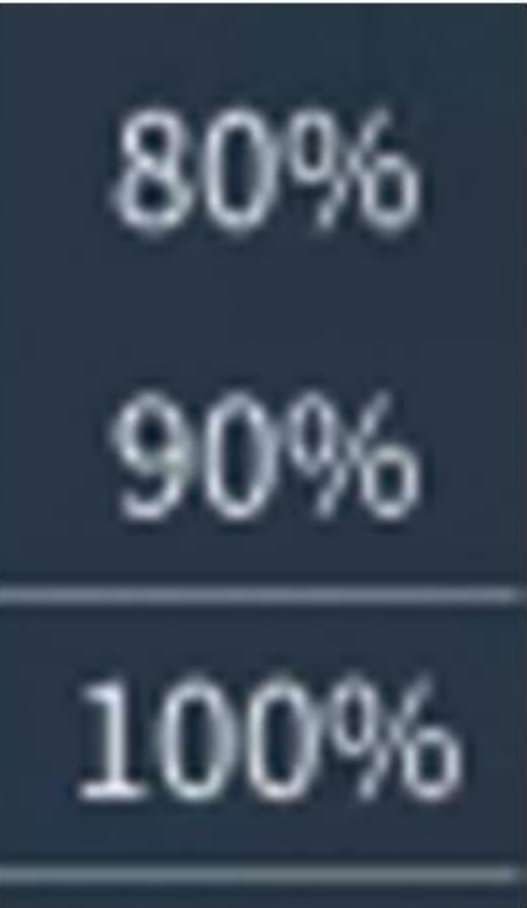
Choose different LED light variation styles.



Color tray, click to select color.

- Put out
- full color wheel
- color wheel strobing
- color wheel with 3-point rotation

Mode selection, swipe up and down to select lighting mode.



Brightness selection, swipe up and down to select brightness.

