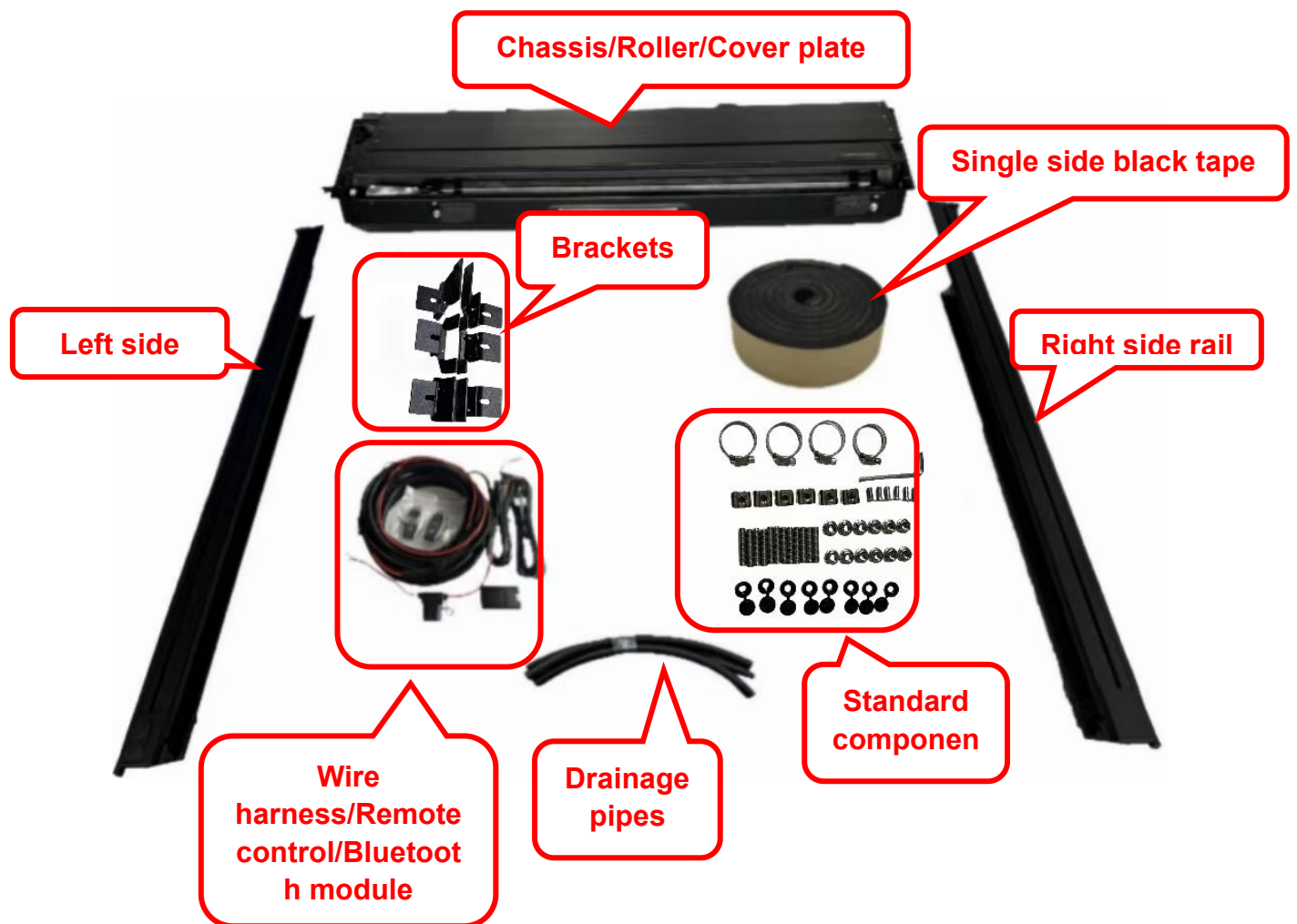


Power Roller Cover For Ford Ranger 2023(Crew Cabs)

- ◆ All the pictures in this instructions are for reference only, the pictures and the real thing may be different, but the installation method is the same.
- ◆ For easy installation, please read the installation instructions of this product carefully before installation.
- ◆ During installation, please pay attention to protect the surface of the car to avoid scratching.

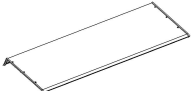
PARTS LIST

No.	Parts	No.	Parts	No.	Parts
1		2		3	
	Chassis and roller shutter		Side rail (left and right)		Aluminum cover
3		4		6	
	Installing brackets bag		Accessories bag		Wire harness bag

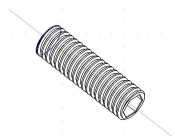
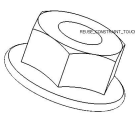
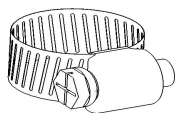
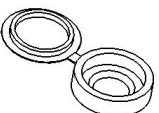
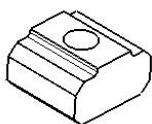
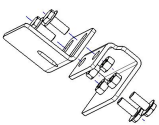
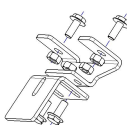
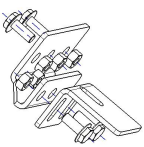
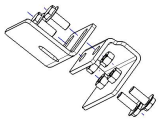


Attention: Before installation, please confirm whether the physical accessories match the list.

Component section

No.	Parts	No.	Parts	No.	Parts
1		2		3	
4		5		6	

Accessories

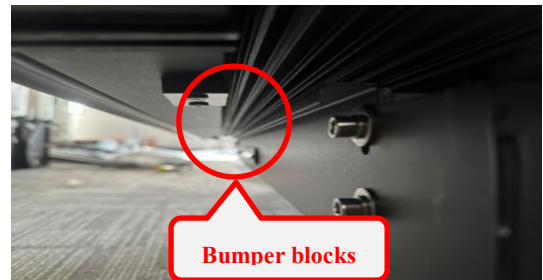
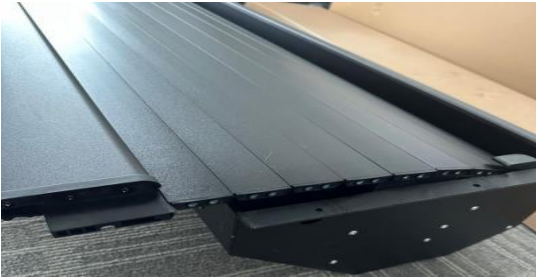
No.	Parts	No.	Parts	No.	Parts
1		2		3	
	screw (SUS201) M06*30×12		Hexagonal flange face nut(SUS201)M6×12		PP bellows (600mm) ×2
4		5		6	
	Throat cuffs ×2		Cross groove countersunk screws (SUS304) Head diameter φ 8.0 Head thickness 1.70M5*12 ecru ×6		PP bellows (φ 20*600mm) ×2
7		8		9	
	Throat cuffs (φ 16-27) ×2		M5Screw lid Plug round head (black) ×8		Small card blocks W00778(45#Steel nickel plated) ×6
10		11		12	
	Medium bracket ×2		Rear bracket ×2		Front bracket (left)
13					
	Front bracket (right)				

Installation steps (illustrated for reference only)

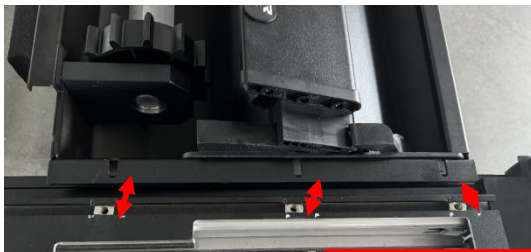
1. Open the packaging and take out all the accessories.



2. Pull the roller shutter out of the chassis at an appropriate distance, making sure the bumper must be outside the chassis.

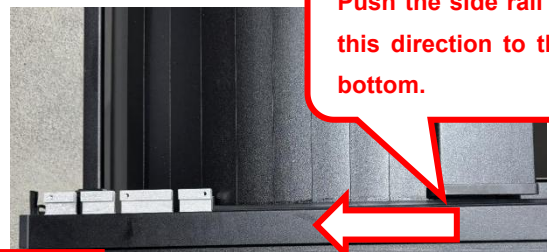


3. Assemble the various components of the power roller cover in order.

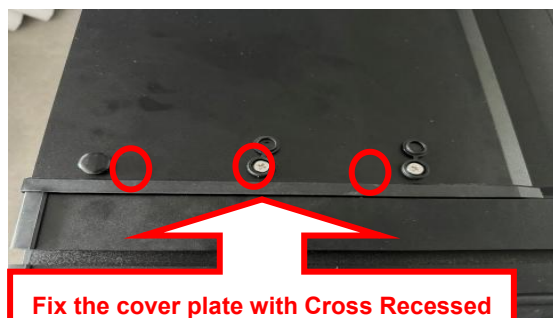
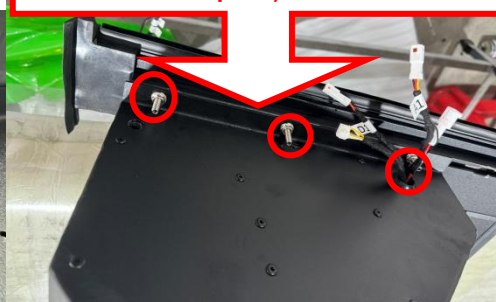


As shown in the figure, the side rail are concentric with the holes in the chassis.

Fix the slot frame with screws M6*30 and hexagonal flange nuts M6 (do not tighten, leave some margin to adjust the cover plate) six in total.



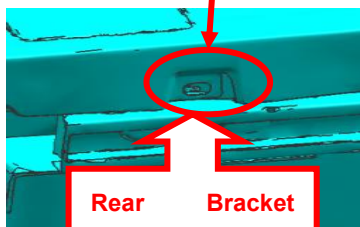
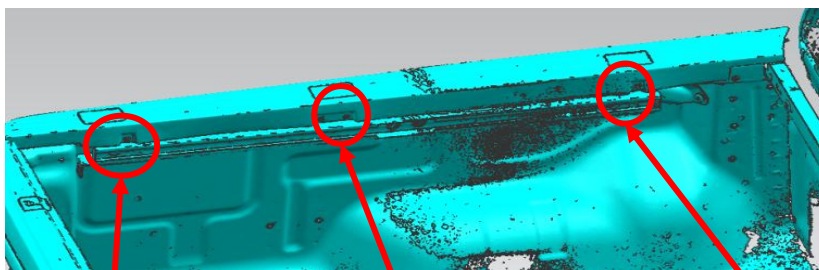
Install the cover plate, as shown, the cover plate are concentric with the holes of the side rail.



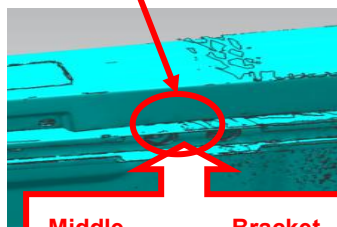
Fix the cover plate with Cross Recessed Countersunk Screws M5*12 for screw caps and then secure the side rail.



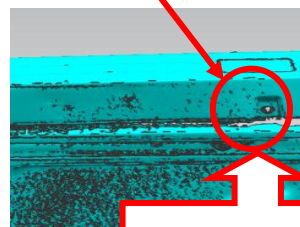
4. Install the loading bracket.



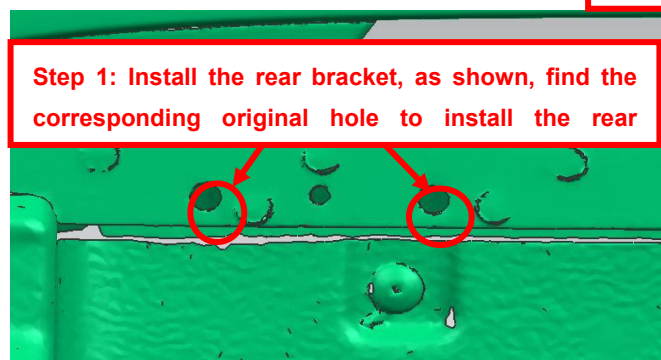
Rear Bracket Mounting



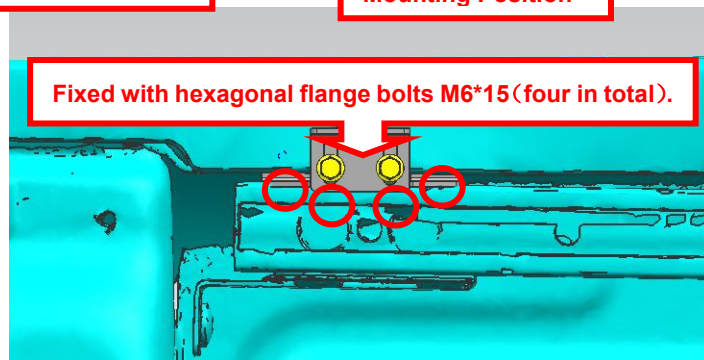
Middle Bracket Mounting Position



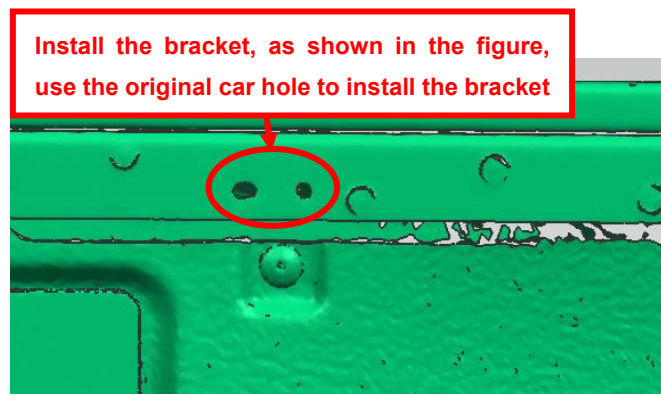
Front Bracket Mounting Position



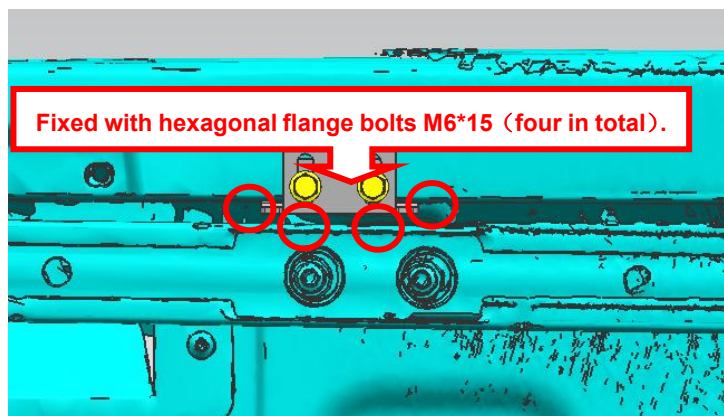
Step 1: Install the rear bracket, as shown, find the corresponding original hole to install the rear



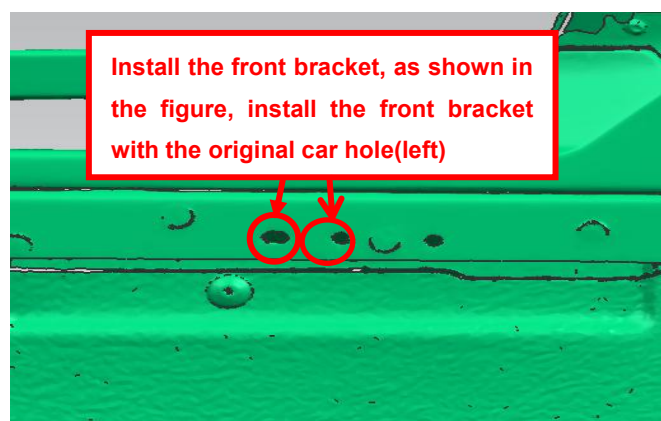
Fixed with hexagonal flange bolts M6*15 (four in total).



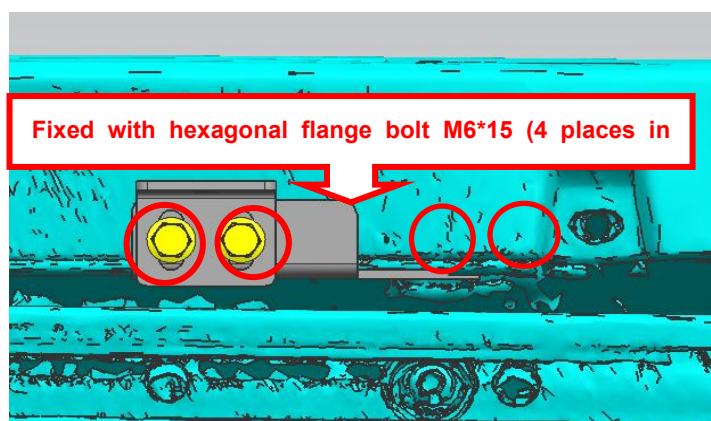
Install the bracket, as shown in the figure, use the original car hole to install the bracket



Fixed with hexagonal flange bolts M6*15 (four in total).



Install the front bracket, as shown in the figure, install the front bracket with the original car hole(left)



Fixed with hexagonal flange bolt M6*15 (4 places in

5. Power roller cover Wire harness installation.

Step 1: open the wire harness.

Main wire harness

Remote control X2

Signal harness D2, after this wire is connected, press the original car key lock button, then the manual switch button controls the harness to cut off power, switch button can not be used; press the key unlock button can be used. (Note: Bluetooth and remote control are not affected by signal harness and function normally after power failure)

Fuse

Blueto

Cab switch wire harness C2: When this wire is connected, the roller cover can be controlled from the cab with the switch button.

Step2: Locate the signal harness (D2), open the cab, push down the rear seat, and use the tool to open the buckle on the left side (near the back of the car).

Find the circular hole and use the signal harness (D2) to thread it through the hole.

Signal harness

The other end of the signal harness runs along the rear seat to the right.

Purple wire

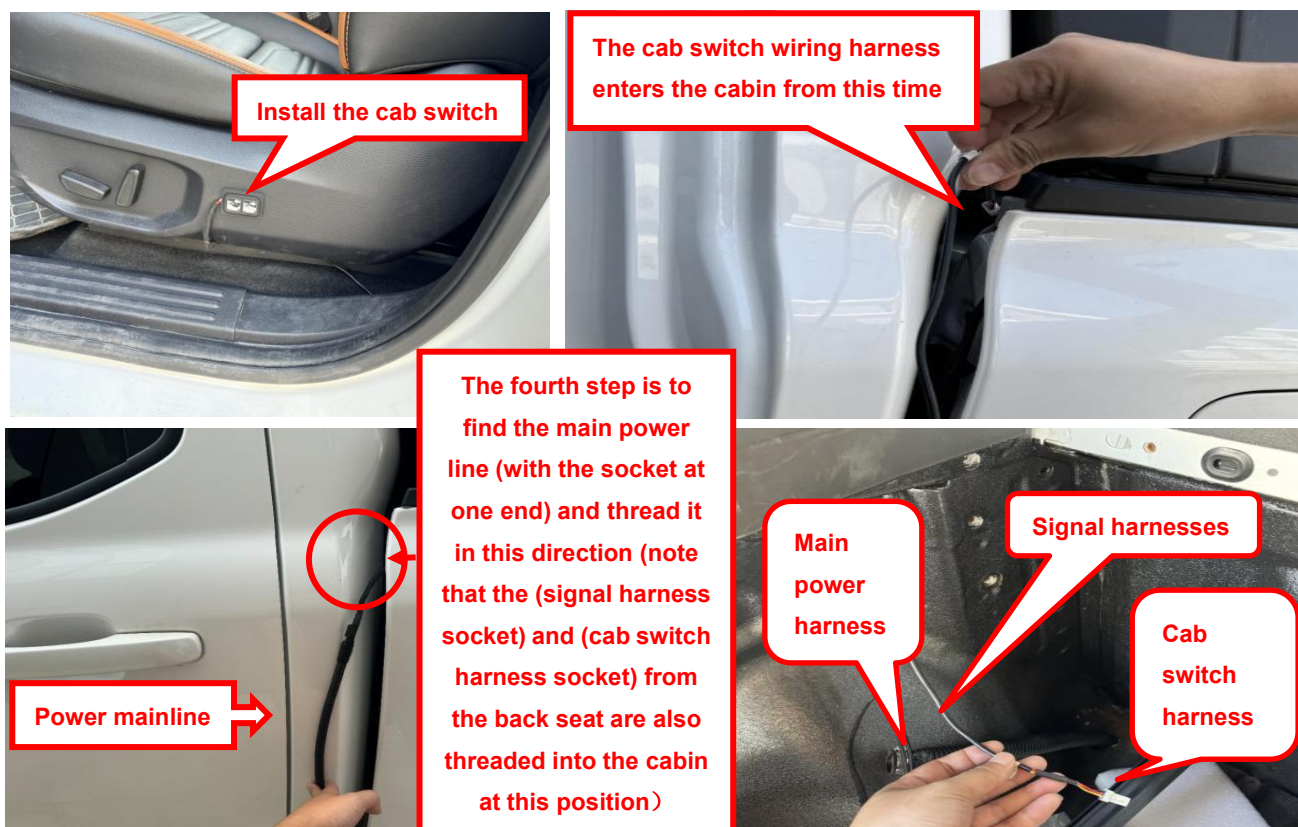
Yellow and red wire

As shown in the figure, connect the two wires to the other end of the signal harness (Note: The L wire is connected to the purple wire, the R wire is connected to the yellow and red wires).

The third step is the installation of the cab switch harness

Find the cab switch harness, thread the (B2) plug and signal harness along this round hole, and route the (C1) socket to the main driver's seat to install the switch button

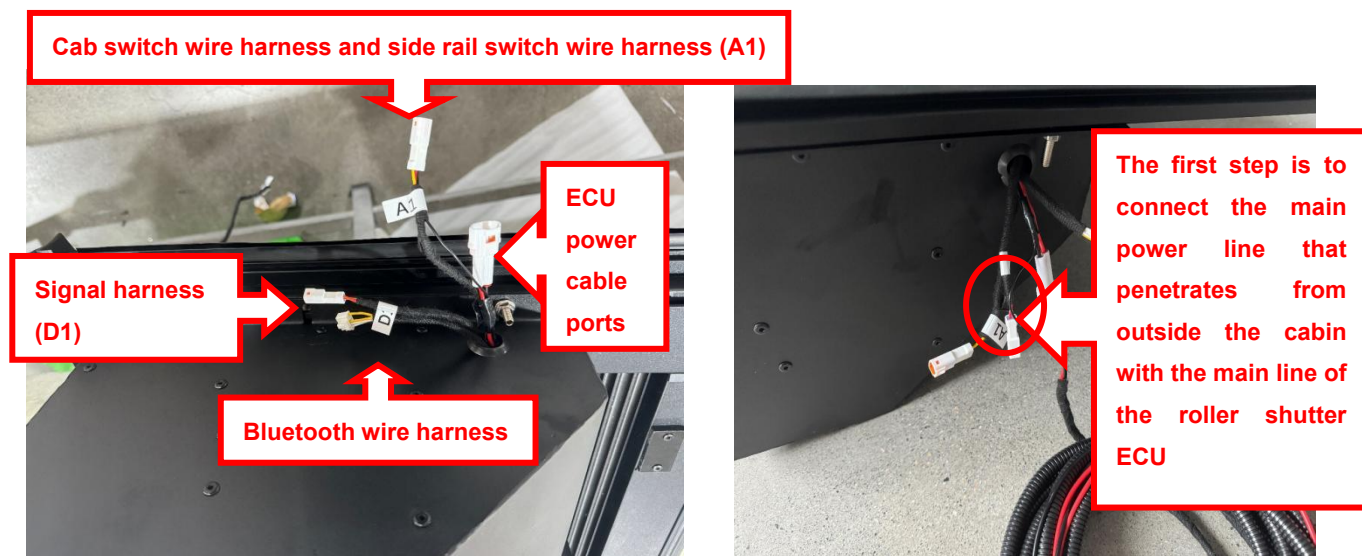
The cab switch harness (C1) socket is routed along this line to the main driver's seat

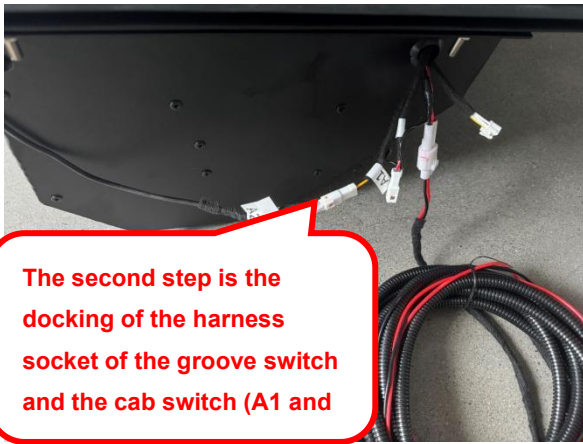


- Place the assembled power roller cover close to the inside of the carriage, measure the front and back spacing of the left and right side rail with a ruler to ensure that the roller cover is placed in the middle of the carriage, and the spacing is required to be consistent.

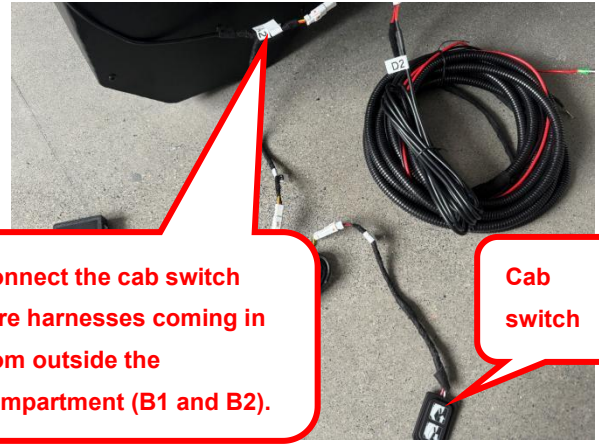


- Connect the power roller cover wire harness.



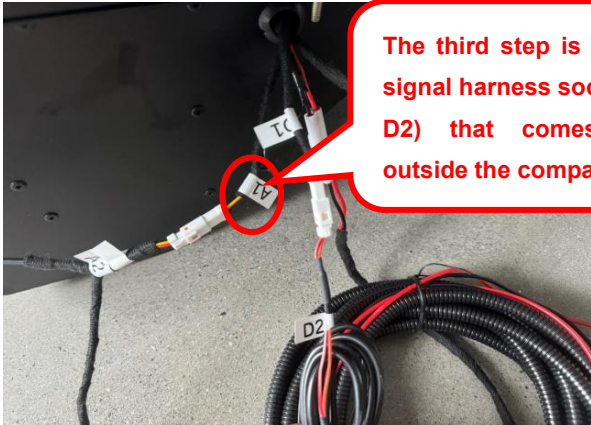


The second step is the docking of the harness socket of the groove switch and the cab switch (A1 and

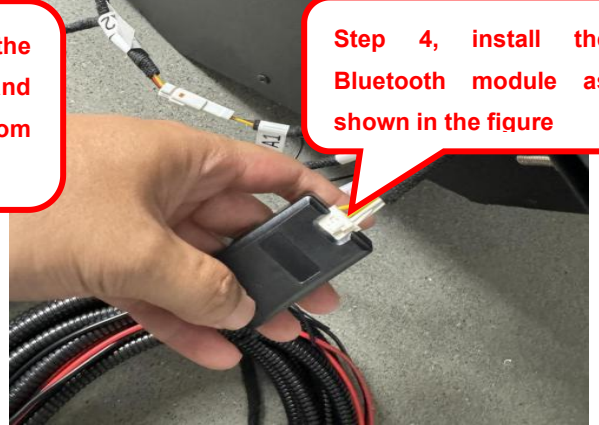


Connect the cab switch wire harnesses coming in from outside the compartment (B1 and B2).

Cab switch



The third step is to dock the signal harness socket (D1 and D2) that comes in from outside the compartment



Step 4, install the Bluetooth module as shown in the figure

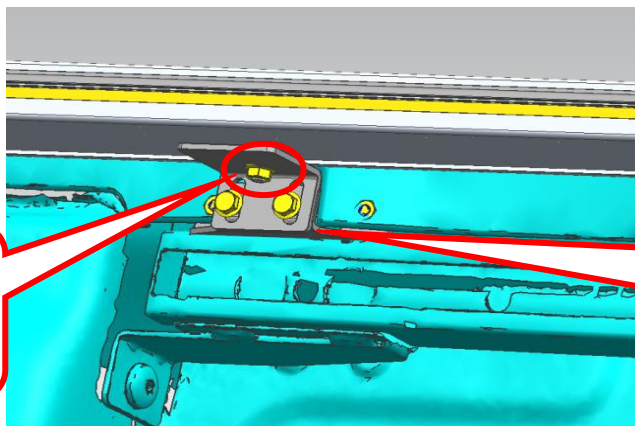
8. Install screw M6*30 by sliding small clamp with appropriate spacing.

Small block (the number of small block in the two side rail is the same).



Place the small block through this hole.

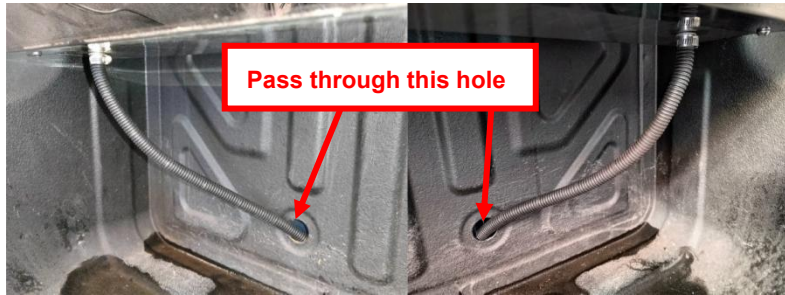
9. At the corresponding position of the support, use hexagonal flange nuts to fix the support and the side rail. (Note: The contact surface of the support and the side rail should be affixed flush)



With hexagonal flange nut M6 fixed, attention, no gap (a total of 4).

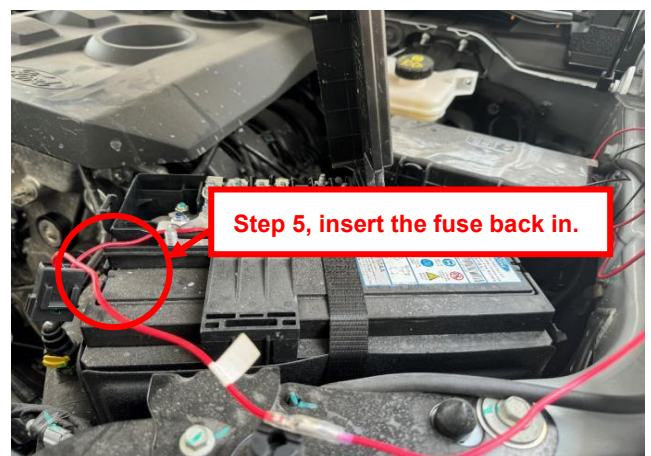
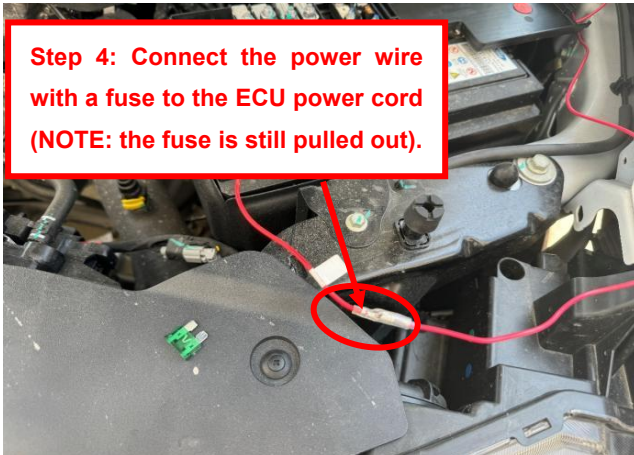
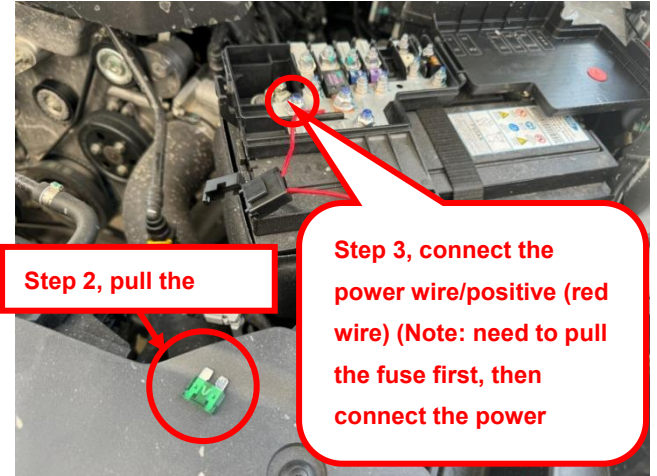
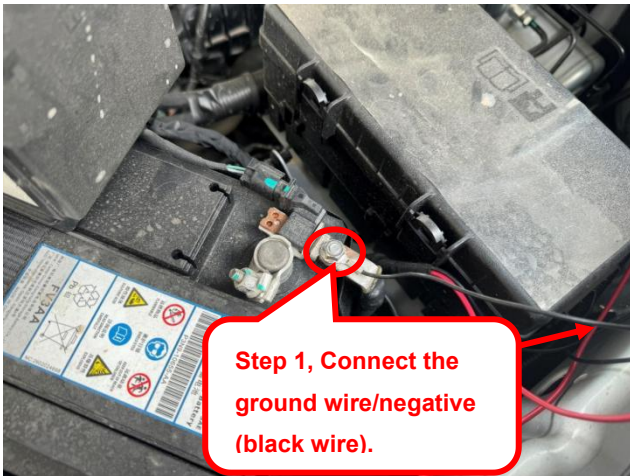
If there is a gap, you can adjust the bracket until it is level.

10. Water pipe layout, guide to the outside of the car.



11. Open the hood, find the batter, connect the ground wire (negative) and power wire (positive)

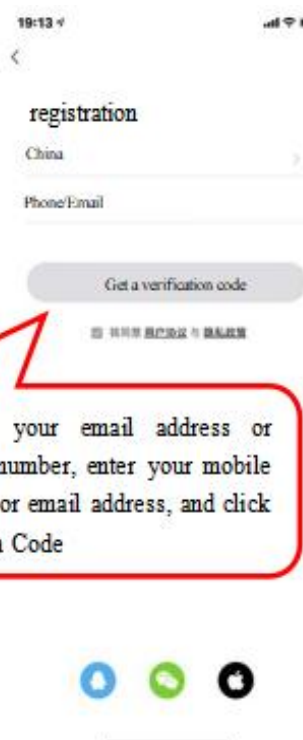
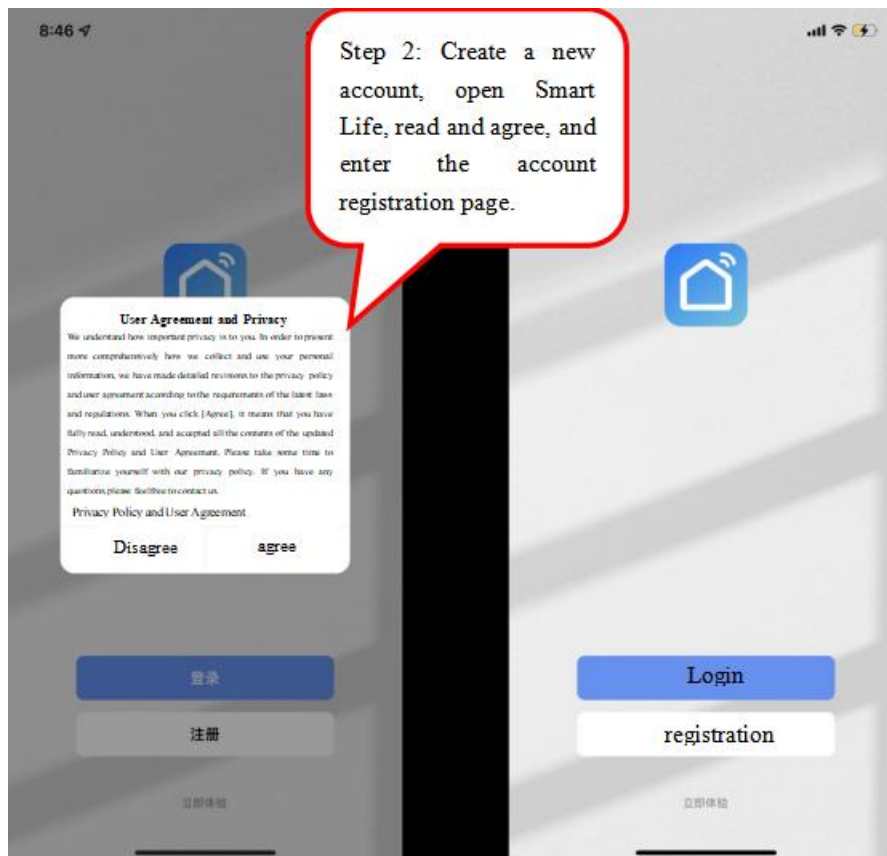
NOTE: Connect the ground wire(black wire) first and then the power wire(red wire).



12. Remote control the power roller cover switch several times, If no exception occurs, the installation is complete (Note: The power roller cover has an intelligent learning process, and the initial installation needs to be switched on and off several times, and the end buffer and anti-pinch function can be used).

13. Mobile phone Bluetooth module connection.





Register with your email address or mobile phone number, enter your mobile phone number or email address, and click Get Verification Code



After entering the received verification code, you will be redirected to the password setting page, set the password according to the prompts, and click Finish to complete the registration.

Login

Please enter the account number

Password

Log in to the Privacy Policy, User Agreement, Children's Privacy Protection
Statement, Third-Party Information Sharing, and SDK Service List.

Login

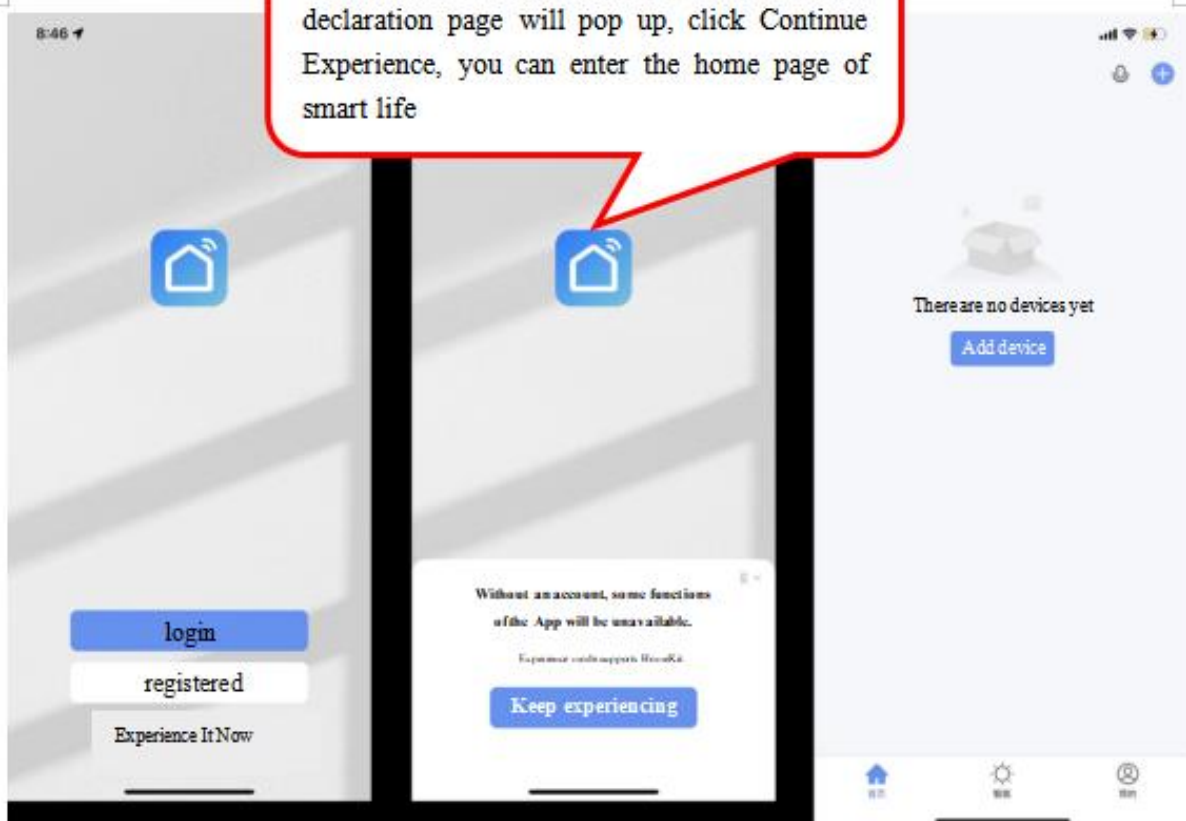
Forgot password

Step 3: Log in to your account, enter the mobile phone number or email address you used for registration, and enter the password to log in to the Smart Life APP.

Third-party social account login: If your mobile phone has installed WeChat or QQ, you can log in through the authorization page, and if you are using iOS, you can also use Apple ID to log in.



"Experience mode", click Experience It Now, a declaration page will pop up, click Continue Experience, you can enter the home page of smart life

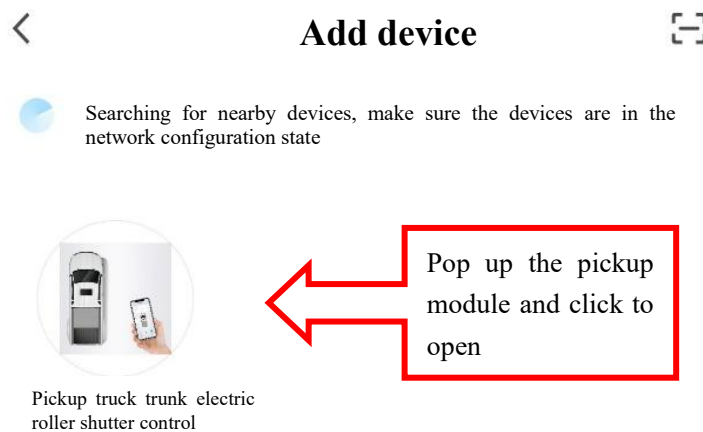




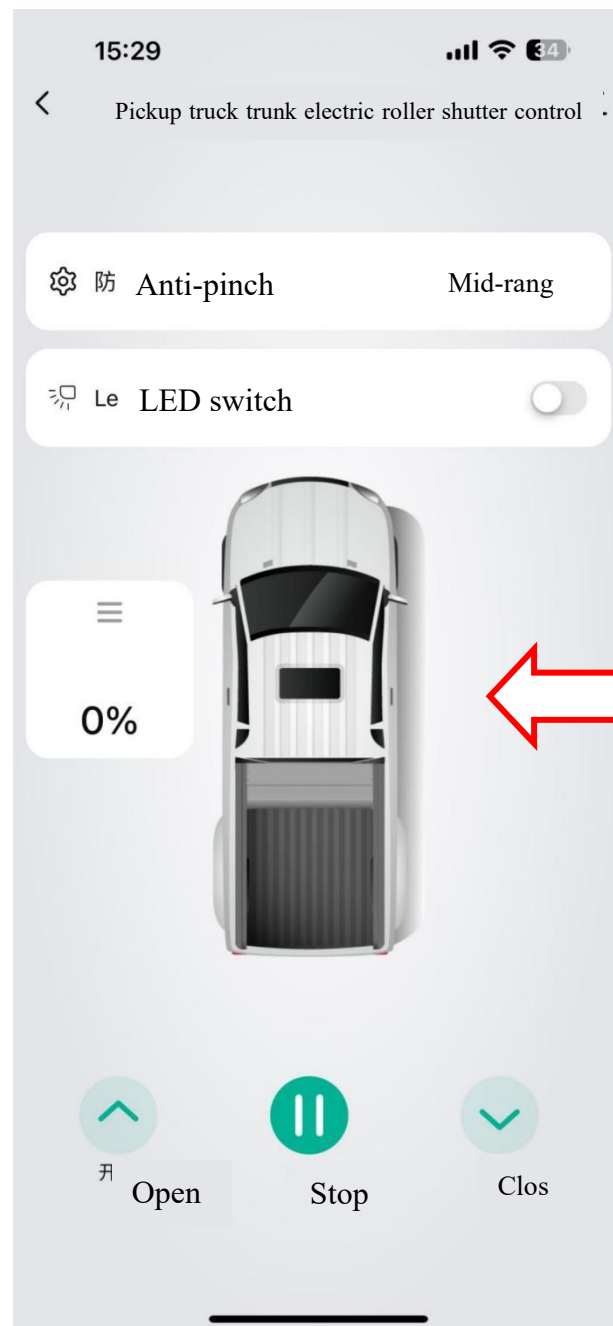
Step 4: Press and hold the remote unlock button for 15 seconds to turn on the Bluetooth of your phone



Step 5: Click "Add Device" (Note: If the pickup image page does not pop up after 3 minutes, please close the APP and reopen it.)



Pop up the pickup module and click to open



As shown in the figure page, the Bluetooth connection of the mobile phone is successful

Note that if you change your phone to connect to Bluetooth, you need to press and hold the unlock button of the remote control for 15 seconds, turn on the Bluetooth of the mobile phone, enter the smart life, click to add a device, click the pickup module, enter the interface on the left, and the connection is

Power Roller Cover function description

1. The power roller cover has intelligent learning function, which will automatically learn to identify its motion stroke after the initial installation and power outage restart.
2. Power roller cover with intelligent anti-clip function, when there are obstacles to block the operation of the power roller cover, the electric roller cover will be triggered by the anti-clamping function after a certain degree of strength.
3. When the power roller cover is opened, the LED light will automatically light up and be extinguished after 60s; When the power roller cover is closed, the LED light will be automatically extinguished.

Power Roller Cover use instructions

1. Press the remote control open button, the power roller cover opens. During the operation of the roller cover, you can stop it at any time by pressing any remote control button. And no matter which position it is in (non-starting position), press the corresponding key of the remote control to perform the corresponding operation.

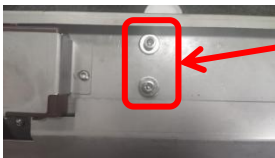


2. Press the remote control close button, the power roller cover close. During the operation of the roller cover, you can stop it at any time by pressing any remote control button. And no matter which position it is in (non-starting position), press the corresponding key of the remote control to perform the corresponding operation.



Exception handling and precautions

1. If it is determined that the motor problem causes the power roller cover to be unable to be used in the later use, the following screws can be loosened to lower the motor, and then the curtain can be temporarily manually switched to wait for the replacement of the motor.



2. When the power roller cover is not fully opened or closed, first check whether the battery is losing power, then check whether the side rail and the chassis are shielded by foreign bodies, and finally grease the side rail, and open the cover plate to grease the inner spiral groove of the chassis, the power roller cover runs back and forth several times, so that the lubrication is sufficient, and the abnormal problem can be solved.



3. Please maintain and lubricate the moving parts regularly and check whether all the parts connected with the car are loose to ensure the safety of use.
4. The extreme low temperature weather causes the power roller cover to freeze and then cannot be used.
5. Heavy rain weather or water pipe blockage will cause the power roller cover drainage water leakage, so it is recommended to park the car indoors in bad weather and regularly check whether the water pipe is blocked.
6. When loading goods into the carriage, be careful not to break the chassis of the power roller cover.