

# Parts List

## Parts list diagram



①	Electric handle (four doors)	③	Main control box power harness
②	Main control box		

### 1. Tools required for installation

T30, T20, 10mm socket, 13mm socket, 8mm socket, Plastic tools, Threading tape, Post, Ratchet wrench, Small slotted knife

### 2. Installation Precautions

There are many disassembly accessories to install this product. Please watch the installation video before proceeding.

Tip : For faster installation, be sure to read these instructions carefully.

## Model 3/Y/Highland Smart Electric Door Handle V6 - Product Highlights



Lossless installation

Touch popup

Save time during installation

Light multi-color switching

Special car (waterproof)

Unlock popup

Colorful welcome

Industrial design integrated assembly

**Year: 21+ Model 3, 21+ Model Y, Model 3 Highland**  
**Name: Colorful wireless electric door handle ( V6 )**

### Features

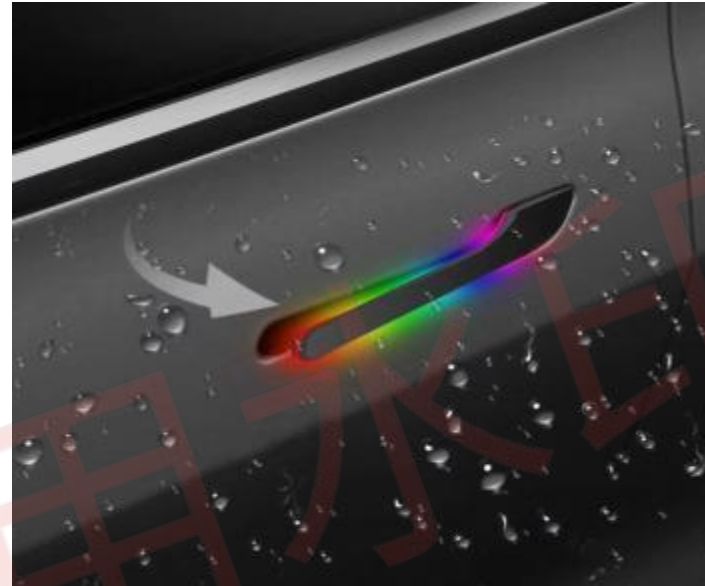
1. Installation: Dedicated to special vehicles, **non-destructive installation, does not affect the functions of the original vehicle**
2. Experience: Automatic pop-up, intelligent induction automatic glare, industrial structure integrated assembly
3. Function: **DIY** colorful welcome light ( **multi-color switching** ), waterproof design, **intelligent control method** (mobile phone Bluetooth, touch sensor, large central control screen, card, original car key)

### Product Description

- 1 ) Specially designed for special cars, **non-destructive installation** , retaining the original car drawstrings and original car screws
- 2 ) Multiple modes **automatically pop up** four-door handles , smart electric induction automatically turns on **cool light** door handles, **original car molded industrial** transmission structure **integrated assembly** design, the transmission structure is silky and smooth, safer and more stable, efficient and reliable, the motor starts **The combined life cycle can reach 100,000+ , durable**
- 3 ) **DIY** colorful welcome lights, **multiple colors** , multiple modes can be switched at will ( **colorful, white, green, blue, yellow, red, purple** ); waterproof design ( **IP6 professional waterproof** , waterproof connector protects the motor and circuit part, stable work, safe and reliable); multiple intelligent operation modes: **mobile phone Bluetooth control** (open the Tesla APP and click the switch lock, the 4 door handles will pop up / retract automatically), **touch sensor** (press the door handle to pop up automatically), **Central control large screen control** (click the icon on the central control screen to unlock the door handle and pop up automatically), **card unlocking** (swipe the card and the door handle automatically pops up and put away), **original car key control** (press twice, the door is unlocked and the handle pops up automatically; press once The door is locked and the handle is automatically retracted),

**Note: The door handle is currently only available in black**

## Model 3/Y/Highland smart electric door handle function display



### DIY colorful welcome lights

1. Manual setting, P mode, long press the P button, let go after 1 beep. Set color mode switching
2. Highland Model 3, manual setting, P mode, press and hold the right button of the steering wheel until it beeps once and then let go. Set the color mode switch
3. Multiple color switching ( colorful, white, green, blue, yellow, red, purple)

### IP6 waterproof design

Waterproof connectors protect the motor and circuit parts, making them work stably, safely and reliably.

### Door handle automatic pop up

Close to the door, the door handle automatically Pop open, the prerequisite is that the mobile phone is connected to the product, the connection method is as follows: Bluetooth search - pairing - implementation function

Bluetooth name: TESLA-AHUN

Pairing password: 888888

# Model 3/Y/Highland smart electric door handle function display



## Mobile phone Bluetooth control

Open the Tesla APP and click the lock icon; the 4 door handles will automatically pop up / retract



## Original car key control

Press once and the handle will automatically retract and the door will lock. Press twice, the handle will pop up automatically and the door will unlock.



## Touch sensitive

Press it lightly and the handle will pop up automatically. This method is suitable for operation without leaving the car or locking the car.



## Card unlock

After taking out the card, swipe it on the B-pillar as usual, and the door handle will automatically pop up / retract



## Central large screen control

Click the icon on the central control screen in the car to unlock, and the door handle will pop up automatically.



## Original car model integrated assembly

Industrial transmission structure design, silky smooth, safer, more stable, efficient and reliable



**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions**  
(Same for left and right)



1. Remove the speaker on the front door

**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions  
(Same for left and right)**



2. Unplug the two plugs of the speaker

**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions  
(Same for left and right)**



3. Use a flat knife to remove the reflective warning light on the door (be careful not to damage the original door panel skin)



**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions**  
(Same for left and right)



4. Use T30 to unscrew the fixing screws inside the door.



**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



5. Use T30 to unscrew the fixing screws inside the door.

**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



6. Use T30 to unscrew the fixing screws inside the door.

**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



7. Use a plastic tool to insert from the bottom of the door and pry the door panel open.



**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions**  
**(Same for left and right)**



8. Unplug the door panel main harness plug

**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions  
(Same for left and right)**



9. Pull out all the wiring harness plugs and lift out the wiring harness fixing buckle.



## Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions (Same for left and right)



10. Twist off the fixing screws of the wiring harness waterproof plate (see the installation video for details)



**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions**  
**(Same for left and right)**



11. Take out the wiring harness waterproof board

**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions  
(Same for left and right)**



12. Use a plastic tool to remove the fixing buckle of the inner glass strip.

**Model 3/Y/Highland Smart Electric Door Handle Front Door Installation Instructions  
(Same for left and right)**



13. Pull the glass strip upwards



Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



14. Unscrew the two fixing screws on the glass

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



15. Pull out the glass slowly

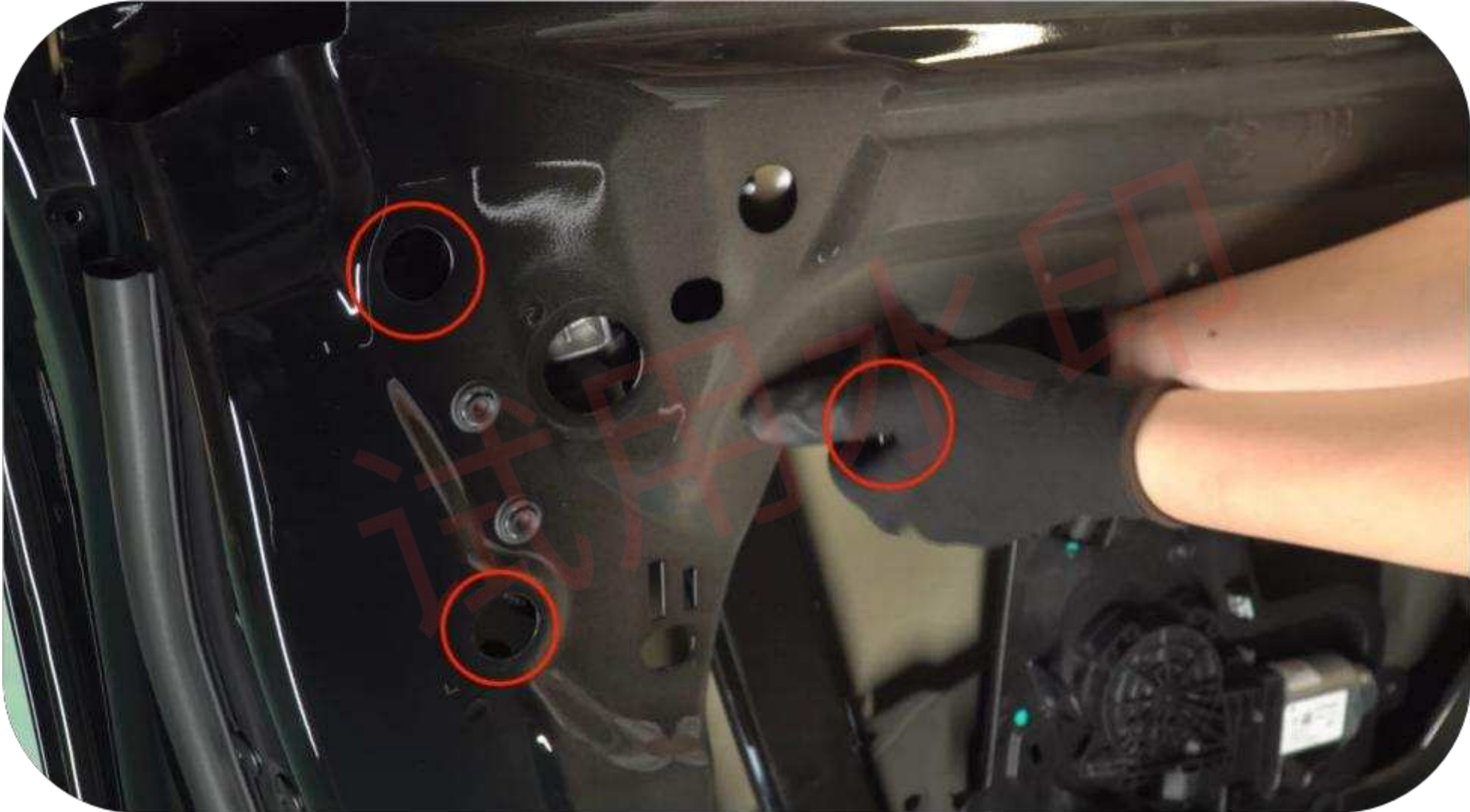
**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



16. Reach in and pull out the handle signal plug.



**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



17. Use 10mm to unscrew the handle fixing screw (see the installation video for details)

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



18. Take out the handle

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



19. Remove the original handle sensor



**Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)**



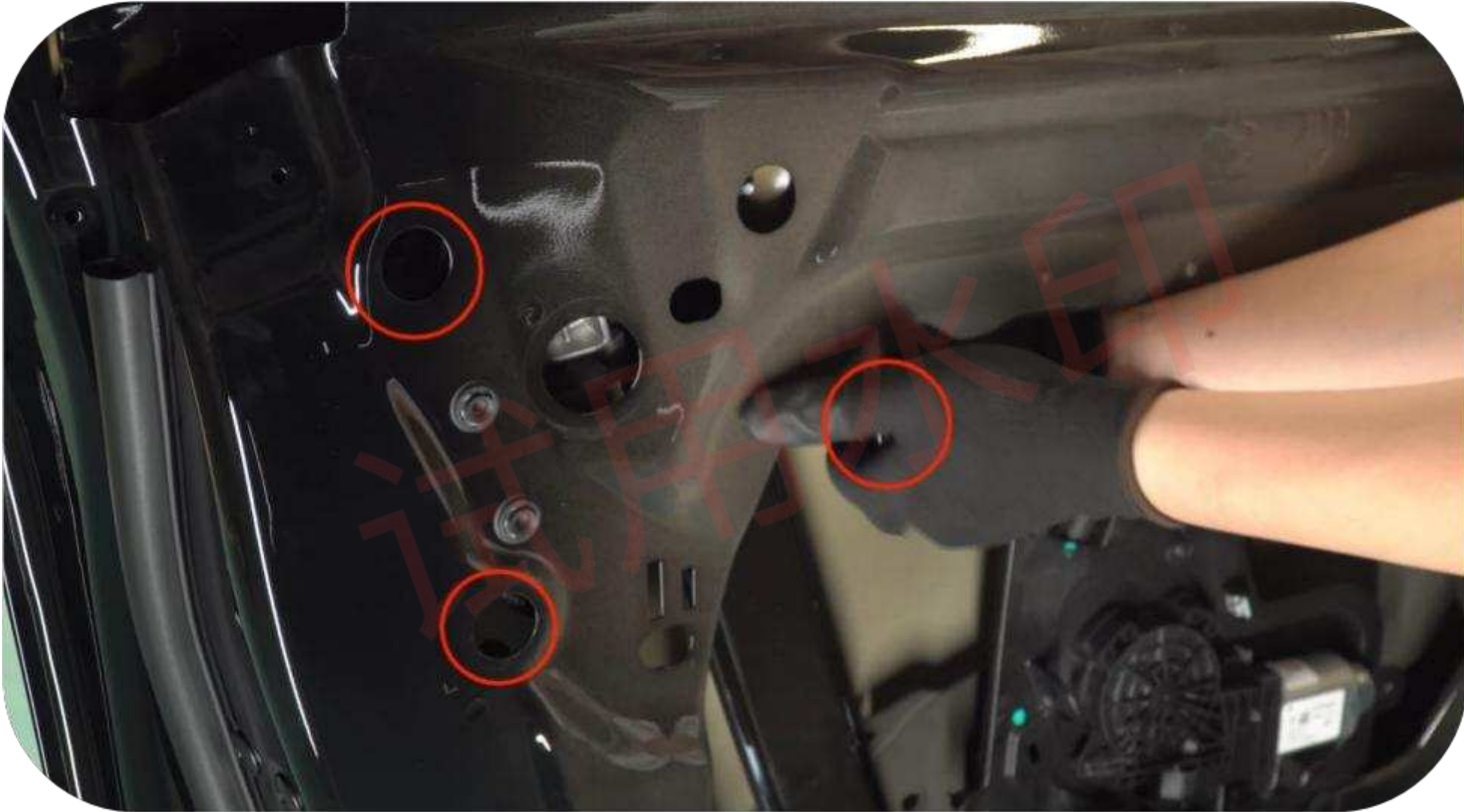
20. Install the handle sensor on the handle of our product

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



21. Install the electric handle (it is recommended to tear off the protective film on the surface after installation, otherwise it will be scratched )

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



22. Align the hole positions and tighten the fixing screws (see the installation video for details)

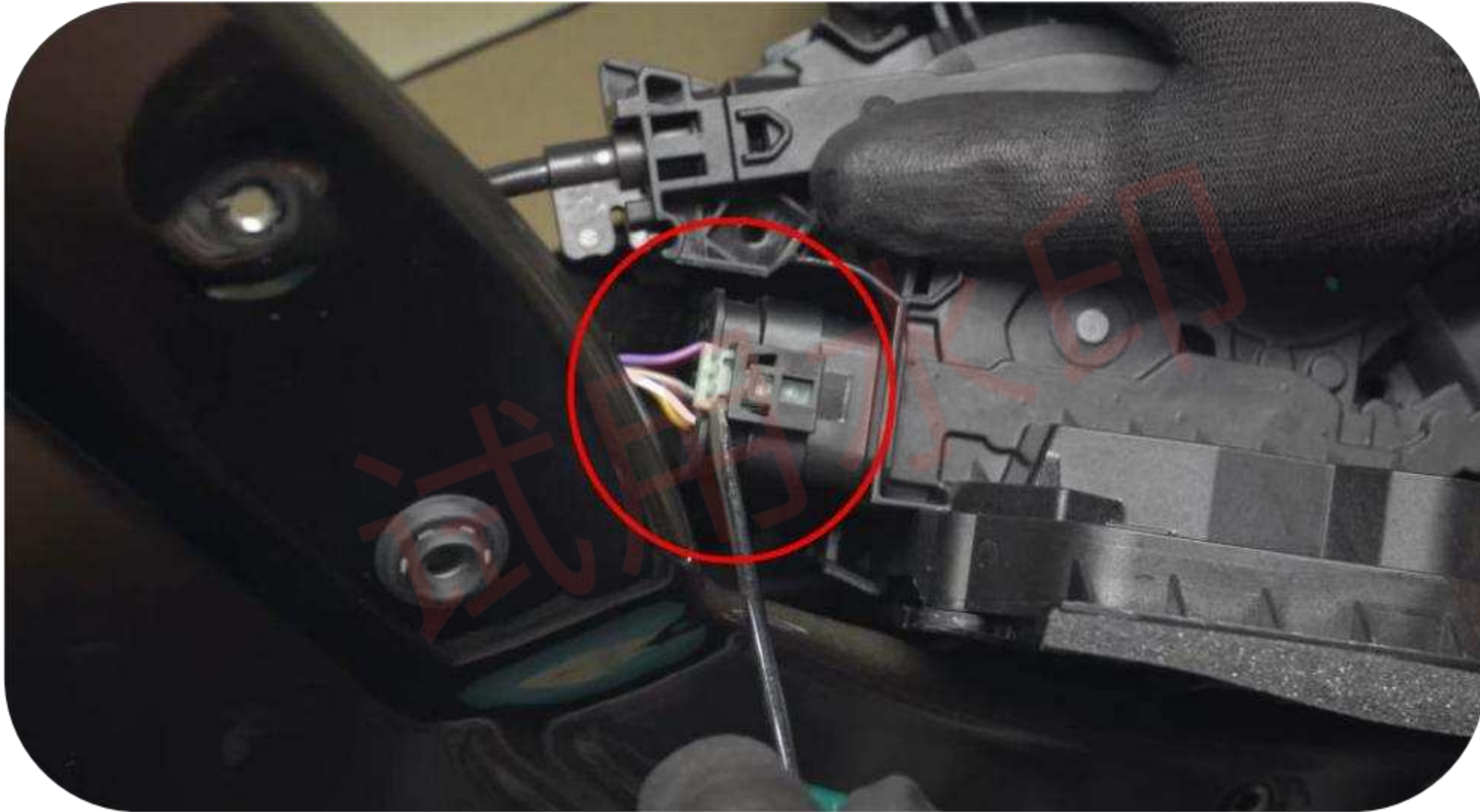


Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



23. Insert the plug back into the rotation sensor

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



25. Reach in and pull out the original door lock plug (it is convenient to show the plug position. This picture is taken by unscrewing the door lock fixing screw. You can actually put your hand in and pull it out)

Model 3/Y/Highland smart electric door handle front door installation instructions  
(same for left and right)



26. Connect the original door lock plug, and plug the other end back into the original door lock. For detailed operations, please see the installation video ( use a tie to secure the wiring **harness and plug, avoid the glass, and prevent the glass from lifting and hitting the wiring harness and plug** ). Restore it



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



28. Unscrew the rear door panel fixing screws

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



29. Unscrew the rear door panel fixing screws

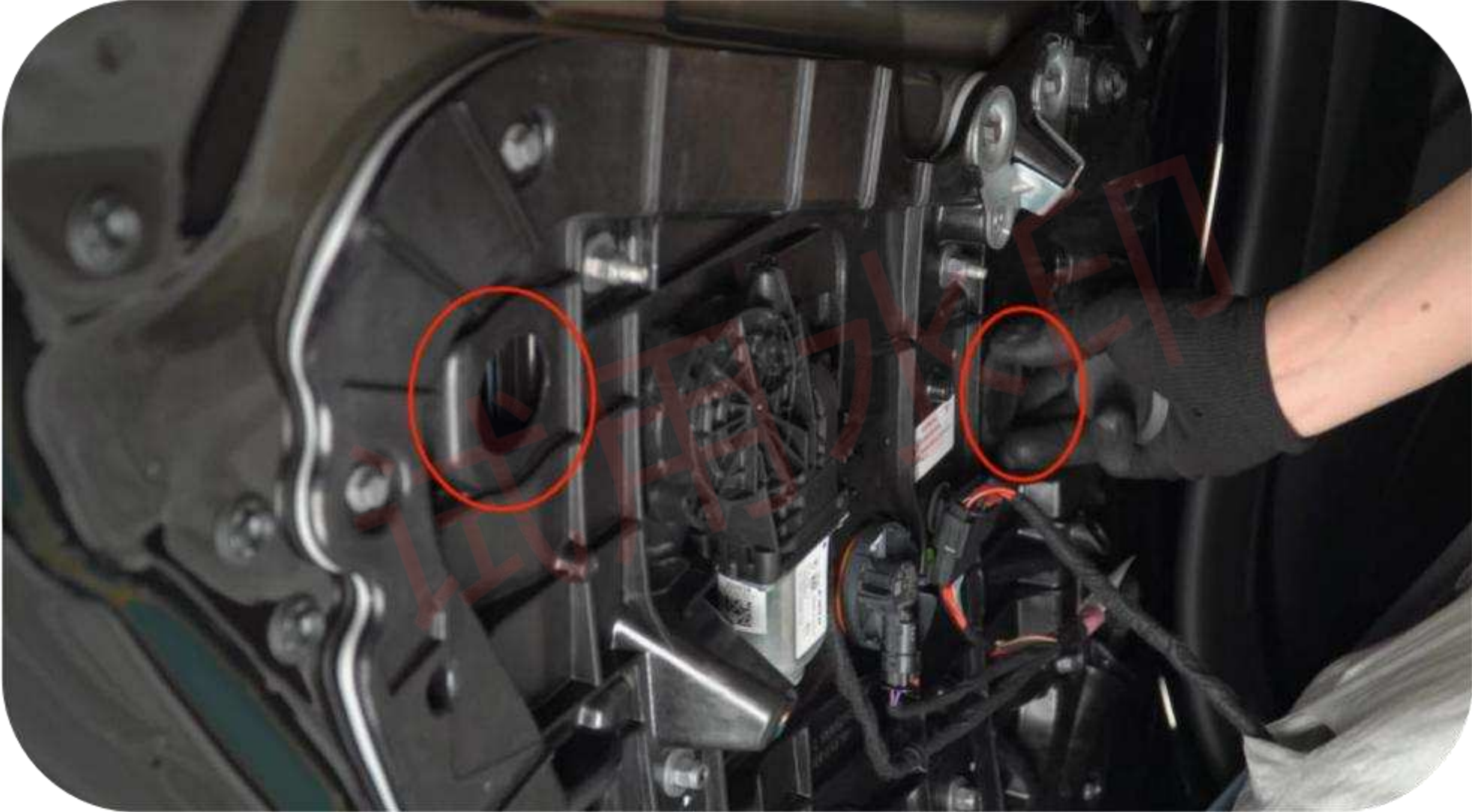
Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



30. Take out the door panel and remove it



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



31. Remove the two rubber rings

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



32. Move the glass fixing screw into the removable ring

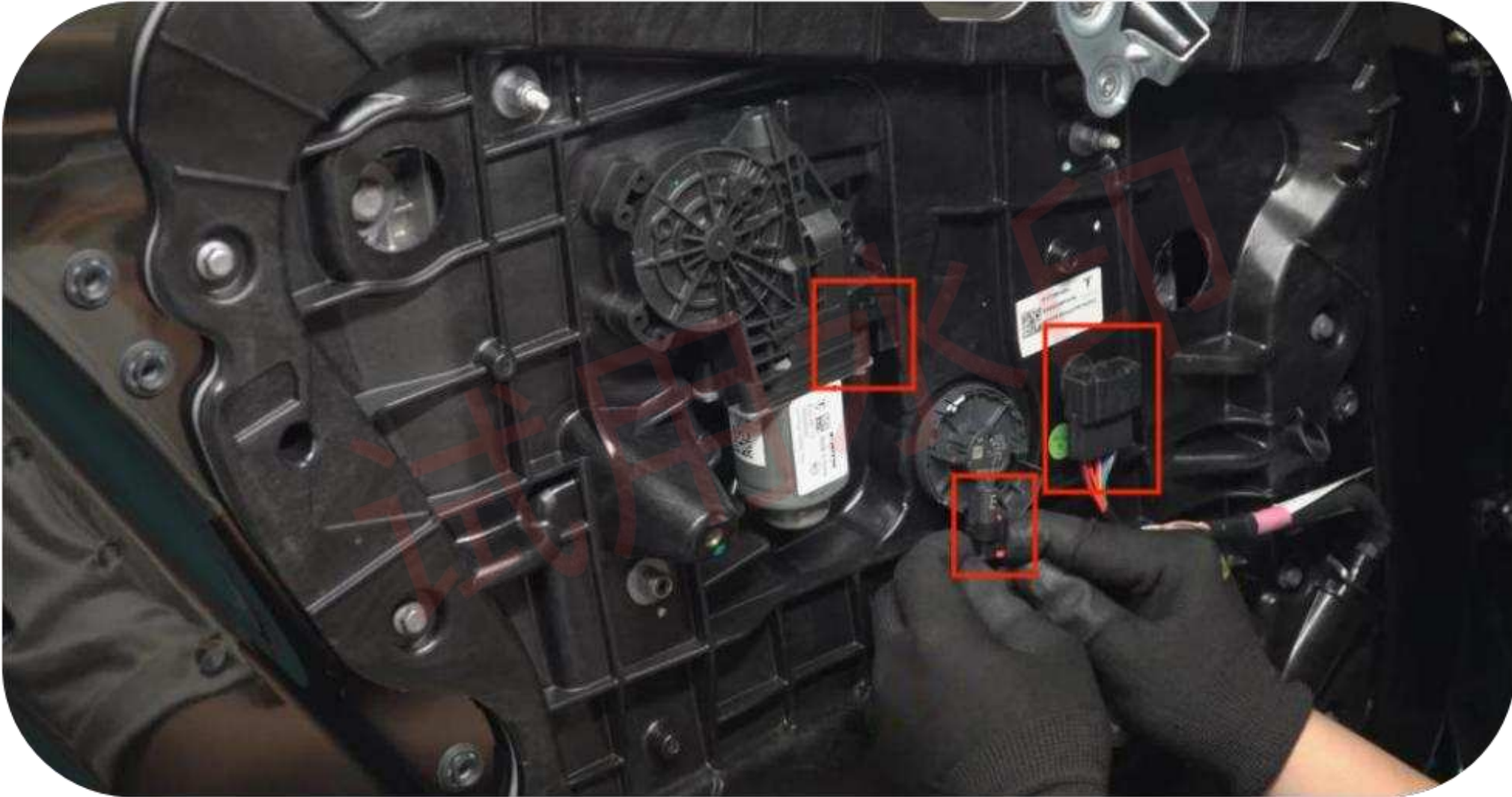
**Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)**



33. Pull out the main harness plug of the door panel



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



34. Pull out all the plugs and buckles on the waterproof panel

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



35. Use a plastic tool to remove the fixed position of the inner glass strip.

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



36. Take out the adhesive strip



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



37. Twist out the glass fixing screws

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



38. Take out the glass



**Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)**



39. Twist out all the fixing screws on the waterproof panel (you can watch the installation video)



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



40. Reach in and pull out the handle sensor.

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



41. Twist out the original handlebar fixing screws (see the installation video for details)

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



42. Take out the original handlebar

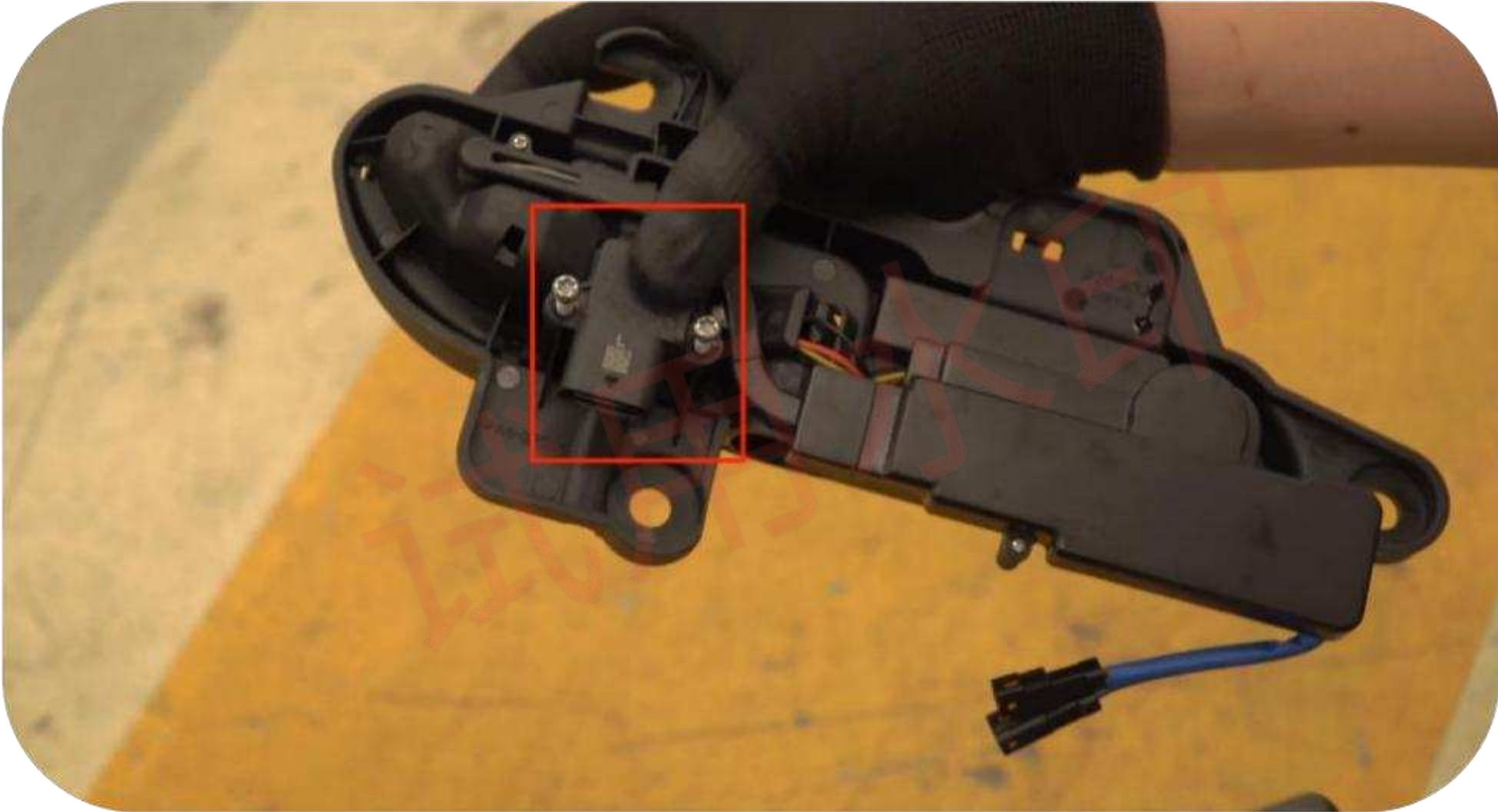


Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



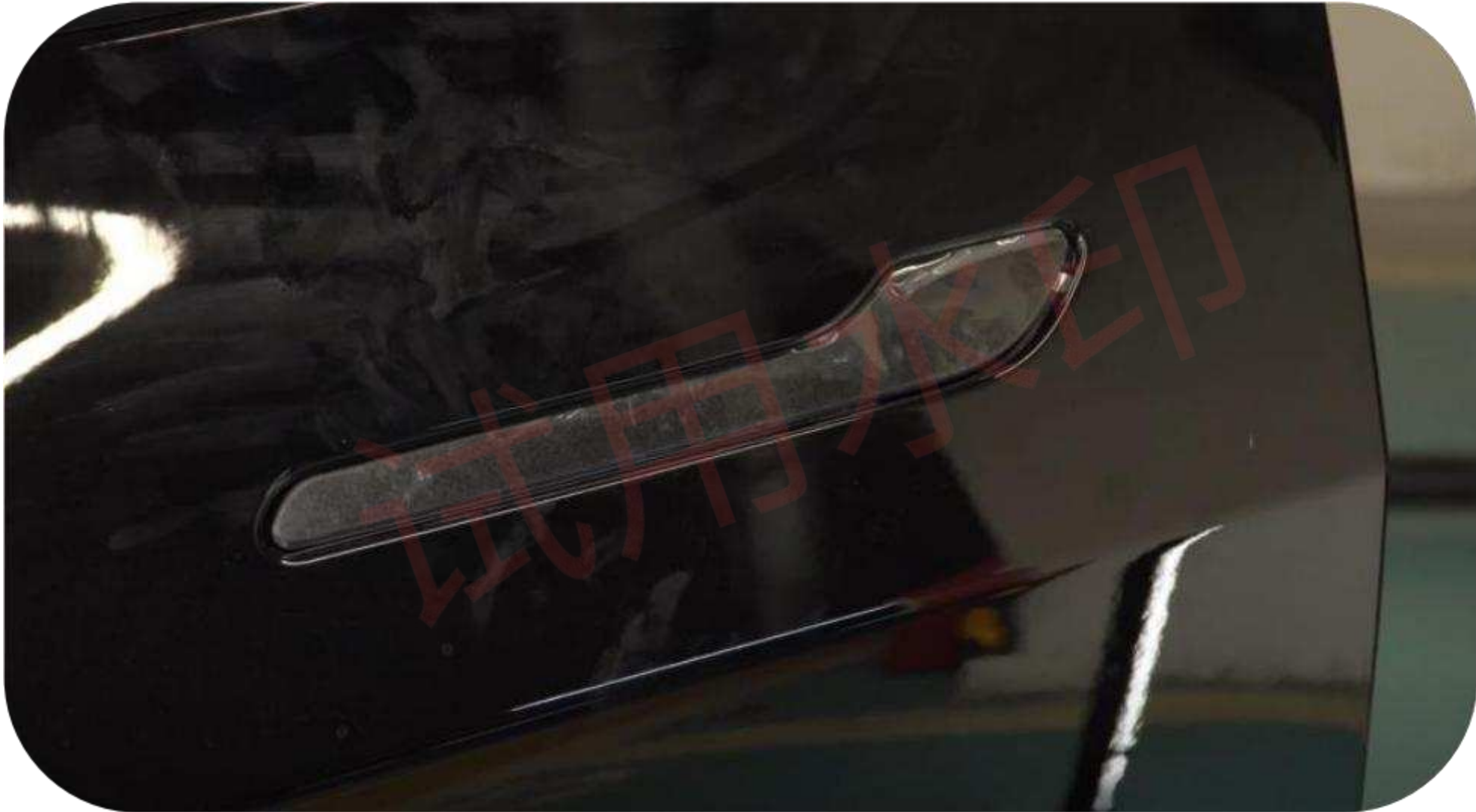
43. Remove the original handlebar sensor

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



44. Install the original handle sensor on our electric door handle

**Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)**



45. Install the electric handle (it is recommended to tear off the protective film on the surface after installation, otherwise it will be scratched )



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



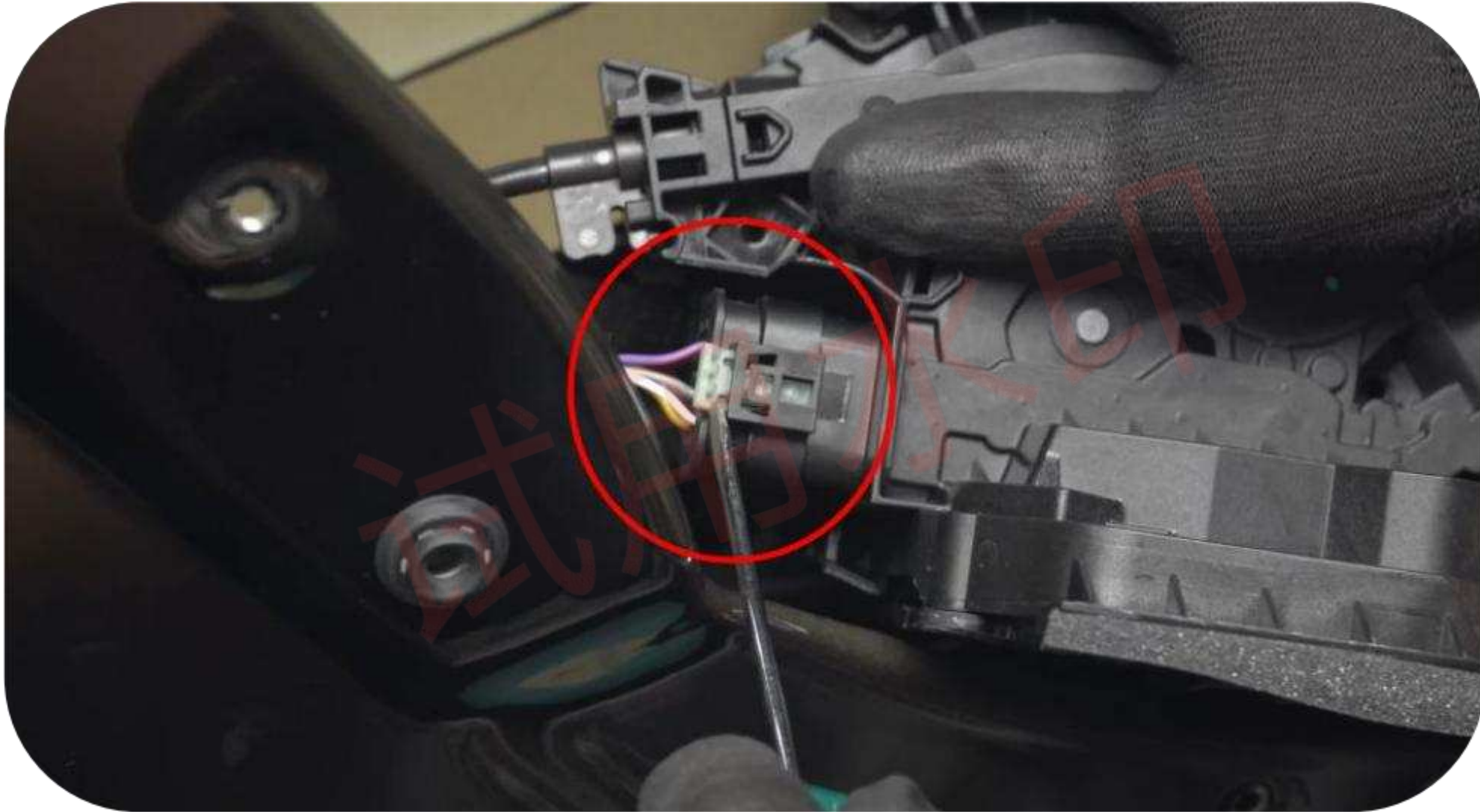
46. Align the hole positions and tighten the fixing screws.

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



47. Plug the plug back into the handle sensor

Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



49. Pull out the original door lock plug (it is convenient to show the plug position. This picture is taken by unscrewing the door lock fixing screw. You can actually put your hand in and pull it out)



Model 3/Y/Highland smart electric door handle rear door installation instructions  
(same for left and right)



50. Plug it into the original door lock plug, and plug the other end back into the original car door lock ( **use a tie to fix the excess wire harness, avoid the glass, and prevent it from being touched when lifting** )

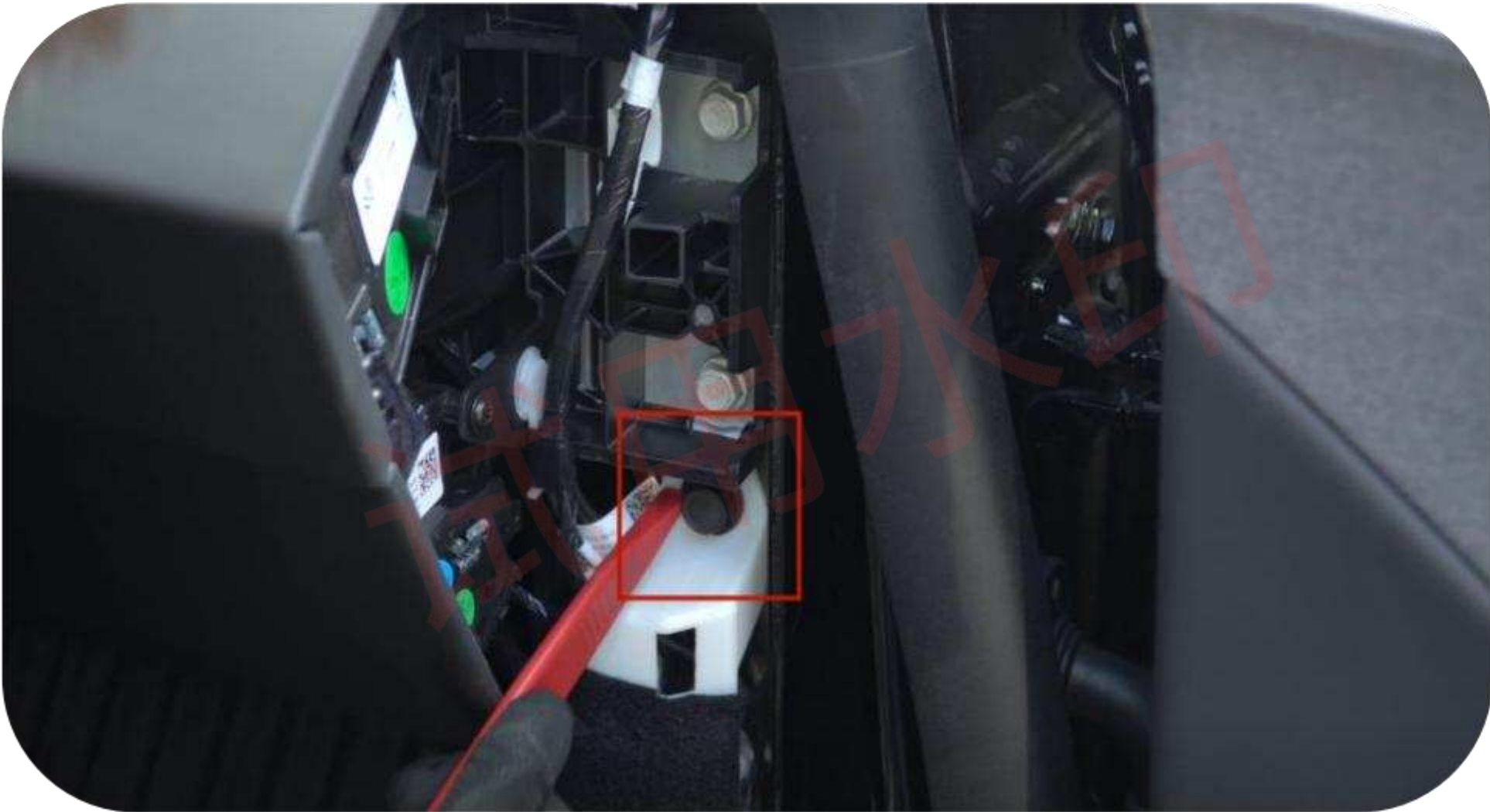


1. Remove the passenger door ring seal strip



2. Use a plastic tool to lift the lower side trim panel.





3. Remove the clips



4. Pull off the worn trim strip on the passenger side door

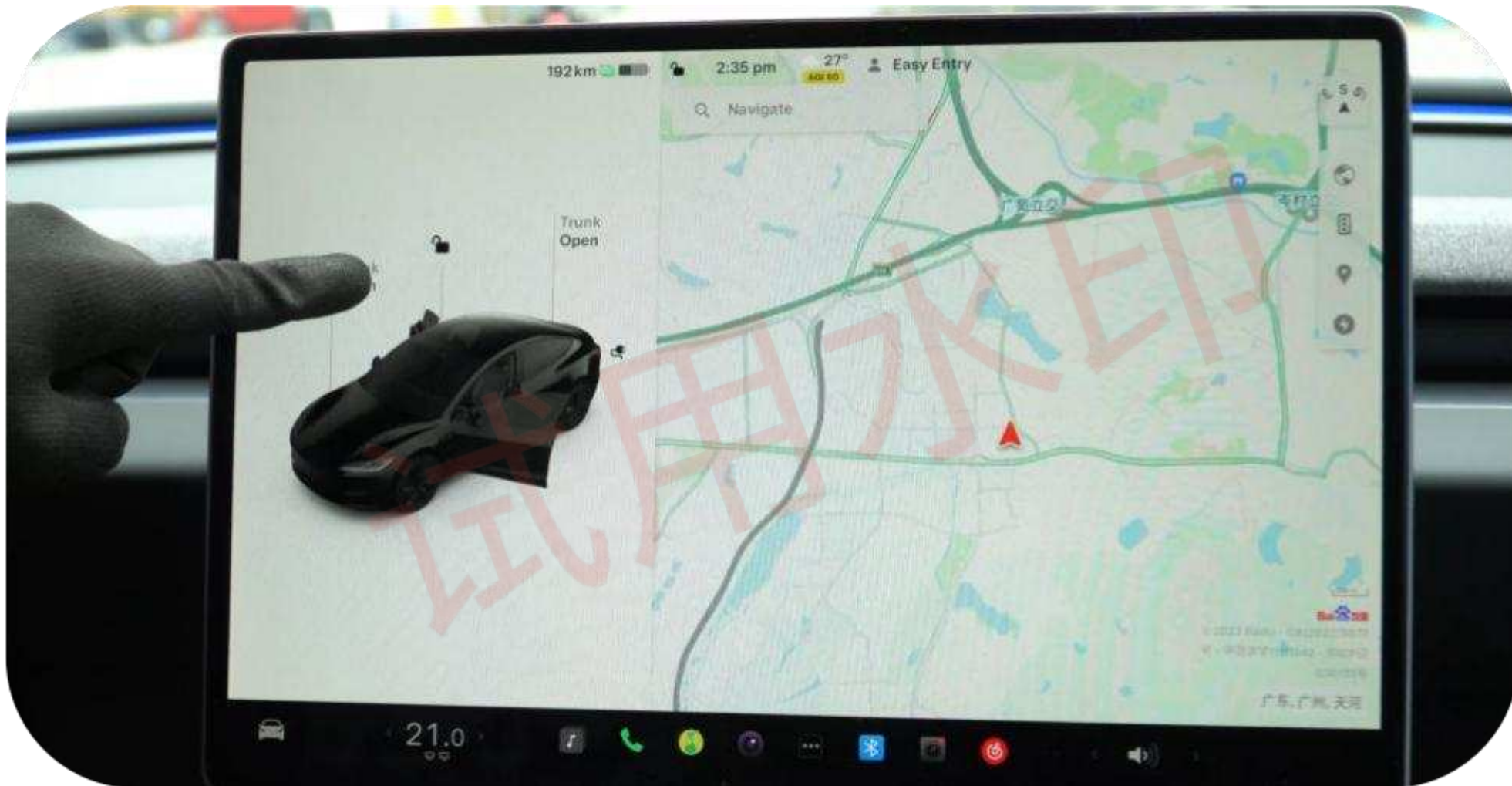


5. Remove the passenger kick panel with your hands





6. Unplug the speakers and footrest lamps in the trim panel



7. Click on the screen to open the front trunk





8. Lift the front trunk





9. Remove the air intake trim panel



10. Remove the air inlet



11. Remove the fixed tow hook trim panel





12. Unplug the front trunk lighting lamp



13. Twist off the four fixing screws in the pocket

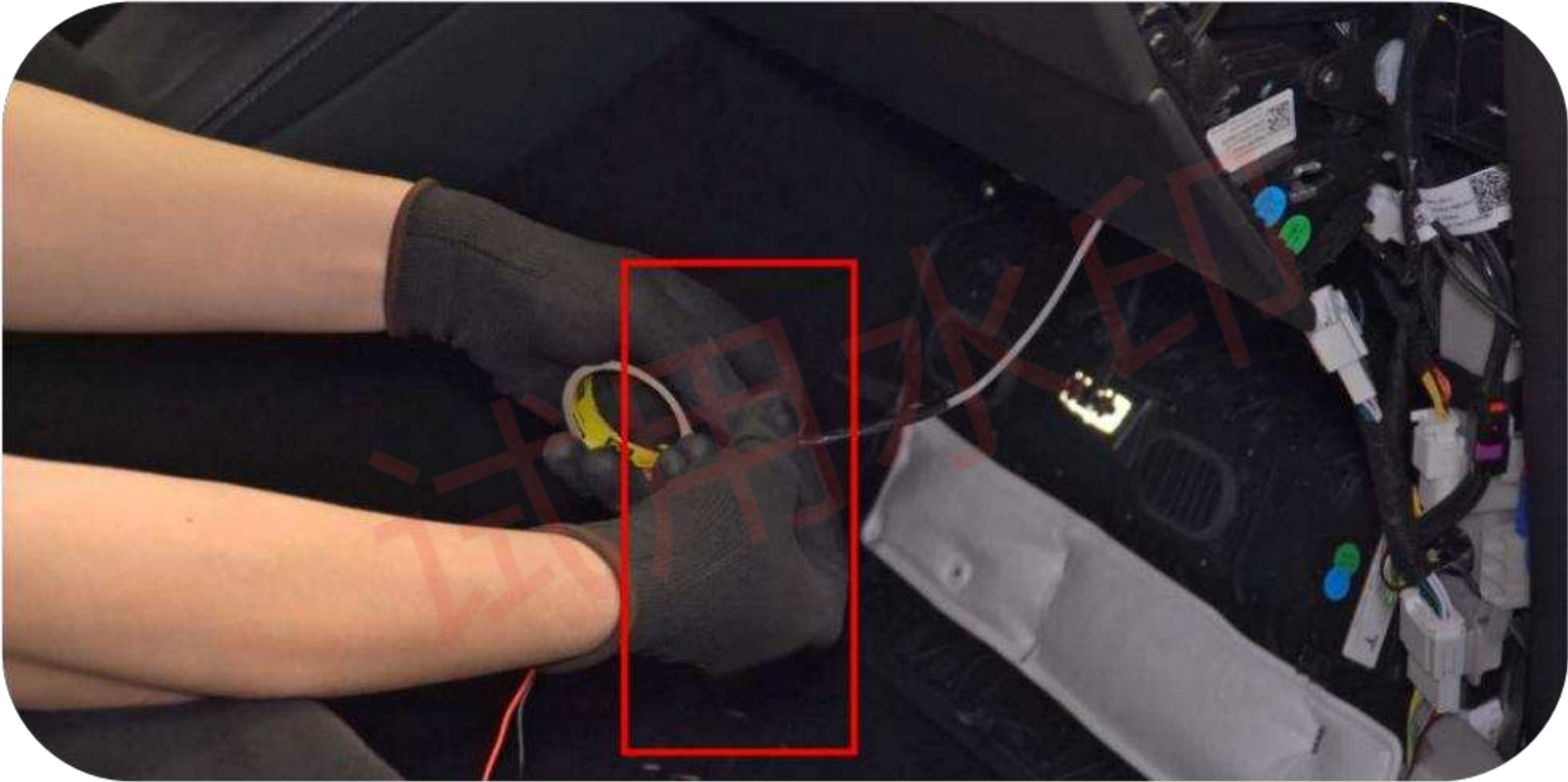


14. Find the original wiring harness rubber plug and cut off the raised points on it  
(if you don't understand, you can watch the installation video or contact us)

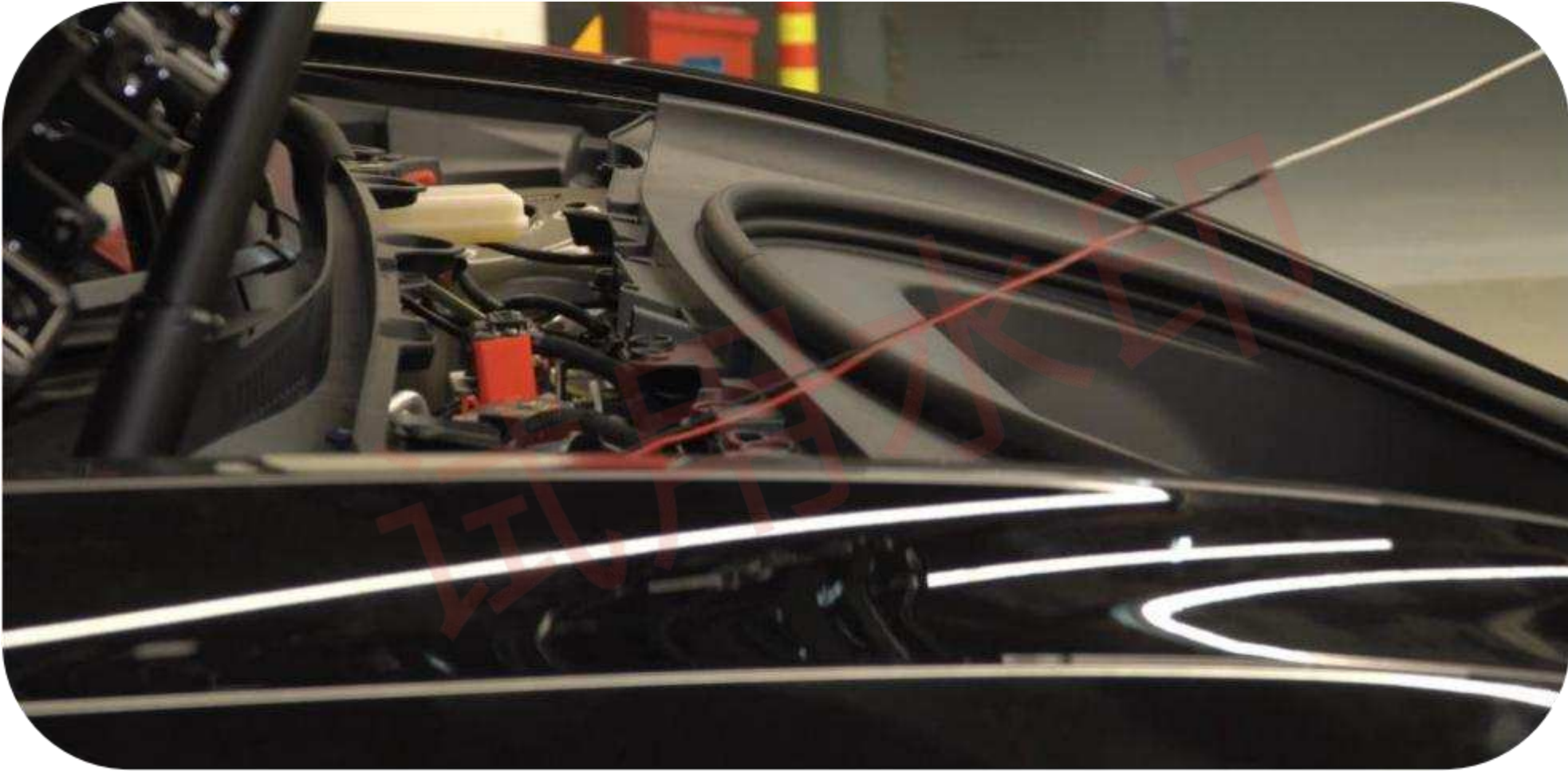




15. Pass the threading tape through this hole into the interior.

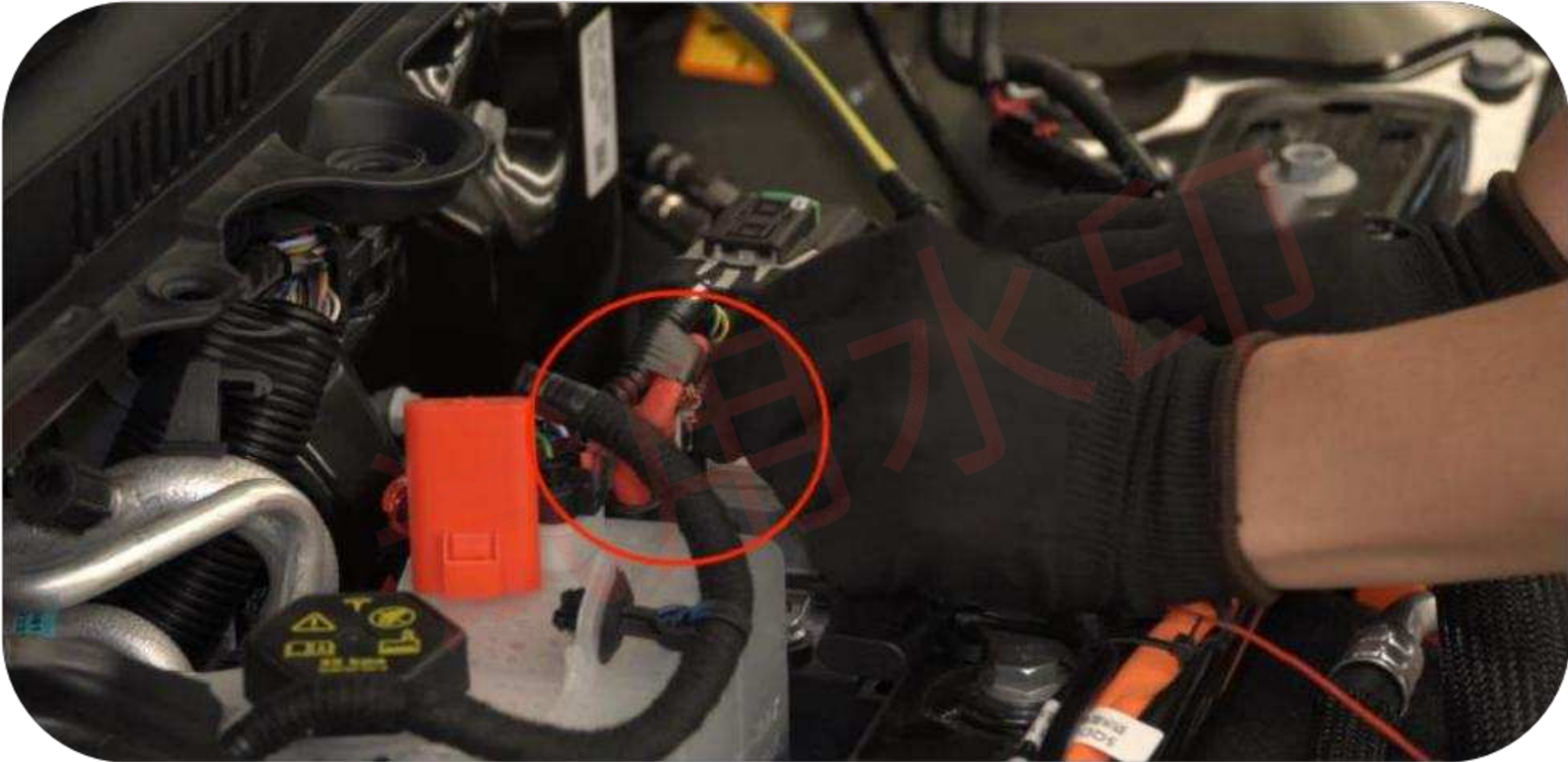


16. Tie the positive and negative wire harnesses to the threading tape



17. Pull out from the cabin

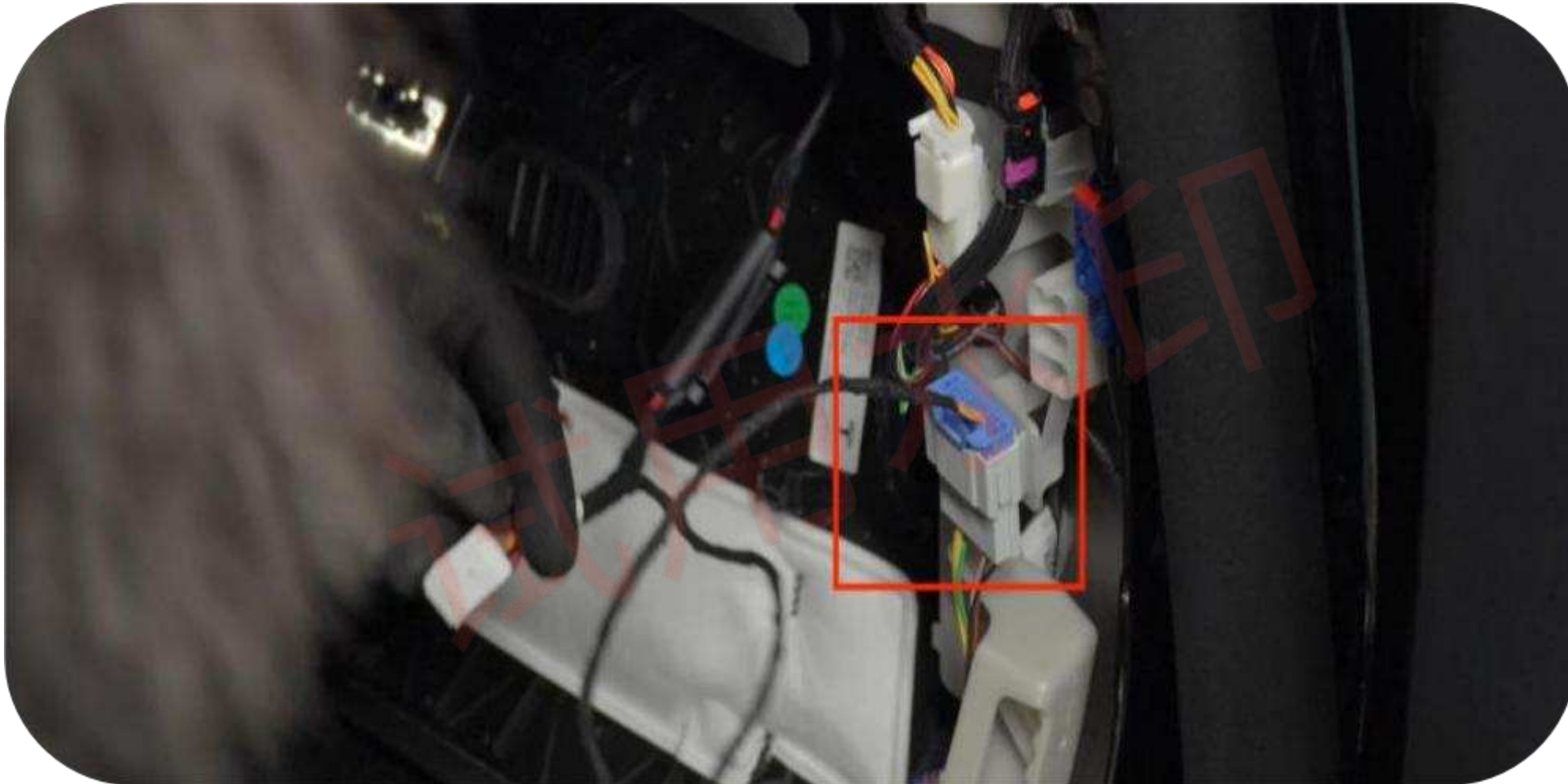




18. Connect the positive terminal of the original battery



19. Negative body ground



20. The blue plug of the control box wiring harness signal is directly inserted into the gray plug of the original car.





21. Plug in the main control box and restore (be sure to connect all other plugs and power supplies first and then plug in the main control box)

## Model 3/Y/Highland Smart Power Door Handle -FAQ Troubleshooting Guide

Question	Reason	Solution
How to switch the light color?	Manual click switch inside the door handle	See detailed picture introduction
How to perform OTA upgrade?	<ol style="list-style-type: none"> <li>1. Press and hold the P button until it beeps 4 times and then release it to perform OTA upgrade.</li> <li>2. Press and hold the P button and let go after 6 beeps to perform after-sales OTA upgrade.</li> <li>3. Refreshed version</li> </ol>	Upgrade by upgrade method
How to perform OTA upgrade on the refreshed Model 3 ?	<ol style="list-style-type: none"> <li>1. Set the mobile hotspot name to: SLOTA password 88888888</li> <li>2. Press and hold the right scroll button, let go after the buzzer sounds 4 times, and the control box enters OTA mode.</li> </ol>	<ol style="list-style-type: none"> <li>3. When entering OTA mode, the buzzer of the control box keeps beeping, and the control box updates itself (during the OTA upgrade process, the door handle cannot be operated, otherwise it will affect the upgrade)</li> <li>4. After the OTA upgrade is successful, the buzzer will beep 6-9 short beeps "ditee beep beep beep..." which means the upgrade is successful (if the upgrade is unsuccessful, the buzzer of the control box will beep for 60 seconds and then stop beeping. )</li> </ol>
How many color switches are there?	There are 7 types, colorful, white, green, blue, yellow, red and purple	
Can't bounce	Check whether the gasket is installed	Install spacers
	Bad handle wire	Check the handle wire corresponding to the control box by exchanging it with the handle wire on the same side.
It cannot automatically bounce away when approaching	Check whether the control box Bluetooth is connected	Connect the control box via Bluetooth
The light bar cannot light up	Check whether the installation wiring harness is normal	Re-plug the interface
Press the handle and pop it open, and the door will open automatically	Just installed, check whether the gasket is installed	If it is not installed, install it. If it is installed, remove it.
Open handle failure mode	In case of non-P file	Short press the handle button and press the end of the handle, the handle will not pop open
	In case of non-P file	Connect your mobile phone to the car's Bluetooth and do not open the handle