

Parts List Diagram



1	4D rotating tweeter at the Front door * 2	2	Central control rainbow panel*2
3	rainbow trim at the Front door * 2	4	Saddle light*1
5	Backrest light * 2	6	speaker ring at the Front door * 2
7	Light bar on instrument air outlet * 1	8	Light bar on rear door * 2
9	Storage box light*4	10	Footwell lamp*4
11	Four-door adapter cable (need to be threaded) *4	12	In-vehicle main wiring harness*2
13	Main control cable*1	14	LCD control panel*1
15	Main control box*1	16	4D rotating tweeter power adapter cable*1
17	Extension cords for the rainbow lights on the left and right doors*2	18	Adapter cable for tweeter at front door*2

Note: Please ensure that the screen is powered off to prevent fault reporting.

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

Warnings and Disclaimers

Important notice: You are welcome to purchase our company's products. In order to protect the legitimate rights and interests of users, we hereby remind users that you must carefully read and fully understand the terms of this statement before using this product. If you use this product, your use will be deemed to be an acknowledgment of the entire content of this statement, and you agree to be bound by the following terms of this statement, and at the same time bear the consequences caused by irregular use. Hansshow Company reserves the right to update the above documents. Please be sure to operate this product according to the instructions.



Installation Manual

Precautions for Use

1. Before installation, check whether the product list is complete or damaged.
2. The installation instructions may be slightly different from the actual operation. If there is any difference, please contact us according to the actual situation.
3. Warning: Please do not disassemble any parts by yourself. Any improper operation is not covered by the warranty.
4. Before installing the product, watch the installation video and instructions.
5. Check whether the installed product functions normally.

After-sales contact:

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Features of Tesla Rainbow Ambient Light



Model: 21+ MY / 21-23.10 M3

Name: Tesla Rainbow Ambient Light

Features

1. Installation: Dedicated to special vehicles, **non-destructive installation, does not affect the functions of the original vehicle**
2. Experience: Multiple lamp positions create a romantic atmosphere, and the cool colored lights instantly create a sense of fashion and create a romantic atmosphere.
3. Function: Multiple mode switching, high-definition screen control, brightness adjustment, multiple lamp position control, made by laser engraving with low power consumption

Product Description

- 1) Specially used for special vehicles, original vehicle agreement, **non-destructive installation**, no damage to the original vehicle wiring harness and functions.
- 2) Multiple lamp positions create a romantic atmosphere. The cool colored lights instantly create a sense of fashion and create a romantic atmosphere.
- 3) In the smart era, Customize any light color and adjust it at will; support **high-definition screen control mode** (gradient mode, rhythm mode, monochrome mode, jump mode, strobe mode, adjustment mode, brightness adjustment); **brightness adjustment** (adjust different brightness according to needs) **multiple lamp position control** (four-door outline lamp, central control penetrating lights, laser carved saddle lights, footrest lights, storage box lights, backrest lights, tweeter lights); the light is soft and gentle not dazzling, adjustment; **laser engraving, low power consumption** (using laser engraving technology, 45,000 luminous holes, laser engraving and drilling, ultra-low power consumption) Power consumption is only 6W.

Note: The main difference between Model 3 and Model Y is that the tweeter light-emitting cover is different.

Lossless Installation

Monochrome Mode

Rainbow Mode

Breathing Pattern

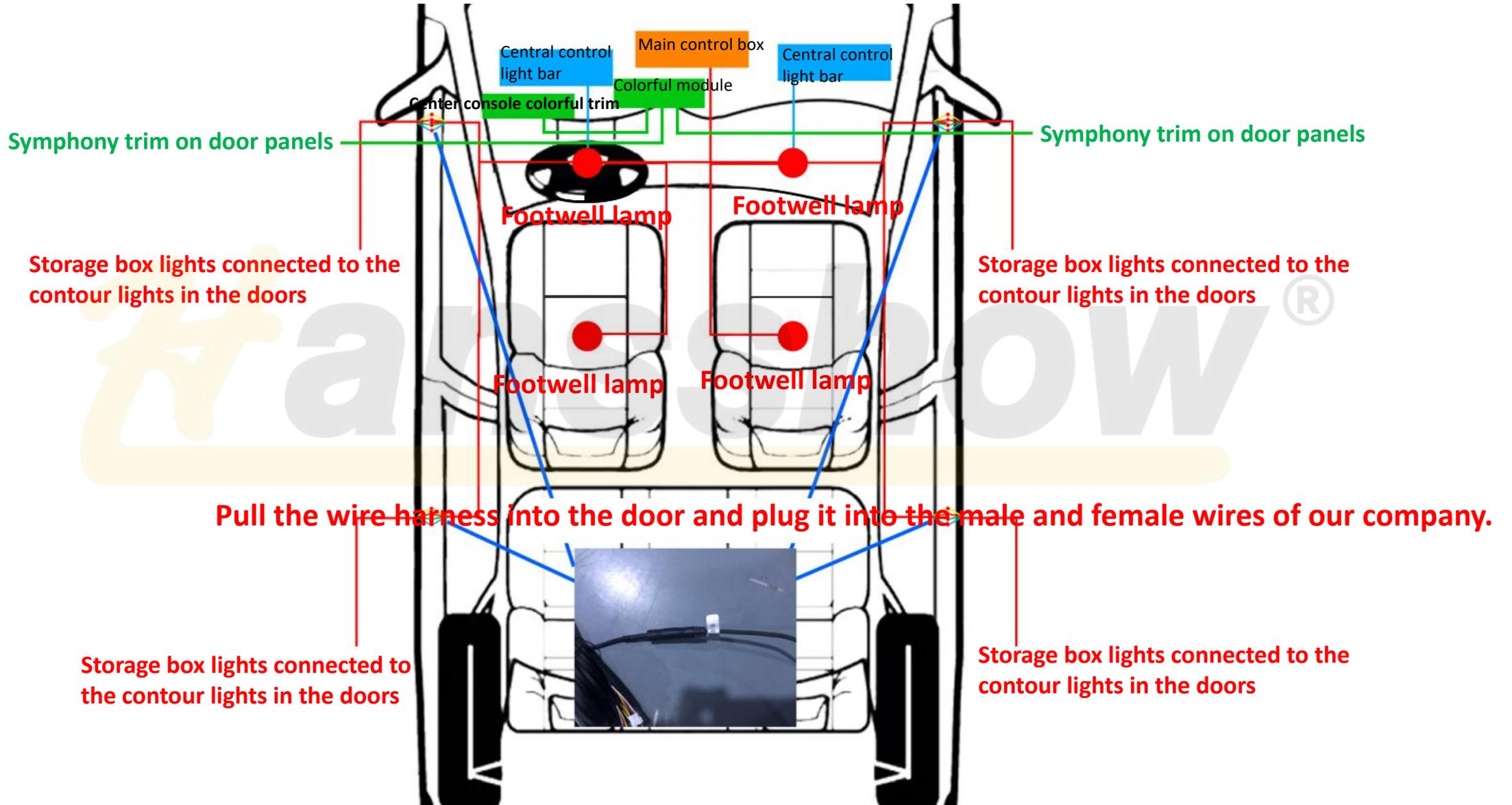
Gradient Mode

Strobe Mode

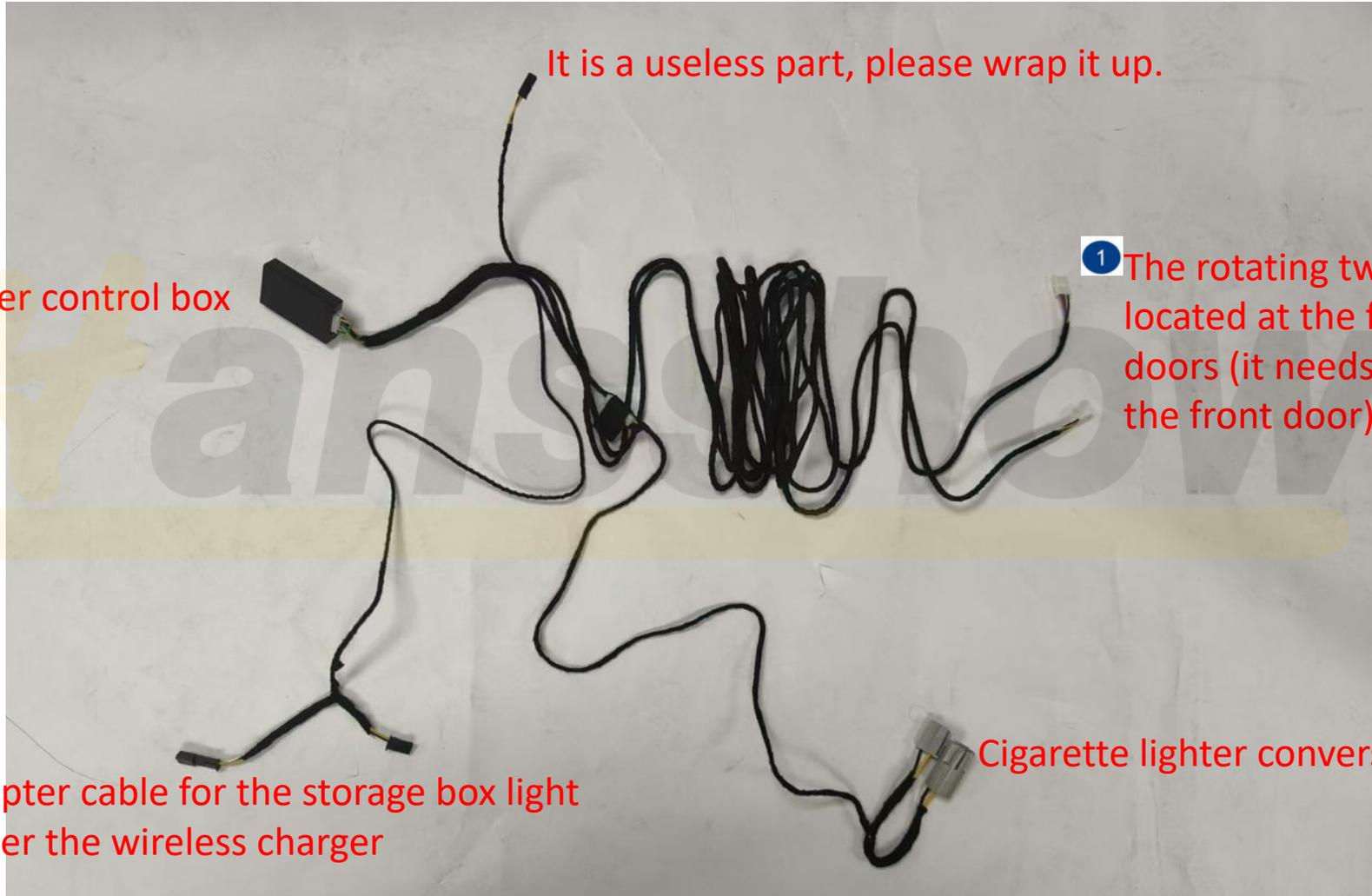
LCD Control Panel

Laser Engraving

The Wiring Diagram for Rainbow Ambient Light of Tesla



The Wiring Diagram of Tesla Rainbow Atmosphere Light with Optional Rotating Tweeter 16 (Power Cord)



It is a useless part, please wrap it up.

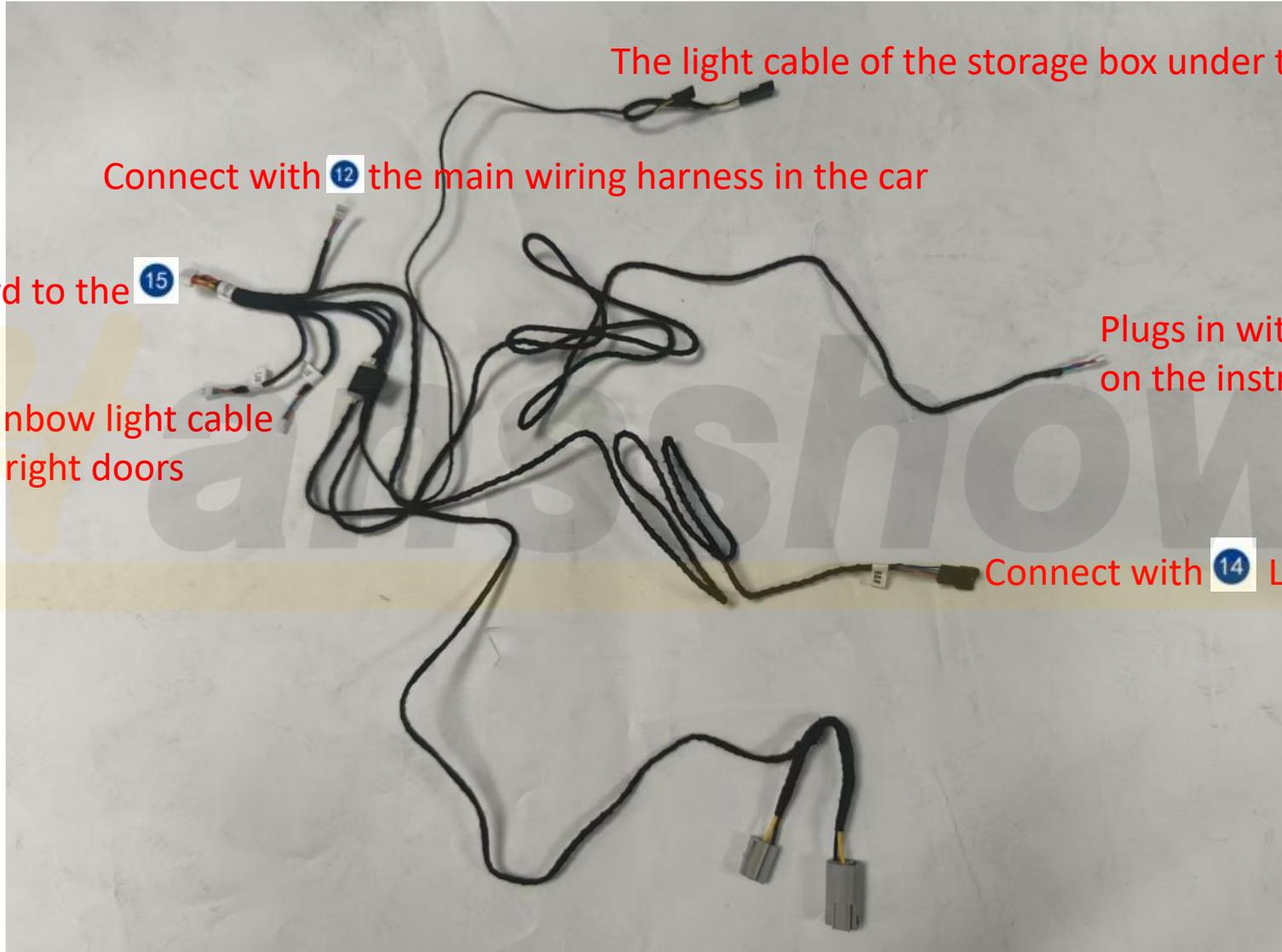
Rotating tweeter control box

1 The rotating tweeter light cable located at the front left and right doors (it needs to be passed through the front door)

Adapter cable for the storage box light under the wireless charger

Cigarette lighter conversion cable

The Wiring diagram of Tesla rainbow atmosphere light 13 (main control adapter cable)



The light cable of the storage box under the wireless charger

Connect with 12 the main wiring harness in the car

Connect the power cord to the 15 main control box

Plugs in with 2 the rainbow lights on the instrument panel

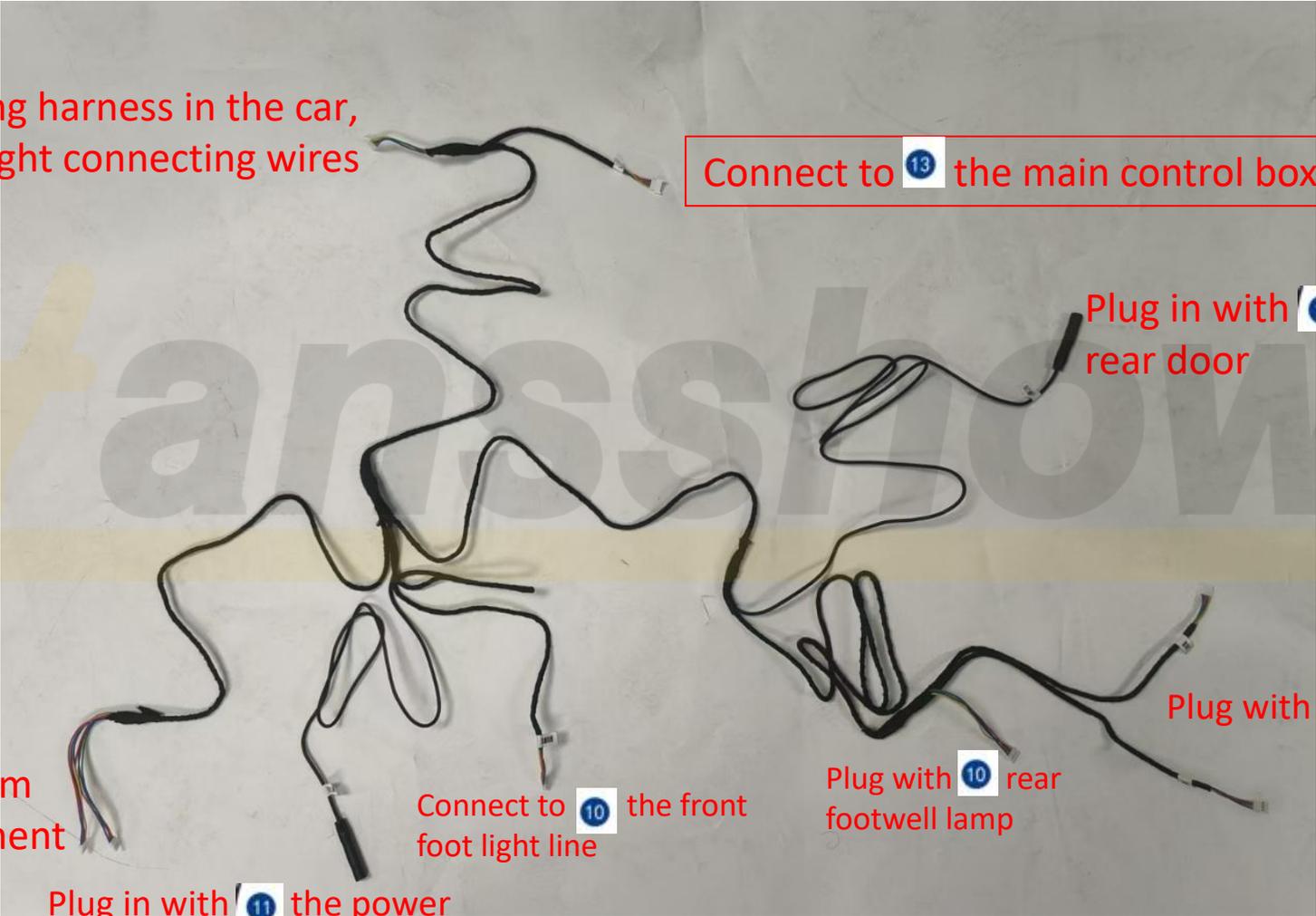
Connect with 17 the rainbow light cable located on the left and right doors

Connect with 14 LCD control panel

Cigarette lighter adapter cable

The Wiring Diagram of Tesla Rainbow Atmosphere Light

12 (Main Wiring Harness in the Car)



Main wiring harness in the car,
Left and right connecting wires

Connect to 13 the main control box cable

Plug in with 11 the power cord at the
rear door

Plug with 5 backrest lamp

Plug in with the silver trim
strip of the front instrument
or the saddle light line

Connect to 10 the front
foot light line

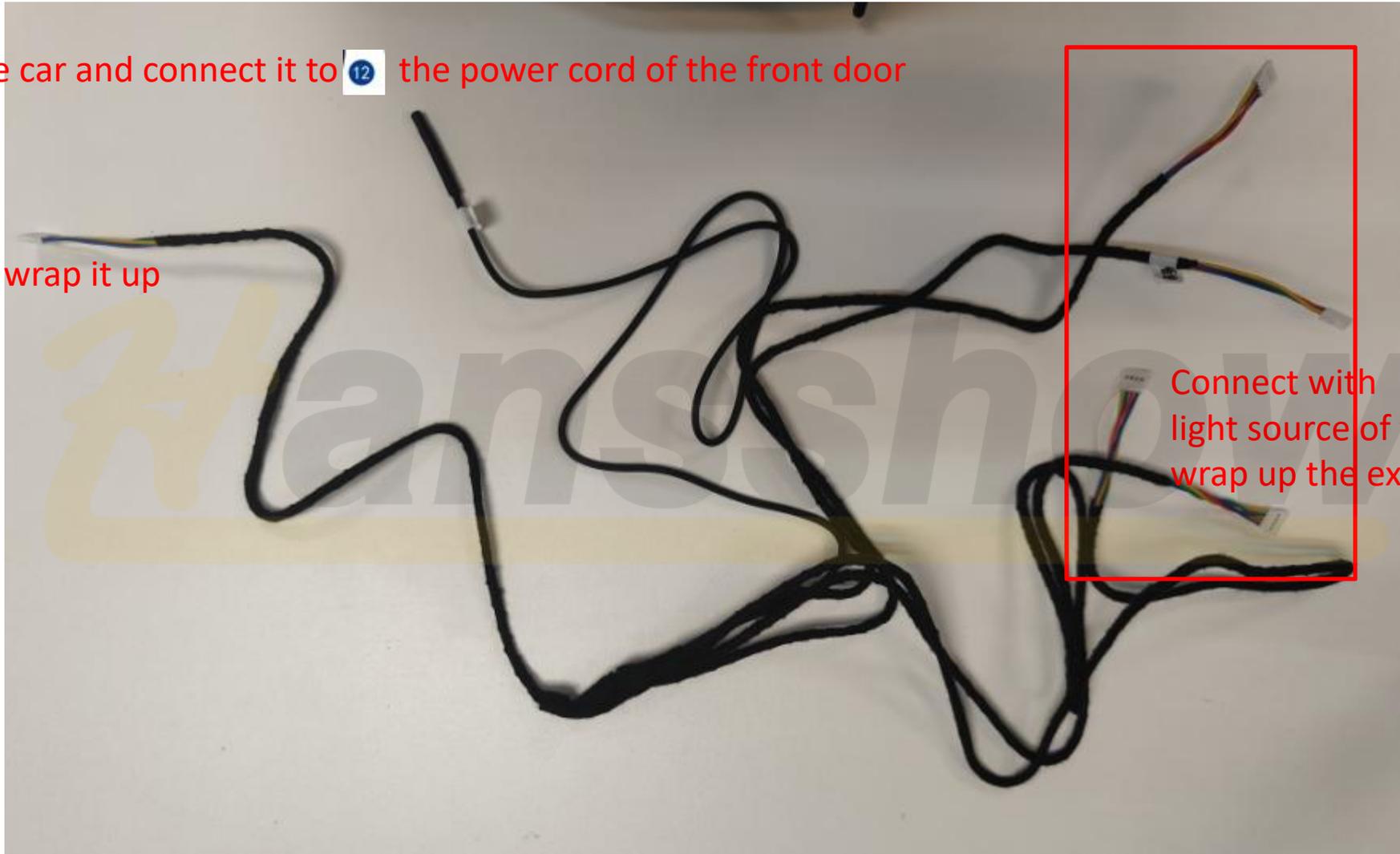
Plug with 10 rear
footwell lamp

Plug in with 11 the power
cord of the front door

The Wiring Diagram of Tesla Rainbow Atmosphere Light 11(Front Door Adapter)

Go inside the car and connect it to **12** the power cord of the front door

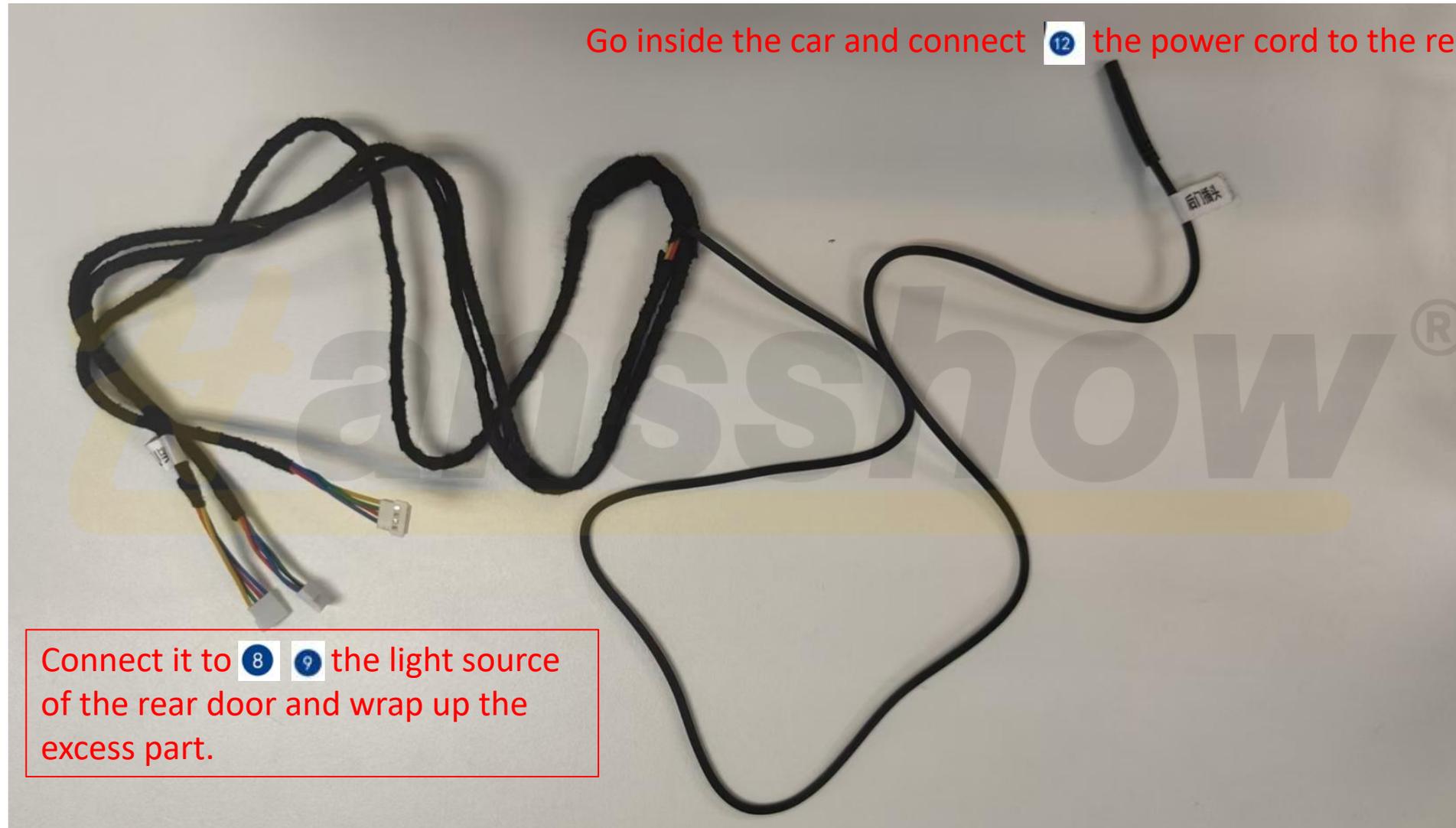
No need to wrap it up



Connect with **3 6 9** the inner light source of the front door and wrap up the excess part.



The Wiring Diagram of Tesla Rainbow Atmosphere Light 11(Rear Door Adapter)



Go inside the car and connect 12 the power cord to the rear door

Connect it to 8 9 the light source of the rear door and wrap up the excess part.

Tesla Rainbow Ambient Light Installation Instructions



1. Use a rocker to pry open the two sides of the trim on the saddle. (As shown in the picture)

Tesla Rainbow Ambient Light Installation Instructions



2. Apply force in the direction of the arrow in the left picture, then remove the trim on the saddle and unplug the wireless charging plug as shown in the right picture.

Tesla Rainbow Ambient Light Installation Instructions



3. Remove the screws on both sides of the saddle silver trim.

Tesla Rainbow Ambient Light Installation Instructions



4. Remove the silver saddle trim upwards according to the arrow in the picture.

Tesla Rainbow Ambient Light Installation Instructions



5. Lift down the cover of the cup holder and unplug the key induction coil.

Tesla Rainbow Ambient Light Installation Instructions



6. Unplug the cigarette lighter and storage box light, and unscrew the fixing screws of the cup holder.



7. Unscrew the fixing screws on both sides of the cover of the saddle storage box.

Tesla Rainbow Ambient Light Installation Instructions



8. Remove the cover of the storage box and unplug the storage box light (as shown above)

Tesla Rainbow Ambient Light Installation Instructions



9. Lift down the passenger side saddle trim.



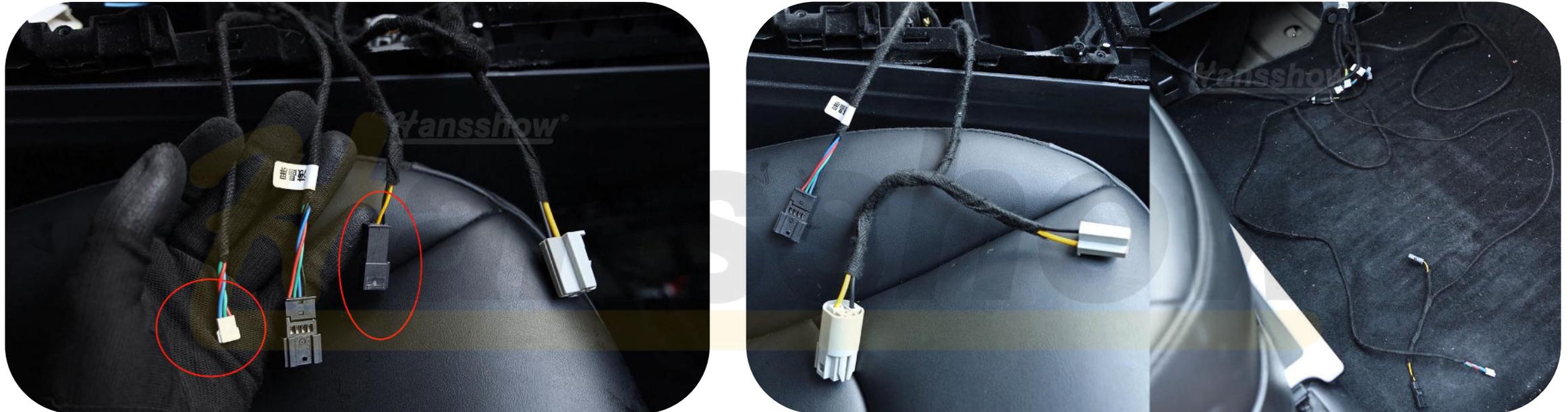
10. Pass the threading line from the bottom hole of the cup holder to the passenger seat. (As shown in the picture)

Tesla Rainbow Ambient Light Installation Instructions



11. Tie the main harness control box end to the threading wire and pull the wire to the passenger side.

Tesla Rainbow Ambient Light Installation Instructions



12. Pull the two plugs in the red circle to the passenger seat position as shown in the right picture.

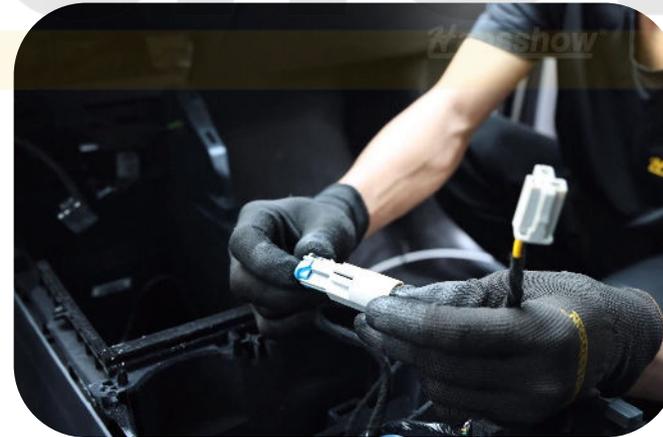
Tesla Rainbow Ambient Light Installation Instructions



13. Pass the wire harness in the circle to the wireless charging position as shown in the right picture.



14. Plug it into the plug of the storage box light.



15. Plug the power plug into the cigarette lighter plug.

Tesla Rainbow Ambient Light Installation Instructions



16. Install the LCD panel and connect the wires in good condition.



17. Plug the connector of the LCD panel into the connector of the LCD panel on the power cord.



18. Install the cup holder and tighten the screws.



19. Install the cup holder cover.

Tesla Rainbow Ambient Light Installation Instructions



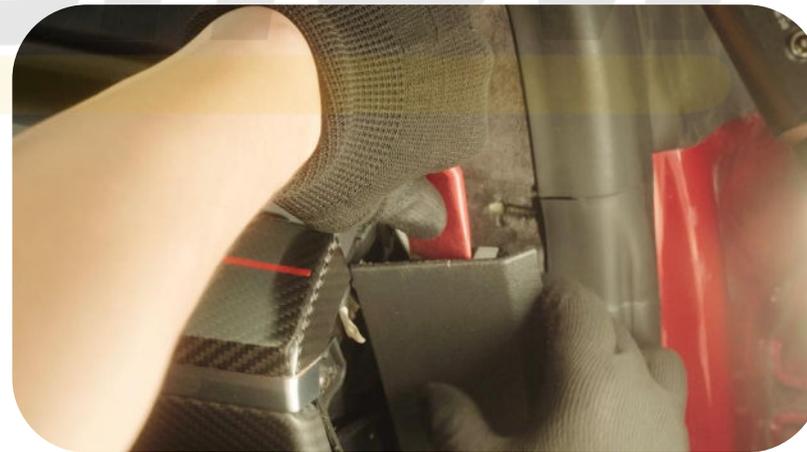
20. Install the saddle light and fix it.



21. Install the saddle leather trim as shown in the picture.



22. Lift down the instrument panel.
(Same operation on the left side)



23. Lift down the rectangular trim.
(Same operation on the left side)

Tesla Rainbow Ambient Light Installation Instructions



24. Lift off the buckle of the welcome pedal.
(Same operation on the left side)



25. Remove the footwell trim on the passenger side.
(Same operation on the left side)



26. Unplug the footwell cover.



27. Lift down the trim panel of the central control instrument.

Tesla Rainbow Ambient Light Installation Instructions (Optional Instrument Rainbow Panel)



28. Remove the mahogany trim on the instrument panel.



29. Remove as shown.

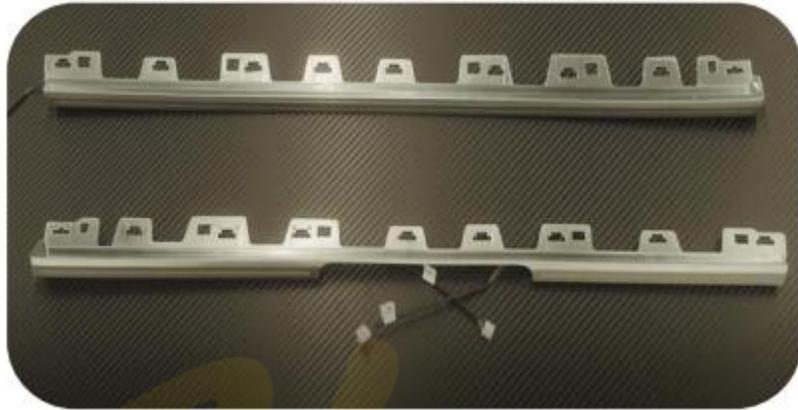


30. Install and secure the rainbow trim.



31. Correct installation diagram
(If you choose to install the instrument rainbow panel, you need to perform the above 4 steps, otherwise please skip)

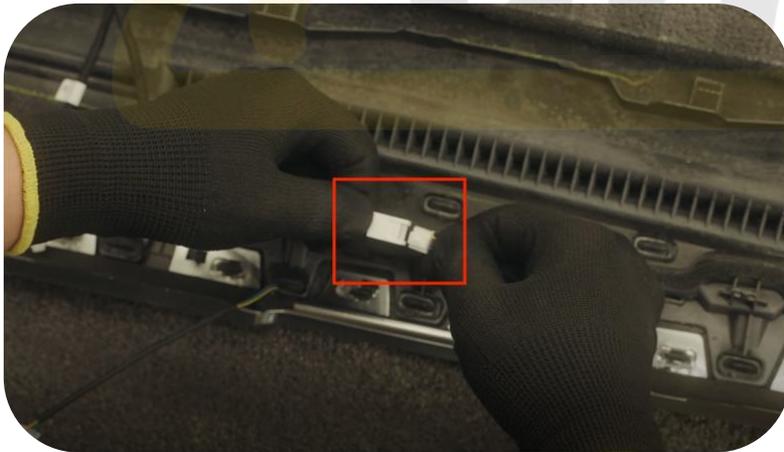
Tesla Rainbow Ambient Light Installation Instructions



32. Remove the original chrome strips of the car and replace them with ambient light trims.



33. Install as shown in the picture.



34. Connect the wires of the ambient light on the instrument panel.



35. Install 7 to the position as shown.

Tesla Rainbow Ambient Light Installation Instructions



36. Install the instrument panel



37. Remove the original passenger footwell lamp and replace it with the Hansshow footwell lamp. (Same operation for the left side)



38. Remove the screws in the red circle. (Same operation on the left side)



39. Open the door. (Same operation on the left side)

Tesla Rainbow Ambient Light Installation Instructions



40. Unplug the plug and emergency pull ring of the original car connection.
(Same operation on the left side)



41. Remove the speaker.
(Same operation on the left side)

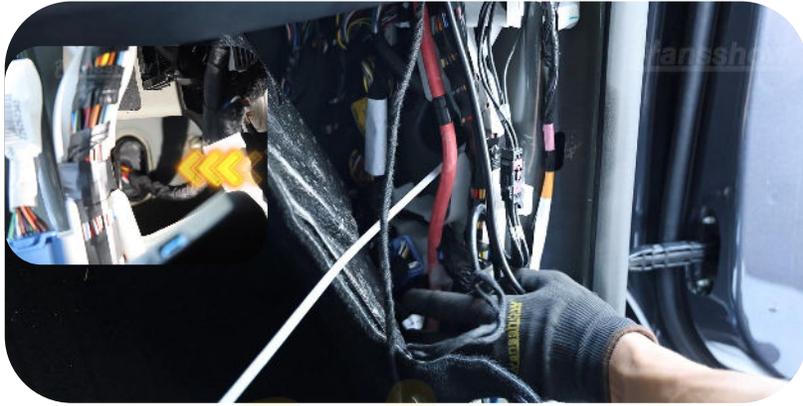


42. Pry off the waterproof hoses of the car body and door harness.
(Same operation on the left side)



43. Use the threading wire to pass the waterproof hose upward from the lower end to the inside of the car.
(Same operation on the left side)

Tesla Rainbow Ambient Light Installation Instructions



44. Put it on inside the car as shown in the picture. (Same operation on the left side)



45. Wrap one end of Part No. 11 and No. 17 onto the threading wire and pull it to the door end of the waterproof hose. (If you choose to install a rotating tweeter, you need to pull Part 16 into the door as well. Same operation on the left side)



46. Pass the wire through the speaker. (Same operation on the left side)



47. Lift off the original trim panel of the front door. (Same operation on the left side)

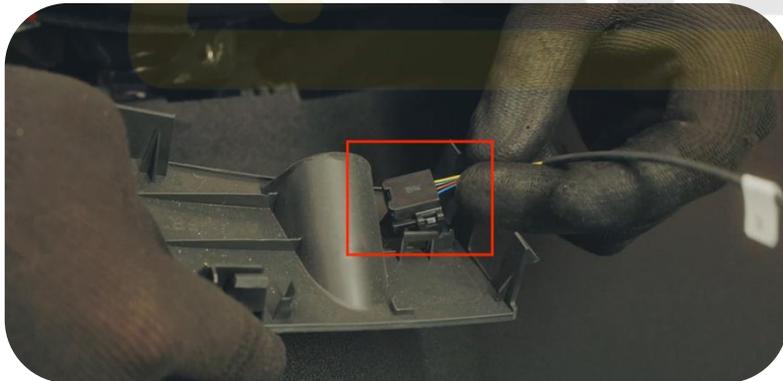
Tesla Rainbow Ambient Light Installation Instructions



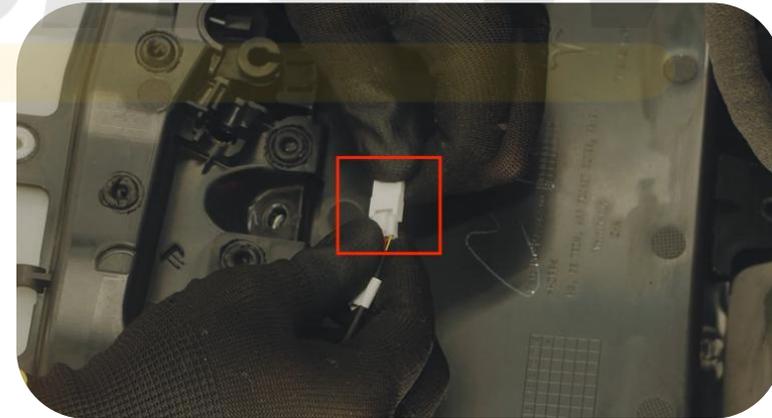
48. Install the rainbow trim.
(Same operation on the left side)



49. Remove the trim panel above the storage box on the front door. (Same operation on the left side)



50. Remove the original car storage box light and replace it with the Hansshow light head, and install it back to the original position (same operation on the left side)



51. Plug it into the plug on the door adapter cable of part No. 11. (Same operation on the left side)

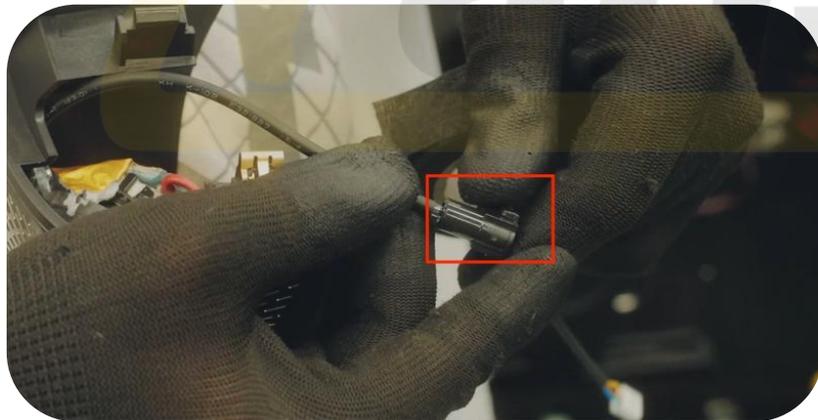
Tesla Rainbow Ambient Light Installation Instructions



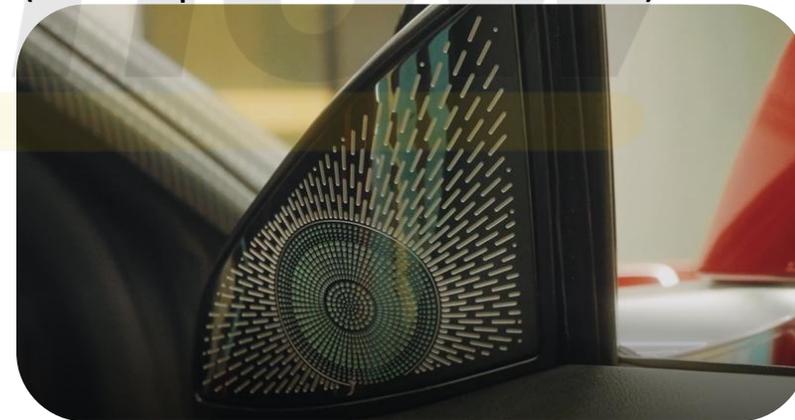
52. Take out the tweeter in the front door.



53. Remove the tweeter from the original car and install it on the Hansshow tweeter luminous cover. (Same operation on the left side)



54. Install the lamp head of the treble luminous cover included in the product box. (Same operation on the left side)



55. Product Correct Installation Diagram (skip this page if you choose the rotating tweeter)

Tesla Rainbow Ambient Light Installation Instructions



56. Remove the B-pillar trim.
(Same operation on the left side)



57. Remove the fixing screws of the rear door and pry open the door. (Same operation for the left side)



58. Remove the plug in the door panel.
(Same operation on the left side)



59. Remove the screws of the window lifter, just remove the two screws. (Same operation on the left side)

Tesla Rainbow Ambient Light Installation Instructions



60. Remove the waterproof hose of the wiring harness connecting the body and the door.
(Same operation on the left side)



61. Use a tool to pry open the white plastic buckle.
(Same operation on the left side)



62. Unplug the door cable plug.
(Same operation on the left side)

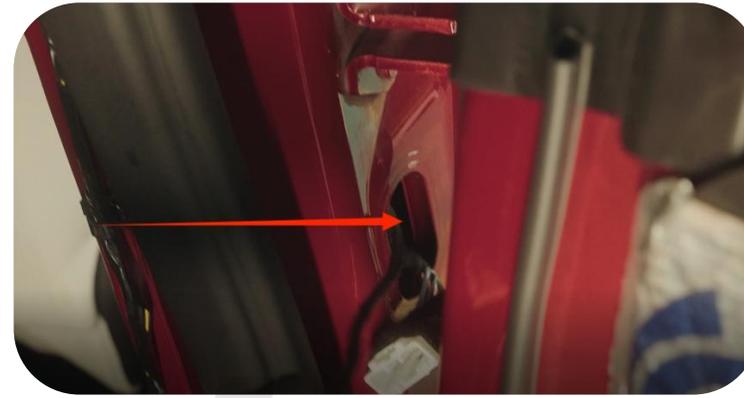


63. Pry open a little gap and pass the threading wire to the waterproof hose.
(Same operation on the left side)

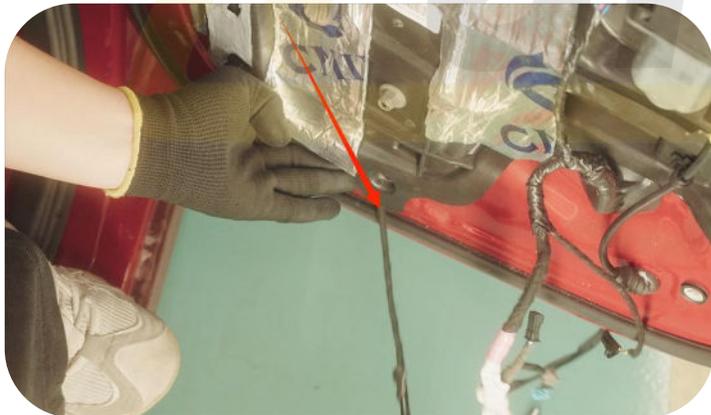
Tesla Rainbow Ambient Light Installation Instructions



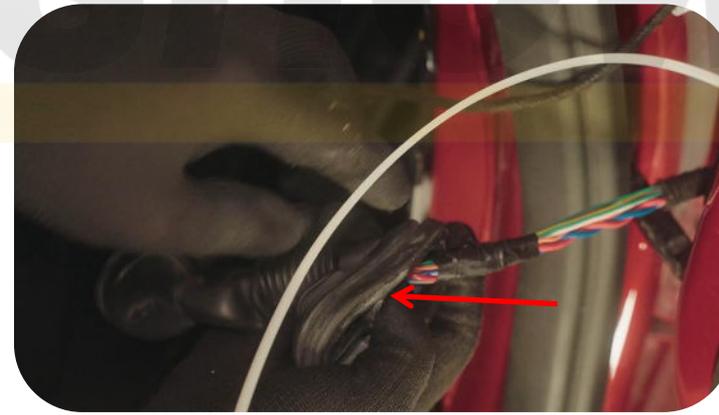
64. Pull out the threading line.
(Same operation on the left side)



65. Pass **No. 11 (the adapter cable for the rear door)** through here into the door. (Same operation on the left side)

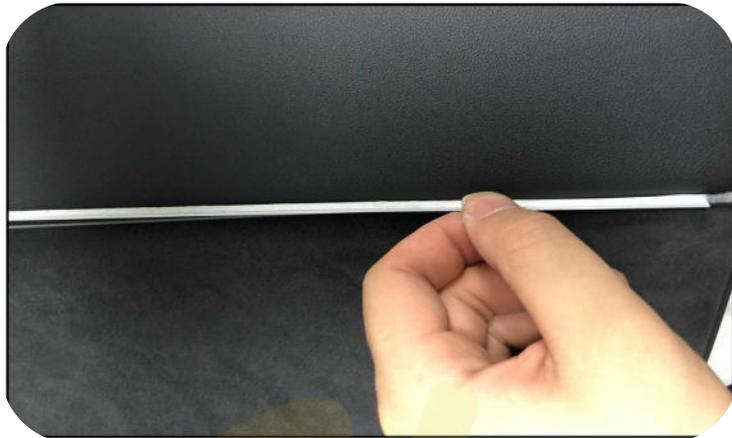


66. Pull out **No. 11 (the adapter cable for the rear door)** from here.
(Same operation on the left side)



67. Pass the power line end of **No. 11 (the adapter line of the rear door)** from the arrow to the B-pillar. (Same operation on the left side)

Tesla Rainbow Ambient Light Installation Instructions



68. Insert No. 8 (the light bar on the rear door) into the gap of the rear door (Same operation on the left side)

69. Pictures of correct installation.



70. Plug in the ambient light plug and the original car plug, and install the car door.

Renderings of Tesla's Rainbow Ambient Lights



71. Pictures of correct installation.

Tesla Rainbow Ambient Light Troubleshooting Guide

Question	Reason	Solution
Door light doesn't light up	Wrong way of taking power	The cigarette lighter position is plugged into the power source
	Test by pulling out the light strip alone	Light strips in some areas are short circuited
	The voltage is unstable and lower than the working voltage	The power supply voltage needs to be greater than 12v
The color of some areas is abnormal and out of sync.	Light strip short circuit	Check the wiring of the light bar and adjust the independent color to see if it is normal
The touch panel cannot be controlled	The fuse on the power adapter is blown	Replace the fuse on the power adapter cable
	Touchpad damaged	Replace the entire panel
The touch panel cannot be adjusted	Control module is damaged	Replace control module
Power	Ultra low power consumption	6w (much lower than other ambient lights)
Can Model 3 and Model Y be used together?	Can't	The mold of the luminous horn cover is different, but everything else is the same
Product Size	86*38*13CM	
Weight	About 3.9-4.4KG	

Hansshow provides 1 - year extended warranty service.
Send us your customer number to get 1 - year full warranty.

Email:
inquiry@hansshow.com



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