Tesla Model S

For 17-21 Tesla Model S

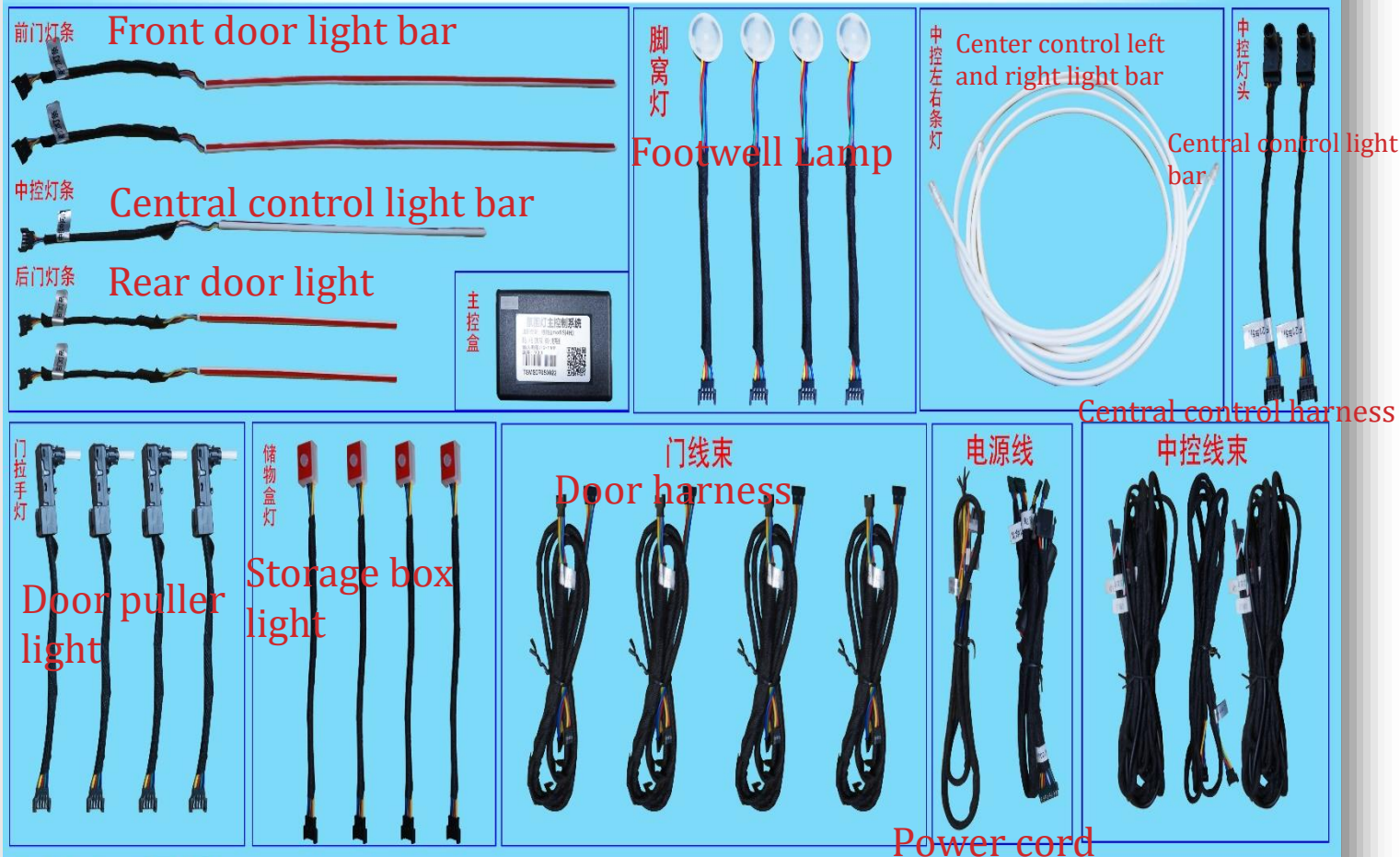## Ambient light installation tutorial

Installation Notes

1. non-professionals please do not install it yourself, so as not to cause damage to the machine and other accidents.

2. Check whether the vehicle functions are normal and whether the surface of the car is scratched before loading. If there is any problem, we should respond to the customer in time.

3. Before dismantling the car, the installer should remove all metal objects and other hard objects carried by him/her to prevent To prevent damage to the car seats or interior trim in the disassembly process.

4. During the installation process, pay attention to put the removed car components to avoid scratching the car dashboard, wiring The debris left behind during the wiring should be cleaned up in time and not left in the car, and the wiring head must be well isolated to prevent short circuit. The wiring must be well isolated to prevent short circuit.

5. wiring to be reasonable, the car installation space is relatively limited, try to reduce the space occupied, easy to host Installation, the host connection line should be well planned. Avoid walking the line to affect the moving parts of the car, such as the steering wheel moving shaft, throttle, etc. Such as steering wheel moving shaft, gas and brake pedal and other vehicle control parts. After the wire harness is finished, it needs to be 6. Do not leave the power on.

6. Do not plug and unplug the connected wires and accessories in the power on state, so as not to damage the main unit or accessories by hot plugging. The main unit or accessories may be damaged by hot-swapping.

Product Images

Tesla Model S 15-20 models   19 lights   64 colors ambient light

特斯拉 modl S 15-20 款 19 灯 64色氛围灯

前门灯条 **Front door light bar**

中控灯条 **Central control light bar**

后门灯条 **Rear door light**

主控盒

脚窝灯 **Footwell Lamp**

中控左右条灯 **Center control left and right light bar**

中控灯头 **Central control light bar**

Central control harness

门拉手灯 **Door puller light**

储物盒灯 **Storage box light**

门线束 **Door harness**

电源线 **Power cord**

中控线束

控制方式：手机控制

功能：单色-呼吸-爆闪-渐变-音乐律动

灯组19灯：中控3灯+门轮廓4灯+脚窝4灯+门拉手4灯+门储物盒4灯

19 Lights

Center: 3 lights
Footwell: 4 lights (front and rear rows)
One door: 3 lights x4 (contour light + small box light + storage box light)

Function

1.Small program control 64 colors
2. Threading installation
3. mode: monochrome → breathing → burst flash → fade → music rhythm
4. Adjustable color and brightness

Wiring

Main box: 1. Power supply connected to the long power 12V or ACC 2.
Small light wire to the original small light wire or ACC.

Specification

1. Working voltage: DC 10V-16V
2. Operating current: main box 3A
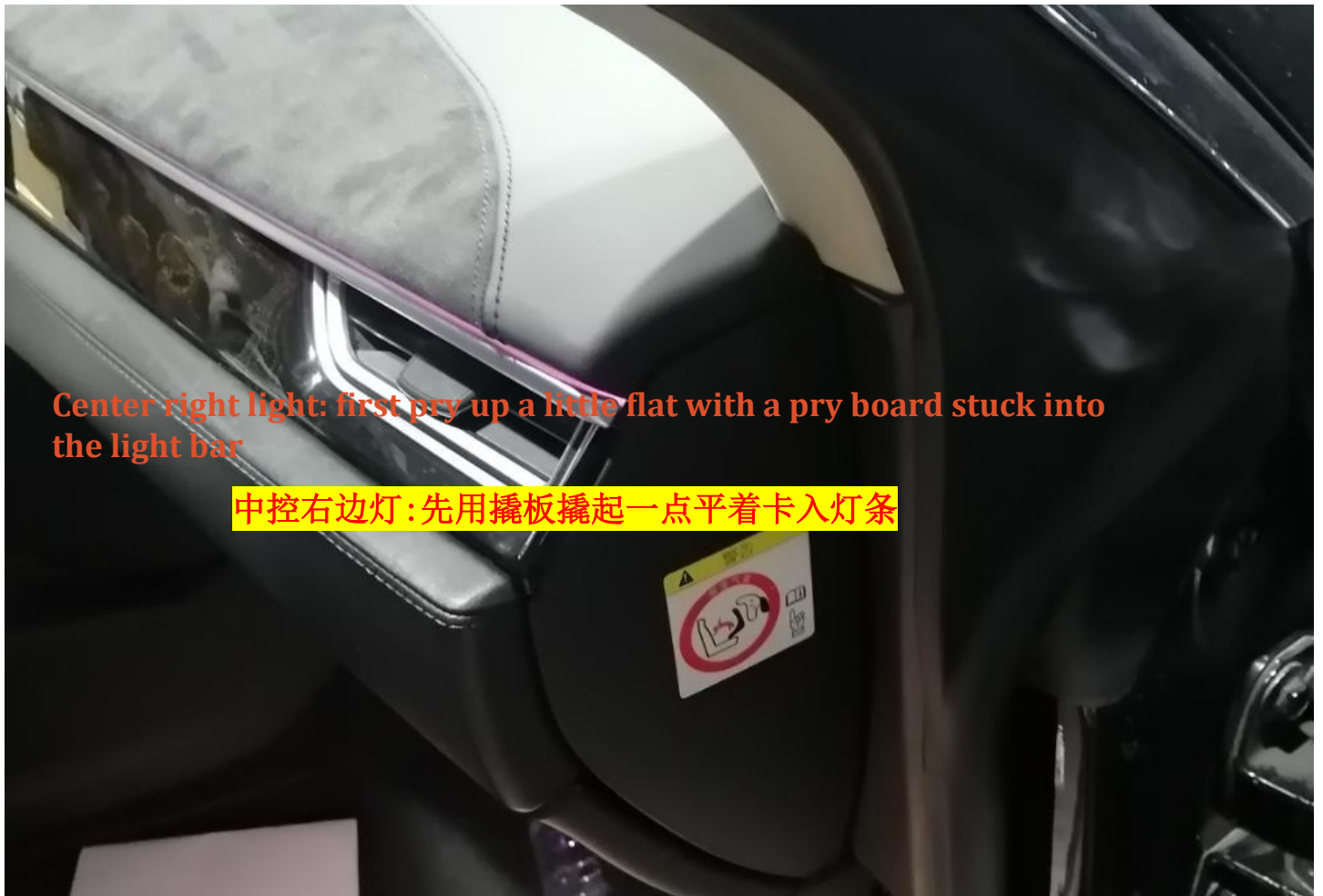3. Standby current: main box 1.5mA

Wiring: power supply connected to the long power 12V or ACC
Ground wire: lap iron
Small light line: connect ACC to the line can be controlled before installation
WeChat small program control 64 colors (sweep the box QR code, inside the connection steps)

2.剪掉灯条装入内部，灯头从右侧板内照出

2. Cut off the light bar to fit inside, the light head from the right side of the board to shine out.

1.撬起一点卡入灯条，灯头左侧板内照出。

1. Pry up a little stuck into the light bar, the left side of the light head inside the plate shine out.

3. Pry up a little to install the LED strip.

3.撬起一点装入 LED 灯条

4.脚窝灯:前脚居中位置打孔安装。后排用扎带固定

4. Footwell lights: the front foot centered position punched holes to install. The rear row is fixed with a tie.

Center left light: first pry up a little flat with a pry board stuck into the light bar

中控左边灯:先用撬板撬起一点平着卡入灯条

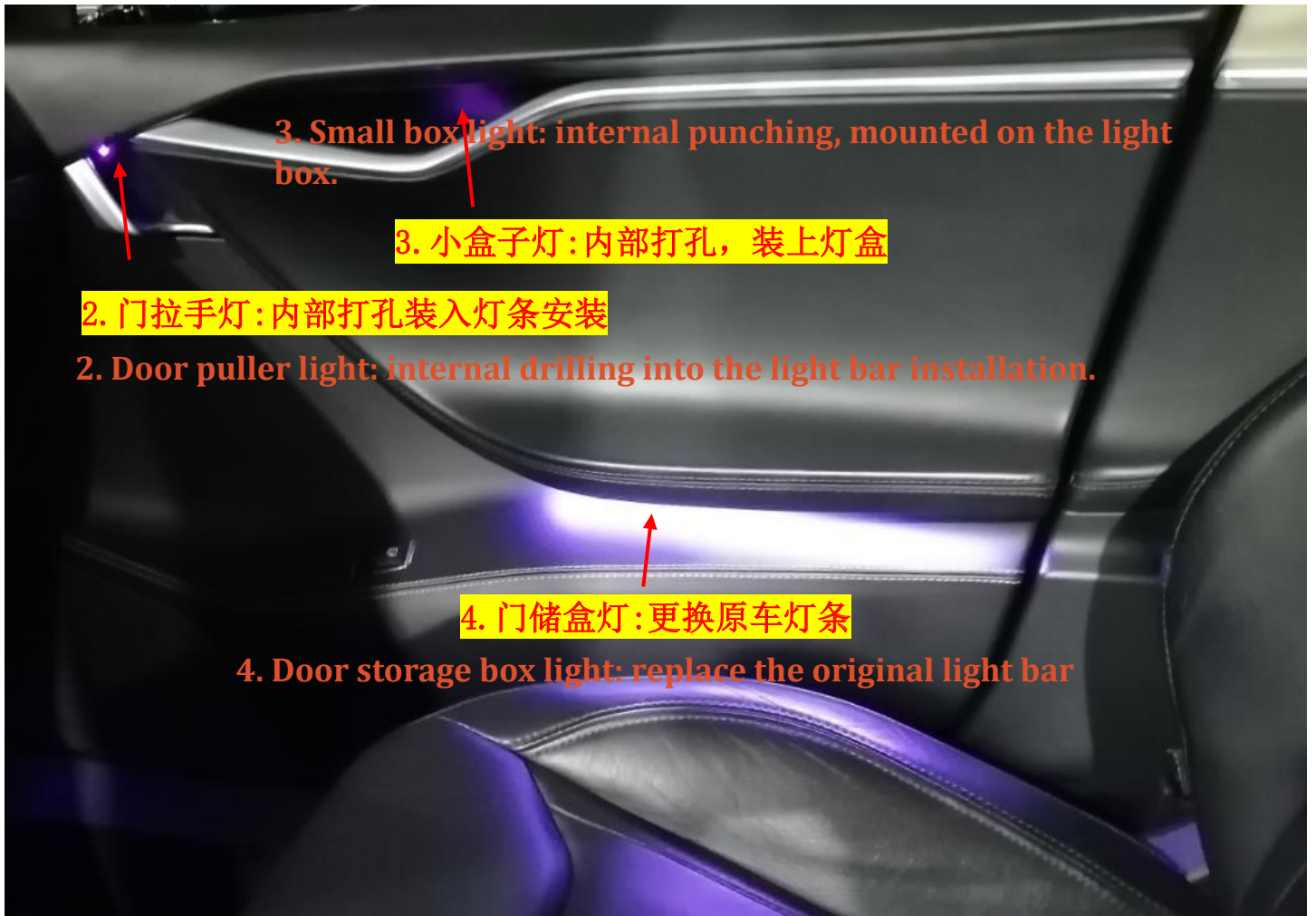Center right light: first pry up a little flat with a pry board stuck into the light bar

中控右边灯:先用撬板撬起一点平着卡入灯条

8. Door disassembly and installation

1.拆开小盖板，取出螺丝拆下门板

1. Remove the small cover plate, remove the screws to remove the door panel.

3. Small box light: internal punching, mounted on the light box.

3. 小盒子灯:内部打孔，装上灯盒

2. 门拉手灯:内部打孔装入灯条安装

2. Door puller light: internal drilling into the light bar installation.

4. 门储盒灯:更换原车灯条

4. Door storage box light: replace the original light bar

拆开螺丝打孔

Disassembling screws for drilling holes

2. 门拉手灯:对好位置内部平着打孔

2. Door handle light: the right position of the internal flat punching.

2. Door handle light: the right position to punch a hole
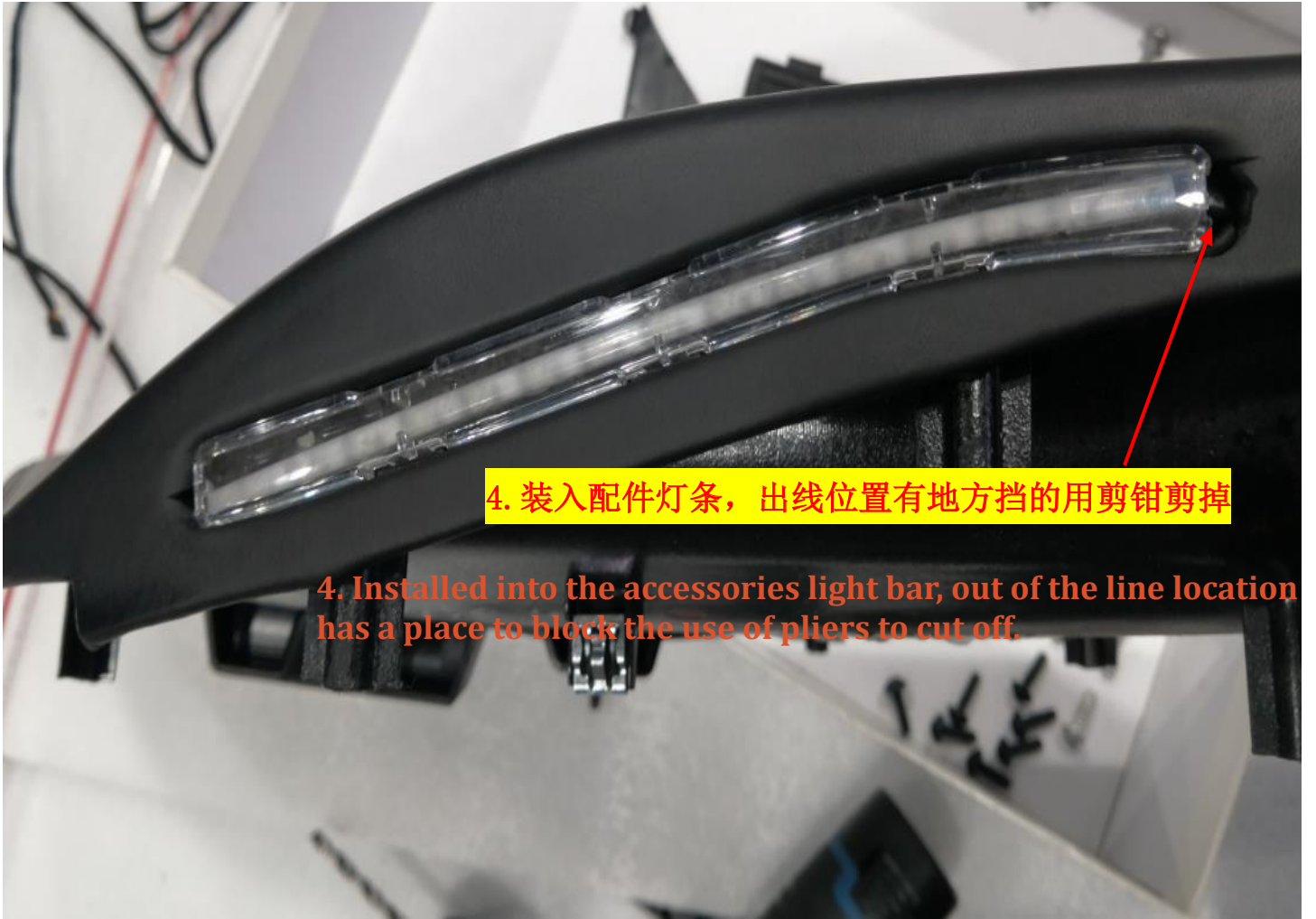
2.门拉手灯:对好位置打孔

灯条用黑胶布包大一点装入孔位

Light bar with black tape wrapped a little larger installed into the hole position.

3. 小盒子灯，对好位置内部平着打孔

3. Small box lights, the right position inside flat with holes.

3. 小盒子灯：打孔固定好灯盒
3. Small box light: punch a hole to fix the light box.

4. Door storage box light: remove the original light bar.

4.门储物盒灯：拆开原车灯条

4. 装入配件灯条，出线位置有地方挡的用剪钳剪掉

4. Installed into the accessories light bar, out of the line location has a place to block the use of pliers to cut off.

Common Problems

Fault image	Possible Causes	Solution
Light not on	The line is not installed in place brightness off	1. Power supply with or without 12V voltage, whether the ground wire is connected 2. whether the adapter plug is installed in place. Adjust the brightness
gloomy	The light head is loose, the light guide does not touch the light head to remove the bend The curvature is too large.	Check Reinstallation
Abnormal color	Card line touch short circuit, line position error, plug terminal insertion bias	Check the alignment, the color of the line position is consistent, replace the lamp head