BMW E90 3 Series

Installation Guide



Installation Precautions

1. Non-professionals must not install the product themselves, to avoid damage to the device or other accidents.
2. Before installation, check that all vehicle functions work properly and that there are no scratches on the interior surfaces. Report any issues to the customer promptly.
3. Before disassembling the vehicle, remove all metal objects and other hard items you are carrying to prevent damage to the seats or interior during installation.
4. During installation, place removed vehicle components carefully to avoid scratching the interior. Properly insulate every wire connection to prevent short circuits. Wiring inside the vehicle.
5. Route the wiring properly. If interior installation space is limited, consolidate the wiring harnesses and routing to prevent them from coming loose. Tie up the wiring so it does not interfere with the steering wheel, gear lever, or brake pedal. Secure
6. Do not plug in or unplug connected cables or accessories while the power is on, as hot-plugging may damage the main unit or accessories.

WeChat Mini Program QR Code



Mobile App QR Code



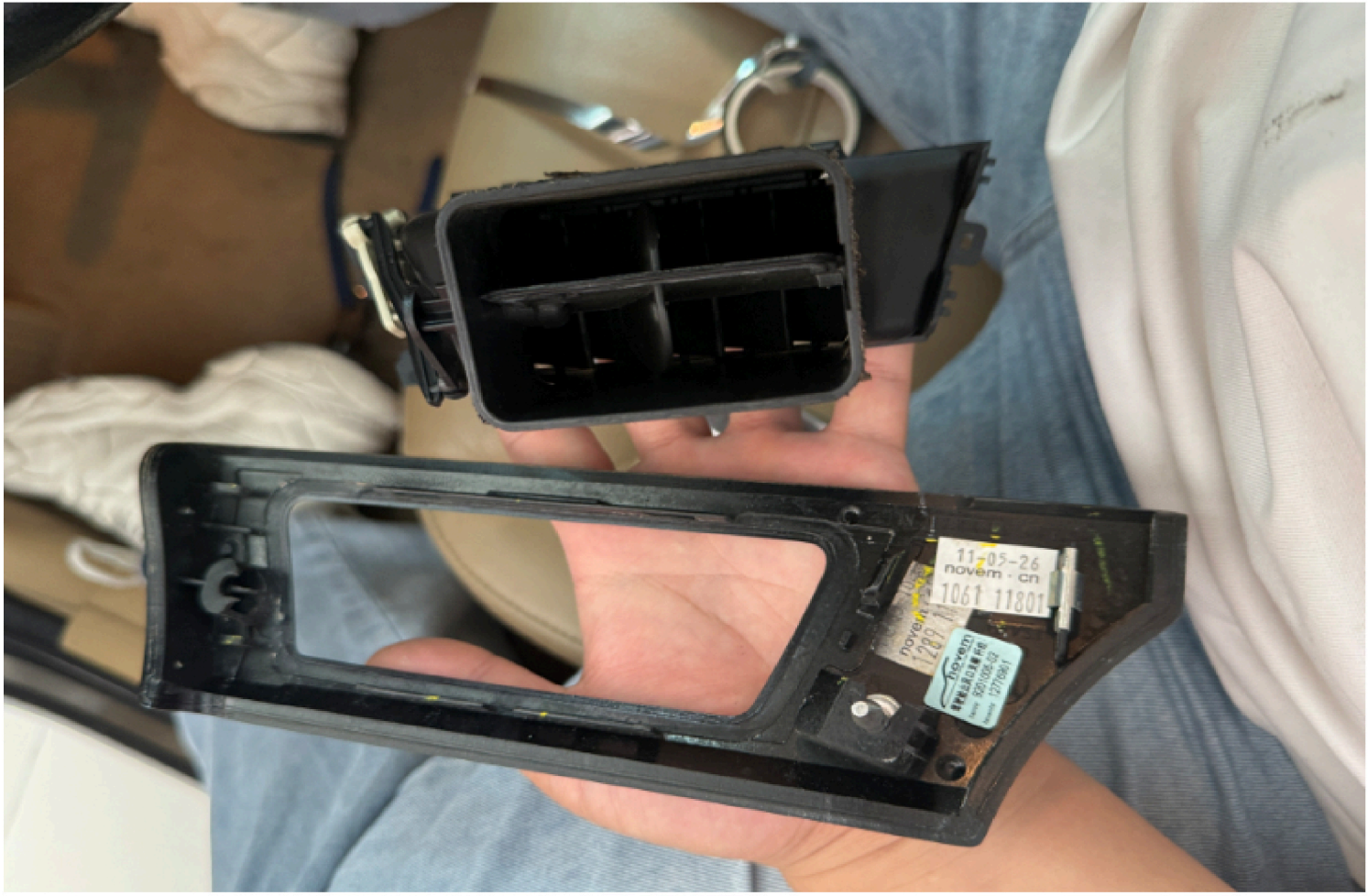
Ambient Light Installation Guide



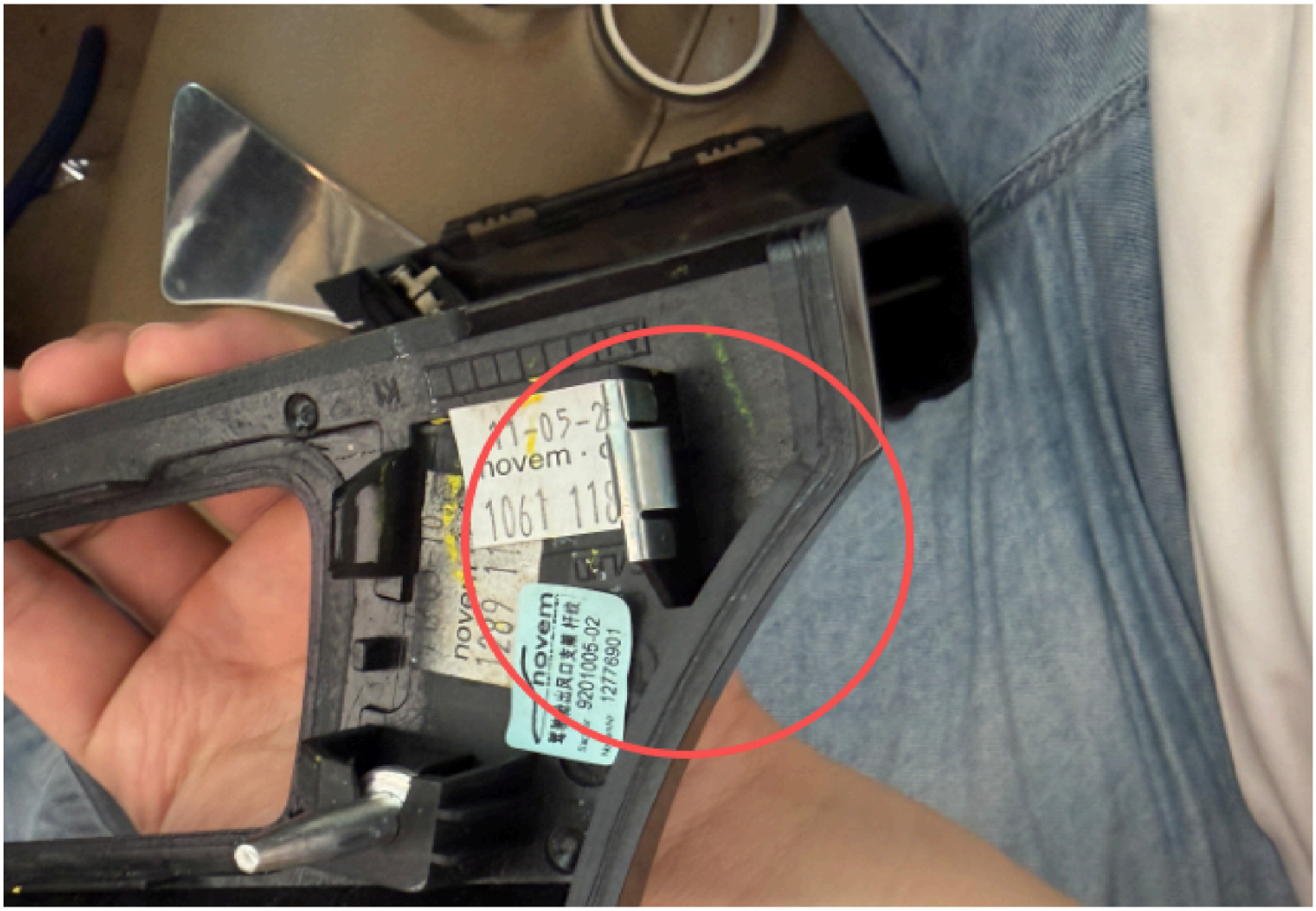
1. Use a trim removal tool to pry out the driver-side air vent.



2. No screws; it is secured with clips.



3. Disassemble the original air vent.



4. Remove the original vehicle clips and install them on our mold/template.



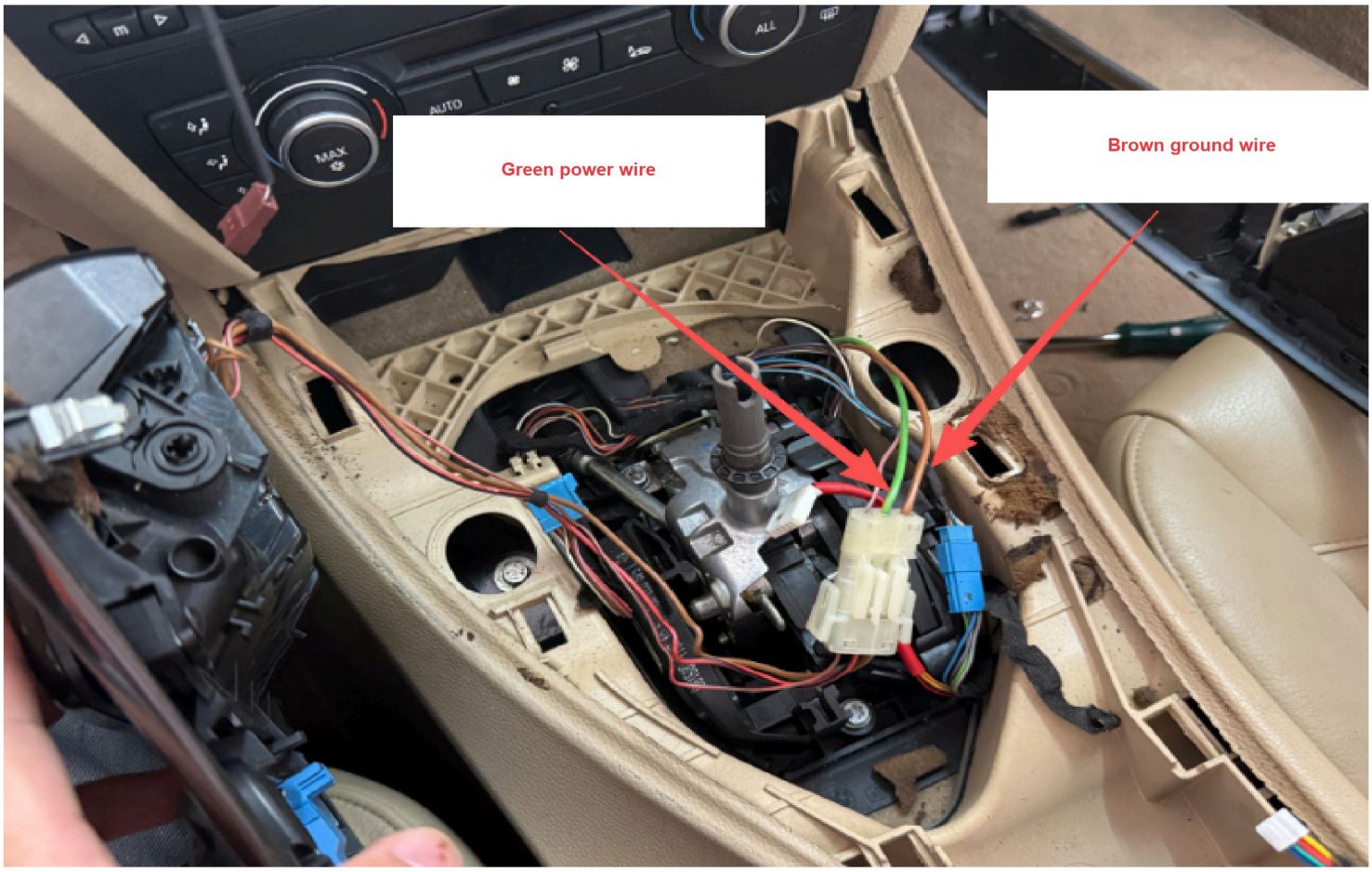
5. Install the air vent onto our mold/template.



6. Remove the original gear selector.



7. Pry up the center console from the rear.



8. Connect the power and ground wires according to the wiring definition.



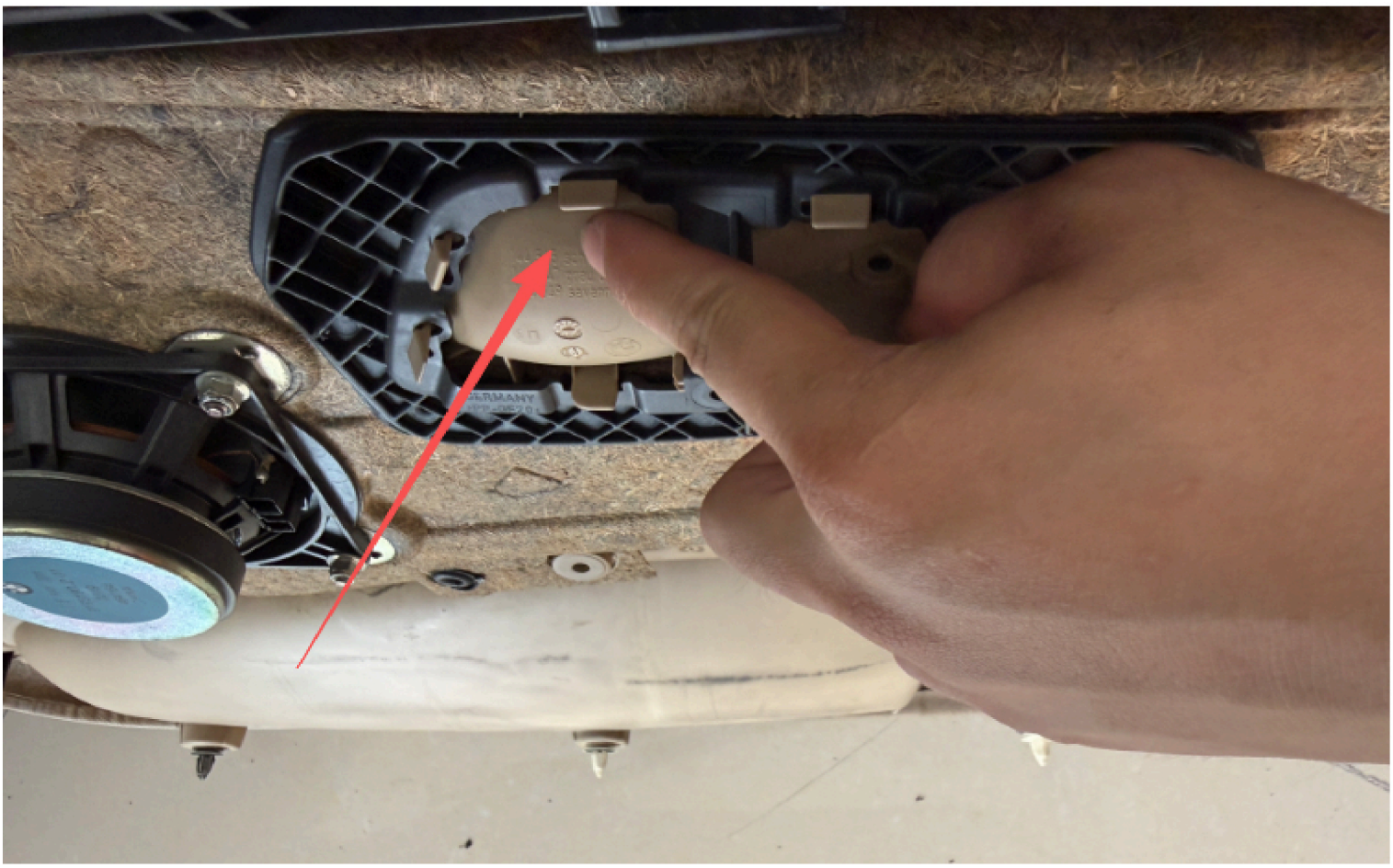
9. There are screws at the indicated locations. Remove the trim panel and then remove the screws.



10. Insert the trim removal tool, then pry out the door panel.



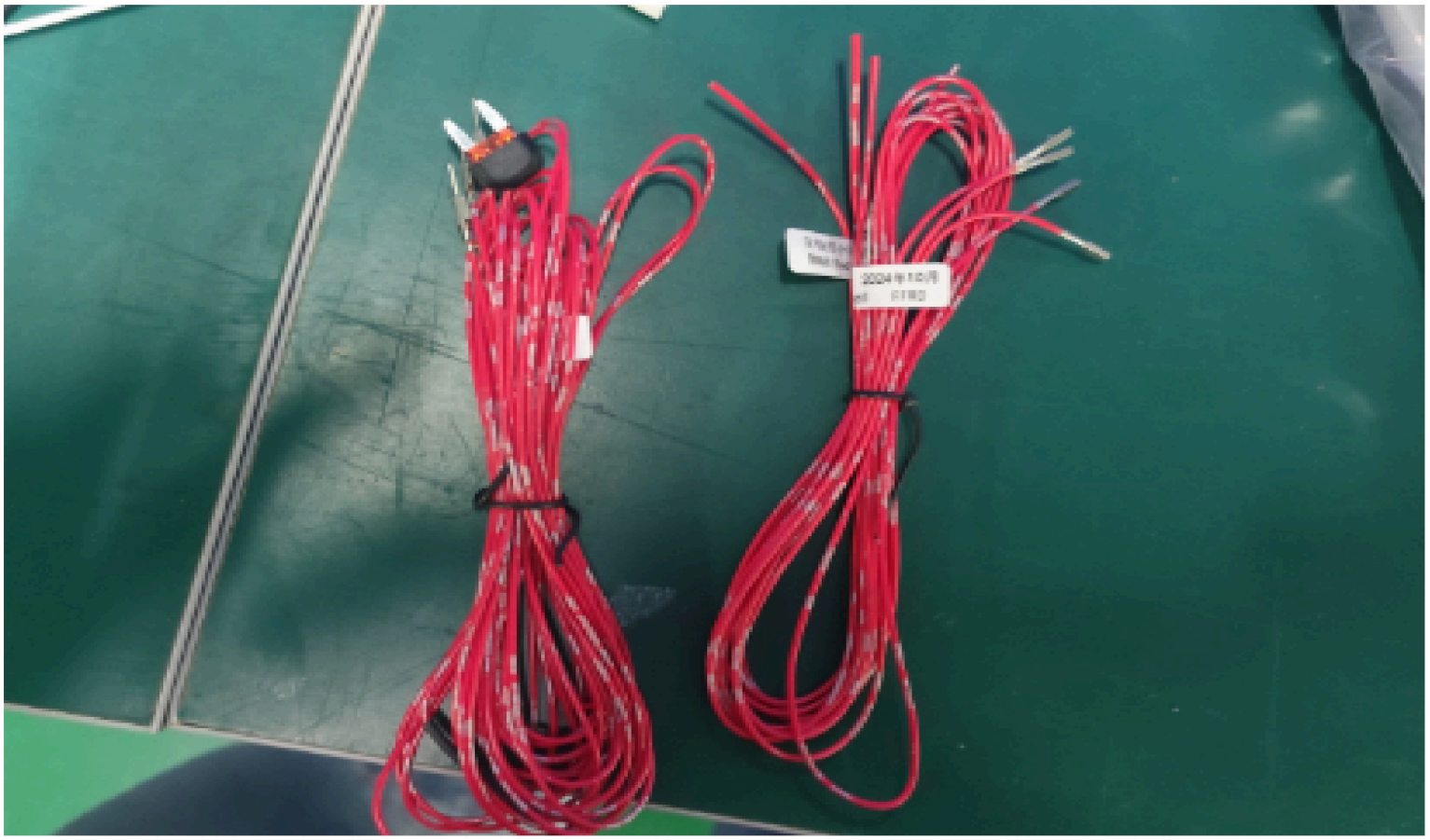
11. Install the light strip at the indicated location by inserting it directly.



12. Drill a hole and install the handle light at the indicated location.



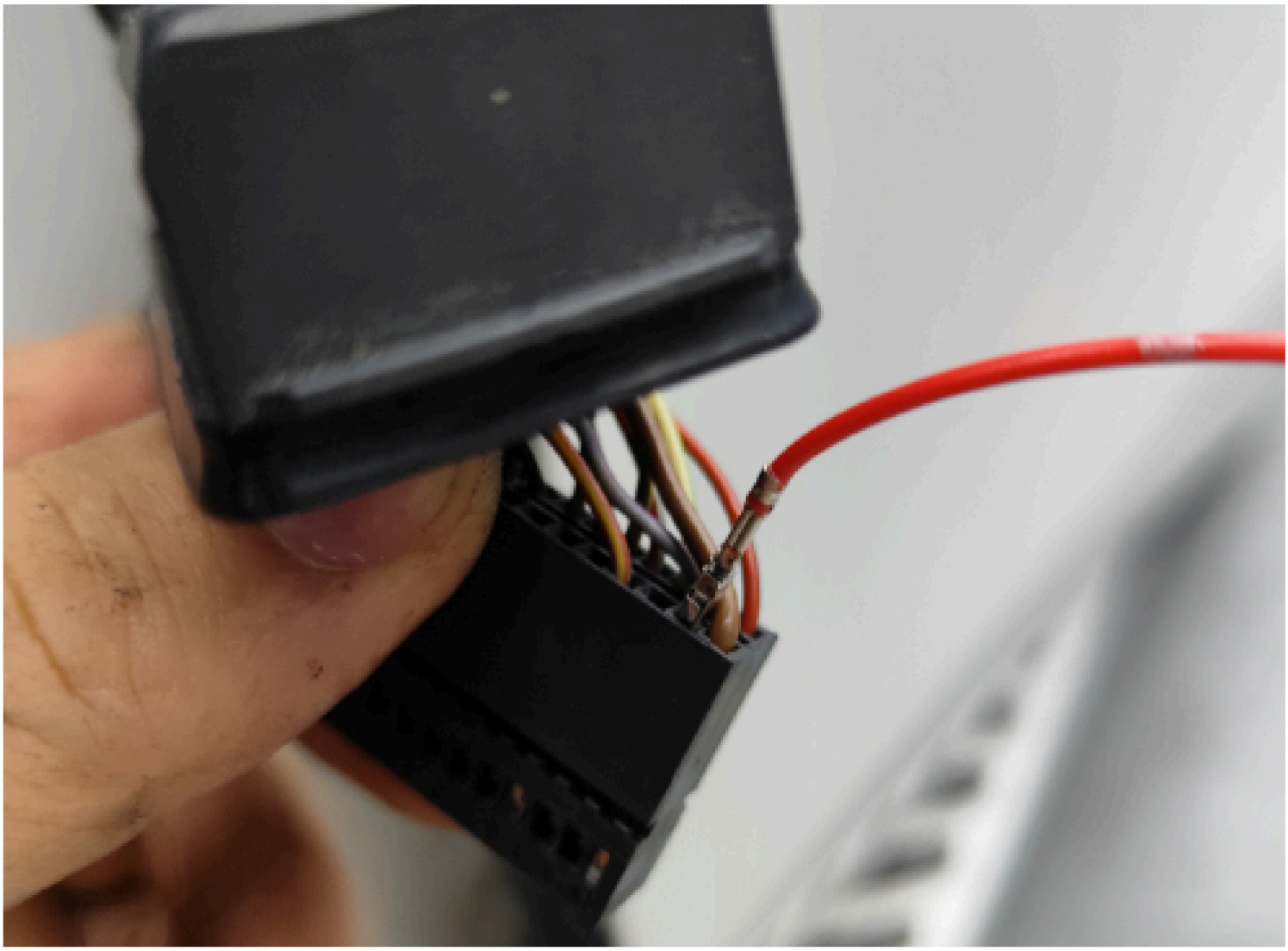
13. Drill a hole and install the storage-compartment light at the indicated location.



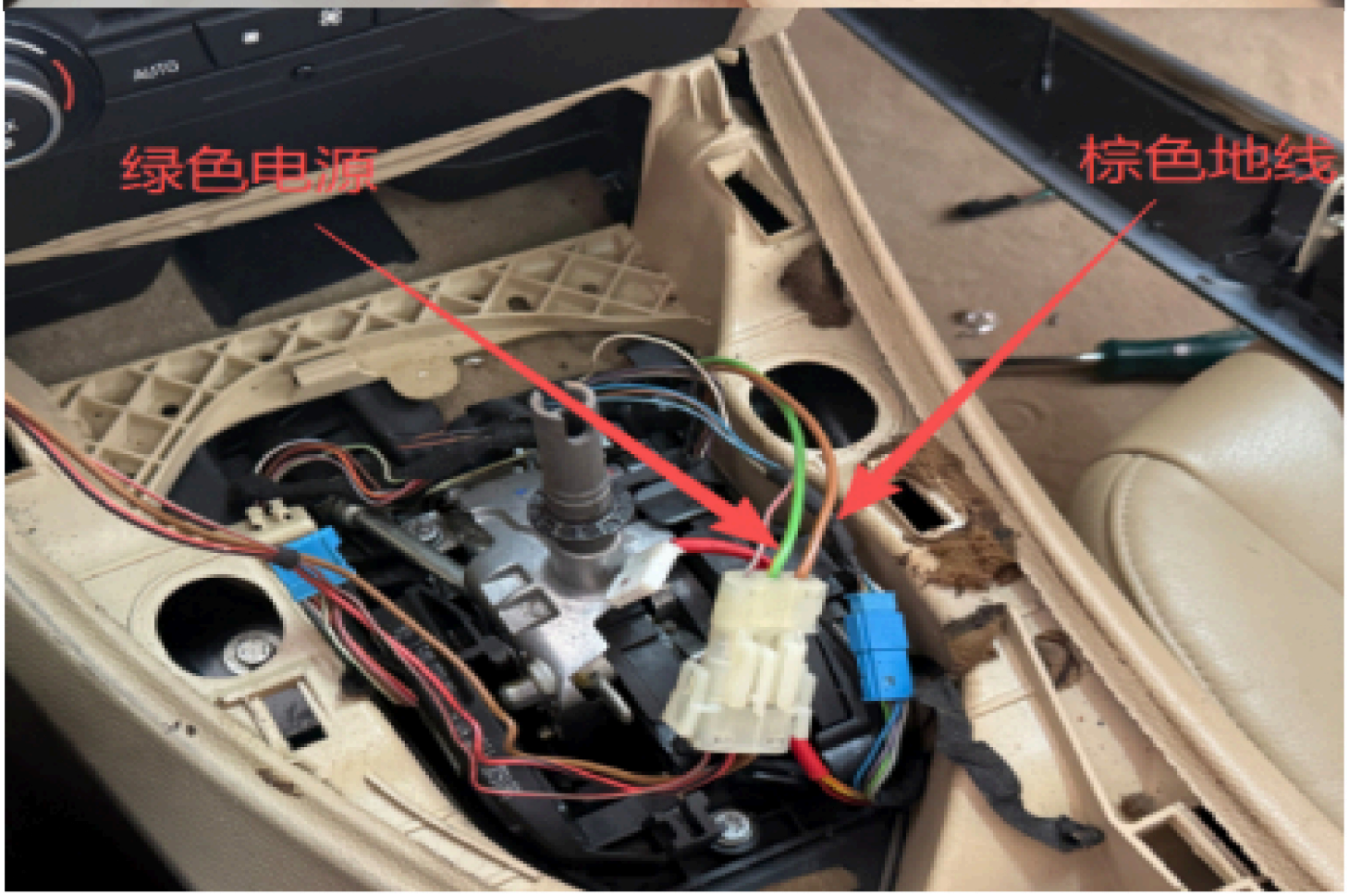
14. There is no 12 V power supply inside the door panel. Route a wire and connect it to the cigarette lighter.



15. Disassemble the connector and insert our terminals into the unused positions of the original connector.







16. As shown in the illustration.

Control Box Fault Diagnosis

Communication protocol failure:

Main box indicator flashes three times in rhythm.

Working normally:

Main box indicator flashes rapidly.

Software update failed:

Slow flashing, one flash at a time.

Four secondary boxes do not light up:

If powered but unlit, pair them with the main unit.

1.

Mini Program/app: About > Factory Settings > 1688 > Function Code 1 > Confirm.

2.

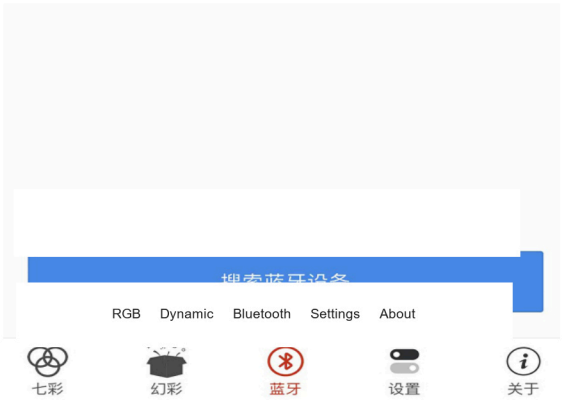
Permanent pairing: hold a pin in the secondary-box pinhole for more than 3 seconds.

Common Problems and Solutions

Fault Symptom	Possible Cause	Solution
Light does not turn on	Poor power connection; brightness off	Check power/ground; increase brightness
Light is dim	Light guide position or bend is incorrect	Reinstall the light guide
Abnormal color	Short circuit in the cable	Check wire routing
Cannot control	Incorrect switch setting	Check the switch

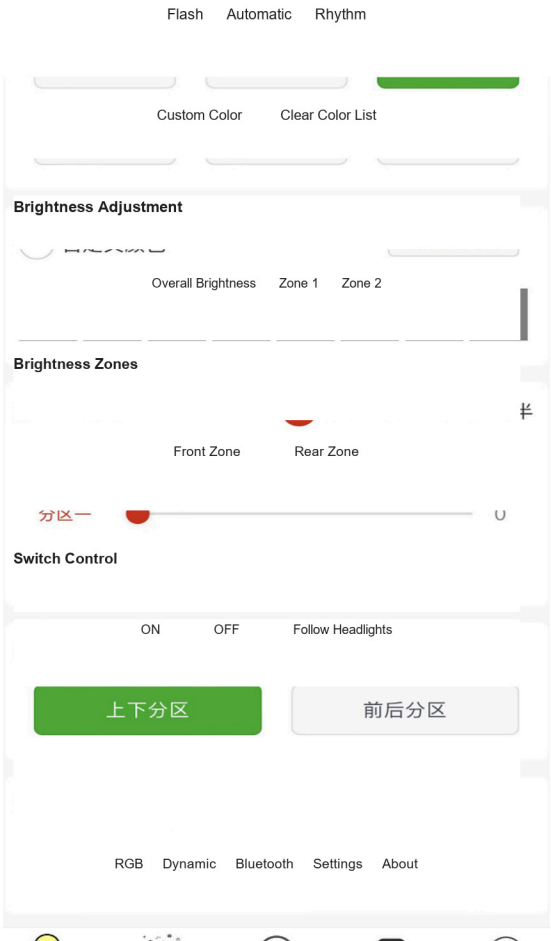


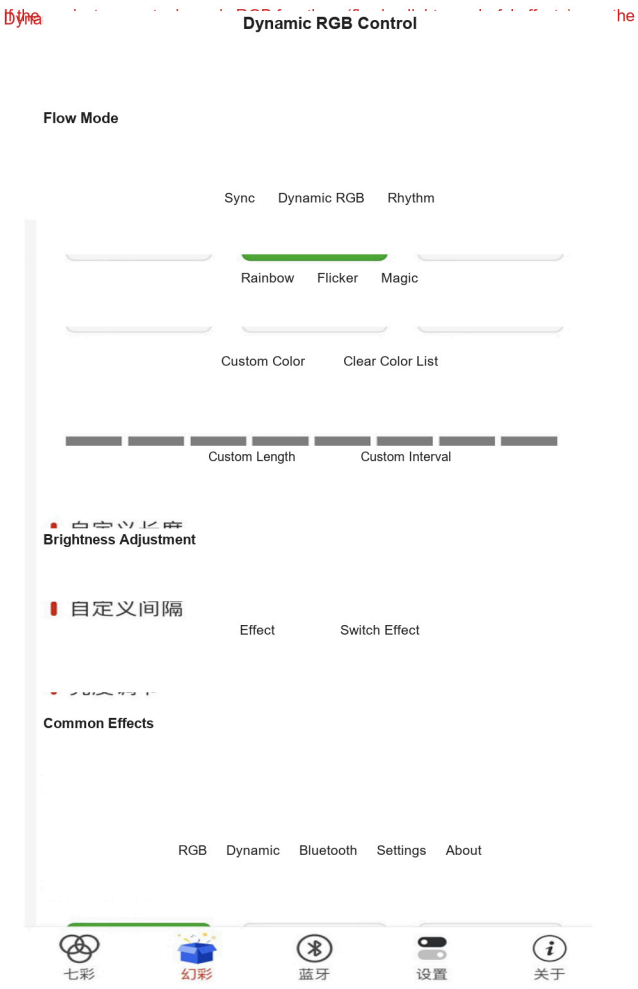
Turn on Bluetooth, open the WeChat Mini Program or mobile app, search for devices whose name begins with "ATW", and connect to the main control box. Choose the device whose



Enter the RGB interface (64-color or single-color





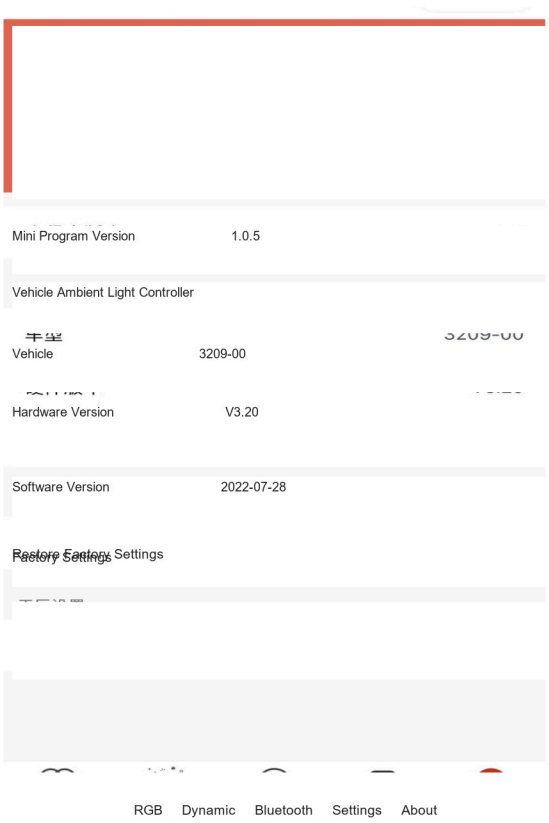


Products with a welcome-light function can be configured here.

Ambient Light Control

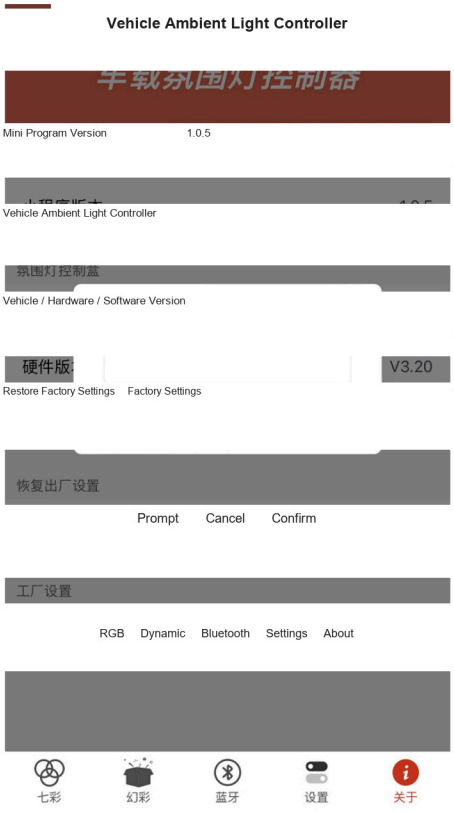


About

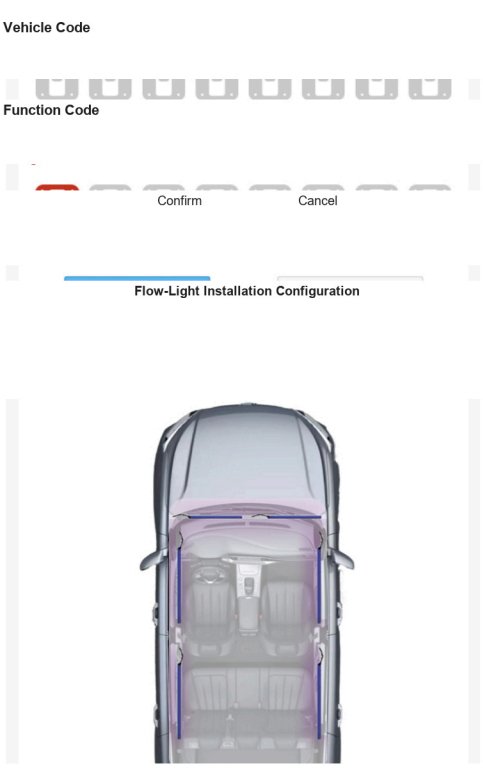


If the main control box lights up but the four door secondary boxes do not, tap Factory Settings > password 1688 > Function Code 1 > Confirm to pair the main control box and turn them on.

About



Ambient Light Control



Ambient Light Control



带AI语音功能指令明细表

声控氛围灯指令 2022-07				
序号	类别	词条	播报语音	备注
1	唤醒词	你好氛围灯	我在/我来了/请说	唤醒词可以自定义，方法： 1）用‘你好氛围灯’唤醒 2）说‘开始学习唤醒词’，根据语音提示操作
2	退出	退出调节	有需要再叫我	
3	开关	关闭氛围灯	好的/氛围灯已关闭	
4		打开氛围灯	好的/氛围灯已打开	
5	颜色控制	红色	好的/已切换	
6		橙色	好的/已切换	
7		黄色	好的/已切换	
8		绿色	好的/已切换	
9		青色	好的/已切换	
10		蓝色	好的/已切换	
11		紫色	好的/已切换	
12		粉红色/粉色	好的/已切换	
13		白色	好的/已切换	
14	模式控制	呼吸模式	好的/已切换	
15		渐变模式	好的/已切换	
16		自动模式/多色呼吸	好的/已切换	
17		爆闪模式	好的/已切换	
18		音律模式/音乐模式/律动模式	好的/已切换	
19		幻彩模式	好的/已切换	幻彩专用
20		七彩模式/拖尾模式	好的/已切换	幻彩专用
21		炫动模式	好的/已切换	幻彩专用，通过‘换个方向’指令切换流水方向，共4个方向，从左到右、从右到左、中控往两边、两边往中控
22		魔幻模式/魔彩模式/光影模式	好的/已切换	幻彩专用
23		亮度1	好的/已调整	
24		亮度2	好的/已调整	