



CL1800

Installation Guide

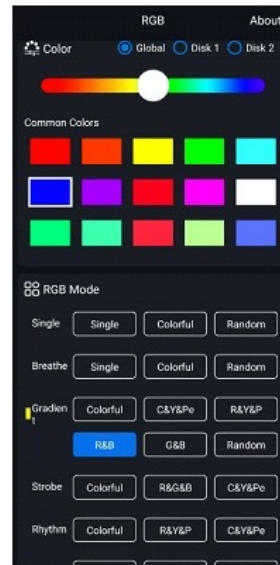
Optix Custom Interior Lighting

Over 180 modes to choose from with phone APP

Adjust moving colors or fix to any single color

Set the light color to change with the music

Over 18 pieces of led lighting in the kit



APP Screen

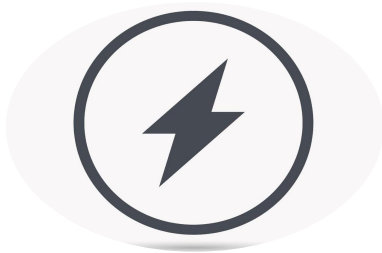


Click on Picture above for a Demo Video

Lighting Locations

1

Power
connector



2

Drive side light
connector



3

Passenger side light
connector



4

Footwell lights
connector(for 4 doors)



5

Center console light
connector



6

RGB light connector
(or for door outline)



7

Door pocket light
and RGB speaker
light connector



8

Handle light
connector



9

Dynamic multicolor
light(Trim panel)
and Dynamic
multicolor speaker
light connector

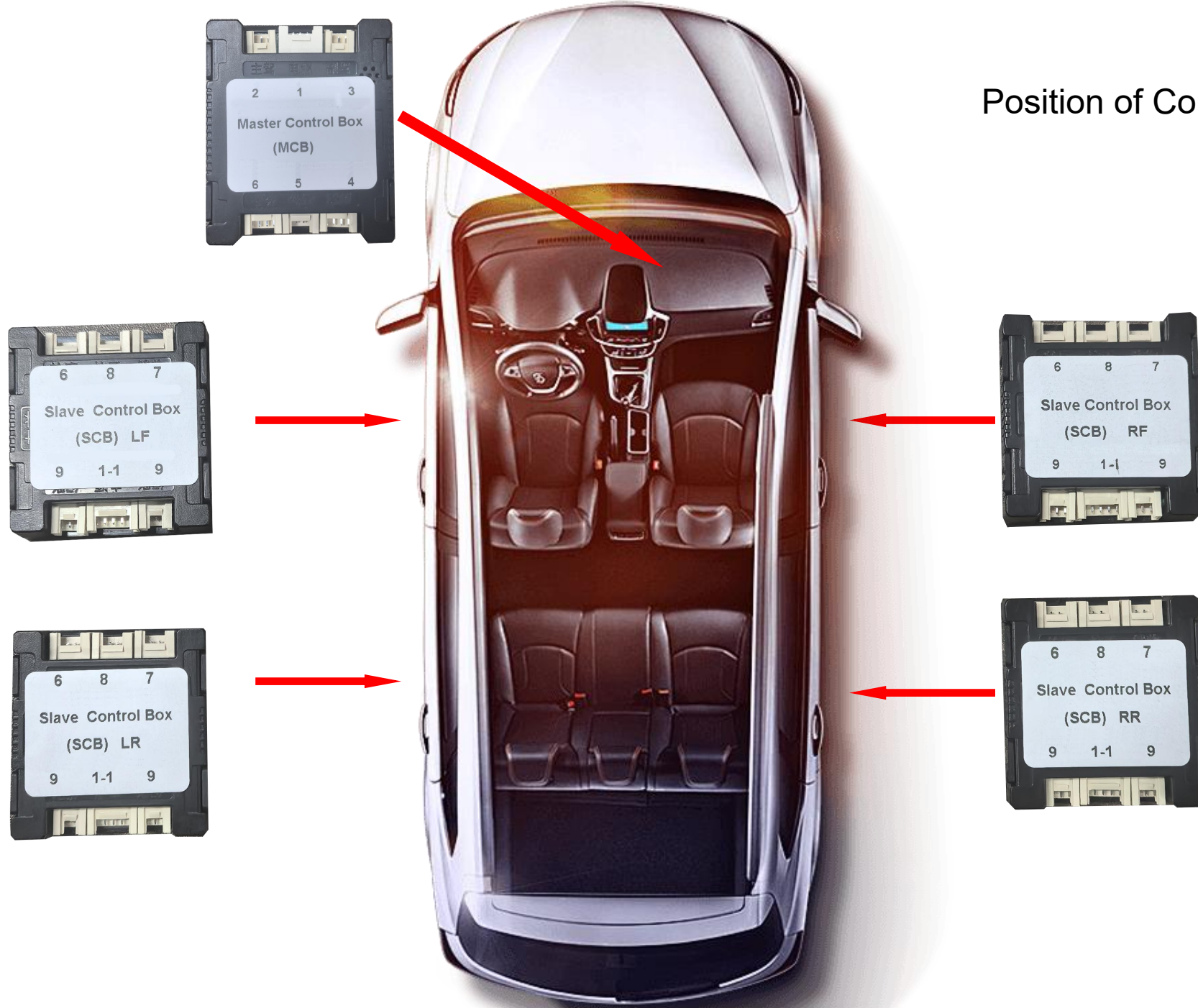


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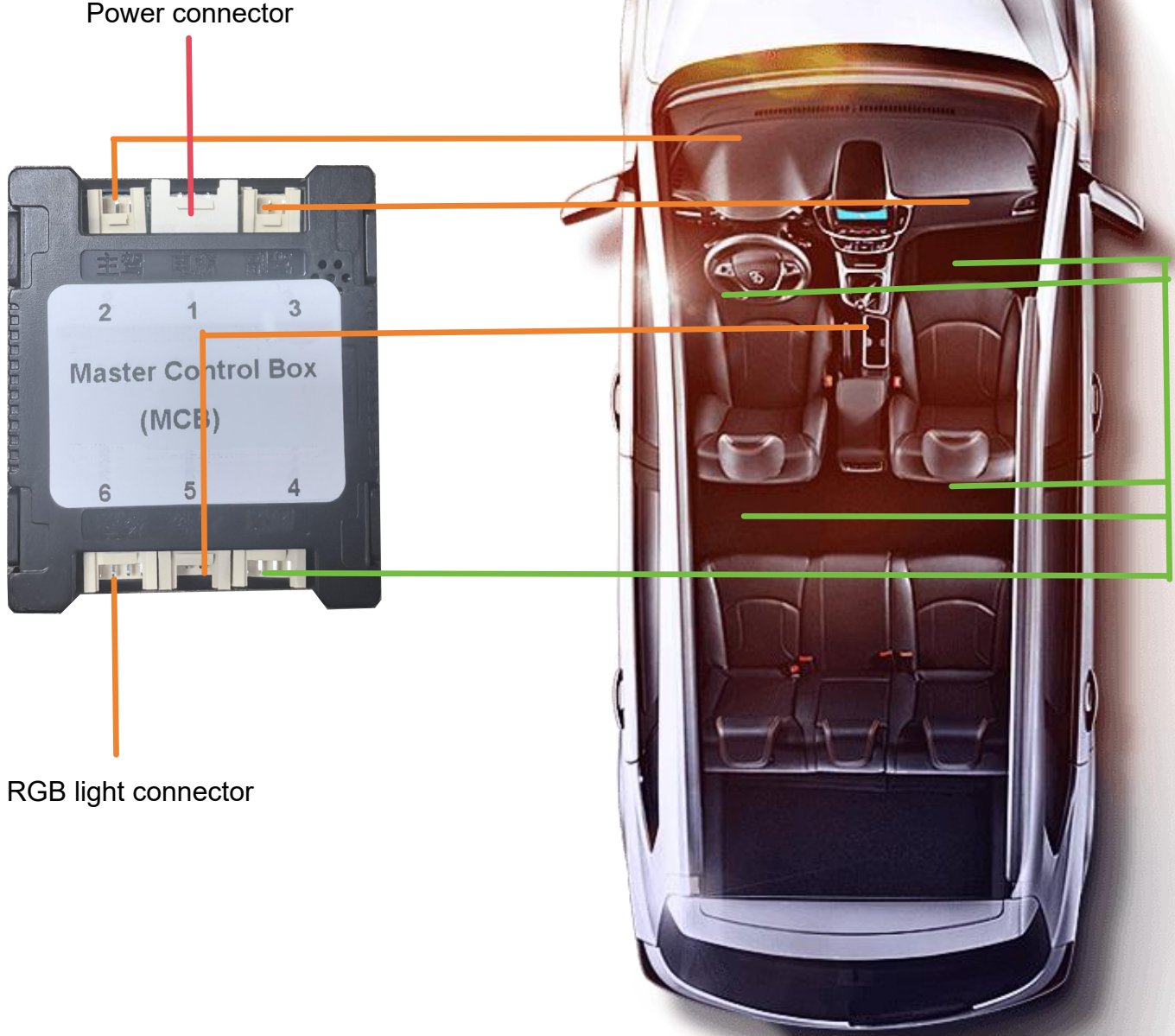
Extension wires



Position of Control Boxes

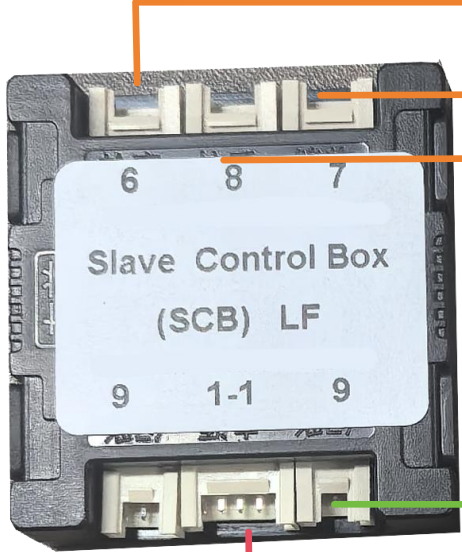


Main Control Box Wiring

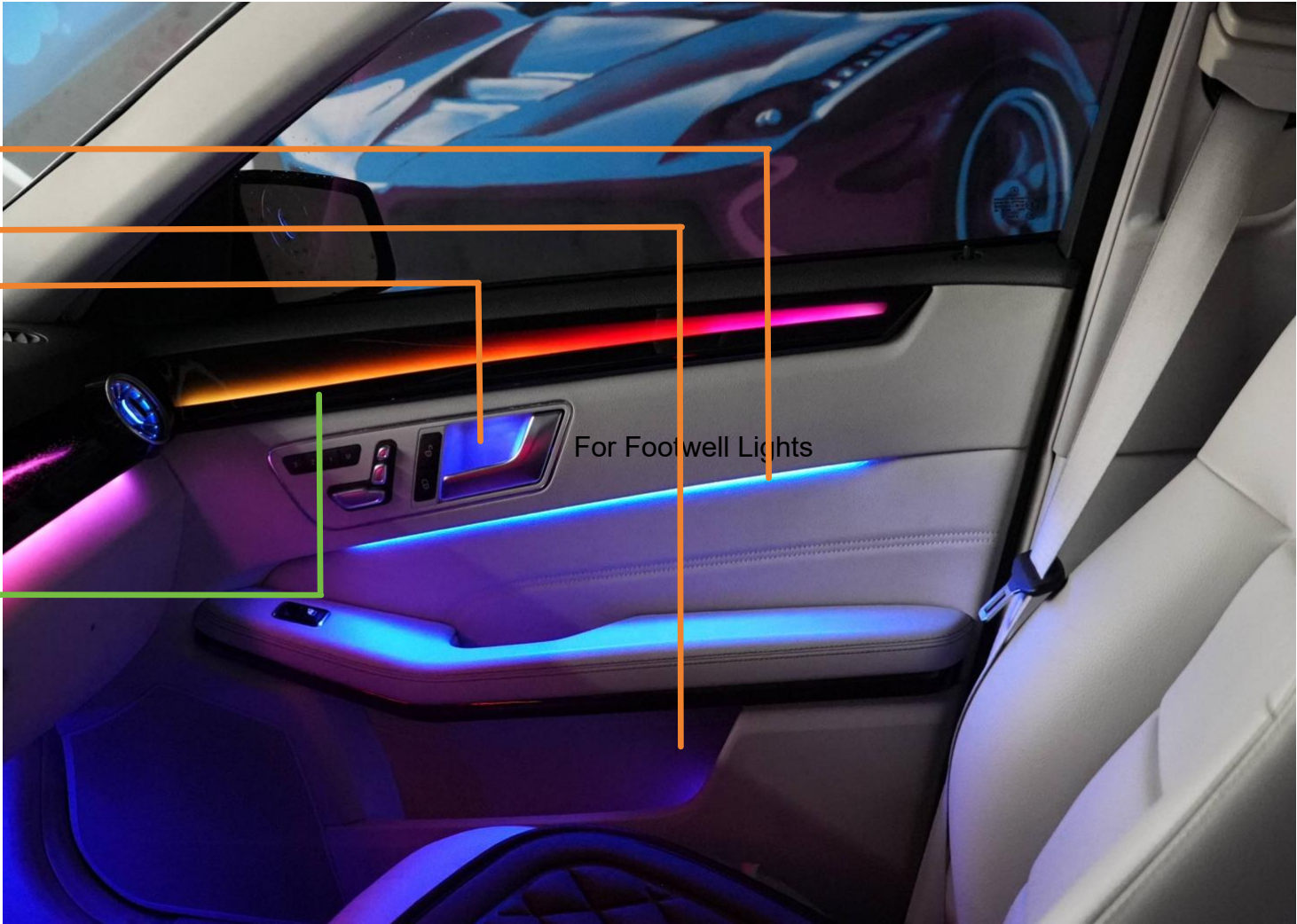


Slave Control Box Wiring

RGB light connector



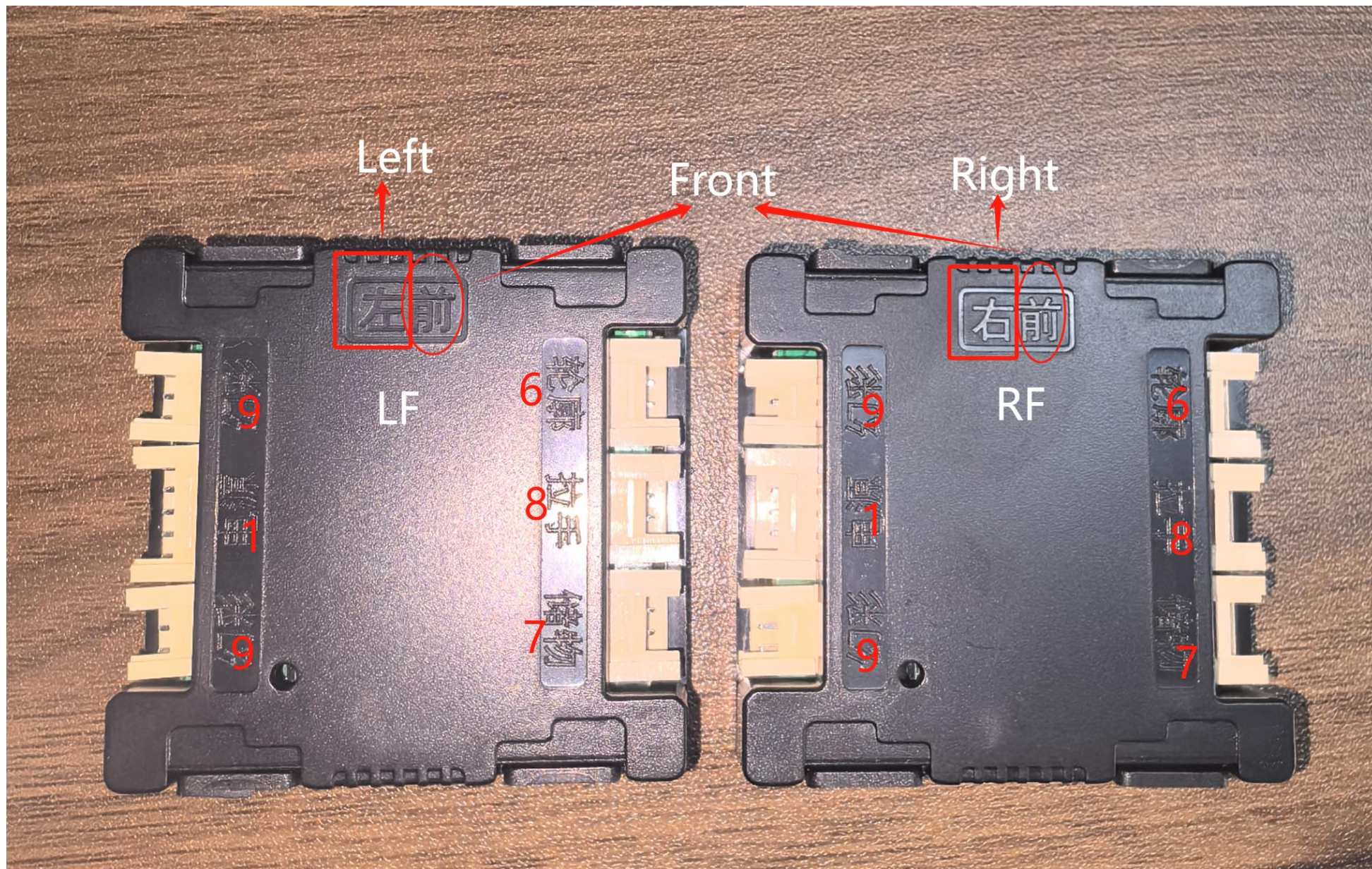
Power connector



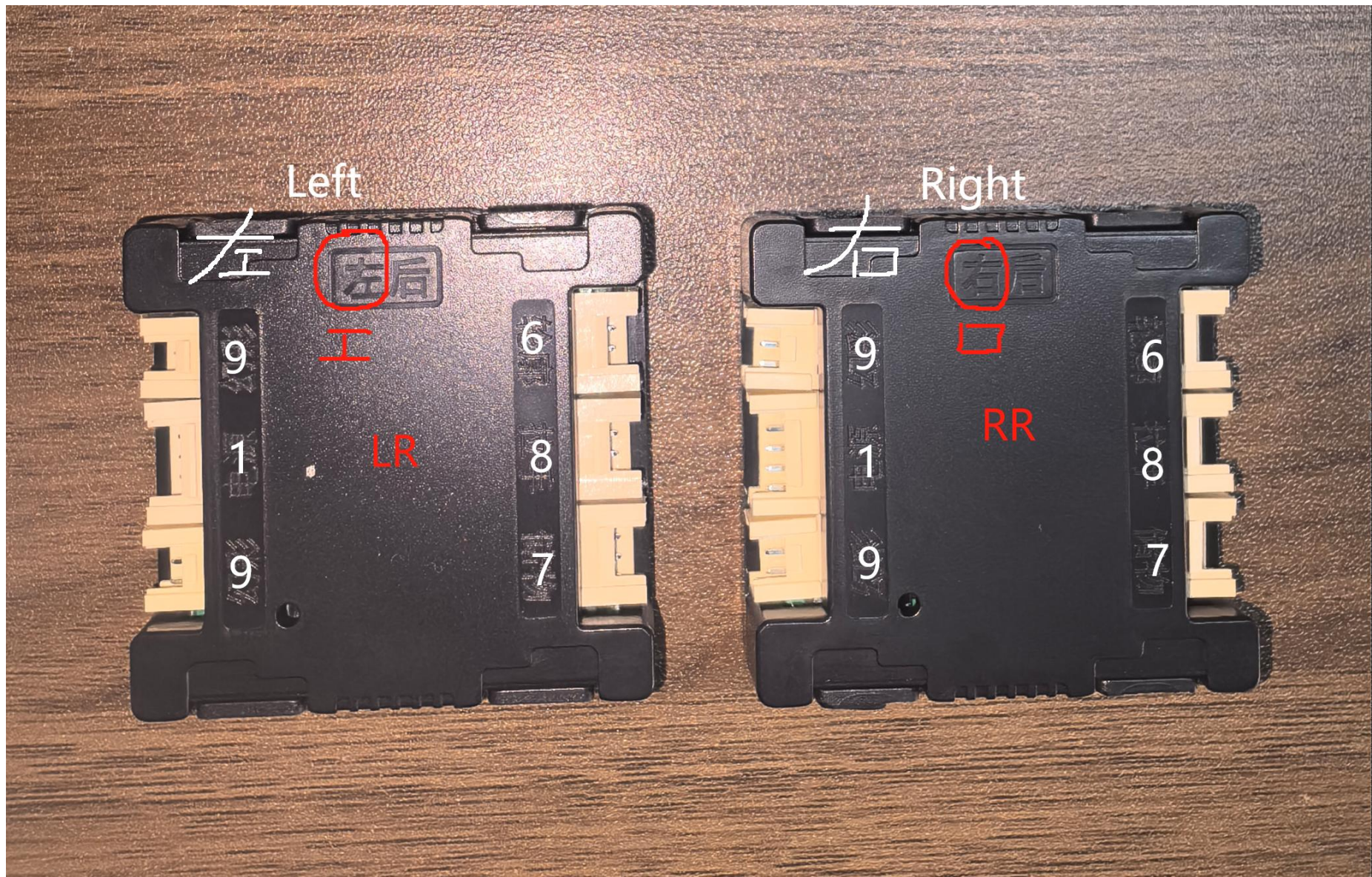
Identify the Main control box



Identify the slave control boxes



Identify the slave control boxes



Installation Instructions for Non-Door Areas

Installation Instructions for Interior Ambient Lighting (Non-Door Areas):

- For all interior ambient lighting wiring, connections should be made from the main control box. This includes dashboard trim panel lights, dashboard strip lights, air vent lights, center console lights, footwell lights, cup holder lights, sunroof lights, backrest lights, etc.

- Dashboard Trim Panel Installation:

Remove the original center console trim panel. Replace it with the ambient light trim panel. Connect wiring from the main control box.

- Dashboard Strip Light Installation:

Determine the installation position for the light strip. Remove dashboard parts, then cut the light strip to appropriate length. Attach the light strip to the designated position while properly routing and connecting the wiring. Connect to the main control box.

- Other Lights(Transmission Tunnel Lights/Air Vent Lights/Footwell Lights/Cup Holder Lights/Sunroof Lights/Seatback Lights):

The installation process follows similar procedures, just install each light in its designated position. Connect all lights to the main control box.

Note: If the length is not enough, connect the extension wire, if there're insufficient connectors, use Y-splitter cables (1-to-2 or 1-to-3) for expansion.

Main Control Box Power Connection:

- Power Source: Typically connected through the vehicle fuse box, driver-side, or passenger-side power access points.
- ACC Line: Connect to the vehicle's original ACC power supply.
- GND Line: Ground wire - connect to chassis ground or attach to a metal chassis point.
- Parking Light Line: Connect to vehicle headlight circuit or ACC line.
- LIN Line: Connect to vehicle's original signal line.
- CAN-H/CAN-L: Connect to corresponding vehicle CAN bus lines.

(These communication lines are generally not connected unless vehicle screen control functionality is required.)

Installation Instructions for Door Position Lights

Installation Instructions for Door Position Lights:

- For all ambient lighting wiring at door positions, connections should be made from the Slave-control box. This includes door trim panel lights, door strip lights, door speaker lights, handle lights, door pocket lights, etc. Each slave-control box corresponds to a specific door - **please ensure correct matching.**

- Trim Panel Installation:

Remove the original door trim panel at the door position. Then replace it with the ambient light door trim panel. Connect wires to the slave-control box.

- Light Strip Installation:

Determine the installation position. Remove door inside cover, cut the light strip to appropriate length, then attach the light strip to the designated position while properly routing and connecting the wiring. Connect wires to the slave-control box.

- Handle Light/ Door Pocket Light/Speaker Light Installation:

After removing the door panel, Install each light in its designated position. Connect all wires to the slave-control box.

Slave-Control Box Power Connection:

- Typically connect to door power ports using ACC (ignition-switched power) or constant power supply.
- For doors without power sources: Thread wires from door to the central control unit/dashboard area to obtain power.