

Installation Manual

Applicable Model	Benz C-Class
Applicable Year	2015-2021



1. Points to note

• For safety and to ensure the proper use of product, please ask a professional technician to install. Do not disassemble and install it privately in case of damaging product and installation accidents.

• Please arrange each wiring harness according to the wiring method in this manual, be sure to tie each wiring harness to the vehicle's original wiring harness with cable ties. Make sure the wiring harnesses are not located at the fasteners or screw holes to avoid the wiring harnesses crushed by the vehicle interior trim panel buckles and screws during the installation process.

• Because some of the wiring harness terminals (as shown in the red ellipses below) are not inserted into the wiring harness connectors during manufacture, please insert terminals into the wiring harness connector first to avoid short circuit between terminals after the wiring harnesses have been arranged, then connect other plugs of the wiring harnesses (as shown in the blue ellipses below) with the original plugs.

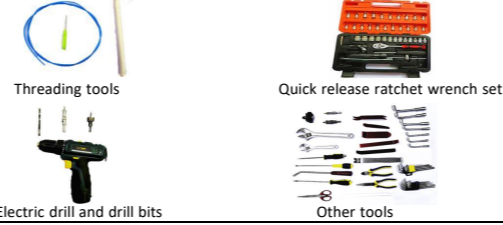


• Check the function display of instrument panel before installation, whether the button of the vehicle is working properly, whether the doors and windows work properly while opening and closing, whether there are scratches on the internal and external surfaces of the vehicle; and report to the customers in a timely manner if there are any problems.

• During the process of disassembly and assembly, do not carry metal ornaments and other hard objects with you to prevent damage to the paintwork, seats and interior. Be sure to place the removed trim components properly to avoid scratching them.

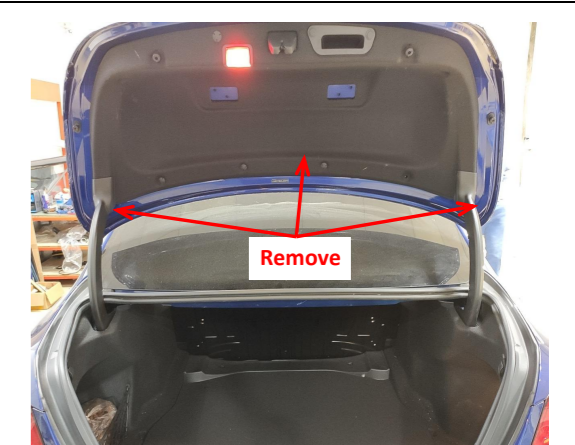
• All the pictures in this manual are for reference only, vehicle models with different configurations may have different pictures, but the installation methods are the same.

2. Installation tools



3. Product list

No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



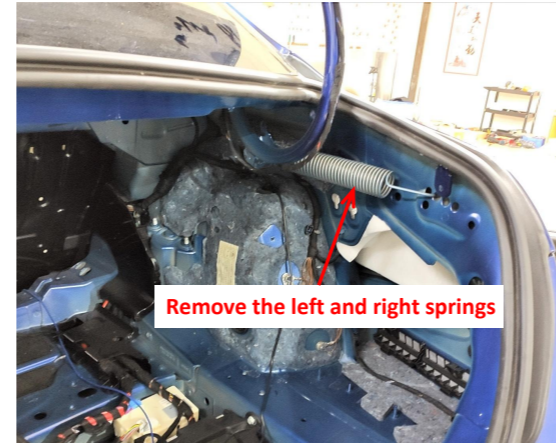
1. Remove the tailgate trim panels.



2. Remove the trunk trim panels



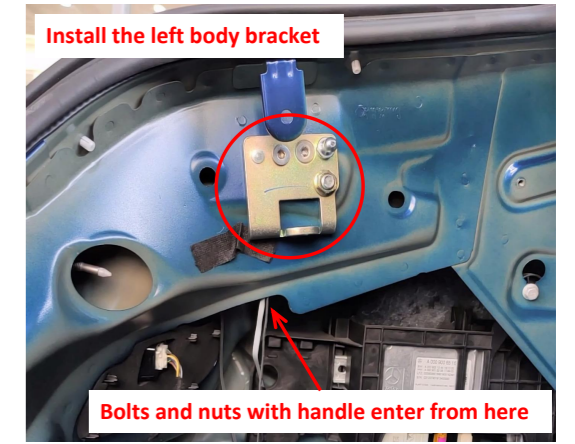
3. Remove the indicated trim panel.



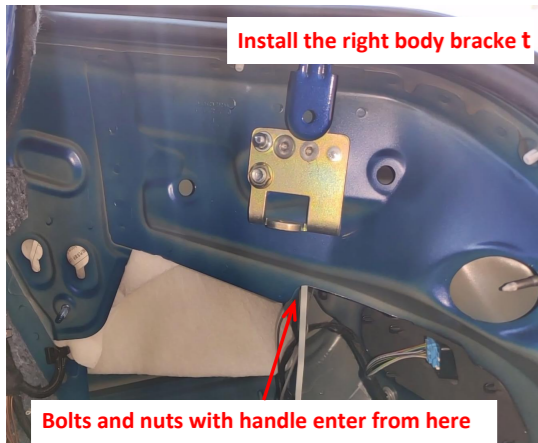
4. Remove the left and right springs from the trunk.



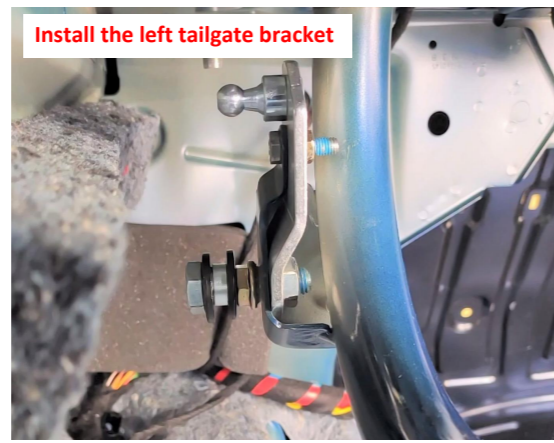
5. Remove the spring hangers from the left and right hinges.



6. Install the left body bracket on the left side of the trunk.



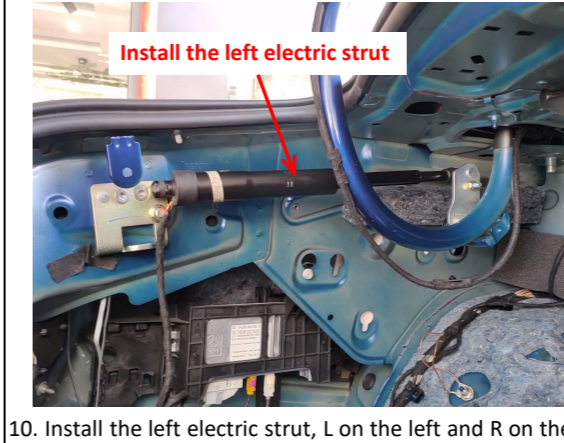
7. Install the right body bracket on the left side of the trunk.



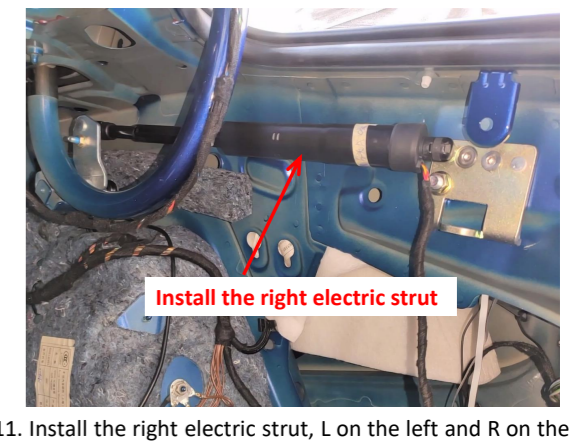
8. Install the left tailgate bracket on the left hinge.



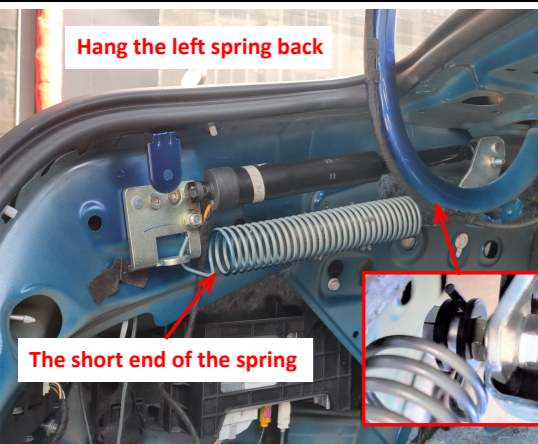
9. Install the right tailgate bracket on the right hinge.



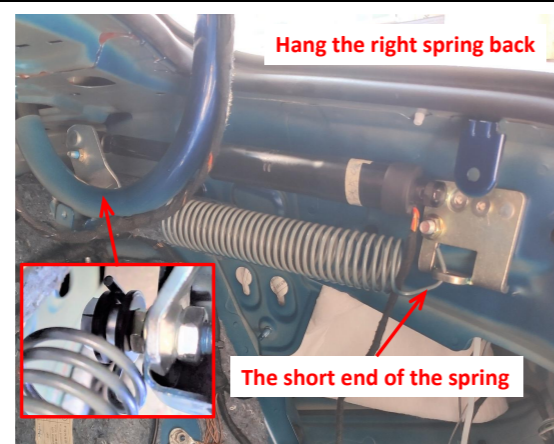
10. Install the left electric strut, L on the left and R on the right (the first letter of the strut code), making sure the end with wiring harness pointing outward.



11. Install the right electric strut, L on the left and R on the right (the first letter of the strut code), making sure the end with wiring harness pointing outward.



12. Hang the left spring back.



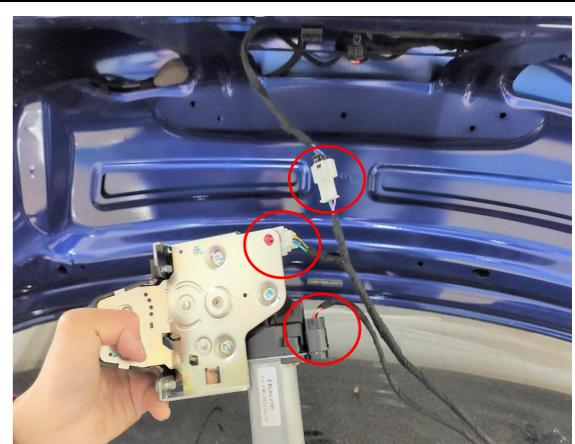
13. Hang the right spring back.



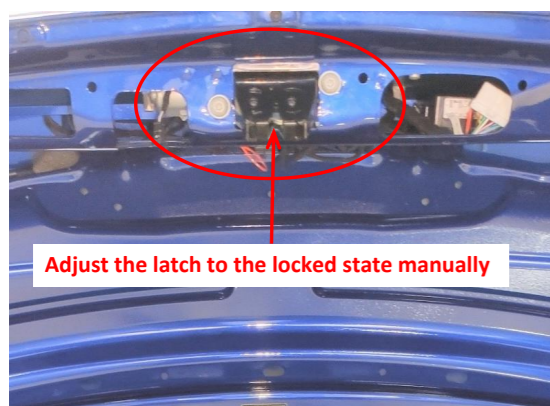
14. Route the lock signal harness to the right side of the trunk.



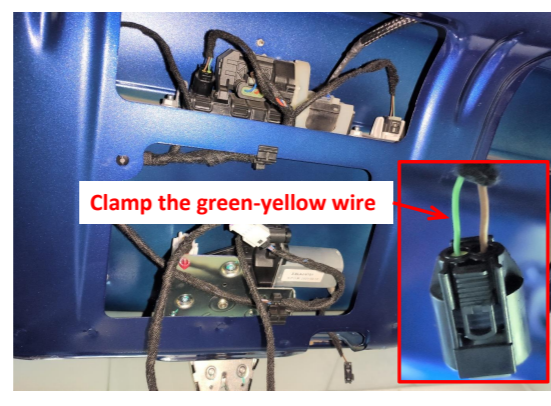
15. Remove the original latch.



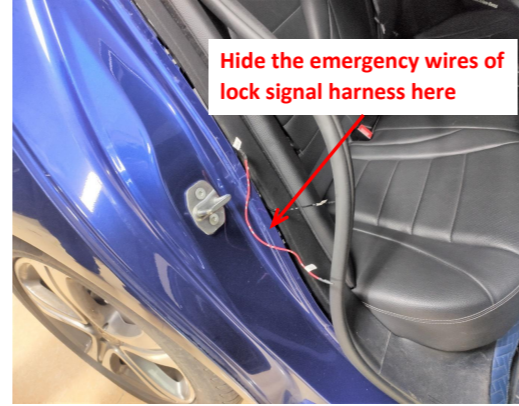
16. Connect the plugs of the lock signal harness to the plugs of our power latch.



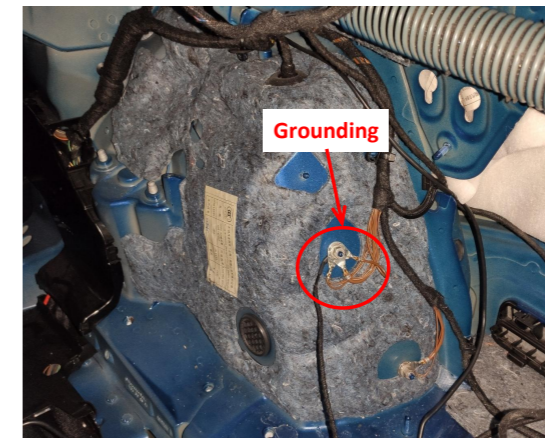
17. Install the power latch and manually adjust the latch to the locked state to prevent accidental closing during the installation process.



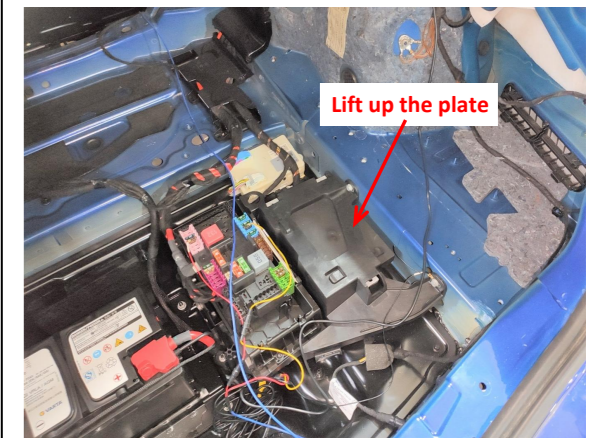
18. Connect the tailgate switch signal: clamp the indicated green-yellow wire to connect it to the pink wire of our lock signal harness



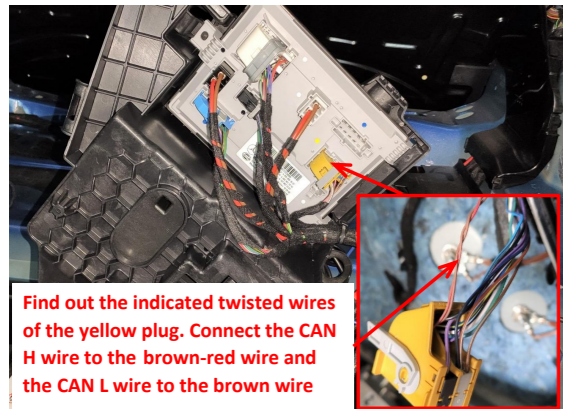
19. Route the emergency wires of the lock signal harness to the right side of rear seat (the emergency wires should be in place for emergency use).



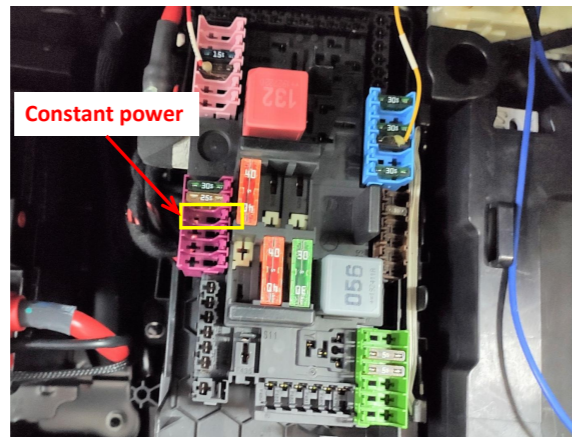
20. Ground at the right side of the trunk with the ground wire connector.



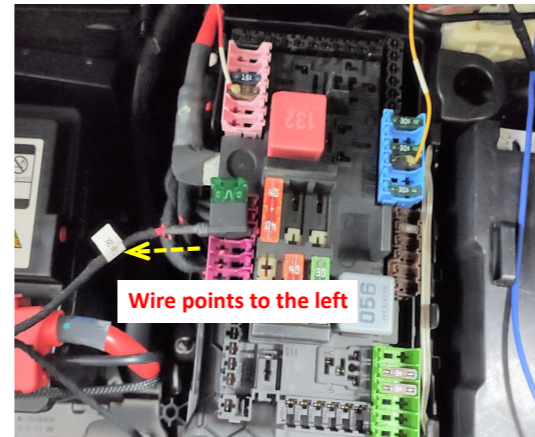
21. Lift up the plate next to the battery.



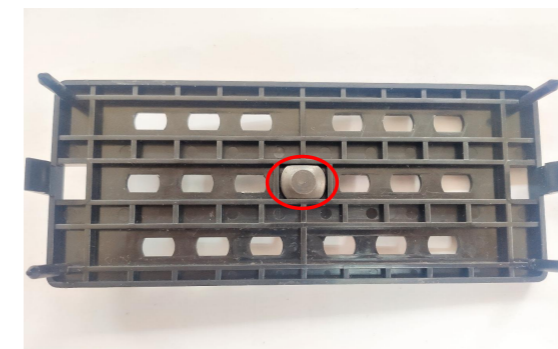
22. Find out the indicated twisted wires of the yellow plug under the battery cover and clamp the indicated wires.



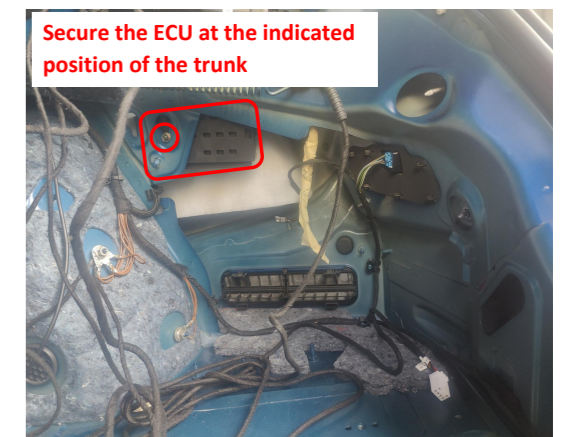
23. The fuse slot for power supply is indicated above.



24. Plug the fuse tap into the fuse box and pay attention to the direction.



25. Put a bolt on the ECU bracket and then mount the ECU on its bracket.



26. Place the ECU at the indicated hole and secure it with a nut.



27. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence.



28. Manually close the tailgate until it touches the striker, then press the original tailgate switch button to open the tailgate. The system will complete initialization, and then test each function of the electric tailgate.



29. Stick the hole template to the indicated position on the tailgate trim panel.



30. The hole of the added tailgate switch must be aligned with the sheet metal hole.



31. Open the hole and fit the added switch in. Check whether the buttons can bounce back normally when pressed and then reinstall all the trim panels

5. System initialization method

1. Press the added tailgate switch button to make the tailgate close automatically;
2. Press the switch button outside the tailgate to open the tailgate and it will make a long sound of "beep".
3. The system initialization is complete.

6. Instructions for the electric tailgate

1. Methods to open and close the tailgate:
 - Press the tailgate button at the driver's area;
 - Press and hold the tailgate button on the remote key;
 - Press the original tailgate switch button;
 - Press the added tailgate switch button.
2. Method to pause the tailgate:

During the operation of the tailgate, press the button with any of the above methods, and the tailgate will be paused. Press again, and the tailgate will move in reverse.

3. Instructions for the added tailgate switch

- ① Closing speed acceleration (5 Settings)
 1. Press and hold the switch button until hearing the first short beep sound.
 2. After releasing the button, you will hear a short beep, indicating that the closing speed acceleration has taken effect.
 3. Repeat this step once to increase by one setting.
- ② Opening speed acceleration (5 Settings)
 1. Press and hold the switch button until hearing the second short beep sound
 2. After releasing the button, you will hear two short beeps, indicating that the opening speed acceleration has taken effect.
 3. Repeat this step once to increase by one setting.
- ③ Settings of the voice module
 1. Press and hold the switch button until hearing the third short beep sound.
 2. After releasing the button, you will hear three short beeps, indicating that the voice module has entered configuration mode. (For details, see the voice module operation manual)
 - ④ Block the voice module
 1. Press and hold the added switch button until hearing the fourth beep sound.
 2. After releasing the button, you will hear three four beeps indicating that the voice module has been blocked.

⑤ Height setting

1. Press and hold the switch button until hearing the fifth short beep sound.
2. After releasing the button, you will hear a long beep sound indicating that the height setting has taken effect.
- ⑥ Switch between quick/slow press of the unlock button on remote key
 1. Press and hold the switch button until hearing the sixth short beep sound.
 2. After releasing the button, you will hear a long beep sound and a short beep sound indicating that the switch between quick and slow press of the unlock button has taken effect.
 - ⑦ Switch between pressing the unlock button twice/three times
 1. Press and hold the switch button until hearing the seventh short beep sound.
 2. After releasing the button, you will hear a long beep sound and two short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.
 - ⑧ Braking force increase (five settings)
 1. Press and hold the unlock button until hearing the eighth short beep sound.
 2. After releasing the button, you will hear a long beep sound and three short beeps indicating that the switch between pressing the unlock button twice/three times has taken effect.
 3. Repeat this step to increase by one setting.

⑨ Restore to factory settings

1. Press and hold the unlock button until hearing the ninth short beep sound.
2. After releasing the button, you will hear a long beep sound and four short beeps indicating that the restoration to the factory setting has taken effect.
4. Meanings of the buzzer sound:
 - "Beep" once: Receiving an open/close or pause signal, the tailgate will immediately open/close or pause;
 - "Beep" twice: The tailgate has been fully opened or closed;
 - "Beep" three times: The resistance during opening or closing the tailgate is too large, and the intelligent anti-pinch has been turned on.