

Installation Manual

Compatible Model	CBenz S-CClass
Year	2014



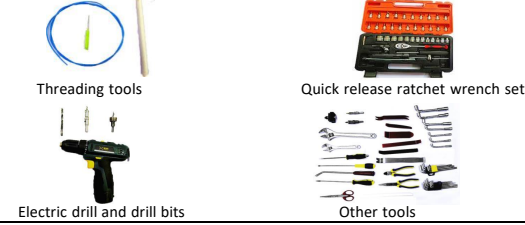
1. Points to note

- 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

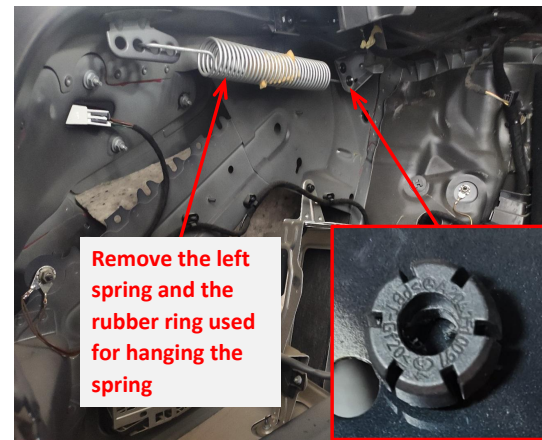
No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Added tailgate switch	1	
⑤	Other parts (screws, brackets, etc.)	1 set	Omitted



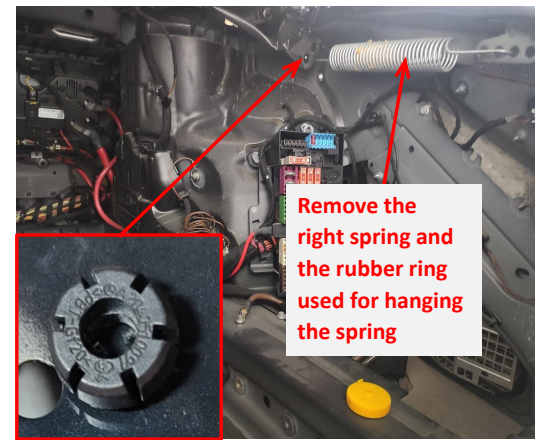
1. Remove the trim panels of the tailgate and hinges.



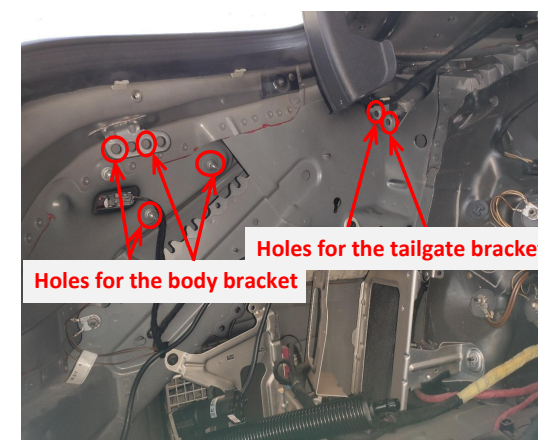
2. Remove the indicated trim panels from the trunk.



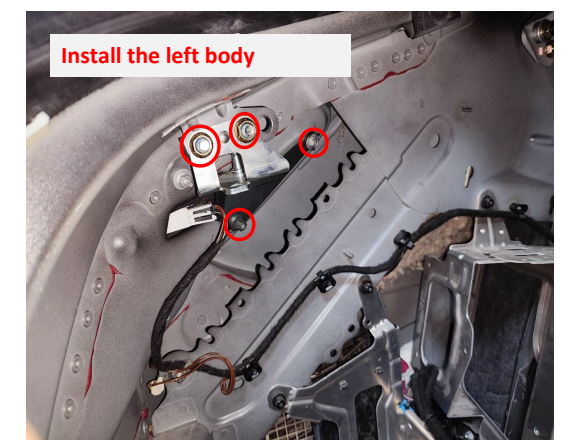
3. Remove the left spring and the rubber ring used for hanging the spring.



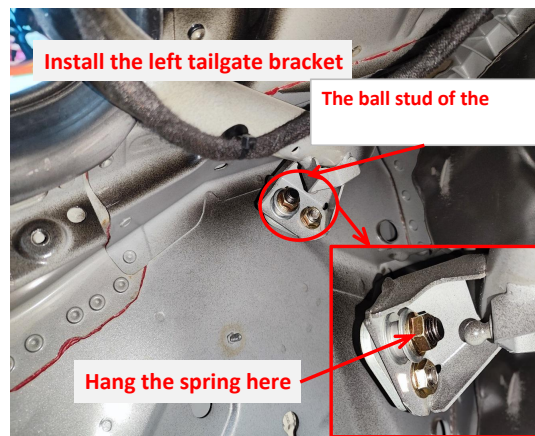
4. Remove the right spring and the rubber ring used for hanging the spring.



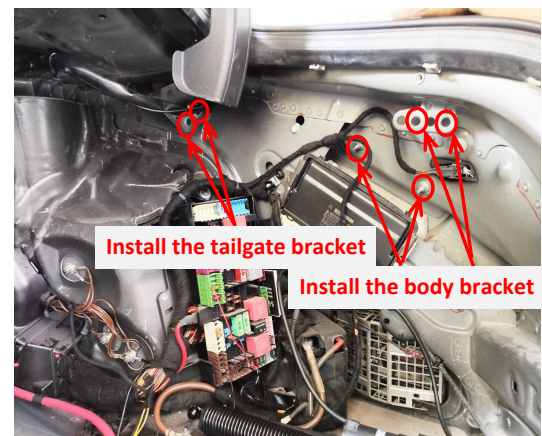
5. Install the left body bracket and tailgate bracket at the indicated holes.



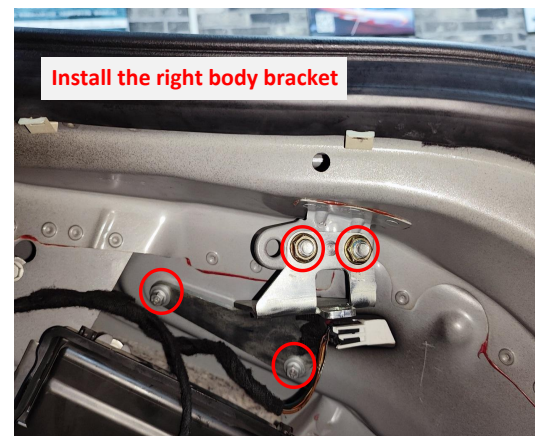
6. Install the left body bracket.



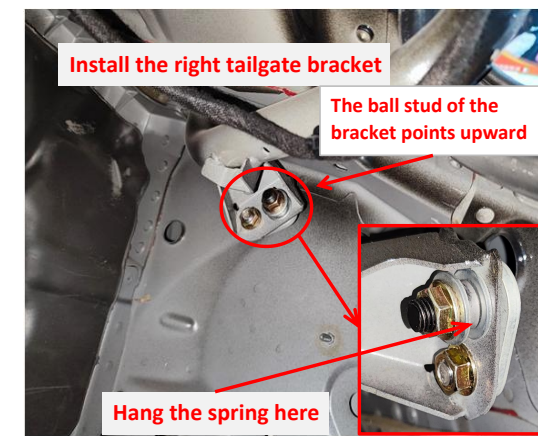
7. Install the left tailgate bracket and the ball stud of the bracket should point upward.



8. Install the left body bracket and tailgate bracket at the indicated holes.



9. Install the right body bracket.



10. Install the right tailgate bracket and the ball stud of the bracket should point upward.



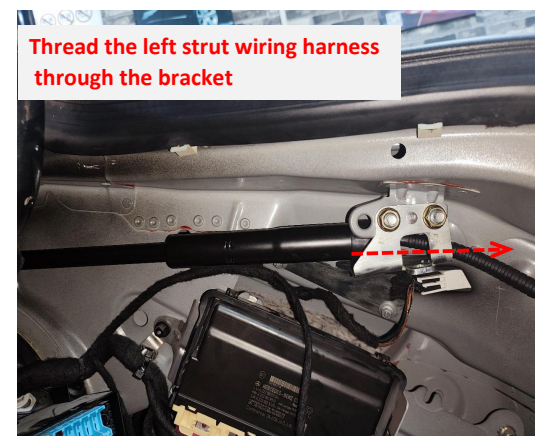
11. Install the right electric strut (the first letter of the strut code shows the L/R).



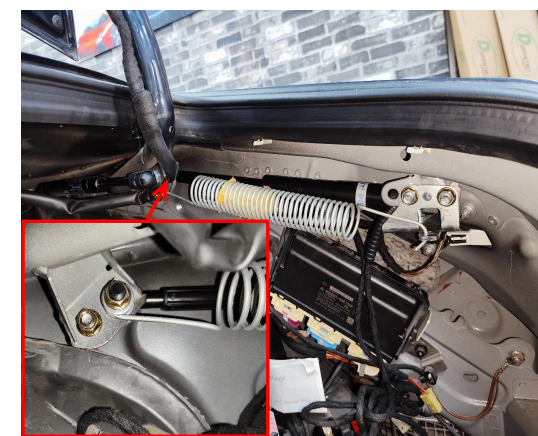
12. Install the left electric strut (the first letter of the strut code shows the L/R).



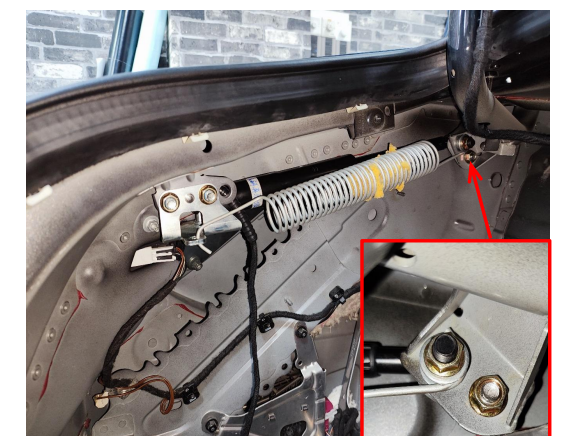
13. Thread the left strut wiring harness through the left bracket.



14. Thread the right strut wiring harness through the right bracket.



15. Install the right spring.



16. Install the left spring.



17. Connect the plugs of the lock&power harness to the original tailgate switch.



18. Connect the plug of the lock&power harness to the added tailgate switch.



Connect to the CAN signal plug and its socket

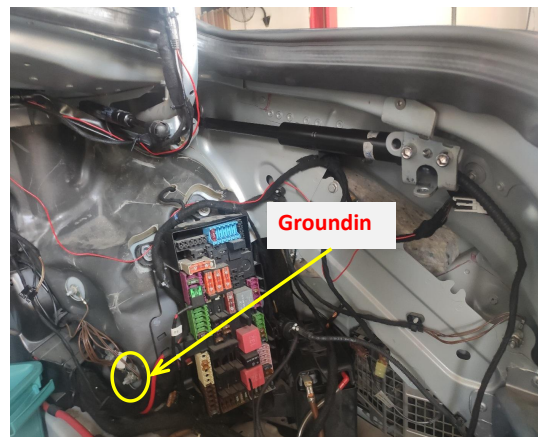
19. Unplug the plug on the left side of the trunk and connect the plugs of the lock&power harness to it and its socket.



20. Route the strut wiring harnesses as indicated.



21. Route the power harness as indicated (routing only, no plug or power connection).

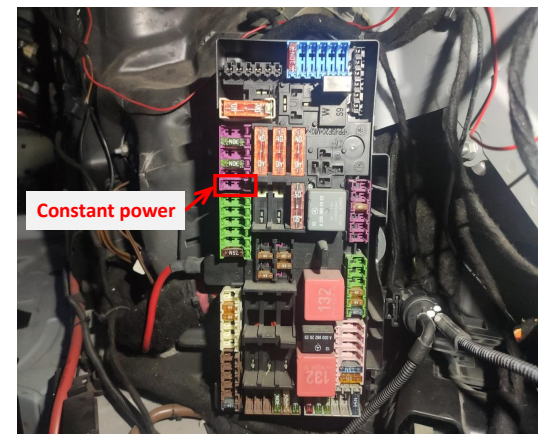


Groundin

22. Ground at the indicated position on the right side of the trunk.

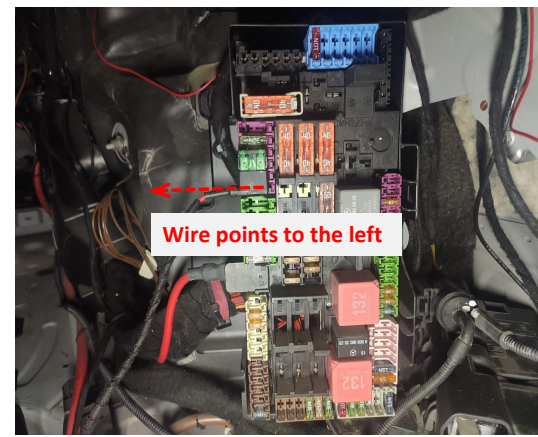
Check if all the plugs are properly connected.

23. Check if all the plugs are properly connected.



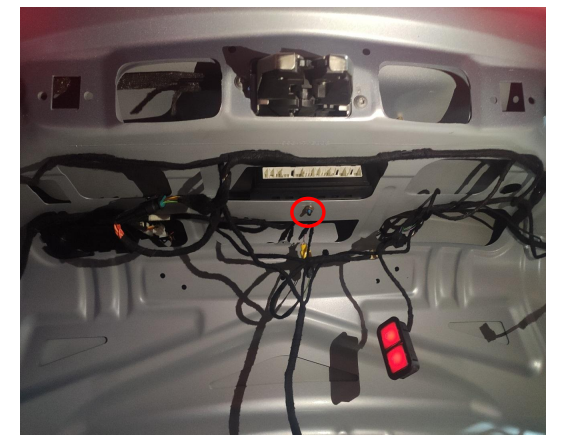
Constant power

24. The fuse box is located at the right side of the trunk and the fuse slot for power supply is indicated above.



Wire points to the left

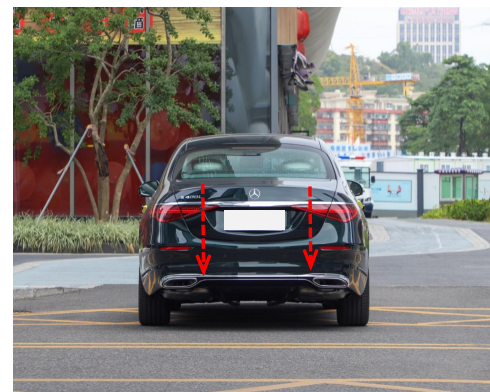
25. Plug the fuse tap into the fuse box and pay attention to the direction.



26. Secure the ECU at the indicated hole on the tailgate.



27. Insert the strut wire harness ①, lock signal harness ②, and power harness ④ into the ECU in sequence.



28. Press the added tailgate switch to close the tailgate once, the system completes initialization, and then test each function of the electric tailgate.



29. Stick the hole template to the indicated position for installing the added tailgate switch.



30. Reinstall all trim panels and install the added tailgate switch.

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 and hold the tailgate button on the remote key;
 - Press the tailgate button at the driver's area;
 - 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. Method to memorize the height:
Open the tailgate to the height you want to set, long press the added tailgate switch, and release the switch after hearing a long "beep ----". The height memory is complete.

Tip: During the operation of the tailgate, pause the tailgate, and then push the tailgate to the ideal height with your hand.

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;
Long sound of "beep": The height memory is complete.