

Installation Manual

Compatible Model	CBMW 3 C Series
Year	2021



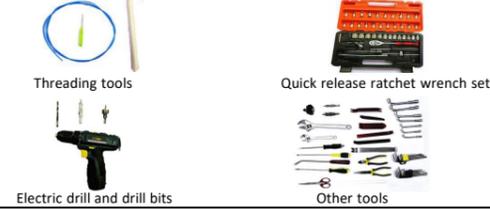
1. Points to note

- 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

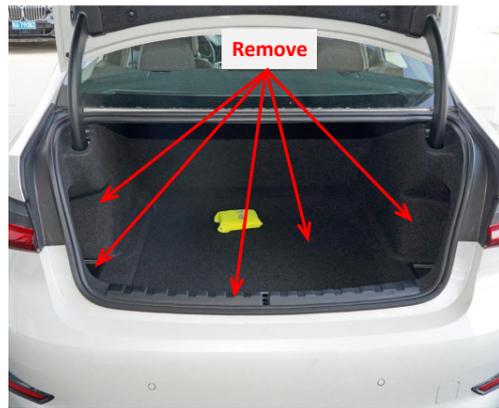


3. Product list

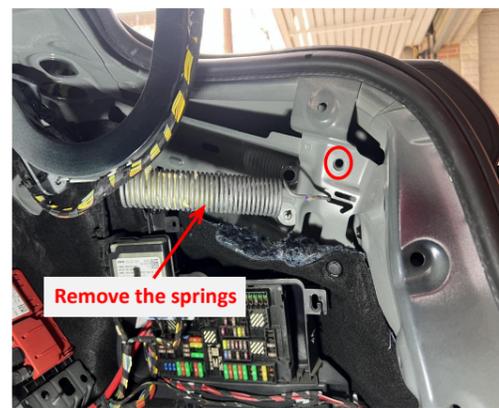
No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



1. Remove the indicated trim panels from the tailgate and hinges.



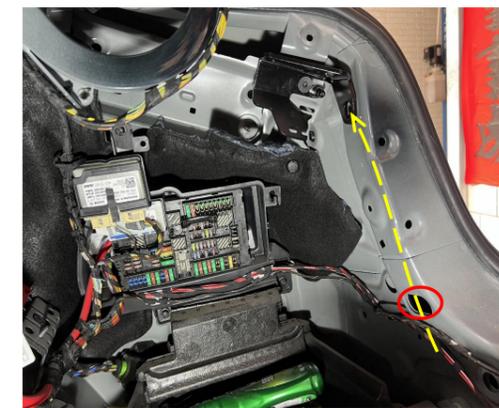
2. Remove the indicated trim panels and floor mat from the trunk.



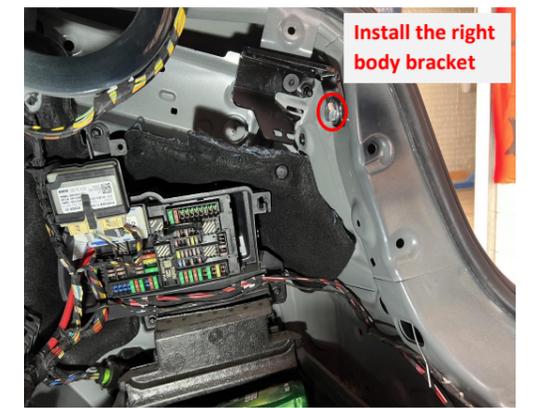
3. Remove the left and right springs and install the right body bracket at the indicated hole.



4. Screw a countersunk screw into the indicated threaded hole.



5. Insert the M12 nut with a handle into the indicated hole.



6. Screw the M12 screw into the nut to finish the installation of the right body bracket.



7. Thread the M10 nut with a handle to the indicated position to install the left body bracket.



8. Screw the countersunk screw into the nut.



9. Insert the M12 nut with a handle into the indicated hole.



10. Screw the M12 screw into the nut to finish the installation of the left body bracket.



11. Hang the original springs at the left and right body brackets, then remove the damping rod on the left side.



12. Install the electric struts, L on the left, R on the right (the first letter of the strut number); the same on both sides.



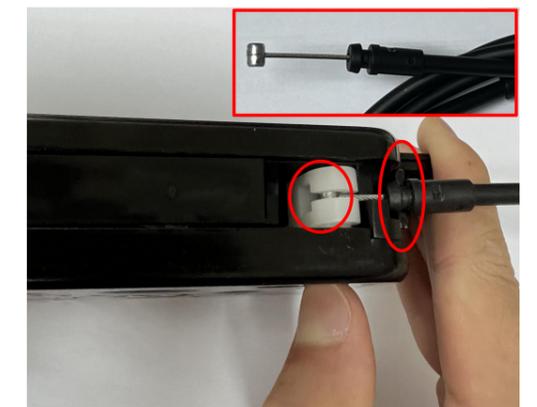
13. Route the strut wiring harnesses to the right side of the trunk along with original wiring harness.



14. Remove the original latch.



15. Install the emergency cable and unfasten the unlock arm.



16. Put the cylindrical head of the cable into the reserve hole of the unlock arm and secure it at the indicated slot.



17. Install the power latch and adjust the latch to the locked state manually.



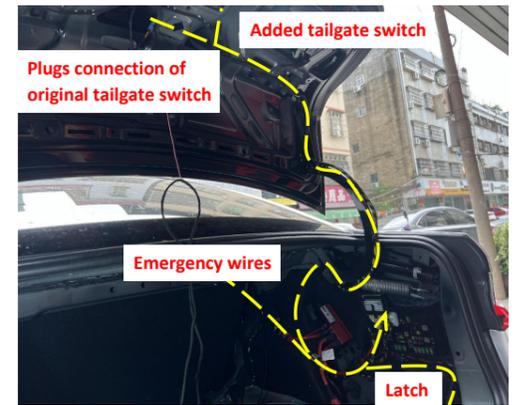
18. Connect the plugs of the lock signal harness with the power latch.



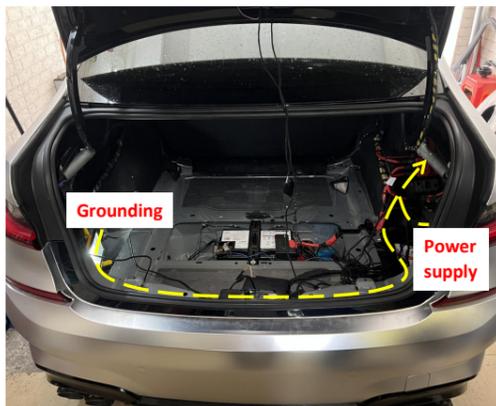
19. Connect the plugs of the lock signal harness with the original tailgate switch.



20. Hide the two emergency wires of the power latch under the trim panel of the rear right seat.



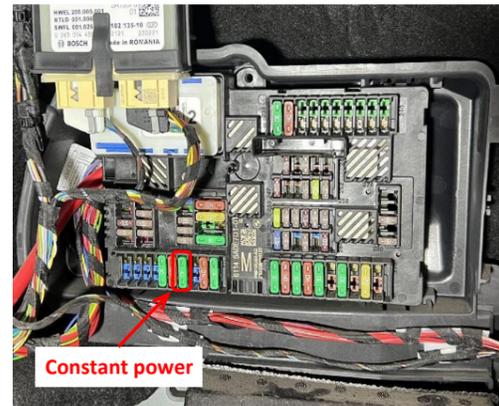
21. Route the lock signal harness to the right side of the trunk along with original wires.



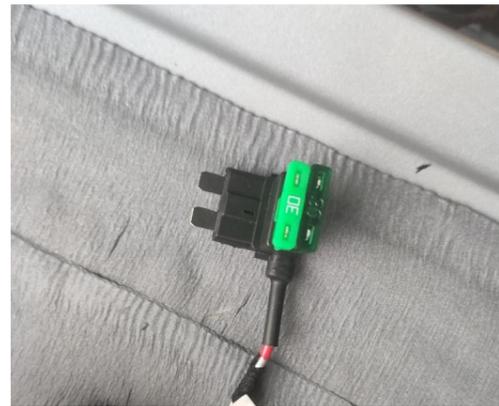
22. Route the power harness to the right side of the trunk along original wires.



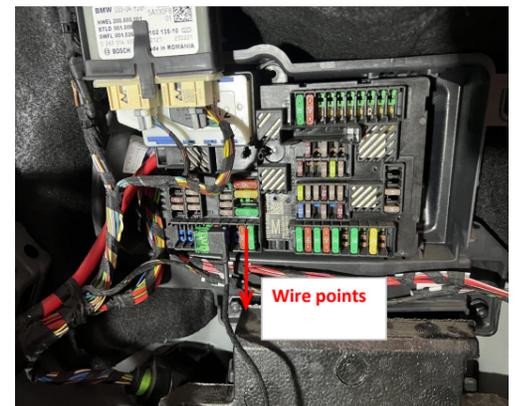
23. Ground at the indicated location of the left side of the trunk.



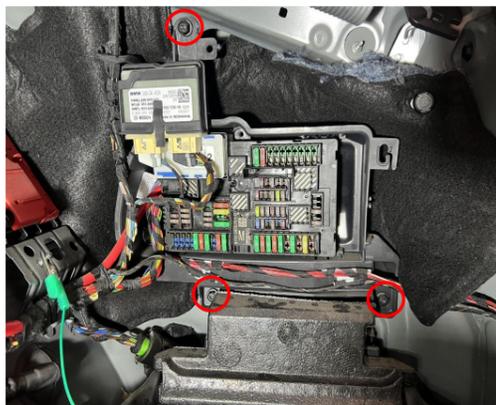
24. The fuse box is located at the right side of the trunk and the fuse for constant power is indicated above.



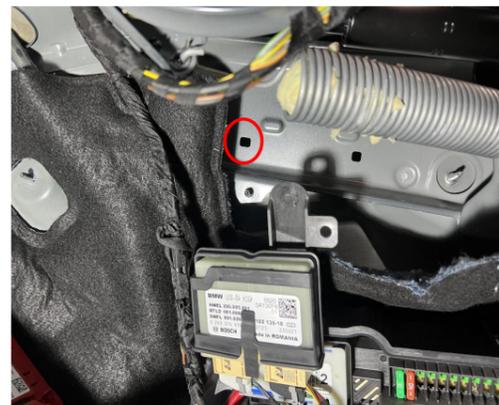
25. Move the original fuse from the fuse box to the fuse tap of power harness.



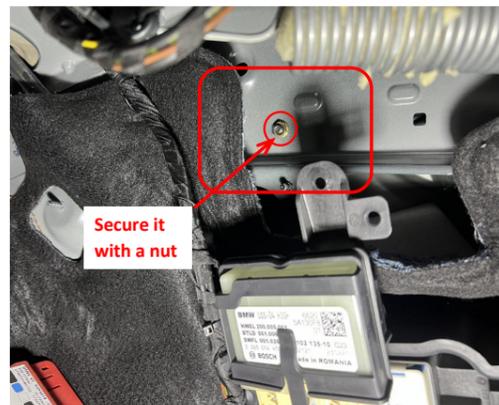
26. Plug the fuse tap into the fuse box and pay attention to the direction.



27. Remove the fuse box.



28. Install the ECU at the indicated hole on the right side of the trunk.



29. Secure the ECU at the indicated position.



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

1. Manually adjust the latch to the locked state;
2. Manually close the tailgate to the position where the latch touches the striker;
3. Press the original tailgate switch button to open the tailgate and check whether the tailgate can be opened normally and the latch can be unlocked normally;
4. Confirm that the power latch and the electric struts function well before continuing to install.

31. Check whether the power latch and the electric struts function well.



32. Press the tailgate switch buttons to close and open the tailgate to complete the initialization, and then test each function of the electric tailgate.



33. Stick the provided hole template to the indicated position and open a hole for the added tailgate switch.



34. Install all the trim panels back 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 (only accessible when the vehicle is started);
 - 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.