

Installation Manual

Compatible Model	CBenz E-CClass
Year	2024



8-ETBZ-5007-01-00

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 indicated by the red ellipses below) are not plugged 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 indicated by 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 vehicle internal and exterior surfaces; 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

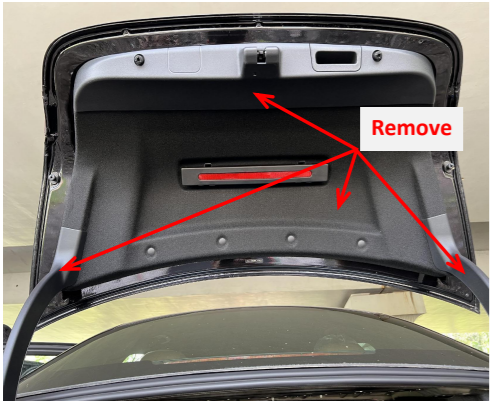
No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



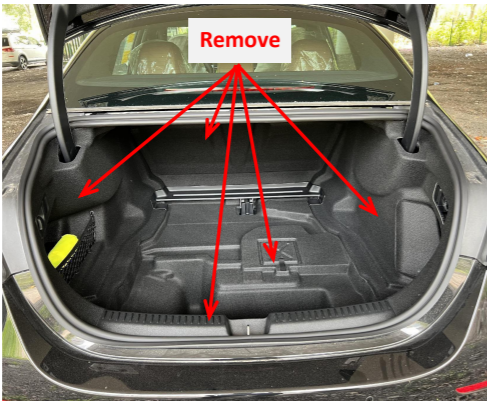
1. Remove the front left side door sill panel.



2. Remove the rear left door sill panel and B-pillar trim panel.



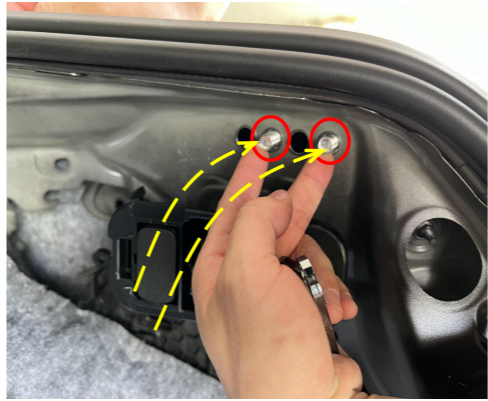
3. Remove the tailgate trim panels



4. Remove the trunk trim panels and floor mat.



5. Remove the springs on both sides. Install the right body bracket at the indicated holes and insert the screw with handle into the body from the indicated direction.



6. Thread the two screws out through the holes.



7. Install the right body bracket.



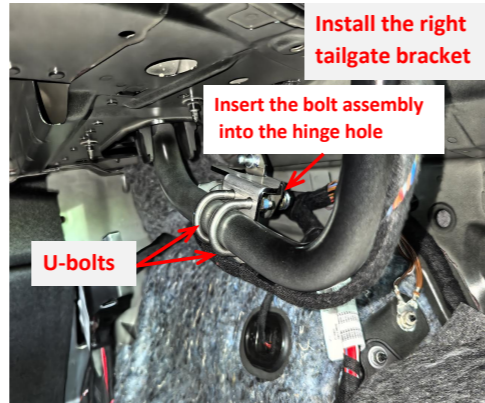
8. Install the left body bracket.



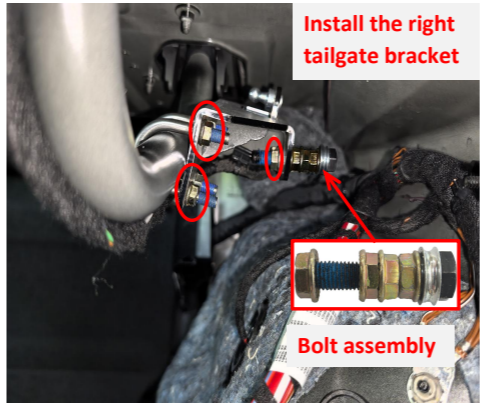
9. Remove the indicated fasteners on both sides.



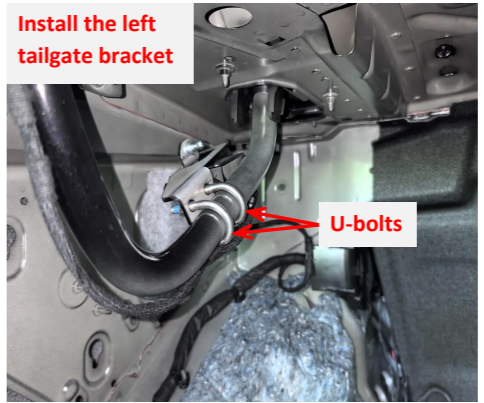
10. Remove the springs hangers on the left and right hinges.



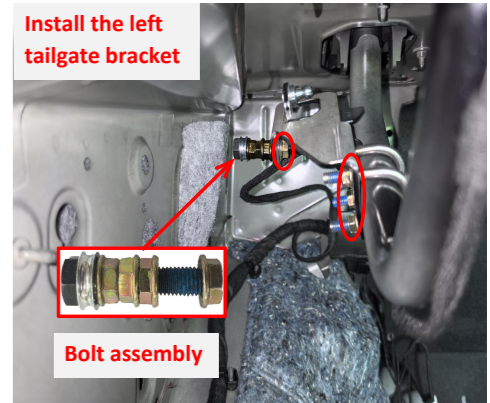
11. Install the right tailgate bracket. Insert the bolt assembly into the hinge hole first, then secure the two U-bolts on the hinge.



12. Tighten all the bolts with nuts.



13. Install the left tailgate bracket. Both sides follow the same methods.



14. Tighten all the bolts with nuts.



15. Hang the one end of the original spring on the bolt assembly and hang the other end on the body bracket.



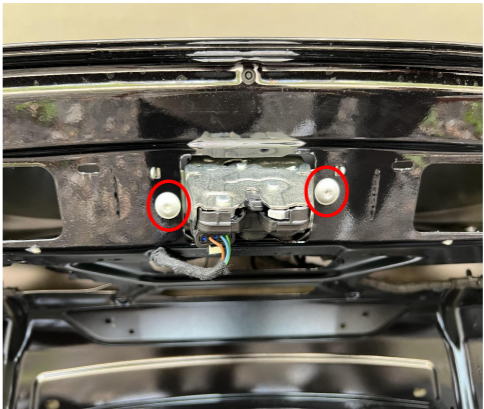
16. Install the electric struts, L on the left and R on the right (the first letter of the strut code). Pay attention to the direction of the wiring harness.



17. Route the left and right strut wiring harness to the left side of the trunk along with the original wiring harness.



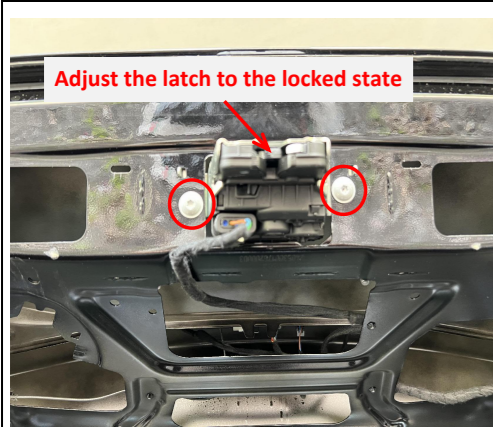
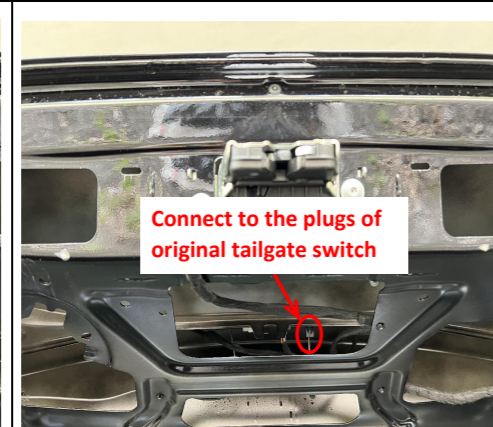


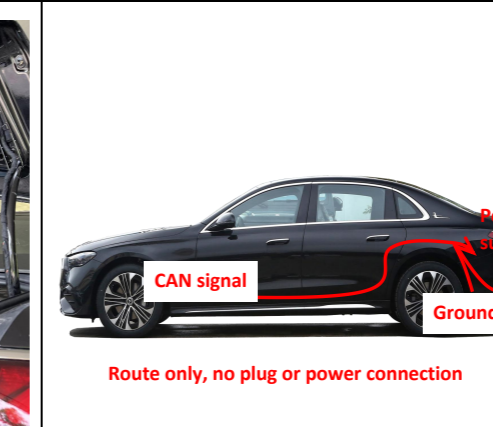


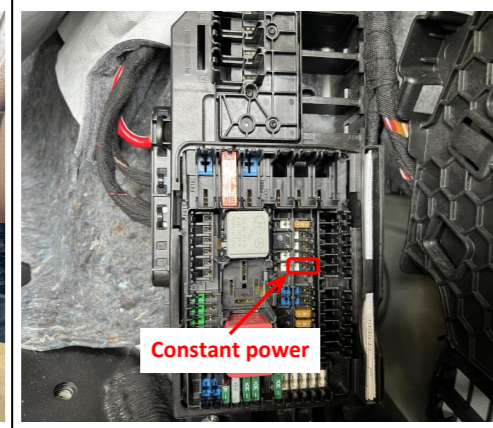
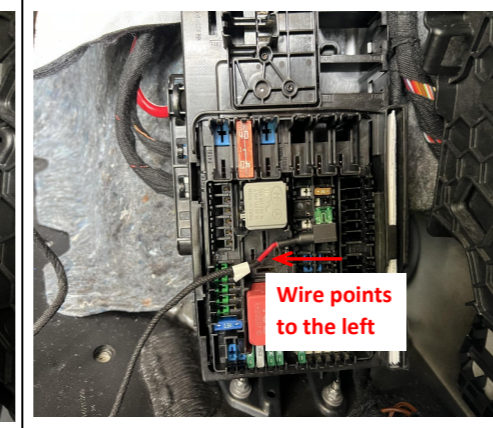
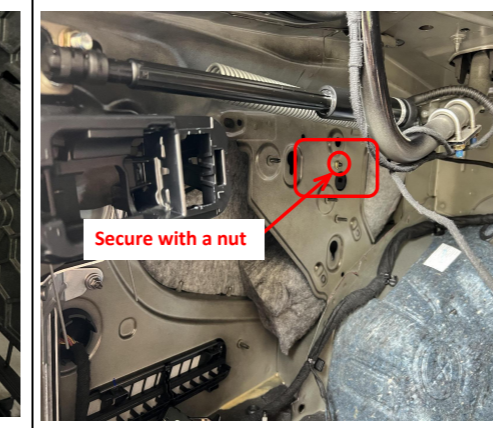
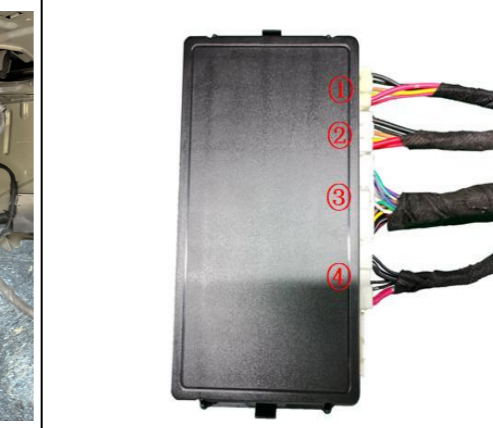




18. Route the left and right strut wiring harness to the location of the ECU.



19. Remove the original latch.



20. Connect the plugs of the lock signal harness to the plugs of the power latch.

 <p>Adjust the latch to the locked state</p>	 <p>Connect to the plugs of original tailgate switch</p>	 <p>Hide the emergency wires</p>	 <p>Added switch Emergency wires</p>	 <p>CAN signal Power supply Grounding Route only, no plug or power connection</p>	 <p>Grounding</p>
21. Install the power latch and manually adjust the latch to the locked state.	22. Connect the plugs of the lock signal harness to the plugs of original tailgate switch.	23.Wrap the two emergency wires of the latch separately with electrical tape and hide them under rear left door sill panel.	24. Route the lock signal harness along with original wiring harness as indicated.	25. Route the power harness as indicated.	26. Ground at the left side of the trunk.
 <p>Constant power</p>	 <p>Constant power</p>	 <p>Wire points to the left</p>	 <p>Secure with a nut</p>		<p>1. Manually adjust the latch to the locked state; 2. Manually close the tailgate to the position where the latch touches the lock 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 latch and the electric struts function well before continuing to install.</p>
27. Connect the plugs of the power harness to the indicated CAN signal plug and its socket..	28. The fuse box is located at the right side of the trunk and the fuse slot for power supply is indicated.	29. Plug the fuse tap into the fuse box and pay attention to the direction.	30. Secure the ECU at the indicated position.	31. Insert the left and right strut wiring harnesses①②, lock signal harness③, and power harness④ into the ECU in sequence. Tie them along with original wires.	32. Check if the power latch and the struts function well.
	 <p>Cut off the ribs</p>	 <p>Cut off the ribs</p>		<p>5. <b>System initialization method</b></p> <p>1. Press the added tailgate switch button, and the tailgate will close automatically; 2. Press the tailgate switch button outside the tailgate to open the tailgate and it will make a long sound of "beep". 3. The system initialization is complete.</p> <p>6. <b>Instructions for the electric tailgate</b></p> <p>1. Methods to open and close the tailgate:</p> <ul style="list-style-type: none"><li>●Press and hold the tailgate button on the remote key;</li><li>●Press and hold the tailgate button at the driver's area;</li><li>●Press the original tailgate switch button;</li><li>●Press the added tailgate switch button.</li></ul>	<p>3. Instructions for the added tailgate switch</p> <p>①Closing speed acceleration (5 Settings)</p> <p>1.Press and hold the switch button until hearing the first short beep sound</p> <p>2.After releasing the button, you will hear a short beep, indicating that the closing speed acceleration has taken effect.</p> <p>3.Repeat this step once to increase by one setting.</p> <p>②Opening speed acceleration (5 Settings)</p> <p>1.Press and hold the switch button until hearing the second short beep sound</p> <p>2. After releasing the button, you will hear two short beeps, indicating that the opening speed acceleration has taken effect.</p> <p>3. Repeat this step once to increase by one setting.</p> <p>③Settings of the voice module</p> <p>1.Press and hold the switch button until hearing the third short beep sound.</p> <p>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)</p> <p>④Block the voice module</p> <p>1.Press and hold the switch button until hearing the fourth beep sound.</p>
33. Press the added tailgate switch to close the tailgate once, the system completes initialization, and then test each function of the electric tailgate.	34. Stick the hole template to the indicated position and open a hole(pay attention to align with the hole on the tailgate).	35. Cut off the ribs from the trim panel.	36. Install the added tailgate switch and reinstall all trim panels.		
<p>2.After releasing the button, you will hear three four beeps indicating that the voice module has been blocked.</p> <p>⑤Height setting</p> <p>1.Press and hold the switch button until hearing the fifth short beep sound.</p> <p>2.After releasing the button, you will hear a long beep sound indicating that the height setting has taken effect.</p> <p>⑥Switch between quick/slow press of the unlock button on remote key</p> <p>1.Press and hold the added tailgate switch button until hearing the sixth short beep sound.</p> <p>2.After releasing the button, you will hear a long beep sound and a short beep sound indicating that the switch between quick press and slow press of the unlock button has taken effect.</p> <p>⑦Switch between pressing the unlock button twice/three times</p> <p>1.Press and hold the switch button until hearing the seventh short beep sound.</p> <p>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.</p>	<p>⑧Braking force increase (5 Settings)</p> <p>1.Press and hold the switch button until hearing the eighth short beep sound.</p> <p>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.</p> <p>⑨Restore to factory settings</p> <p>1.Press and hold the switch button until hearing the ninth short beep sound.</p> <p>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.</p> <p>4. Meanings of the buzzer sound:</p> <p>"Beep" once: Receiving an open/close or pause signal, the tailgate will immediately open/close or pause;</p> <p>"Beep" twice: The tailgate has been fully opened or closed;</p> <p>"Beep" three times: The resistance during opening or closing the tailgate is too large, and the intelligent anti-pinch has been turned on.</p>				