

Installation Manual

Compatible Model	CBenz A-CClass
Year	2019-2022



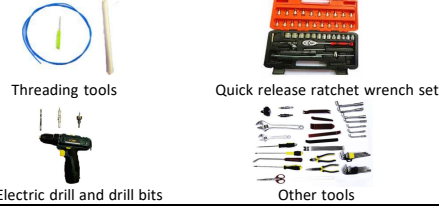
1. Points to note

- 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

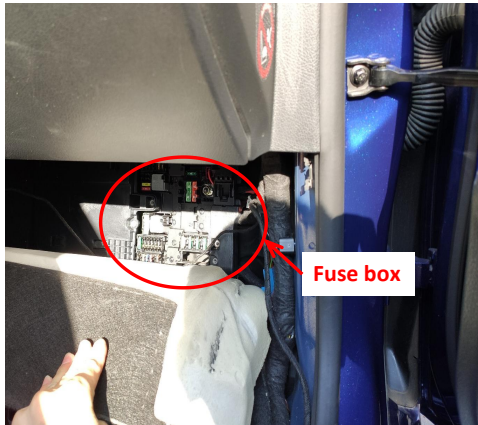
No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



1. Remove the front right side door sill trim panels.



2. Remove the front right side floor mat.



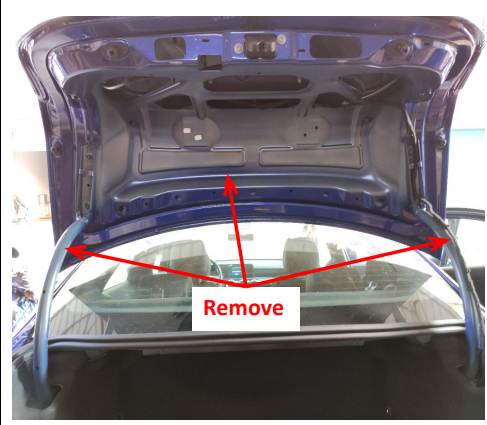
3. Find out the fuse box under the floor mat.



4. Remove the rear right side door sill panels.



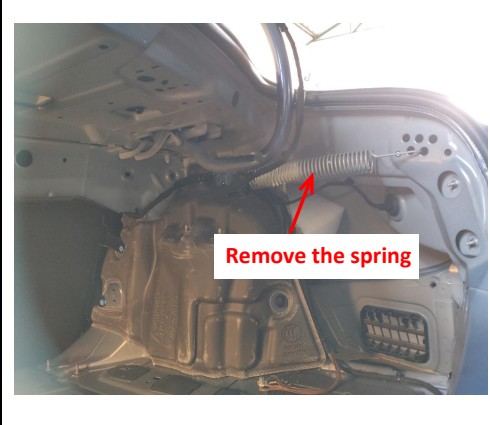
5. Remove the rear right side cover panel.



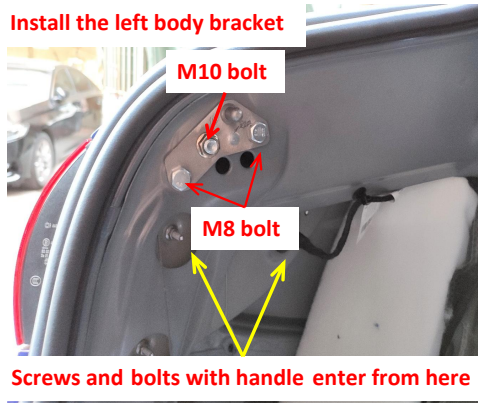
6. Remove the trim panels from the tailgate and hinges.



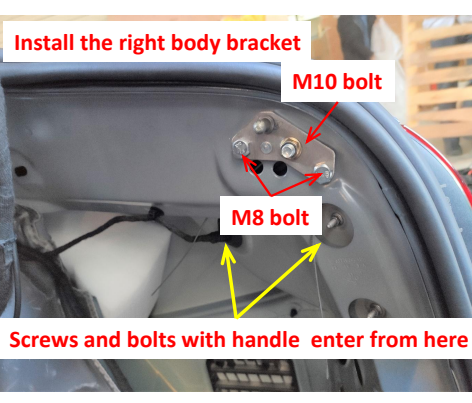
7. Remove the trunk liner and the trim panels on both sides of the trunk.



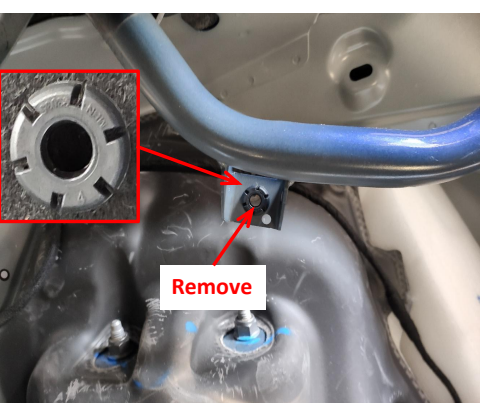
8. Remove the left and right springs from the trunk.



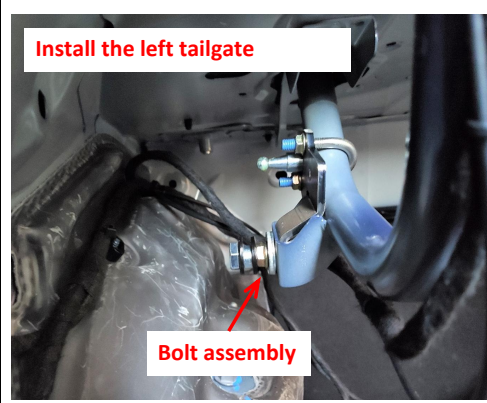
9. Install the left body bracket.



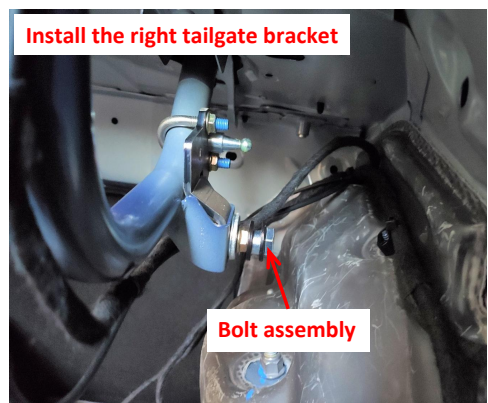
10. Install the right bracket.



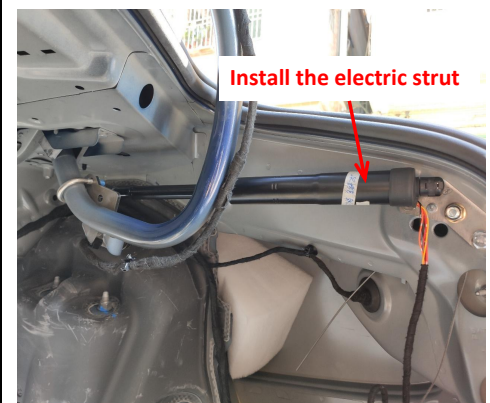
11. Remove the spring hanging rings from the left and right hinges.



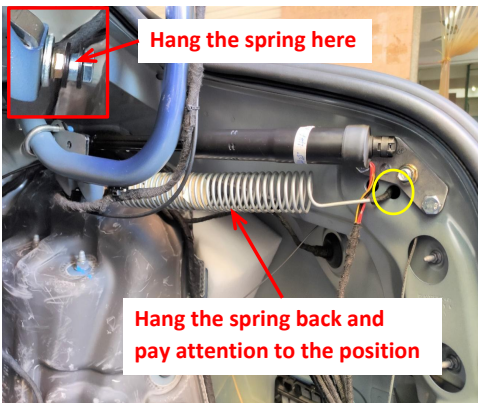
12. Install the left tailgate bracket.



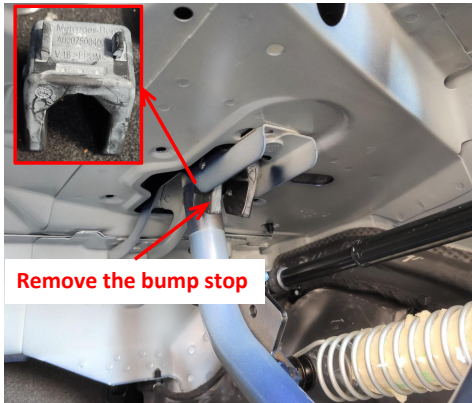
13. Install the right tailgate brackets.



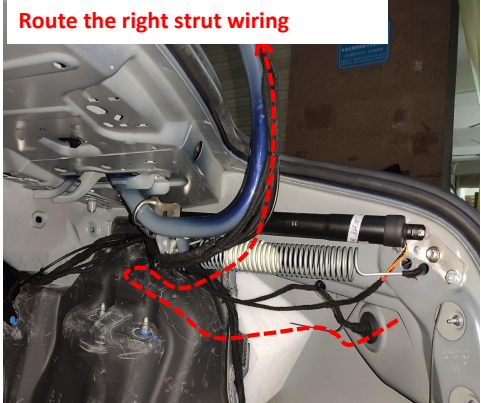
14. Install the electric struts, L on the left and R on the right (the first letter of the strut code), making sure the ends with wiring harnesses point outward.



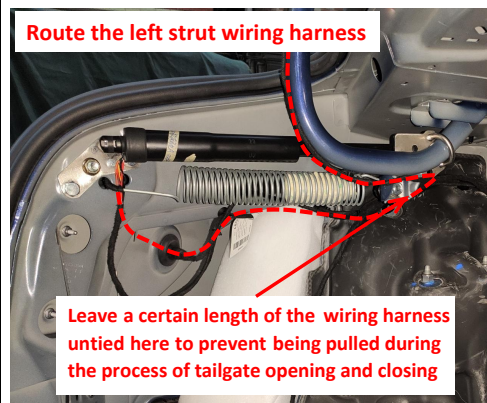
15. Hang the springs back with the long ends hanging on the car body.



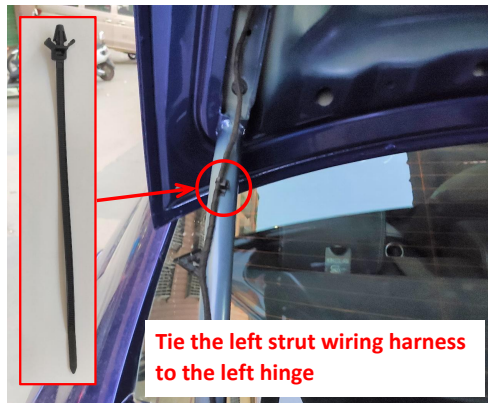
16. Remove the bump stops from the left and right hinges.



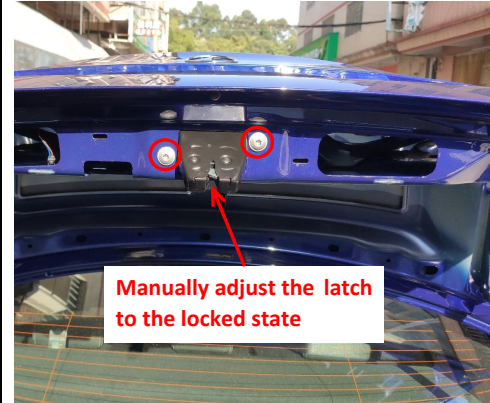
17. Route the right strut wiring harness to the tailgate (pay attention to avoid the spring) and tie it along with the original wiring harness.



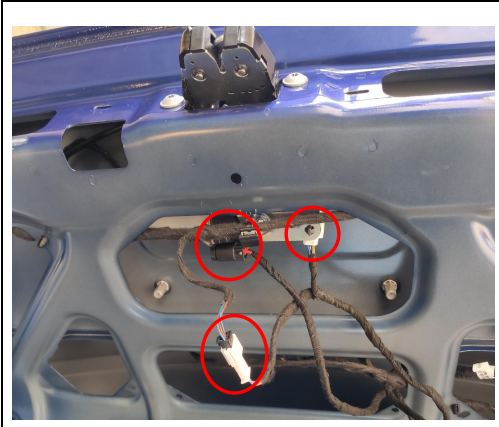

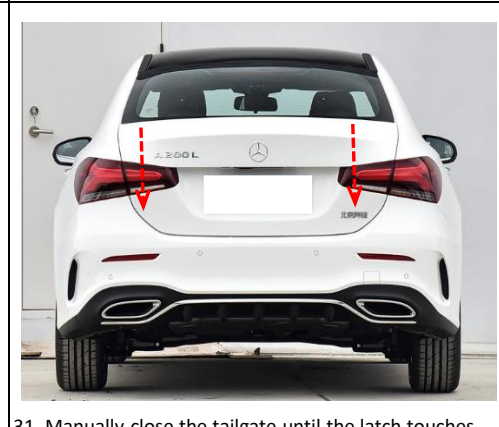
18. Route the left strut wiring harness to the tailgate along the hinges.



19. Tie the left strut wiring harness to the left hinge.



20. Remove the original latch, install our power latch, and then manually adjust the latch to the locked state.

					
<p>21. Connect the plugs of lock signal harness to the plugs of the power latch.</p>	<p>22. Connect the plugs of lock signal harness to the plugs of original tailgate switch and the added switch.</p>	<p>23. Route the emergency wires to the right side of the rear seat.</p>	<p>24. Route the power harness (routing only, no plugs or power connection).</p>	<p>25. Ground at the right side of the trunk.</p>	<p>26. Connect the plugs of power harness to the CAN signal plugs.</p>
					
<p>27. Connect the wire connector to the fuse box (fasten with a nut) for power supply and then put the fuse box cover back.</p>	<p>28. Route the power harness to the tailgate from the right side of the car and tie it along with the original wiring harness.</p>	<p>29. Fix the ECU to the indicated position on the tailgate with the sockets facing the power latch.</p>	<p>30. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence.</p>	<p>31. Manually close the tailgate until the latch touches the striker, then press the original tailgate switch to open the tailgate. The system will complete initialization, and then test each function of the electric tailgate.</p>	<p>32. Open a hole at the indicated position for installing the added tailgate switch.</p>
					
<p>33. Fasten the trim panel to the tailgate and align the hole to be opened with the sheet metal hole.</p>	<p>34. Mark the hole.</p>	<p>35. Stick to hole template to the marked position.</p>	<p>36. Open the hole.</p>	<p>37. Install the added tailgate switch and check whether the buttons can bounce back normally.</p>	<p>38. Reinstall all trim panels.</p>
<p>5. System initialization method</p> <ol style="list-style-type: none"> 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>6. Instructions for the Electric tailgate</p> <p>1. Methods to open and close the tailgate:</p> <ul style="list-style-type: none"> ●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 to close. 	<p>2. Method to pause the tailgate:</p> <p>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.</p> <p>3. Method to memorize the height:</p> <p>Open the tailgate to the height you want to set, long press the added tailgate switch button, and release the switch after hearing a long of "beep ----". The height memory is complete.</p> <p>Tip: During the operation of the tailgate, pause the tailgate, and then push the tailgate to the ideal height with your hand.</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 opened or closed in place;</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> <p>Long sound of "beep": The height memory is complete.</p>				