

Installation Manual

Compatible Model	CBYD CSong Pro DM-i
Year	2023-2025



8-ETBY-5005-00-00

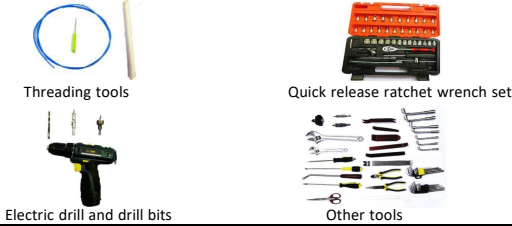
1. Points to note

- 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 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



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



3. Remove the tailgate trim panels.



4. Remove the trunk floor mat and left side trim panel.



5. Remove the gas struts.



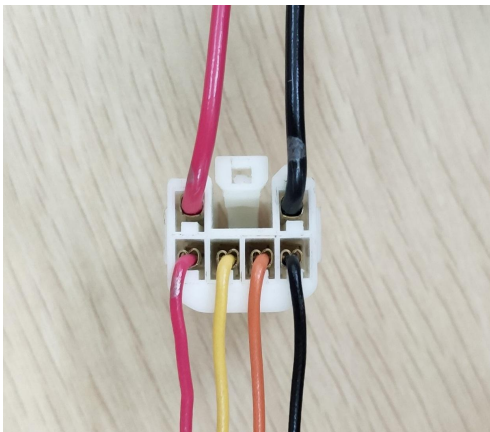
6. Install the electric struts, L on the left and R on the right (the first letter of the strut number), making sure the ends with wiring harnesses are on the vehicle body.



7. Remove the hole plugs on both sides of the tailgate.



8. Route the strut wiring harnesses to the tailgate.



9. Insert the strut wiring harness terminals into the wiring harness connector.



10. Plug the holes on both sides securely.



11. Remove the original latch.



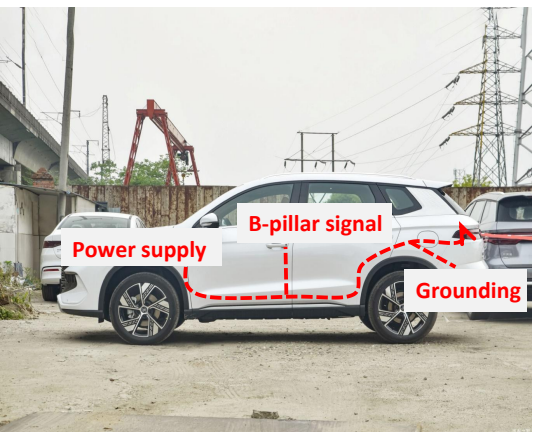
12. Connect the lock signal harness to the plug of original tailgate switch.



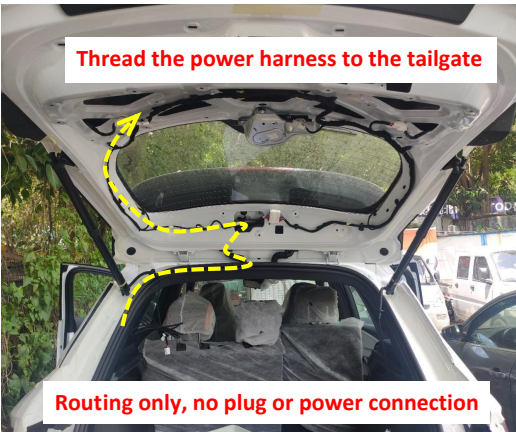
13. Connect the lock signal harness to the plugs of the power latch.



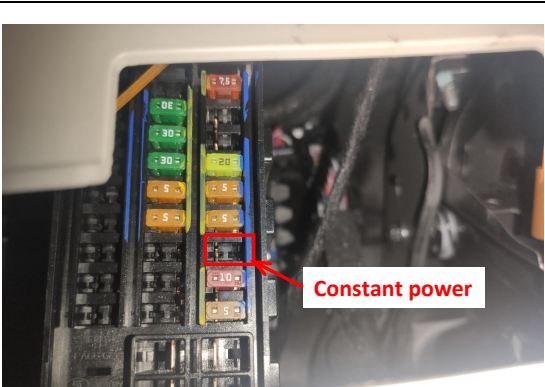

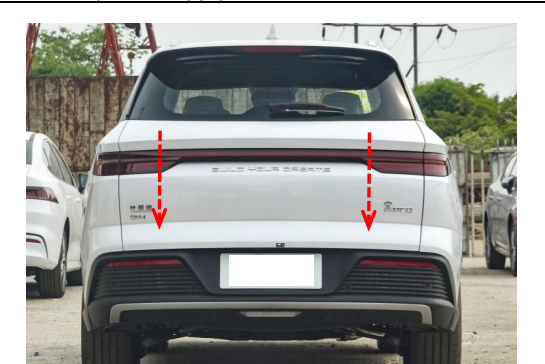

14. Install the power latch.



15. Route the power harness (routing only, no plug or power connection).



16. Thread power harness to the tailgate (routing only, no plug or power connection).

<div data-bbox="68 90 614 510"><p>Note: For models with fewer than 10 wires, just insert them according to the corresponding label or color.</p></div> <div data-bbox="68 510 614 569"><p>17. Insert the power harness terminals into the wiring harness connector as shown above.</p></div>	<div data-bbox="670 90 1166 510"><p>Ground at the left side of the trunk with the ring terminal</p></div> <div data-bbox="670 510 1166 569"><p>18. Ground at the indicated position on the left side of the trunk.</p></div>	<div data-bbox="1231 90 1730 510"><p>For 2023-2024 models, connect to the plug(7404); for 2025 model, connect to the plug(7405)</p></div> <div data-bbox="1231 510 1730 569"><p>19. Connect the plugs of the power harness to the B-pillar plugs at rear left side B-pillar.</p></div>	<div data-bbox="1795 90 2303 510"><p>Constant power</p></div> <div data-bbox="1795 510 2303 569"><p>20. The fuse box is located behind the storage box and the fuse slot for power supply is indicated above.</p></div>	<div data-bbox="2368 90 2858 510"><p>Wire points to the right</p></div> <div data-bbox="2368 510 2858 569"><p>21. Plug the fuse tap into the fuse box and pay attention to the direction of wire.</p></div>
<div data-bbox="68 569 614 989"><p>The screw can be freely adjusted on the bracket. Find an appropriate location for easy installation.</p></div> <div data-bbox="68 989 614 1050"><p>22. Place a bolt on the ECU bracket and then mount the ECU onto its bracket.</p></div>	<div data-bbox="670 569 1166 989"><p>Secure with a nut</p></div> <div data-bbox="670 989 1166 1050"><p>23. Place the ECU at the indicated position and secure it with a nut.</p></div>	<div data-bbox="1231 569 1730 989"><p>Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence.</p></div> <div data-bbox="1231 989 1730 1050"><p>24. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence.</p></div>	<div data-bbox="1795 569 2303 989"><p>Press the added tailgate switch button to open and close the tailgate once for initializing the system, and then test each function of the electric tailgate.</p></div> <div data-bbox="1795 989 2303 1050"><p>25. Press the added tailgate switch button to open and close the tailgate once for initializing the system, and then test each function of the electric tailgate.</p></div>	<div data-bbox="2368 569 2858 989"><p>Stick the hole template to the indicated position of the handle and open a hole for the added tailgate switch.</p></div> <div data-bbox="2368 989 2858 1050"><p>26. Stick the hole template to the indicated position of the handle and open a hole for the added tailgate switch.</p></div>
<div data-bbox="68 1050 614 1470"><p>Fit the added tailgate switch in.</p></div> <div data-bbox="68 1470 614 1528"><p>27. Fit the added tailgate switch in.</p></div>	<div data-bbox="670 1050 1166 1470"><p>Reinstall all trim panels and install the added tailgate switch.</p></div> <div data-bbox="670 1470 1166 1528"><p>28. Reinstall all trim panels and install the added tailgate switch.</p></div>	<div data-bbox="1231 1050 1730 1528"><p>5. System initialization method</p><ol style="list-style-type: none">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.<p>6. Instructions for the electric tailgate</p><ol style="list-style-type: none">1. Methods to open and close the tailgate:<ul style="list-style-type: none">●Press the tailgate button on the remote key 2 times;●Press the unlock button at the driver's area 3 times;●Press the original tailgate switch button;●Press the added tailgate switch button.</div>	<div data-bbox="1795 1050 2303 1528"><p>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.</p><p>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.</p><p>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.</p></div>	