

Installation Manual

Compatible Model	BYD Cseagull
Year	2023



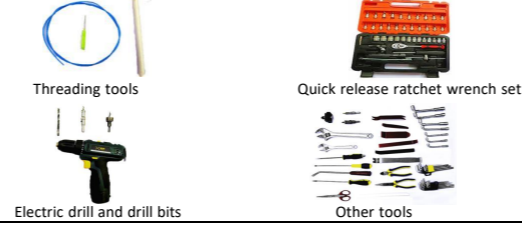
1. Points to note

- 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 driver's side trim panels.



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



3. Remove the tailgate trim panels.



4. Take out the trunk floor mat and remove the indicated trim panels.



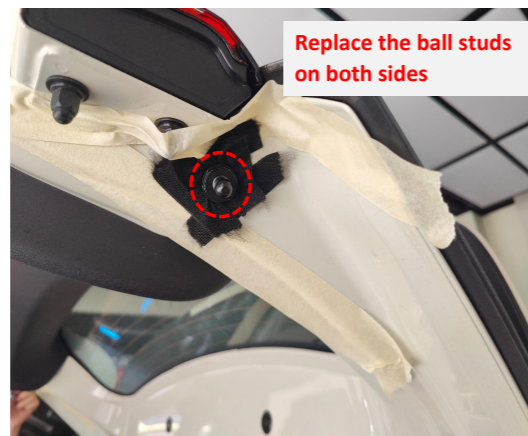
5. Remove the original gas struts.



6. Replace the original bracket with our left body bracket.



7. Replace the original bracket with our right body bracket.



8. Replace the original ball studs with our ball studs.



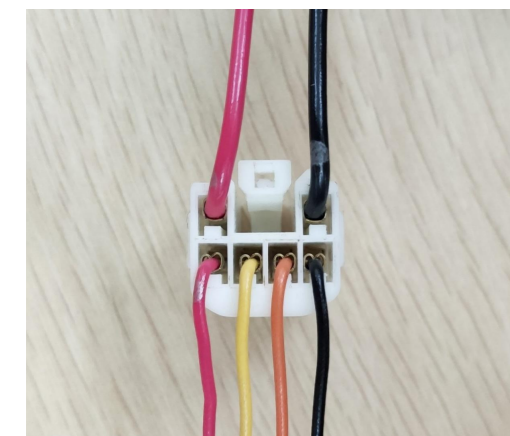
9. Install the electric struts, L on the left and R on the right (the first letter of the strut code).



10. Remove the rubber plug from the indicated position to allow the strut wiring harness to pass through.



11. Route the left and right strut wiring harness as indicated.



12. Insert the strut wiring harness terminals into the connector according to the diagram.



13. Remove the original latch.



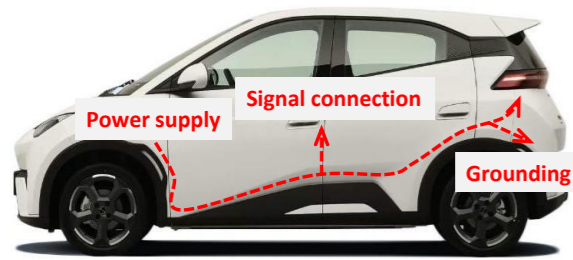
14. Connect the plugs of the lock signal harness to the plugs of the power latch.



15. Install the power latch and connect the plug of the lock signal harness to the added tailgate switch.



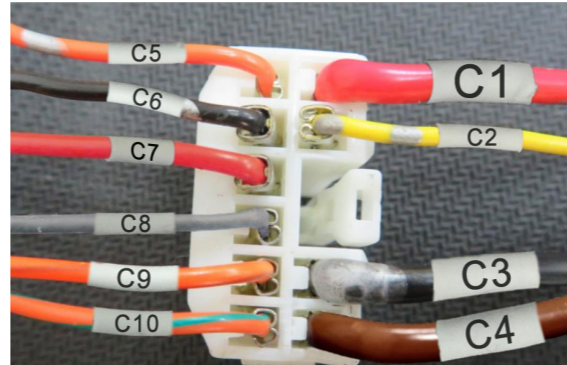
16. Connect the plugs of the lock signal harness to the plugs of original tailgate switch.



17. Route the power harness along with the original wiring harness. (Routing only, no terminals insertion or power connection)



18. Thread the power harness to the tailgate.



19. Insert the power harness terminals into the connector according to the diagram.



20. Ground at the indicated position on the left side of the trunk.



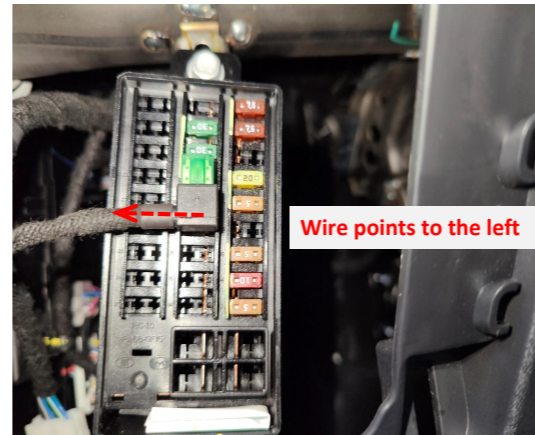
21. Connect to the signal plugs at the rear left B-pillar.

Check if all the plugs are properly connected.

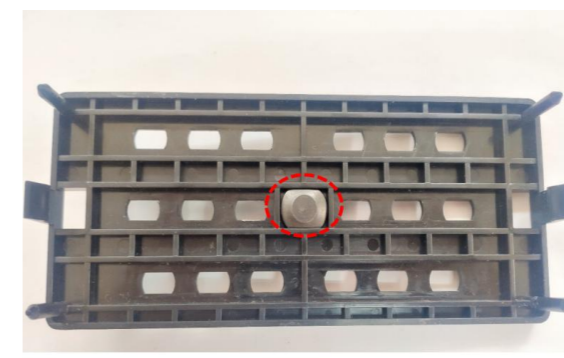
22. Check if all the plugs are properly connected and all the terminals are properly inserted.



23. The fuse box is located under the storage box at the driver's area and the slot for power supply is indicated.



24. Plug the fuse tap into the fuse box and pay attention to the direction of wire.



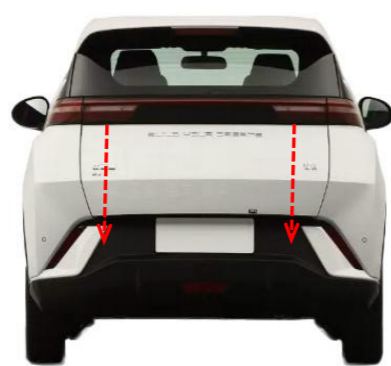
25. Put a screw on the ECU bracket and fit the ECU in.



26. Secure the ECU at the indicated position with a nut and make sure the sockets side face outward.



27. Insert the left and right strut wiring harnesses ① ②, lock signal harness ③, 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. Install the added tailgate switch and reinstall all the trim panels.

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 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.

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.