

Installation Manual

Compatible Model	CTank 300
Year	2024-2025



8-ETHF-5007-00-00

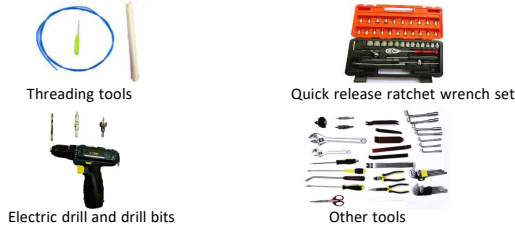
1. Points to note

- 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



3. Product list

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



1. Remove the driver side trim panel, door sill panel and storage box.



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



3. Remove the tailgate trim panel.



4. Take out the trunk floor mat, foam storage box and remove the indicated trim panels on both sides.



5. Remove the original gas strut.



6. Replace the body bracket.



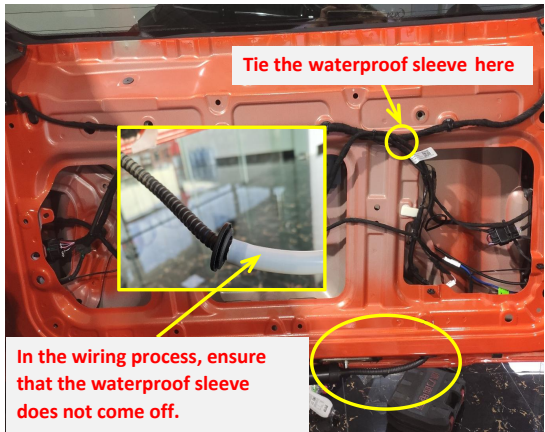
7. Replace the tailgate bracket.



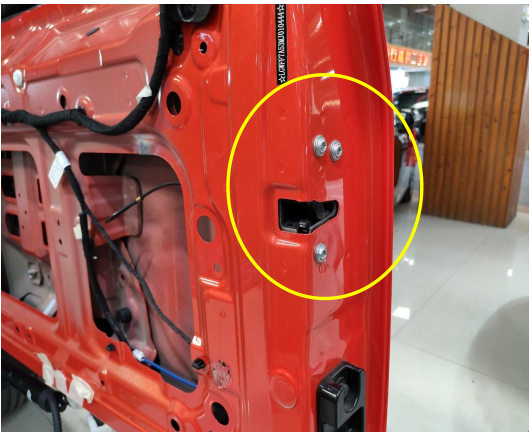
8. Install the electric strut and the end with wiring harness should be on the tailgate.



9. Drill a $\phi 21\text{mm}$ hole at the indicated position to allow the strut wire harness to pass through and plug the hole.



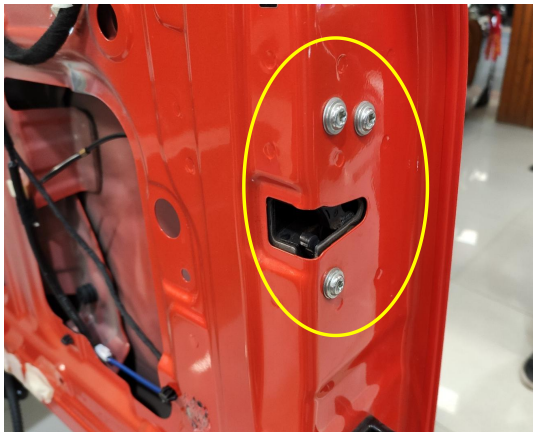
10. Thread the strut wire harness into the tailgate, plug the hole and tie the waterproof sleeve to the indicated position.



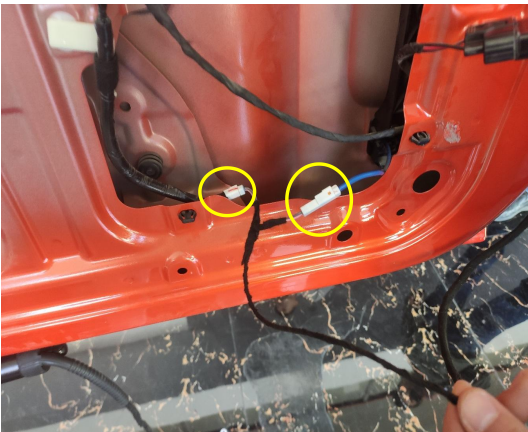
11. Remove the original latch.



12. Connect the T-harness of the lock signal harness to the power latch.



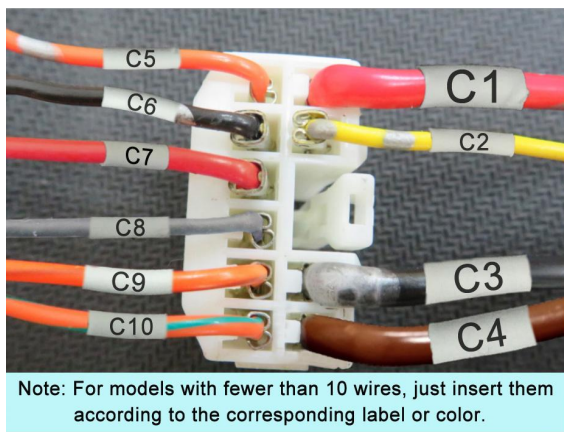
13. Install the power latch.



14. Connect the T-harness of the lock signal harness to the tailgate handle switch.

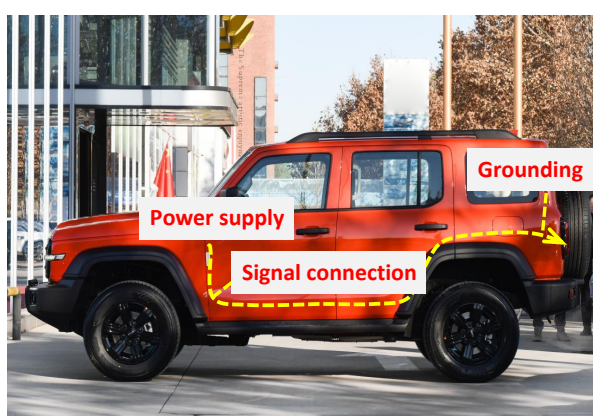


15. Route the power harness to the tailgate.

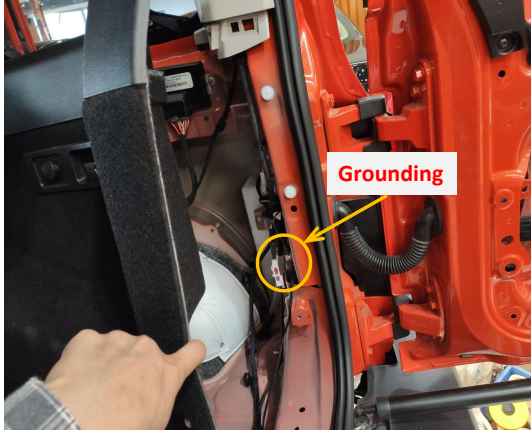


Note: For models with fewer than 10 wires, just insert them according to the corresponding label or color.

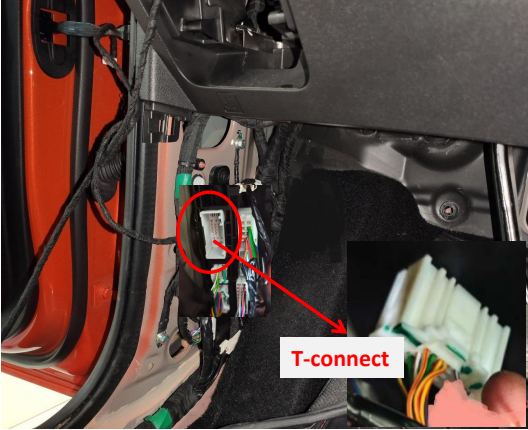
16. Insert the power harness terminals into the connector according to the diagram.



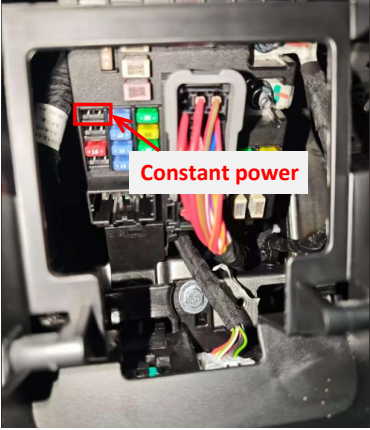
17. Route the power harness.



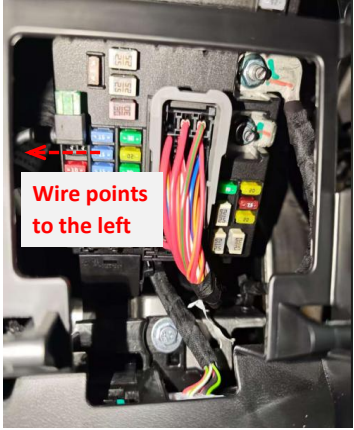
18. Ground at the right side of the trunk.



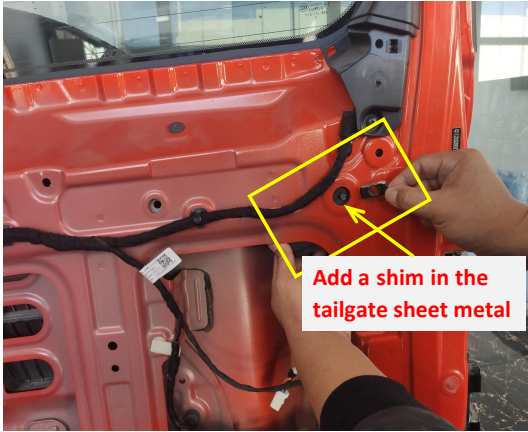
19. Connect the signal connectors to the indicated plug and its socket.



20. The fuse slot for power supply is indicated above.



21. Move the original fuse to the fuse tap and plug the fuse tap into the fuse box.



22. Secure the ECU bracket at the indicated hole.



23. Use a nut to secure the shim.



24. Insert the left and right strut wire harnesses①, lock signal harness②, and power harness③ into the ECU in sequence.



25. Replace the tailgate bump stop.



26. Press the added tailgate switch to open and close the tailgate once, the system completes initialization, and then test each function of the electric tailgate.



27. Reinstall all the trim panels after testing.

Due to the side-opening door design of this vehicle and the significant blind spots it creates, it is not recommended to install a control switch in the driver's area.

5. System initialization method
1. Ensure the tailgate is in the open position upon completion of installation;
2. Manually push the tailgate to the closed position;
3. Press the tailgate handle switch button, the tailgate opens automatically;
4. The system initialization is complete.

6. Instructions for the electric tailgate
1. Methods to open and close the tailgate:
●Press the unlock button on the remote key 3 times;
●Press the tailgate handle 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. Function settings using the tailgate handle switch (it can only be set when the tailgate is open)
①Closing speed acceleration (5 Settings)
1.Press and hold the switch button until hearing the first beep sound;
2.After releasing the button, you will hear a short beep, indicating that the closing speed acceleration has taken effect.
3.Repeat this step once to increase by one setting.
②Opening speed acceleration (5 Settings)
1.Press and hold the switch button until hearing the second beep sound;
2. After releasing the button, you will hear two short beeps, indicating that the opening speed acceleration has taken effect.
3. Repeat this step once to increase by one setting.
③Settings of the voice module
1.Press and hold the switch button until hearing the third beep sound;
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)
④Block the voice module
1.Press and hold the switch button until hearing the fourth beep sound
2.After releasing the button, you will hear four short beeps indicating that the voice module has been blocked.

⑤Height setting
1.Press and hold the switch button until hearing the fifth beep sound;
2.After releasing the button, you will hear a long beep sound indicating that the height setting has taken effect.
⑥Switch between quick/slow press of the unlock button on remote key
1.Press and hold the switch button until hearing the sixth beep sound.
2.After releasing the button, you will hear a long beep sound and a short beep sound indicating that the switch between quick and slow press of the unlock button has taken effect.
⑦Switch between pressing the unlock button twice/three times
1.Press and hold the switch button until hearing the seventh beep sound.
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.
⑧Braking force increase (five settings)
1.Press and hold the switch button until hearing the eighth beep sound.
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.
3.Repeat this step to increase by one setting.

⑨Restore to factory settings
1.Press and hold the switch button until hearing the ninth beep sound.
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.
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.