

Installation Manual

Compatible Model	CVolvo CXC40
Year	2020-2023



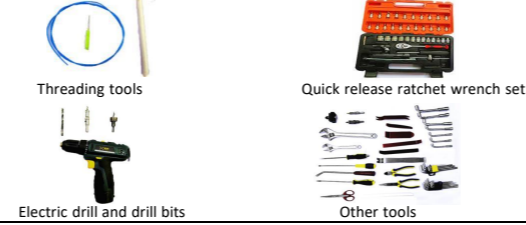
1. Points to note

- 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	Lock latch and actuator	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



1. Remove the front left side door sill panels and the switch panel.



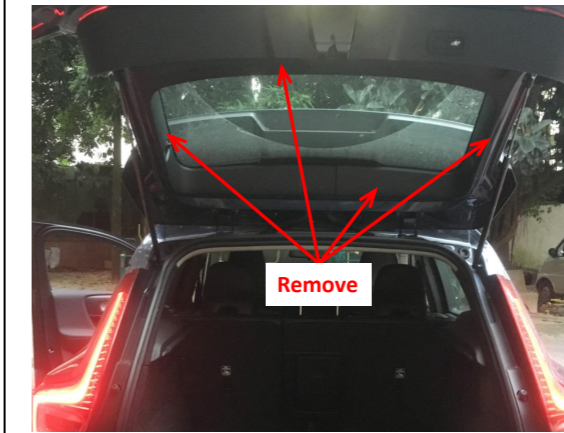
2. Remove the rear left side door sill panel and B-pillar trim panel.



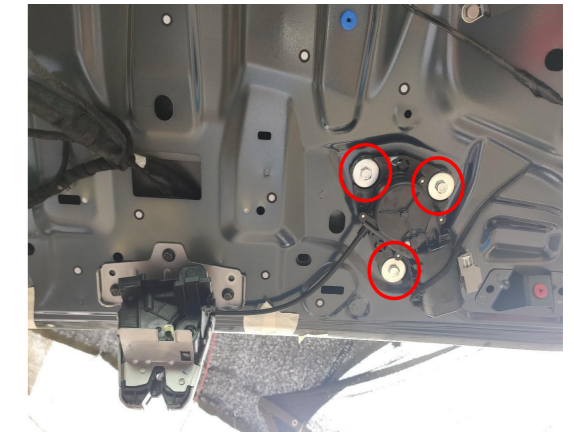
3. Remove the trunk floor mat and the door sill panel.



4. Remove the trim panel on the left side of the trunk.



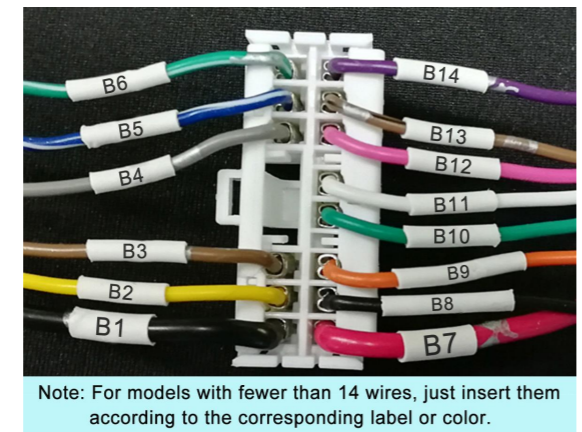
5. Remove the tailgate trim panels.



6. Remove the original latch and install our lock latch and actuator.



7. Route the signal harness to the left side of the trunk.



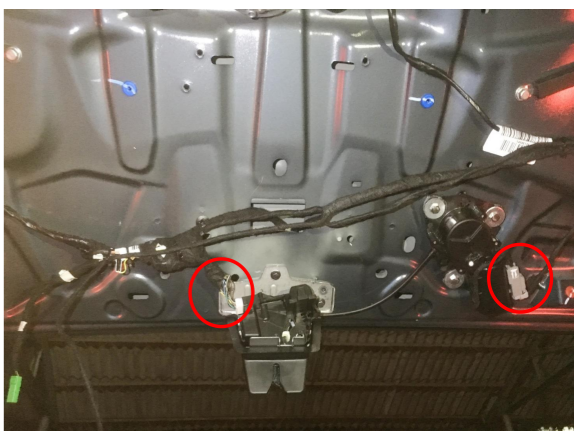
8. Insert the power harness terminals into the wiring harness connector.



9. Remove the tailgate handle switch.



10. Connect the plugs of the lock signal harness to the lock latch, actuator and the added tailgate switch.



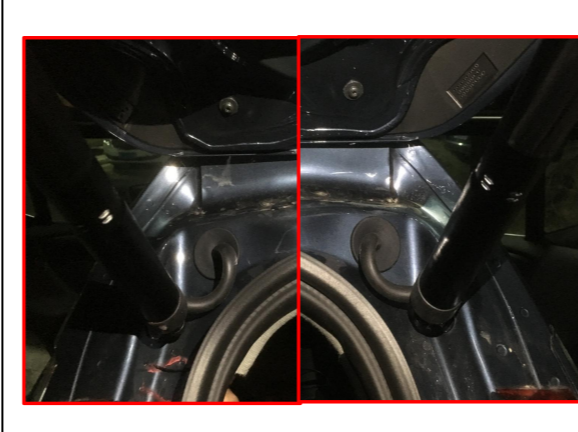
11. Connect the lock signal harness to the plugs of the lock latch, actuator and the added tailgate switch.



12. Remove the gas struts.



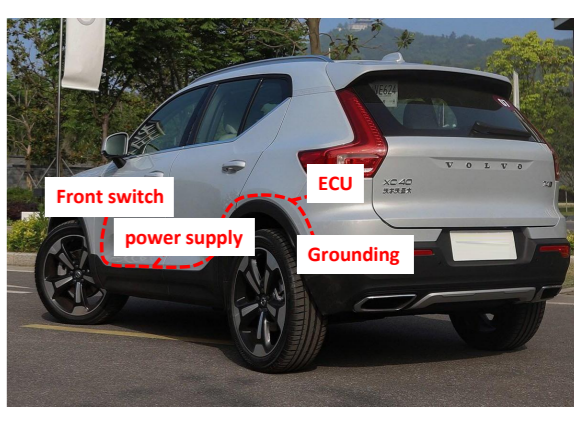
13. Install the electric struts, L on the left and R on the right (the first letter of the strut code).



14. Thread the strut wiring harnesses through the reserved holes into the vehicle body.



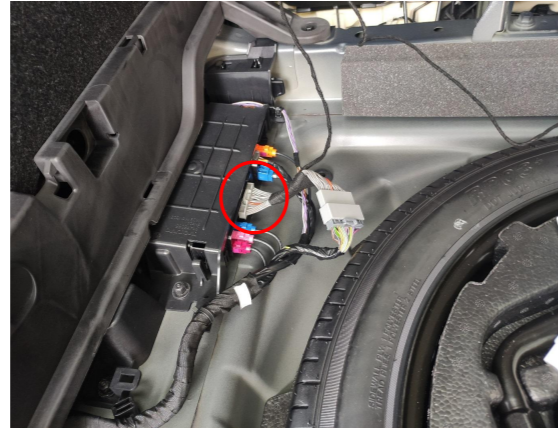
15. Route the strut wiring harnesses as indicated.



16. Route the power harness.



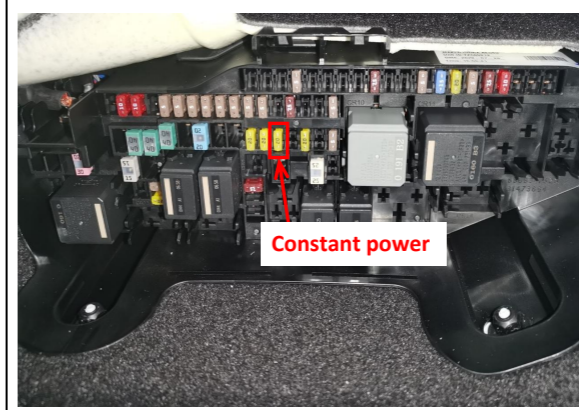
17. Connect the power harness to the plugs of the front tailgate switch.



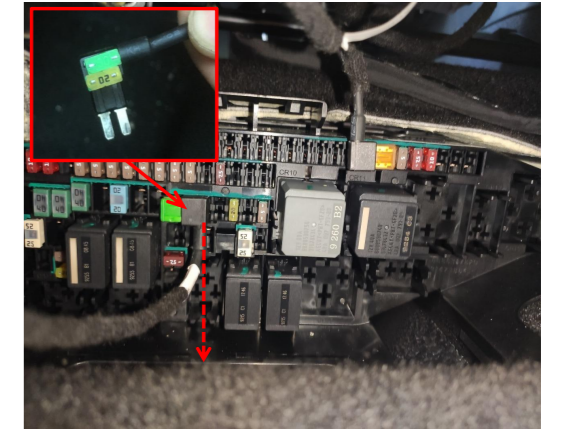
18. Connect the power harness to the indicated CAN plug and its socket



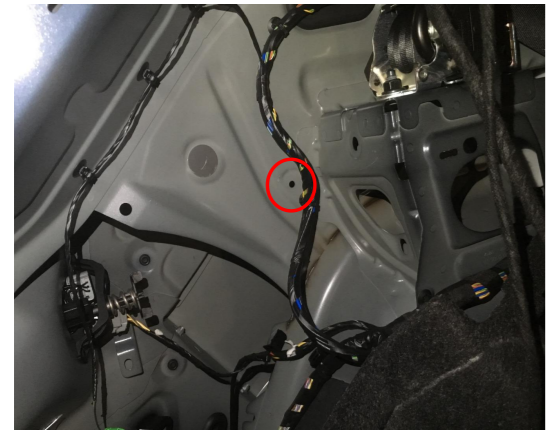
19. Ground at the left side of the trunk.



20. The fuse box is located under the driver's seat and the fuse slot for power supply is indicated above.



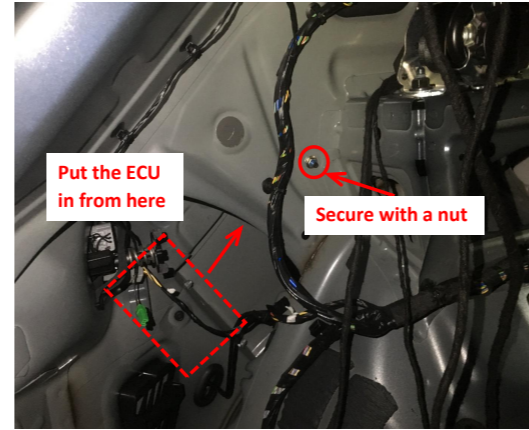
21. Move the original fuse from the fuse box to the fuse tap and plug the fuse tap into the fuse box.



22. Remove the cable clip from the indicated position for the ECU bracket.



23. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence and then mount the ECU onto its bracket.



24. Place the ECU at the indicated position and secure it with a nut.



25. Initialize the system once and test the functions of the electric tailgate.



26. Reinstall all trim panels and fit the added tailgate switch in.

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 unlock button on the remote key 3 times;
- Press the unlock button at the driver's area 3 times;
- Press the tailgate handle switch button;
- Press the added tailgate switch button;
- Press the front tailgate switch button: press 2 times (press for 1s first, release and wait for 1s, and press again for 1s).

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.