

Installation Manual

Compatible Model	CToyota CCrown
Year	2023



8-ETTY-5087-00-00

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 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



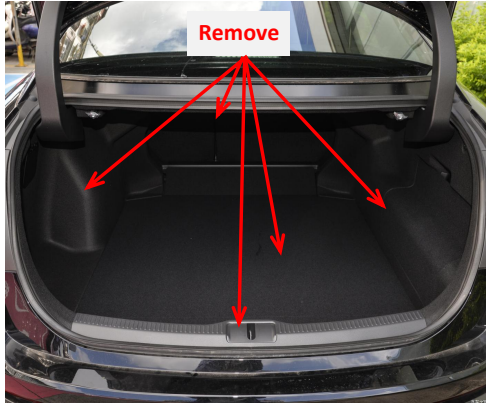
1. Remove the front left door sill panels.



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



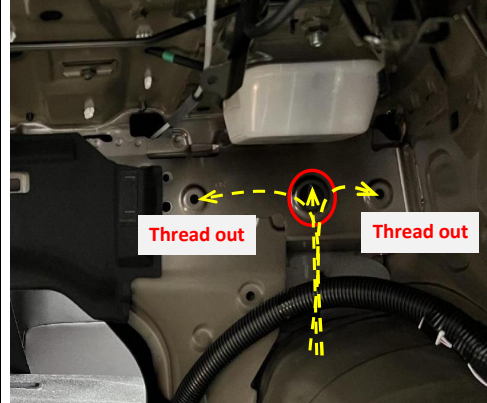
3. Remove the tailgate trim panel and hinge trim panels.



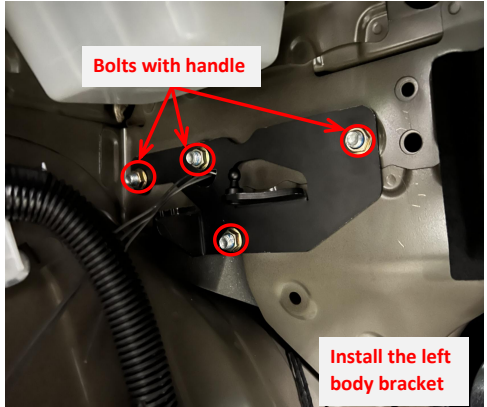
4. Remove the indicated trim panels and floor mat from the trunk.



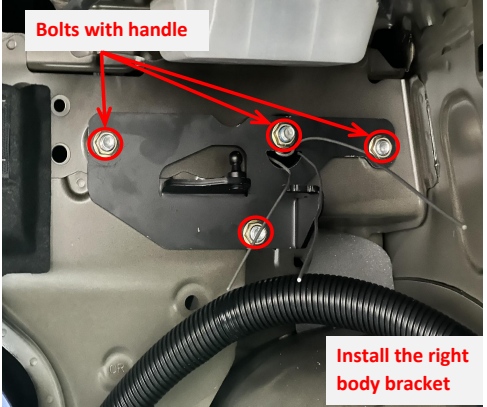
5. Fold all the rear seats.



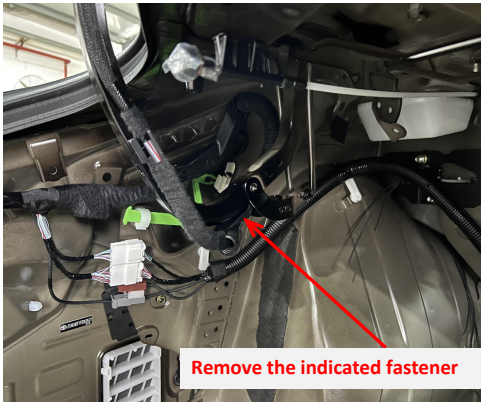
6. Thread three bolts and handles into the tailgate through the indicated hole and thread out two bolts through the holes on both sides with one bolt left inside.



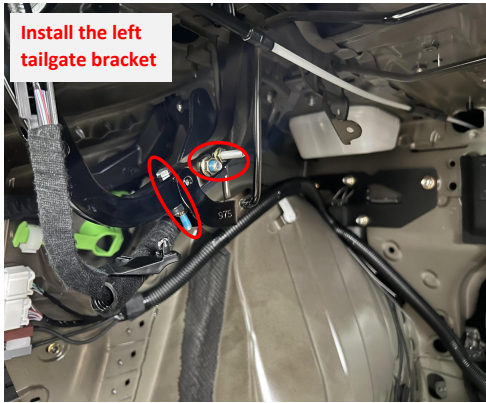
7. Install the left body bracket. (Both sides follow the same method)



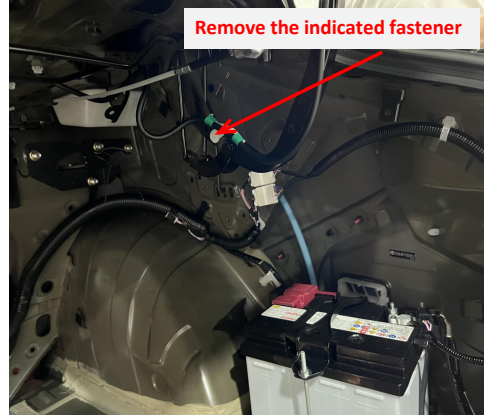
8. Install the right body bracket. (Both sides follow the same method)



9. Remove the indicated fastener from the left hinge.



10. Install the left tailgate bracket on the left hinge.



11. Remove the indicated fastener from the right hinge.



12. Install the right tailgate bracket on the right hinge.



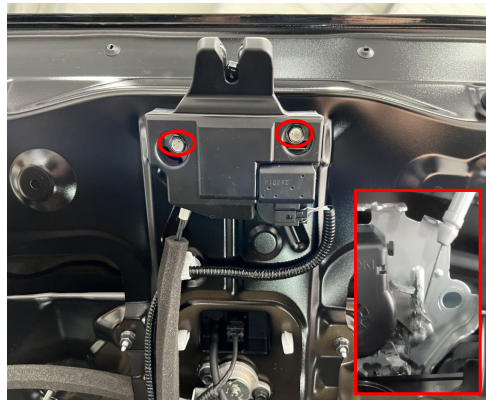
13. Install the left strut (L&R are marked as the first letter of the strut code).



14. Install the left strut (L&R are marked as the first letter of the strut code).



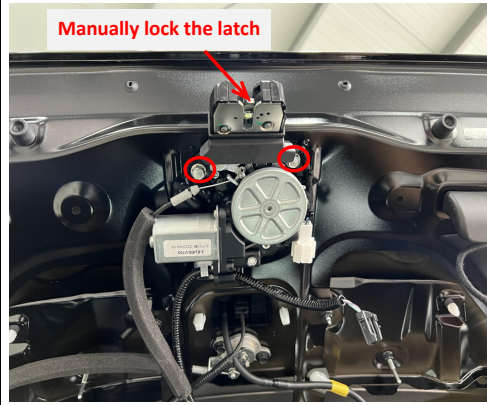
15. Route the strut wiring harnesses to the left side of the trunk along with the original wires.



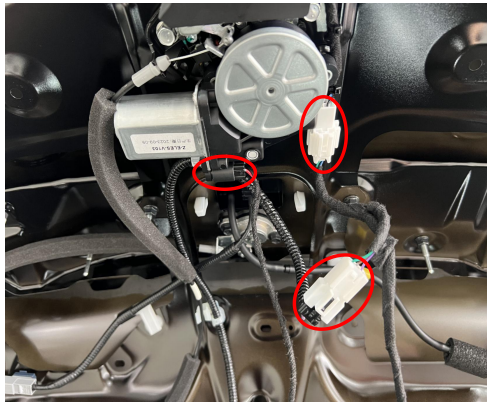
16. Remove the original latch and the emergency cable.



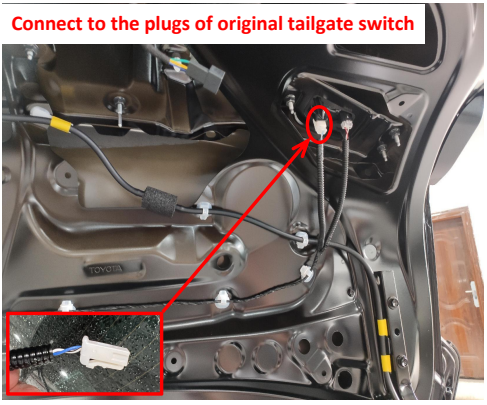
17. Install the original emergency cable onto the power latch (there are two fasteners. Choose the outer fastener)



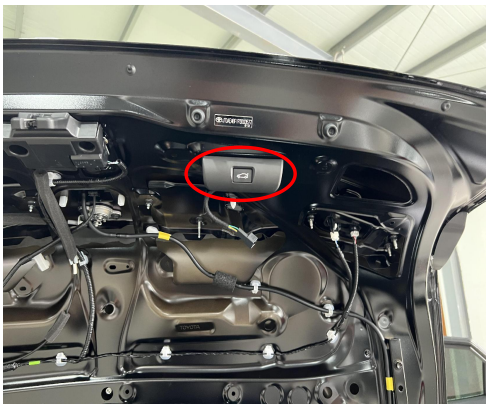
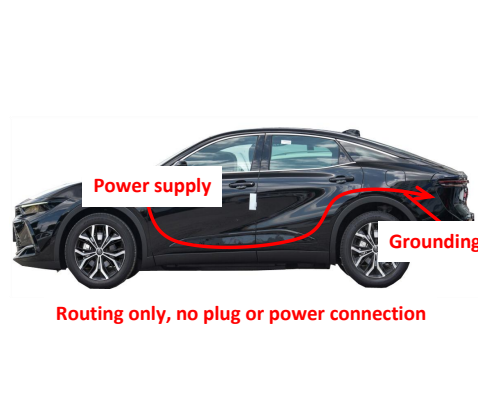
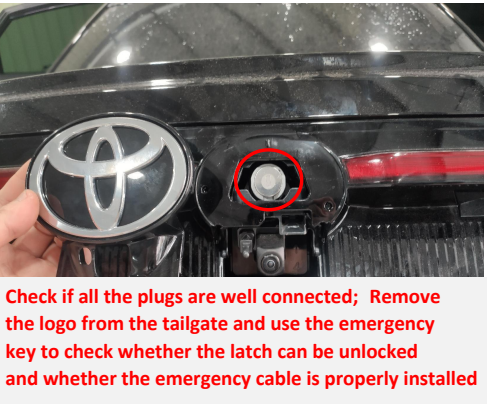
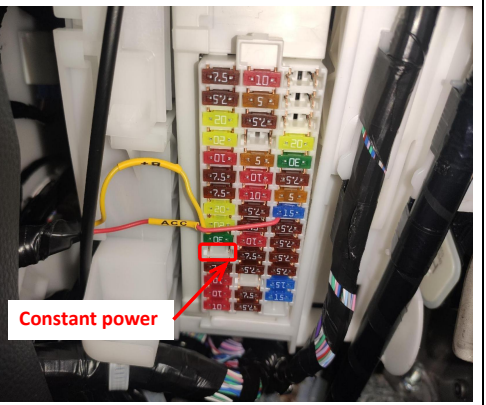
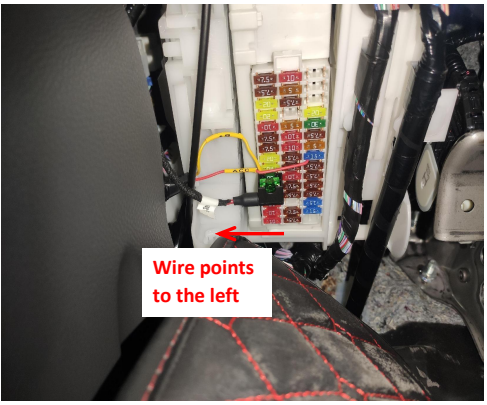
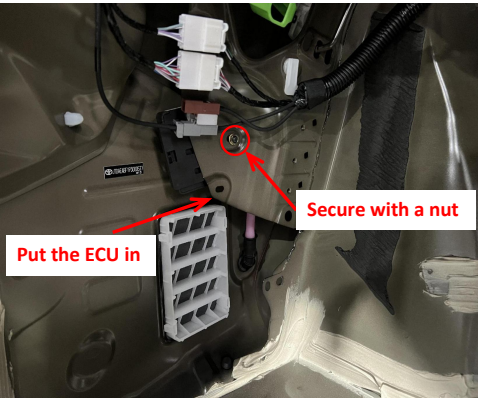
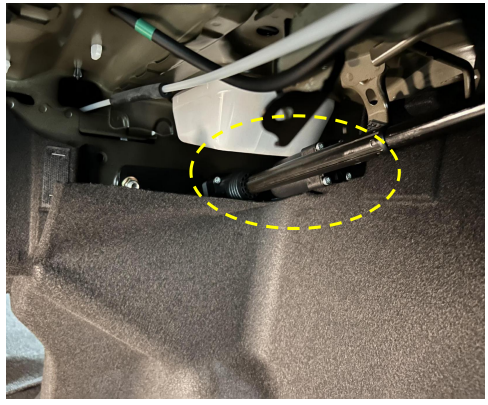
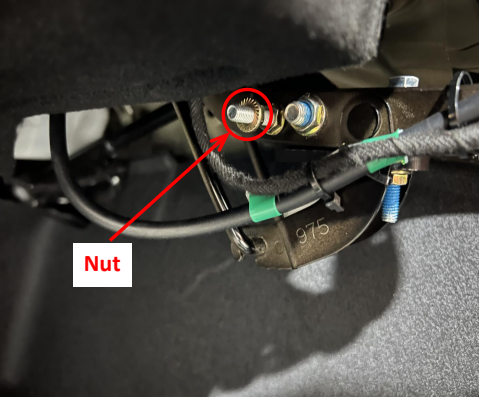
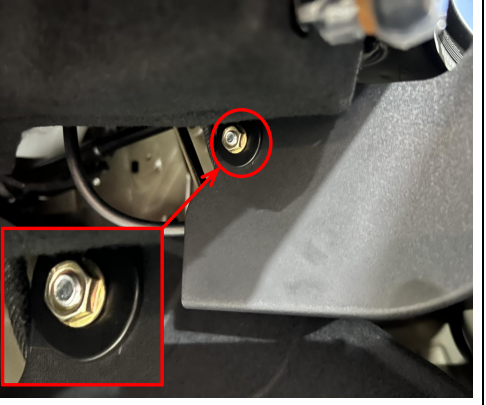
18. Install the power latch and manually lock the latch.



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



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

 21. Install the added tailgate switch with original screws and connect the plug of the lock signal harness with the added tailgate switch.	 22. Wrap the two emergency wires separately with electrical tape and hide them under the indicated trim panel on the left side of the rear seats.	 23. Route the power harness as indicated.	 24. Ground at the indicated position on the left side of the trunk.	 25. Check all the plugs and whether the latch can be unlocked properly.	 26. The fuse box is located at the left side of the pedals and the fuse slot for power supply is indicated above.
 27. Plug the fuse tap into the fuse box. Pay attention to the direction.	 28. Secure the ECU at the left side of the trunk.	 29. Insert the left and right strut wiring harnesses ①②, lock signal harness ③, power harness ④ into the ECU in sequence and tie them with original wires.	 30. Install the trim panels on both sides of the trunk back and properly trim the panels to prevent interference with the strut operation.	 31. Fasten a nut to the long bolt on the tailgate bracket.	 32. Install the left and right hinge trim panels back and tighten the nuts and washers.
1. Manually adjust the latch to the locked state; 2. Manually close the tailgate to the position where the latch touches the striker; 3. Press the original tailgate switch button to open the tailgate and check whether the tailgate can be opened normally and the latch can be unlocked normally; 4. Confirm that the power latch and the electric struts function well before continuing to install. 33. Check whether the power latch and the electric struts function well.	 34. 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.	 35. Install all trim panels back and install the added tailgate switch.	5. System initialization method 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. 6. Instructions for the Electric tailgate 1. Methods to open and close the tailgate: • Press and hold the tailgate button on the remote key; • Press and hold the tailgate button at the driver's area; • Press the original tailgate switch button (It can only be used when the key is nearby because this vehicle is equipped with a keyless entry system); • 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 button, and release the switch after hearing a long of "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 opened or closed in place; "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.	