

Installation Manual

Compatible Model	CLexus CGS
Year	2013



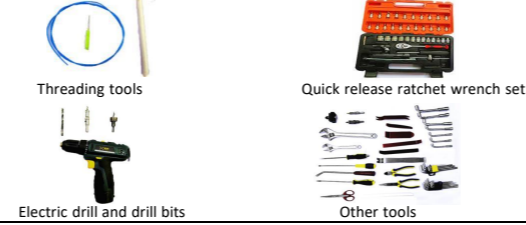
1. Points to note

- 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.



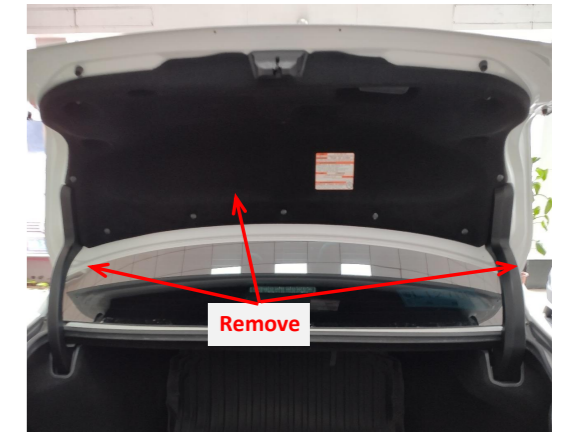
- Check the function display of instrument panel before installation, whether the button of the vehicle is working properly, whether the doors and windows work properly while opening and closing, whether there are scratches on the internal and external surfaces of the vehicle; and report to the customers 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

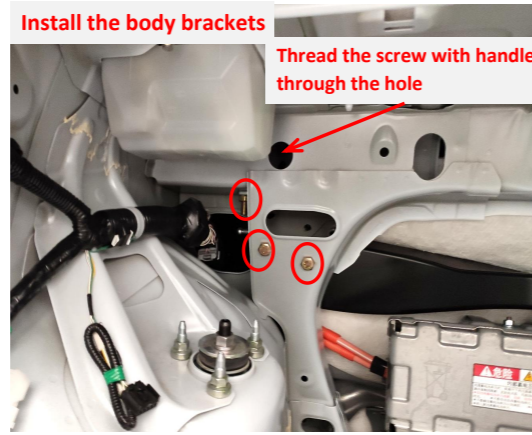
No.	Name	QTY	Picture
①	Strut	2	
②	ECU	1 set	
③	Wiring harness	1 set	
④	Power latch	1	
⑤	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1 set	Omitted



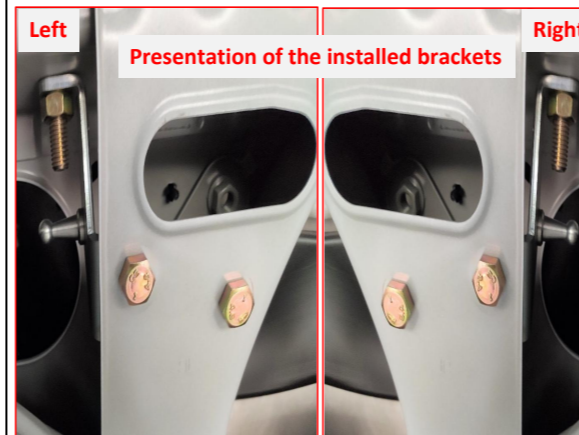
1. Remove the tailgate trim panels.



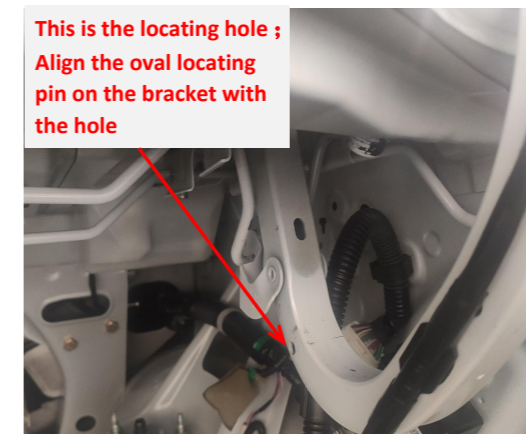
2. Remove the trunk floor mat and trim panels.



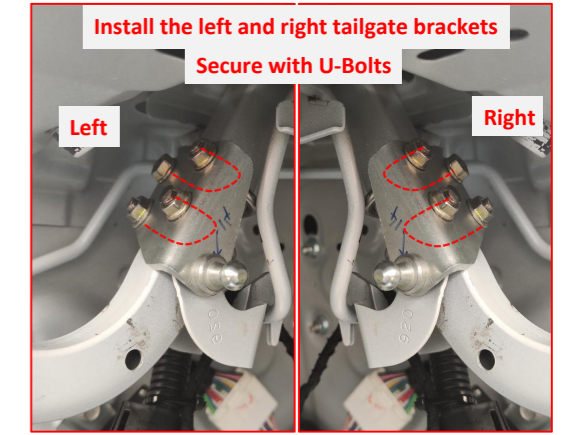
3. Install the body brackets. Both sides follow the same methods.



4. The two brackets are symmetrical.



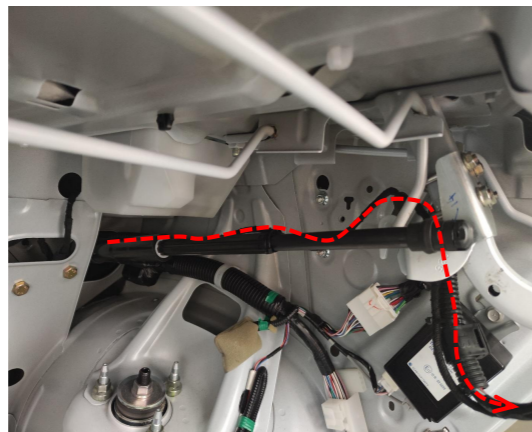
5. Install the tailgate bracket, aligning with the indicated hole.



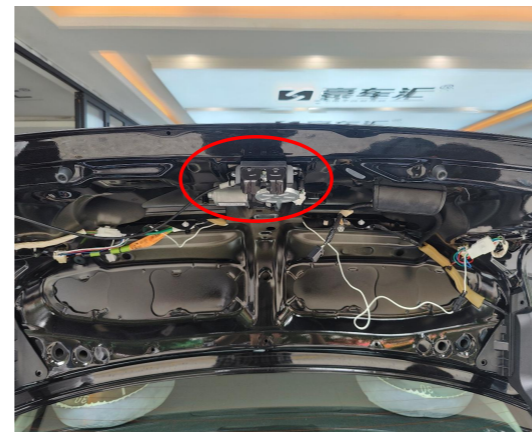
6. Install the tailgate brackets (remove the wire clips that interfere with the bracket before installation).



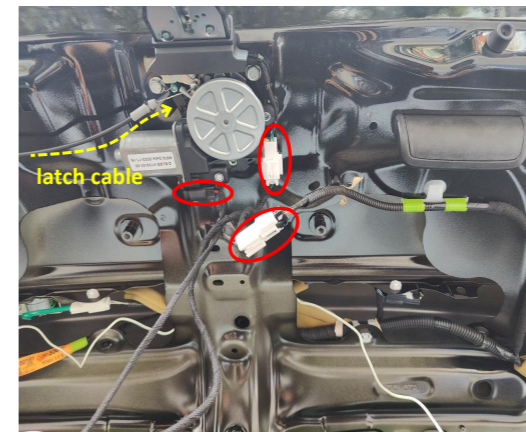
7. Install the electric struts, L on the left and R on the right (the first letter of the strut code), making sure the ends with wiring harnesses are on the car body.



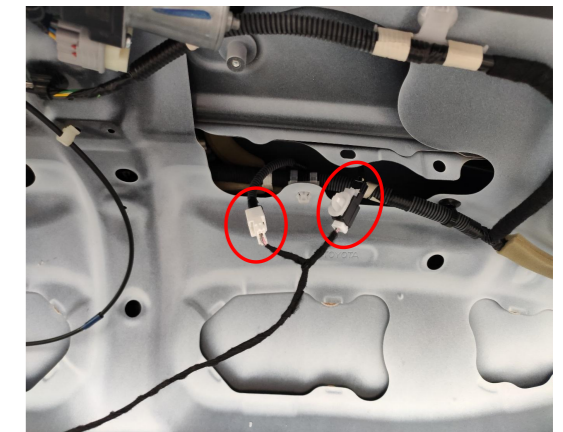
8. Tie the strut wiring harnesses along with the original wires and route them along the hinges to the tailgate.



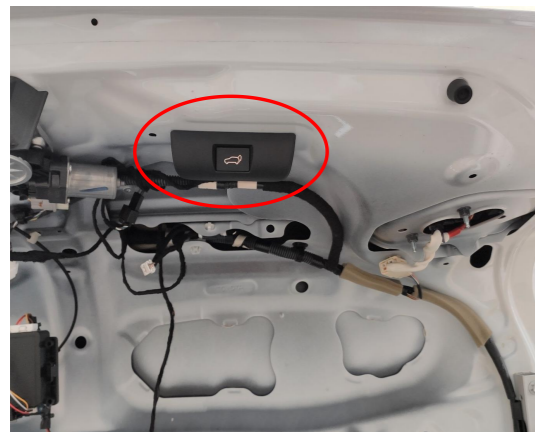
9. Remove the original latch and install our power latch.



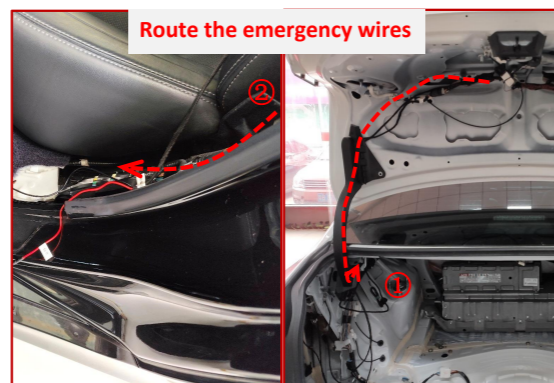
10. Connect the lock signal harness to the plugs of the power latch (reinstall the original latch cable).



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



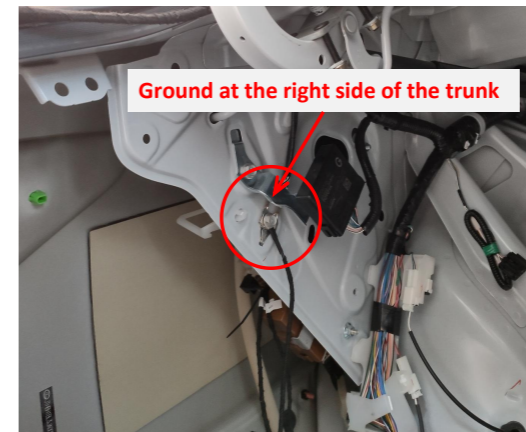
12. Install the added tailgate switch.



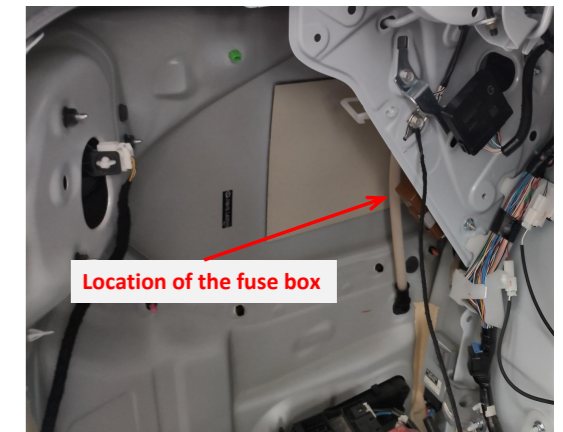
13. Route the emergency wires along the left hinge ① to the left side of the rear seats ②.



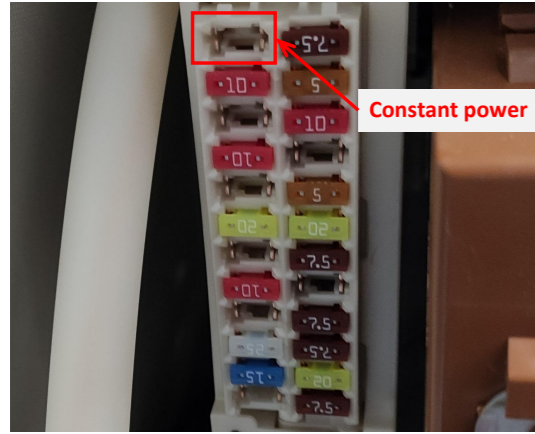
14. Route the power harness from the left hinge to the tailgate (routing only, no power connection).



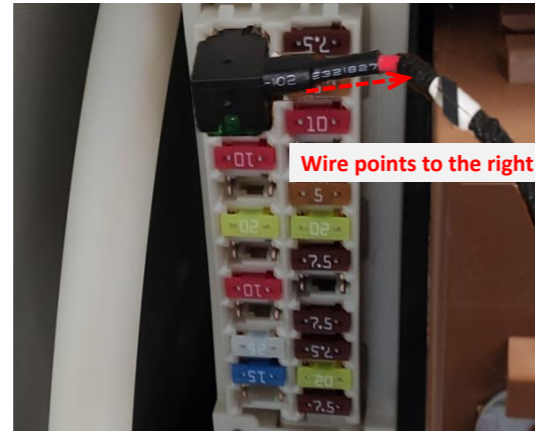
15. Ground at the indicated location on the right side of the trunk.



16. The fuse box for power supply is on the left side of the trunk.



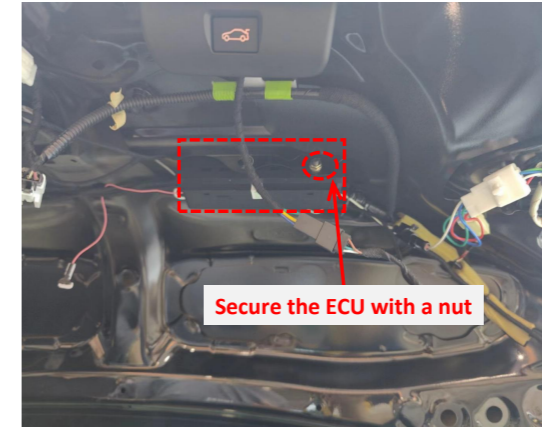
17. The fuse slot for power supply is indicated above.



18. Plug the fuse tap into the fuse box. Pay attention to the direction.



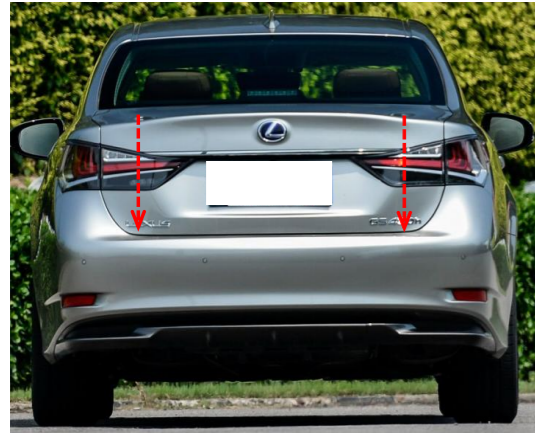
19. Insert the strut wiring harnesses ①②, lock signal harness ③, and power harness ④ into the ECU in sequence.



20. Install the fuse box and secure it with a nut.

1. Adjust the lock latch to the locked state by hand;
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 lock latch can be unlocked normally;
4. Confirm that the lock actuator and the electric struts work properly before continuing to install.

21. Confirm that the power latch and the electric struts work properly before continuing to install.



22. Test each function of the electric tailgate.



23. Reinstall all the trim panels (properly cut off the trim panels of the trunk and the hinges).

- 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 3 times;
 - Press the tailgate button at the driver's area;
 - 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.