

# Installation Manual

Compatible Model	CVolkswagen CID.4
Year	2021-2022



## 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 according to the wiring method in this manual, be sure to tie each wiring to the vehicle's original wiring with cable ties. Make sure the wirings are not located at the fasteners or screw holes to avoid the wirings crushed by the vehicle interior trim panel buckles and screws during the installation process.

• Because some of the wiring terminals (as shown in the red ellipses below) are not inserted into the wiring connectors during manufacture, please insert terminals into the wiring connector first to avoid short circuit between terminals after the wirings have been arranged, then connect other plugs of the wirings (as shown in the blue ellipses below) with the original plugs.

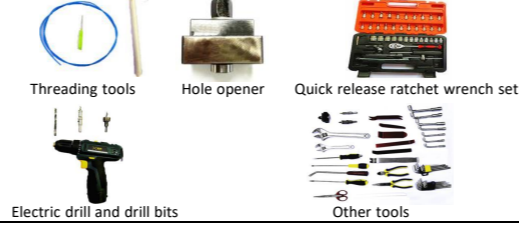


• Check the function display of instrument panel before installation, whether the button of the vehicle is working properly, whether the doors and windows work properly while opening and closing, whether there are scratches on the internal and external surfaces of the vehicle; and report to the customers 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	
	Added tailgate switch	1	
⑥	Other parts (screws, brackets, etc.)	1	Omitted



1. Remove the front left side trim panel and door sill panel.



2. Remove the lower trim panel of the steering wheel.



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



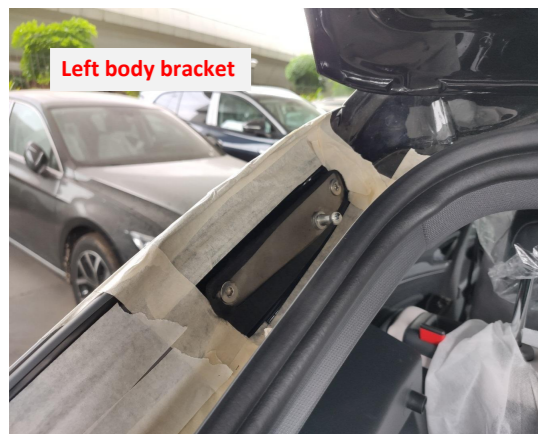
4. Remove the tailgate trim panels.



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



6. Remove the original gas struts.



7. Replace the Left body bracket.



8. Replace the right body bracket.



9. 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 wirings are on the car body.



10. Remove the rubber plug from the hole to allow the strut wiring to pass through; both sides are the same.



11. Route the strut wiring harnesses to the left side of the trunk.



12. Plug the hole securely; both sides are the same.



13. Remove the original latch.

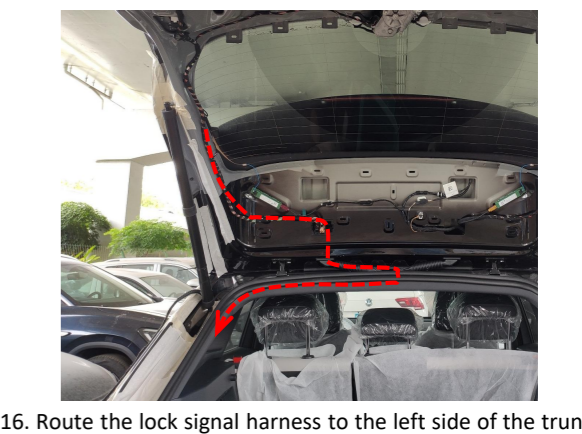


14. Remove the plastic housing from the power latch and cut off the cable tie.



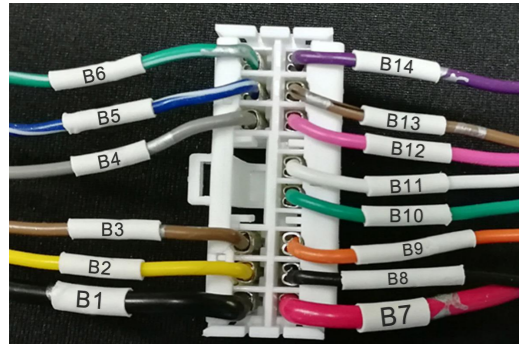
The latch has been adjusted to the secondary lock state when leave the factory. Please unlock it manually during installation

15. Install the power latch and fix the indicated plug to its original position.



16. Route the lock signal harness to the left side of the trunk (no plug connection before inserting terminals into the wiring connector).





Note: For models with fewer than 14 wires, just insert them according to the corresponding label or color.

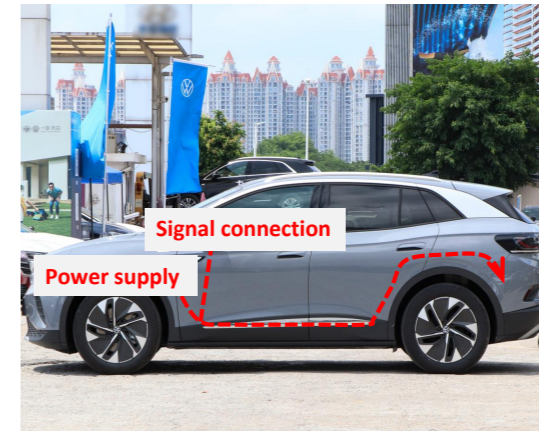
17. Route the lock signal harness to the left side of the trunk (no plug connection before inserting terminals into the wiring connector).



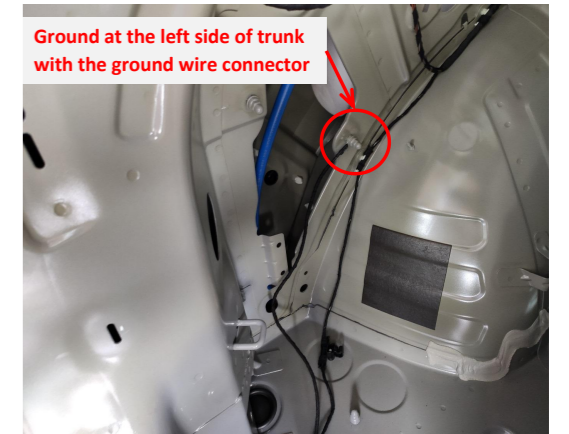
18. Connect the plugs of the lock signal harness to the power latch and put the original housing on the power



19. Connect the plugs of the lock signal harness to the plugs of the original tailgate switch and added tailgate switch.



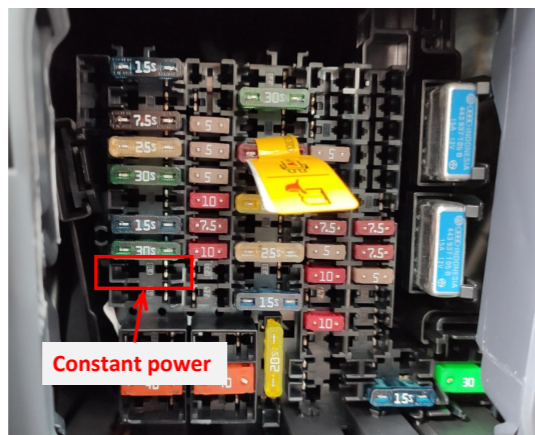
20. Route the power harness.



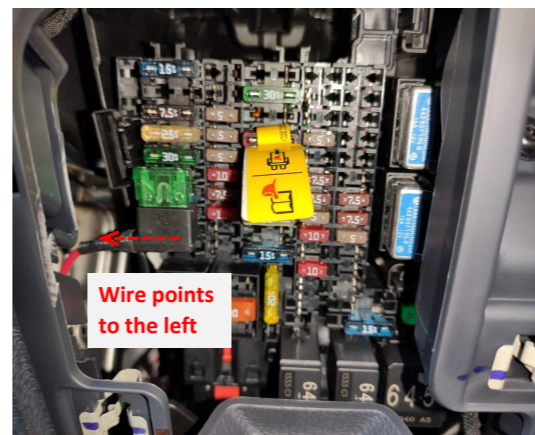
21. Ground at the indicated position on the left side of the trunk.



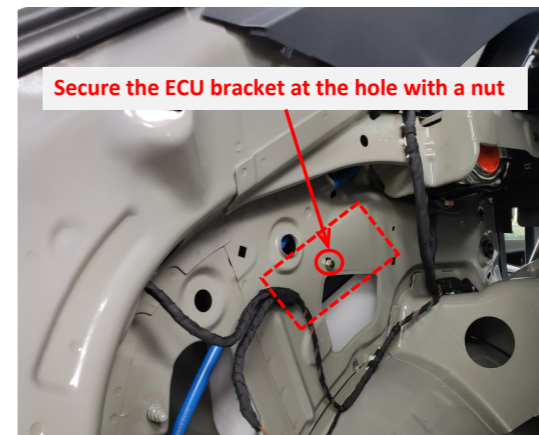
22. Connect the power harness with the signal plug and its socket under the steering column.



23. The location of fuse slot for power supply is indicated above.



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



25. Place the ECU bracket at the indicated position on the left side of the trunk and secure it with a nut.



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



27. Press the added tailgate switch button to open and close the tailgate once for initializing the system, and then test the functions of the electric tailgate.



28. Reinstall all trim panels and install the added switch (remove the original cover panel). If the switch is too loose after installation, wrap a loop of tape around the switch.

### 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;
  - Press the unlock button at the driver's area 6 times;
  - Press the original tailgate switch button to open;
  - Press the added tailgate switch button to close.

### 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. Instructions for the added tailgate switch

#### ① Closing speed acceleration

Press and hold the added switch button on tailgate until hearing a beep sound. When the tailgate makes a short beep sound again, the close speed acceleration is complete. (There are five speed settings. Repeat this step once to increase by one setting.)

#### ② Opening speed acceleration

Press and hold the added switch button on tailgate until hearing two beep sounds. When the tailgate makes two short beep sounds again, the open speed acceleration is complete. (There are five speed settings. Repeat this step once to increase by one setting.)

#### ③ Height setting

Press and hold the added switch button on tailgate until hearing three beep sounds. When the tailgate makes three short beep sounds again, the height setting is complete. Tip: During the operation of the tailgate, pause the tailgate, and then push the tailgate to the ideal height.

#### ④ Switch between quick/slow press of the unlock button on remote key

Press and hold the added switch button on tailgate until hearing four beep sounds. When the tailgate makes four short beep sounds again, the switch of pressing way is complete.

#### ⑤ Switch between pressing the unlock button twice/three times

Press and hold the added switch button on tailgate until hearing five beep sounds. When the tailgate makes a long beep sound, the switch of pressing times is complete.

#### ⑥ Braking force increase (Retention force for open)

Press and hold the added switch button on tailgate until hearing six beep sounds. When the tailgate makes two long beep sounds, the braking force increase is complete. (There are five speed settings. Repeat this step once to increase by one setting.)

#### ⑦ Restore to factory settings

Press and hold the added switch button on tailgate until hearing seven beep sounds. When the tailgate makes three long beep sounds, the reset is complete.

### 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.