

AUTO EASE

POWER LIFT GATE

MANUAL



FOR
SUBARU CROSSTREK
2024

This power lift gate kit for Subaru Crosstrek support automatic trunk open/close control by using 1) original remote control 2) dashboard/front button 3) tailgate/rear button 4) Foot sensor – optional











NOTICE

1. Check parts & quantity in the accessories table. Must use the brackets/screws provided by us if not stated
2. Shut down engine before installation. Product must be installed by qualified installers
3. Strut assembly contains high pressure part, self-disassembling the strut is prohibited
4. Make protections on dashboard, plastic trims, and metal surfaces, to prevent scratches during installation
5. Secure all the cables/wires in vehicle to prevent connection getting loose in driving
6. Installation time depends on many factors, usually it will take around 3 hours, please follow manual patiently

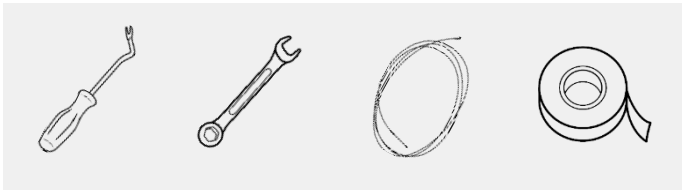
ATTENTION

1. This liftgate kit is designed for standard factory rear door panel, modifications with extra weight may not be supported
2. Bench-test is forbidden, liftgate kit must be installed in vehicle before powered testing
3. Once power struts are installed, manually & gently lift rear door up/down to make sure they can be moved smoothly, and without interference with trunk & door panels
4. Do not insert power plug to control box until whole installation procedures are completed
5. Make sure there is backlight on our rear button once power is connected
6. Initialize system after installation - manually lift tailgate to desired height, keep on pressing our rear button 3 second until a beep is heard, click our rear button to close, when door is fully closed with a beep, it means the system is initialized and ready for use

PART LIST

			
Power Strut x2	Control Box x1	Motorized Latch x1	Power Cable x1
			
Lock Assembly x1	Front Button x1	Rear Button x1	Bracket x4
			
Screw x4	Drill Bit x1		

TOOLS (not included)

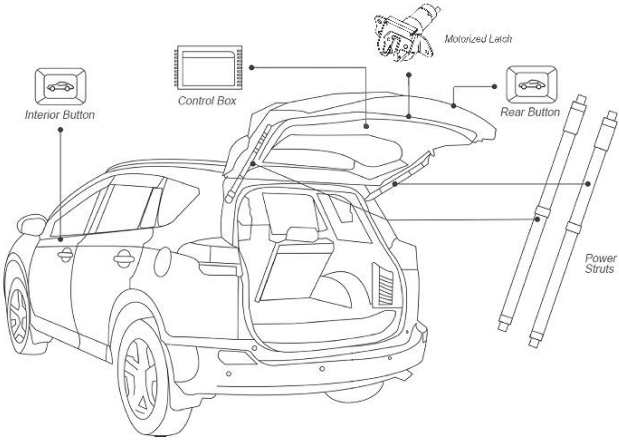


REMARK: pictures on above are for reference only, they may not up to date to show actual parts included. Autoease keep the right to update product appearance & designs without notification.

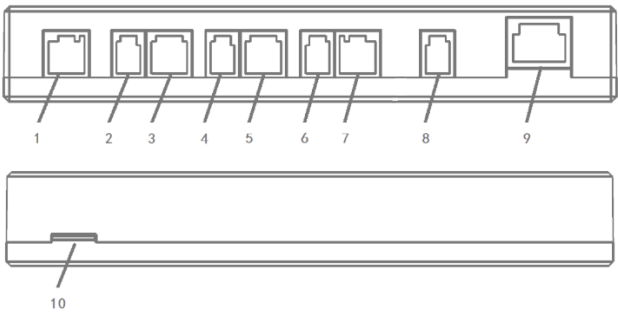
REMARK: the installation steps are based on left hand drive.

REMARK: micro-sd slot in control box is for firmware updating purpose.

SCHEME



CONTROL BOX



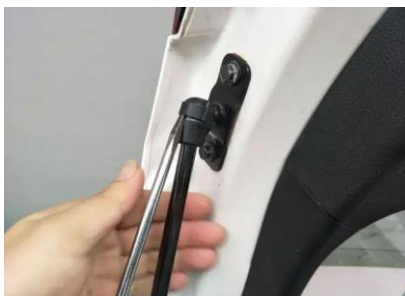
- 1 Power
- 2/3 Left Strut
- 4/5 Right Strut
- 6/7 Motorized Latch
- 8 Front Button & CANbus
- 9 Lock Assembly
- 10 MicroSD Slot

INSTALLATION STEPS

1. Remove original hatch panels with a plastic wrench



Loosen original gas spring clips by using a screw driver, pull the gas spring out gently. You will need an assist to hold the door when removing the gas springs



2. Replace original door brackets to ours, fix with our screws



3. Replace original left car body brackets to ours, fix with our screws

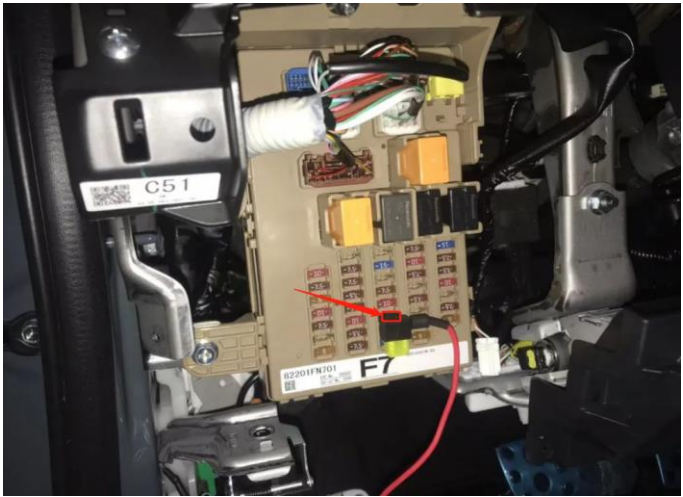


4. Drill a hole in above the stud in the door panel, route strut cable through the hole



5. Locate factory fuse box under driver's dashboard, remove original 20A o 30A fuse, insert our fuse power plug





6. Ground our GND wire to a screw on left side of fuse box



7. This step is for remote control (2x trunk button). Bypass this step and contact Autoease for support if there is no trunk button on the key fob.

Locate original CANbus connector on above kick panel



Disconnect it, reconnect with our CANbus adapter in between



8. Drill a hole to install our front button (picture for reference)



9. Route *power cable *front button cable to rear door, picture for reference only



10. Replace factory door latch to our motorized power latch, fix with original screws



11. Connect original lock connector to our lock assembly



12. Bypass this step if you do not have a foot sensor. Connect our foot sensor green wire to original trunk release switch signal which is a purple wire



13. Insert all plugs to the control box, leave power plug as the last one, you will hear a beep once power connected.



14. Drill a hole in door panel, place control box (ECU) on it, secure with provided screw



15. Install our rear button (picture for reference).



16. Restore rear door panels, installation completed

Initialize system after installation - manually lift tailgate to a desired height, keep on pressing our rear button around 3 seconds until a beep is heard, short click our rear button to

close, when door is fully closed and you hear a beep, it means the system is initialized and ready for use.

FREQUENTLY ASKED QUESTIONS

1. How to operate the liftgate?

There are four methods as below:

- 1) Use original remote – 2x trunk button
- 2) Use our rear button – 1x
- 3) Use our front button – long press
- 4) Use foot sensor – sold separately

2. How to setup tailgate height?

Manually lift door to a desired height, long press our rear button until you hear a beep, done.

3. Why there are two beeps when door closing?

- 1) two beep means anti-pinch, check if anything is preventing strut/door movement
- 2) inspect power supply, include positive 12-16v, negative connects, and fuse box

4. Tailgate cannot be closed to the end and not locked

- 1) slightly adjust latch hook position
- 2) reverse left and right strut plugs in control box
- 3) check control box wiring
- 4) must using our screws in the box
- 5) remove rubber lock buffer block in the latch

5. Tailgate can only open to half of the height

- 1) reverse left and right strut plug in control box
- 2) reset tailgate height

6. Original remote/fob does not work

- 1) check our yellow wire connection to original unlock signal
- 2) check OBD connection if kit has a decoder box
- 3) adjust click rhythm
- 4) check OEM vehicle's system settings about unlock signal

7. Front button can open but not close the gate

- 1) check front button wires connection
- 2) check lock adapter (status) signal
- 3) update firmware