

AUTO EASE

POWER LIFT GATE

MANUAL



For
Jeep Cherokee 2019-22

This power lift gate kit for Jeep Cherokee 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 Struts x2	Control Box x1	Power Striker x1	Power Cable x1
			
Power Striker Cable x1	Lock Adapter x1	Button x2	Bracket x2

TOOLS (not included)

			
Trim Remover x1	Spanner x1	Cable Route Puller x1	Electric Tape x1

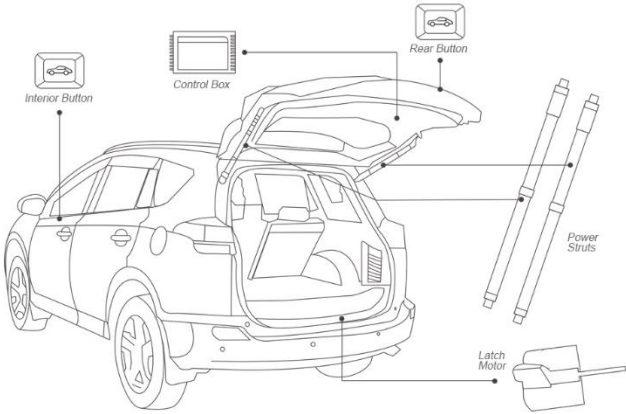
REMARK

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

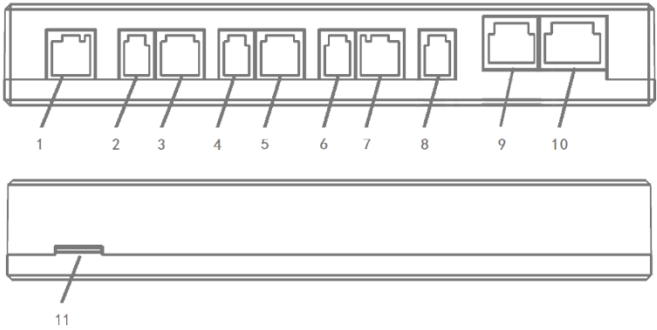
The installation steps are based on left hand drive.

Micro-SD slot in control box is for firmware update purpose.

SCHEME



CONTROL BOX



- 1 Power
- 2/3 Left Strut
- 4/5 Right Strut
- 6/7 Power Striker
- 8 Lock Adapter
- 9 Front Button
- 10 Rear Button
- 11 MicroSD Slot

INSTALLATION STEPS

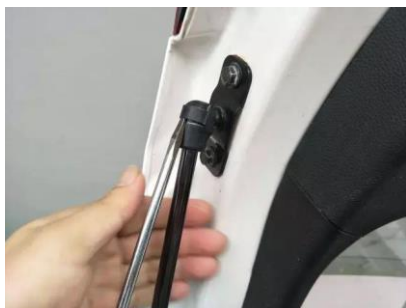
1. Original car views



2. Pry original door panels off per sequence number



Loosen original gas strut clips by using a slotted screwdriver, then pull gas struts out gently. Be aware factory door panel is very heavy, use an assistance to hold the door when removing both gas struts

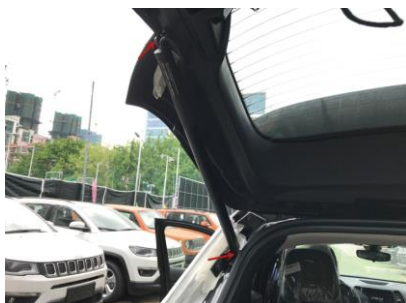




3. Replace original car body brackets to ours, fix with original screws



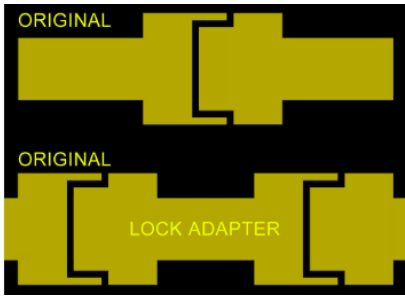
4. Use original door studs to install our power strut, cable at door end



Route strut cable through factory hole in door panel



5. Locate original door latch plugs, disconnect and reconnect with our lock adapter in between



6. Remove trunk panels and rear trims





7. Replace original latch striker to ours for soft close



8. Place our striker motor nearby spare tire, fix it with provided sticker



9. Routing power striker cable to rear door



10. Fix our GND wire to a factory ground screw in the hatch panel tightly. Change to another screw in left side of trunk if you do not get a good power flow. Picture for reference only



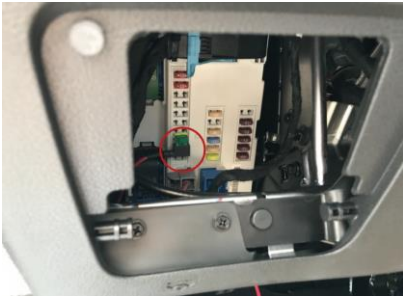
11. Route power cable to dash, route green wire to B pillar



12. Locate original fuse box under driver's dashboard



Remove original 30A fuse, insert it to our power plug, finally insert our fuse power plug back to the original fuse port



13. Drill a hole to install our front button, picture for reference



14. Attention: Bypass this step if your key fob has factory trunk button, you can use that button directly. Otherwise follow this step to use unlock button for remote control.

Locate original side door connector inside B pillar



Connect our green wire to original brown wire for remote control (3x unlock button)



15. Insert all the plugs into the control box (ECU), leave power plug as the last one. You will hear a beep once power is connected



16. Place our control on hatch panel, fix it by using a sticker or strings



17. Drill a hole to install our rear button



18. Restore all panels, installation completed

Initialize system after installation - manually lift rear door to desired height (must be 10mm less than max height), keep on pressing our rear button 3 seconds until a beep is heard, short press our rear button to close door, when the door is fully closed with 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 – Long press trunk or 3x unlock
- 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 striker position i.e., increase/lower height
- 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

ce to close gate, done.