AUTO EASE

POWER LIFT GATE MANUAL



For
HONDA CR-V
2017-22

This power lift gate kit for Honda CRV 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 dashboards, 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 for around 4 seconds 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	Power Latch x1	Power Cable x1
			
Lock Assembly x1	Front Button x1	Rear Button x1	Bracket x2

TOOLS (not included)

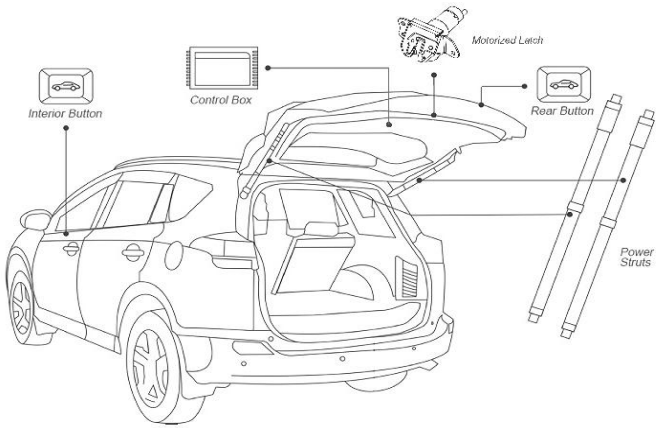
			
Trim Remover x1	Spanner x1	Cable Route Puller x1	Electric Tape x1

REMARK

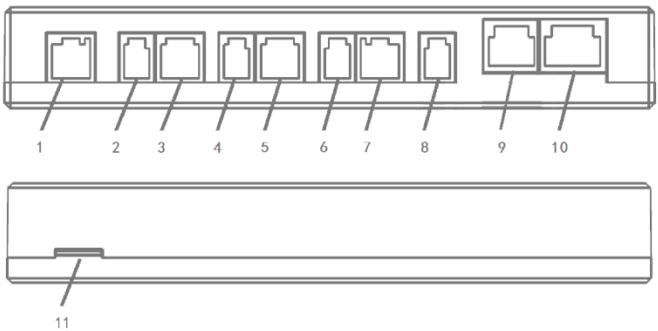
Pictures on above are for reference only, they may not be up to date to show actual parts included. Autoease keep the right to update product appearance & designs without notification

The installation steps are based on left hand drive.

SCHEME



CONTROL BOX



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

INSTALLATION STEPS

Car rear view



1. Pry original tailgate panels off with removal tools, remove handle first



Remove inner hatch trim



Remove side hatch trims



Remove rear hatch trim



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





3. Replace original tailgate latch/lock with ours, fix with original screws



4. Replace original car body brackets to ours, use original screws to fix

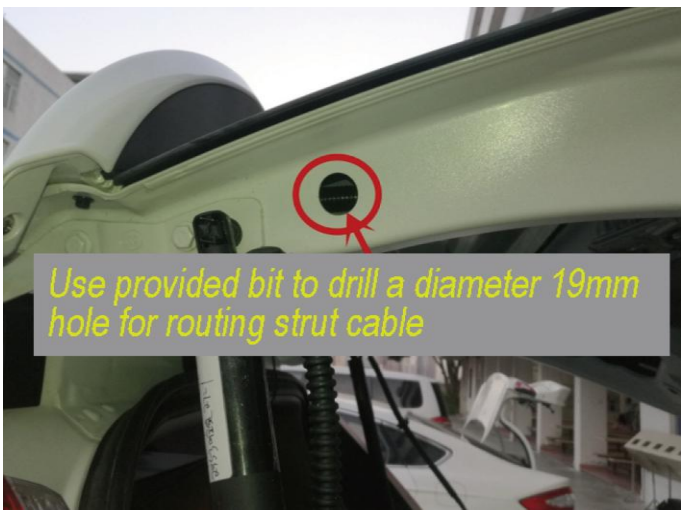




5. Use original tailgate studs to install our power struts, strut cable at this end



Use provided drill bit to drill a hole in door panel for routing strut cable



Route strut cable to control box position





6. Replace factory button holder with our front button



7. Route power cable from driver's dash to tailgate panel

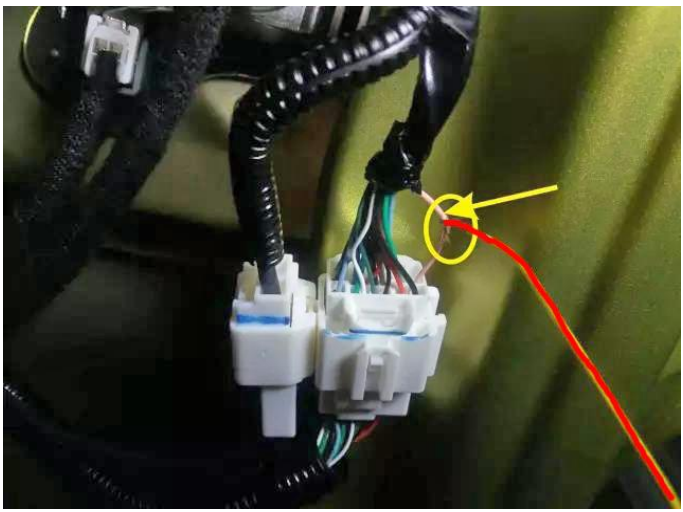


8. Insert original lock plug into our lock harness



9. This step is for foot sensor only, ignore this step if foot sensor is not needed

Connect our foot sensor green wire to original trunk switch signal pink wire per picture as below



10. Locate factory ground screw in rear roof per picture



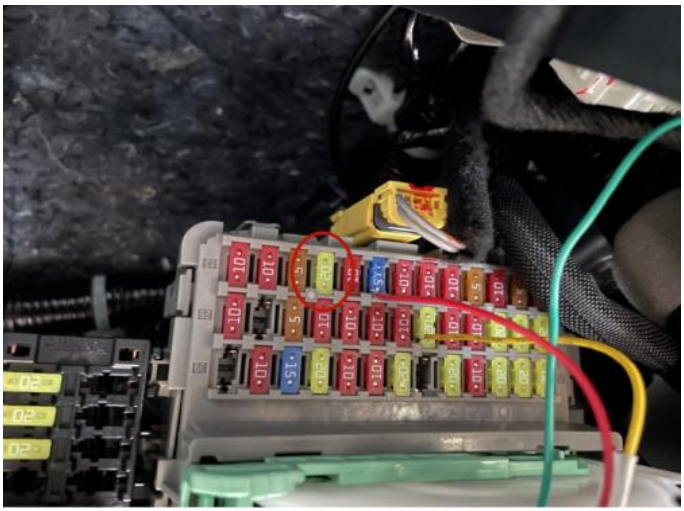
Fix our GND wire to that screw tightly



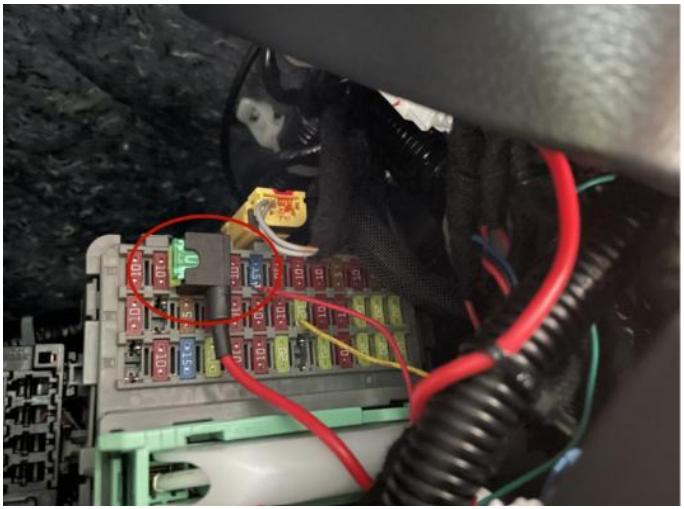
11. Locate original fuse box under driver's dashboard

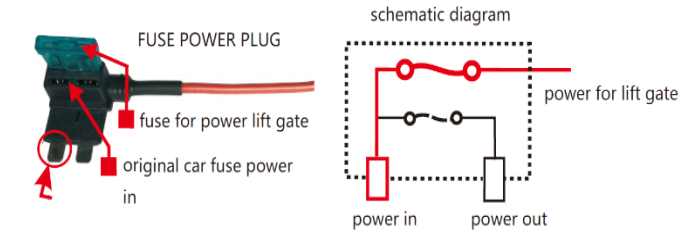


Remove original 20A fuse circled in picture



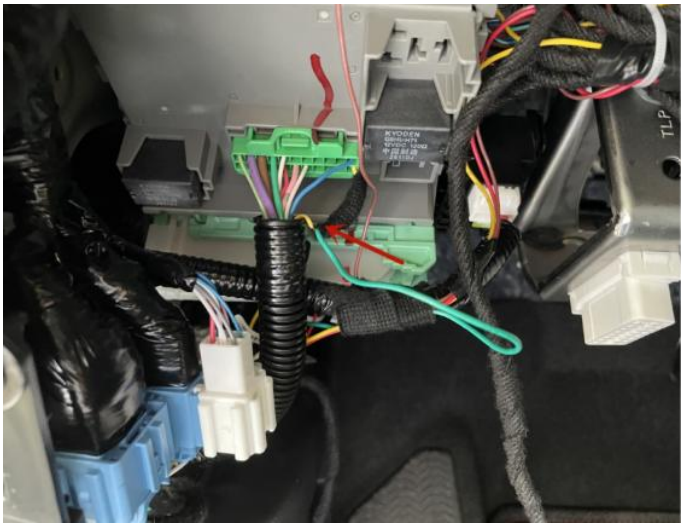
Insert original fuse into our power plug, finally insert our fuse power plug back to the original port





** MAKE SURE THE POWER IN IS A 12V CONSTANT BATTERY POWER

12. This step is for remote control. Locate original green plug nearby fuse box, connect our loose green wire to original yellow wire which is for side door's unlock signal



Alternatively, this signal can be found in pillar B too.

Remove panels on pillar B at driver's side



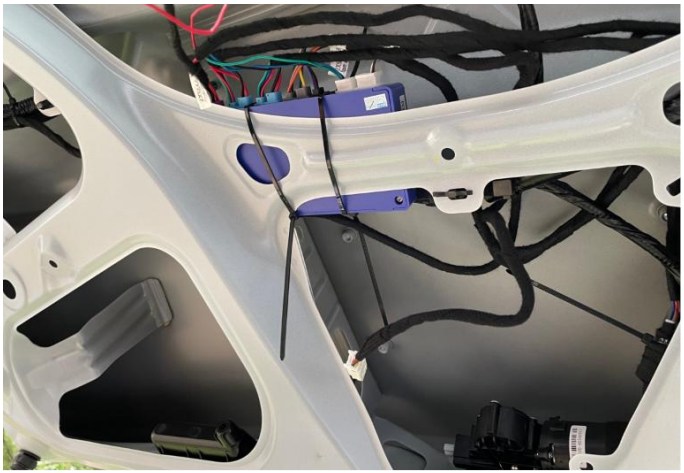
Locate this side door connector in circled in red



Connect our green wire to original white wire per arrow



13. Insert all plugs into the control box, leave power plug as the last one, you will hear a beep once power connected. Place control box on door panel, secure with provided sticker



14. Replace original tailgate handle with our OE style button



15. Restore rear door panels, installation completed

Initialize system after installation - manually lift tailgate to a desired height, keep on pressing our rear button for 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 – 3x unlock
2) Use our rear button – short press
3) Use our front button – long press
4) Use foot sensor – Sold separately

2. How to set up tailgate height?

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

3. Why are there two beeps when door closes?

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