

AUTO EASE

POWER LIFTGATE MANUAL



For
Honda HRV/Vezel

This power lift gate kit for Honda HRV 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 | Power Latch x1 | Power Cable x1 |
|  |  |  |  |
| Lock Assembly x1 | Front Button x1 | Rear Button x1 | Ball Stud x2 Washer x4 |

TOOLS (not included)

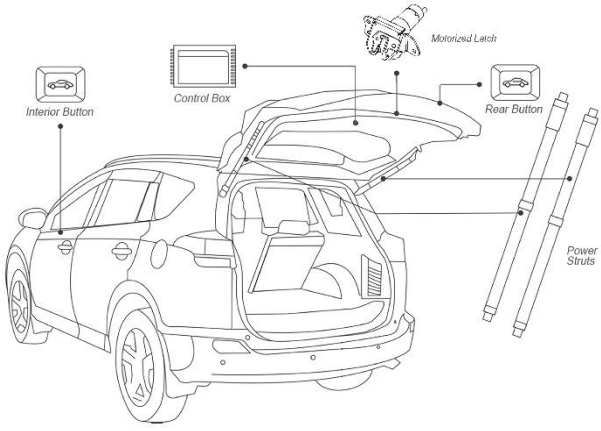
| | | | |
|---|---|---|---|
|  |  |  |  |
| Trim Remover x1 | Spanner x1 | Cable Route Puller x1 | Electric Tape x1 |

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.

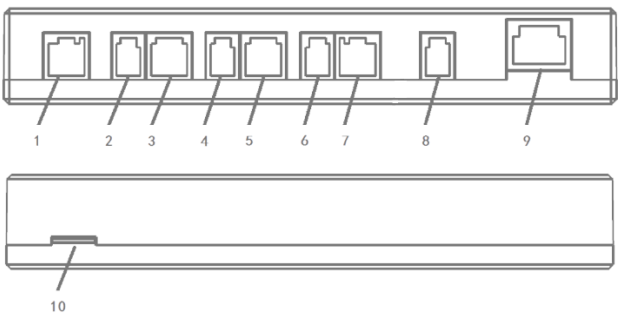
REMARK: the installation steps are based on left hand drive.

REMARK: 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 Latch
- 8 Front Button
- 9 Lock Assembly
- 10 MicroSD Slot

INSTALLATION STEPS

1. Pry original door panels off by using removal tools



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

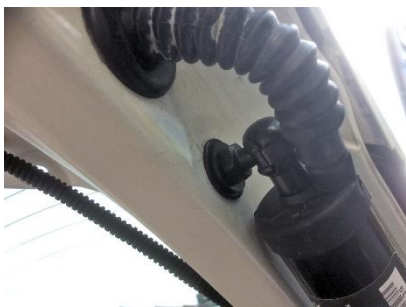


2. Loosen original gas spring clips by using a screw driver, pull the gas spring out gently. You will need an assist to hold the door when removing the gas springs





3. Replace original door stud & washer to ours



Use original trunk stud to install our power strut, note add our washer under stud to adjust space





4. Install our power struts. Note the strut cable at door end.



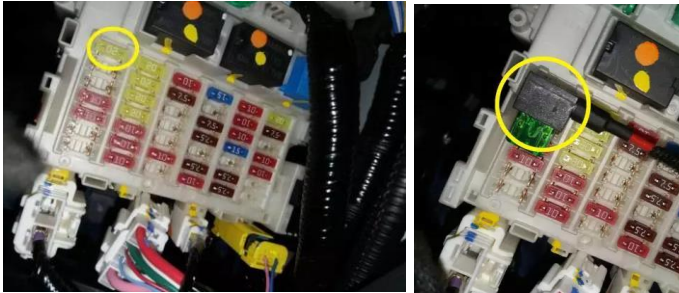
Drill a hole in the door for routing cable.



Route strut cables as this picture



5. Locate fuse box under dashboard (left dash if left hand drive, right dash if right hand drive). Remove original 20A fuse, insert our fuse power plug.

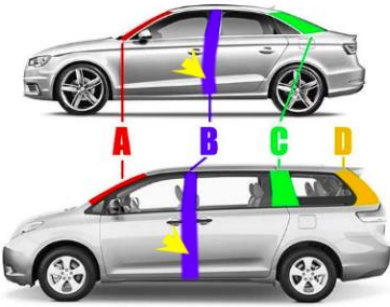


Locate a screw close to fuse box, ground our GND wire to it tightly



6. Locate original side door connector in B pillar at driver's side, connect our yellow wire to original unlock signal for remote control, B pillar at left if car is left hand drive, at right side if car is right hand drive





Connect our yellow control wire to the car unlock wire for remote control signal.

It is a yellow wire if it is a left hand drive car



It's a purple wire if it is a right hand drive car



7. Remove original factory button holder in dashboard, install our front button



8. Route * power cable * unlock wire * front button wire to rear door (control box). Picture for reference only

Left hand drive -



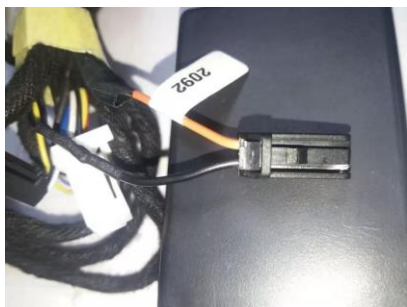
Right hand drive -



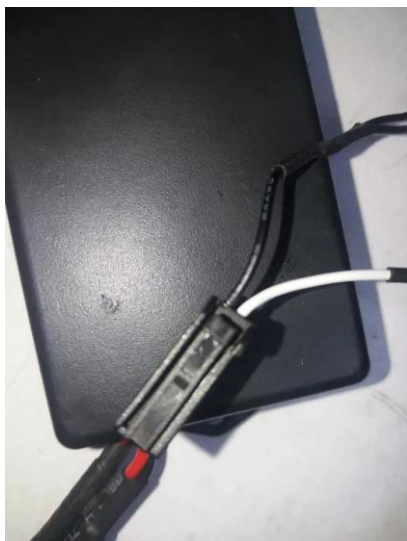
9. Replace original tailgate latch/lock to ours, fix with original screws



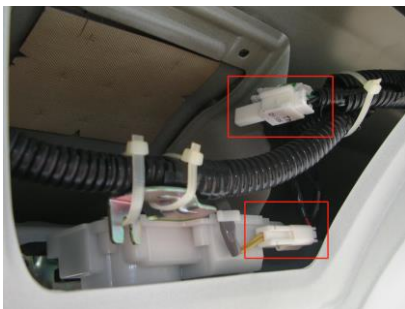
10. Connect our lock harnesses to original lock plugs. Note there are two plugs, one for lock control signal, one for lock status signal



Lock control



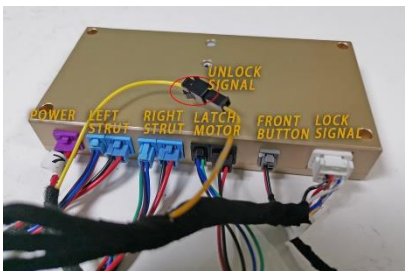
Lock status



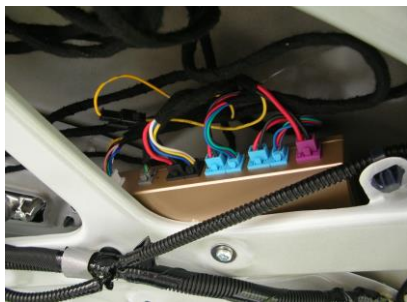
11. Replace original tailgate handle to our rear button



12. Insert all the plugs into control box (ECU), leave power cable as the last one



13. Put control box on tailgate panel, fix with provided screw as per picture



14. 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 – 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 hook position
 - 2) reverse left and right strut plugs in control box
 - 3) check control box wiring
 - 4) must use 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