

# AUTO EASE

## POWER LIFT GATE

MANUAL



FOR  
HYUNDAI KONA

This power lift gate kit for Hyundai Kona support automatic trunk open/close control by using 1) remote keyfob 2) dashboard button 3) gate 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 poles is prohibited.
4. Make protections of the car dash board, plastic and metal surface, in case scratches during installation.
5. Secure all the cables/wires in the car in case loose contact while driving.
6. The installation will take 2-3 hours, please follow the manual patiently.

## ATTENTION:

- i. The liftgate is designed for standard factory tailgate
- ii. Bench-test is forbidden, the lift gate must be installed in car and test directly
- iii. Do not insert power plug to ECU control box until all the installation procedure is completed
- iv. Keep tailgate open when installation is completed, make sure latch modular is released
- v. Initialize system after installation - manually lift tailgate to a proper height, keep pressing our rear button until hear a beep, then click our rear button to close, when tailgate is fully closed and you hear a beep, it means the system is initialized and ready for use

## PART LIST

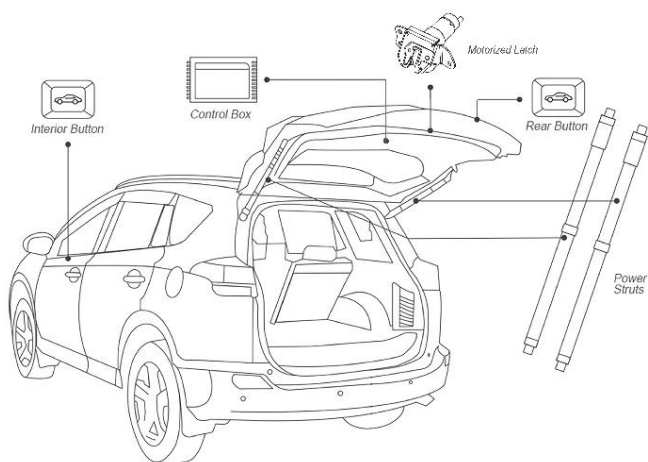
|                                                                                     |                                                                                     |                                                                                    |                                                                                    |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|    |    |   |   |
| Power<br>Strut<br>x2                                                                | Control<br>Box<br>x1                                                                | Motorized<br>Latch<br>x1                                                           | Power<br>Cable<br>x1                                                               |
|    |    |   |   |
| Lock<br>Assembly<br>x1                                                              | Front<br>Button<br>x1                                                               | Rear<br>Button<br>x1                                                               | Latch<br>Buckle<br>x1                                                              |
|   |   |  |  |
| Bracket<br>Support<br>x1                                                            | Bracket<br>Ball Stud<br>x1                                                          | Screw & Nut<br>M8x20<br>x2                                                         | Screw<br>M4x10<br>x6                                                               |
|  |  |                                                                                    |                                                                                    |
| Ball<br>Stud<br>x2                                                                  | Washer<br>x2                                                                        |                                                                                    |                                                                                    |

## TOOLS (not included)

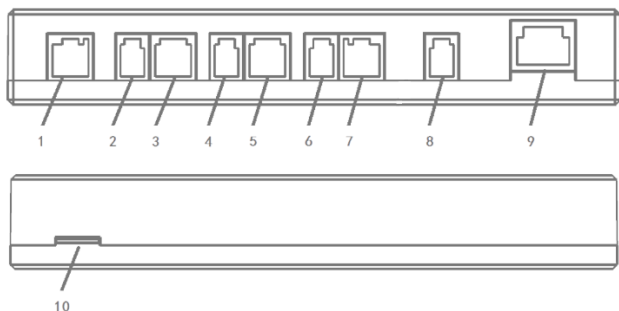
|                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| Trim<br>Remover<br>x1                                                             | Spanner<br>x1                                                                     | Cable Route<br>Puller<br>x1                                                       | Electric<br>Tape<br>x1                                                            |

REMARK: Pictures for reference only, they may look different or not reflect actual product while products being updated time to time. Autoease keep the right to update appearance & design without notifications.

## SCHEME



## CONTROL BOX



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

## INSTALLATION STEPS

1. Remove original rear door panels with a plastic wrench



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



3. Replace original tailgate ball stud & washer to ours



Original car body bracket is welded on the car, it cannot afford our power strut force thus we provided extra brackets to reinforce it per the following steps





Attach our bracket support to original car body bracket,  
secure with our M8 screw & nut (x1)



Attach our bracket ball stud to our bracket support, secure  
with our M4 screw (x3)



4. Install our power struts, cable at car body end. MUST INSTALL TO THE BALL STUD FROM OUR BRACKET, NOT ORIGINAL BRACKET



5. Route the strut cable through factory reserved hole.



Routing strut cable to the lock position (where we place control box)



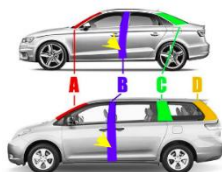
6. Locate original fuse box under driver's dash board, unplug one of the original fuse(20A-30A) and insert our power plug



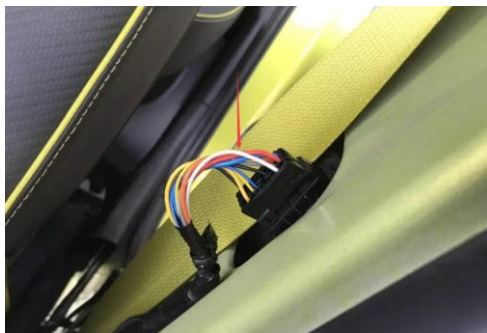
7. Ground our black GND wire to a screw in rear door panel



8. Remove panels on B pillar at driver's side



9. Connect our yellow wire to the original white wire (unlock signal) for remote control (3x click, or 6x if the car's setting is double click to unlock door)



10. Install our front button in driver's dashboard (picture for reference), please refer to step 14 for front button wires connection



11. Route \*power cable \*front button cable \*unlock wire to rear door (control box)



12. Replace original latch to our motorized latch for soft close, use original screw to fix it. Tip: you can take our latch side brackets off and reinstalling them once motor go through the original latch hole



13. Remove trunk panel & rear trim panels



Replace original latch buckle to ours, secure with original screws



Place our latch buckle cover on it



14. Connect our lock harness into original lock connector



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



Put the control box in rear door panel, secure with provided screw



16. Install our rear button (picture for reference)



#### 17. 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 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 plugs 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