

AUTO EASE

POWER LIFT GATE

MANUAL



FOR
HYUNDAI TUCSON

This power lift gate kit for Hyundai Tucson 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 of dashboard, plastic trims and metal surface, in case scratches during installation
5. Secure all the cables/wires in the car to prevent connection getting loose in driving
6. The installation time depends, usually will take around 3 hours, please follow the manual patiently.





ATTENTION:

- i. The liftgate is designed for standard factory tailgate
- ii. Bench-test is forbidden, kit must be installed in car and test directly
- iii. Do not insert power plug to control box until whole installation procedures are completed
- iv. Keep tailgate open when installation is completed, make sure latch modular is released
- v. Initialize system after installation - manually lift tailgate to desired height, keep on pressing our rear button until a beep is heard, short 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

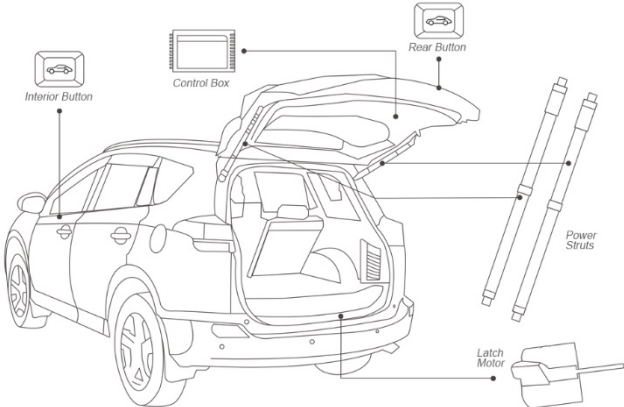
			
Power Strut x2	Control Box x1	Power Cable x1	Latch Cable x1
			
Lock Adapter x1	Latch Motor x1	Front Button x1	Rear Button x1
			
Bracket x2	Screw Φ6x20 x4		

TOOLS (not included)

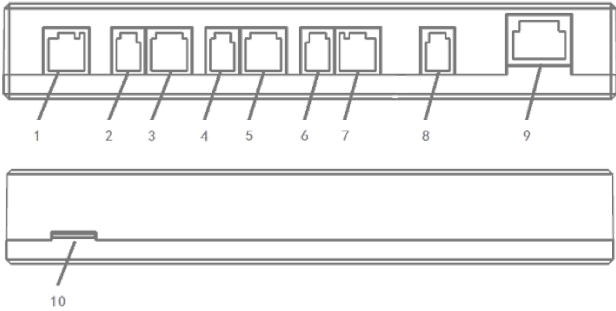
			
Trim Remover x1	Spanner x1	Cable Route Puller x1	Electric Tape x1

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



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. Use original door studs to install our left power strut



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



4. Install power strut, cable end on car body, route strut cable through factory reserved hole.



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



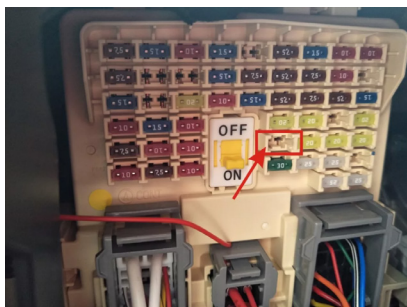
5. Pry dash board panel under steering wheel with plastic wrench



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



Locate original fuse as the picture and remove it, insert our fuse adapter for power.



7. Drill a hole to install our front button



8. Connect our yellow wire to original unlock signal for remote control (3x click unlock button)

First remove side panels on B pillar



Locate side door wire set, connect our yellow wire to the original blue wire (unlock signal) for remote control (3x click). Note there are two versions of connector, please refer to pictures as below, choose one that matches your car.



9. Route *power cable *dash button cable *OBD cable to rear door (control box)



10. Remove original trunk panels



Remove rear trunk trim



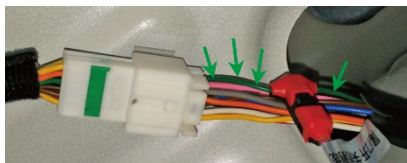
Replace original latch hook to ours for soft close, use original screw to secure it



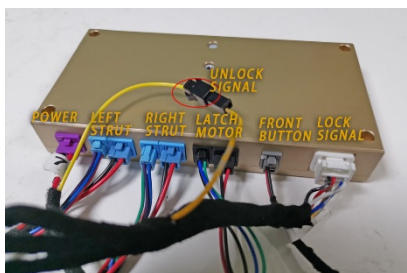
11. Disconnect original lock connector behind original hatch door latch, connect our lock adapter in between the latch and factory connector



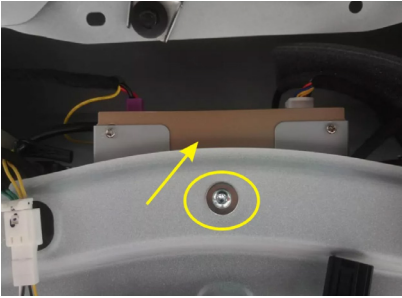
12. Bypass this step if you do not have foot sensor. Connect our foot sensor green wire to OEM switch signal which is also a green wire in rear door panel



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



14. Place control box on hatch panel, secure with provided screw



15. Install our rear button



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 – 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