

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 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

			
Pole x2	Control Box x1	Motorized Latch x1	Power Cable x1
			
Lock Assembly x1	Front Button x1	Rear Button x1	Bracket x2

TOOLS (not included)

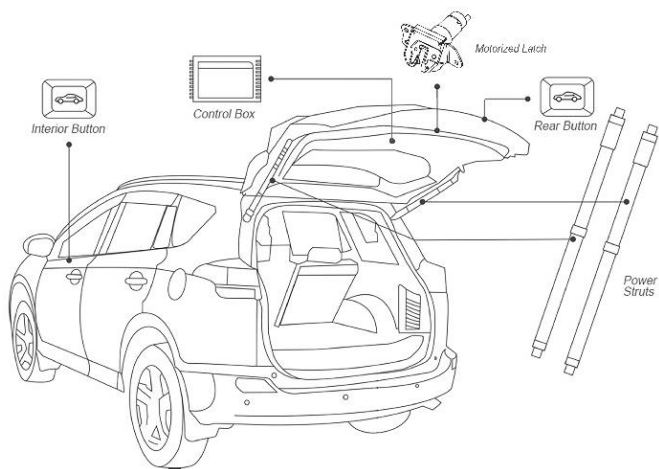
			
Trim Remover x1	Spanner x1	Cable Route Puller x1	Electric Tape x1

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

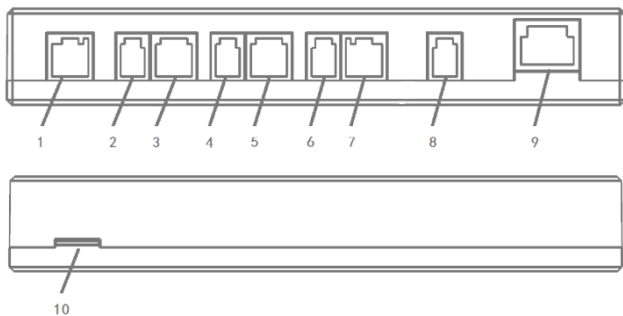
REMARK: the installation steps are based on left hand drive

REMARK: micro-sd slot in control box is for firmware updating purpose

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. Pry original door panels off with a removal tool



2. 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. Use original door bracket to install power strut





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



5. Install power strut, cable at car body end, route strut cable through factory reserved hole



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



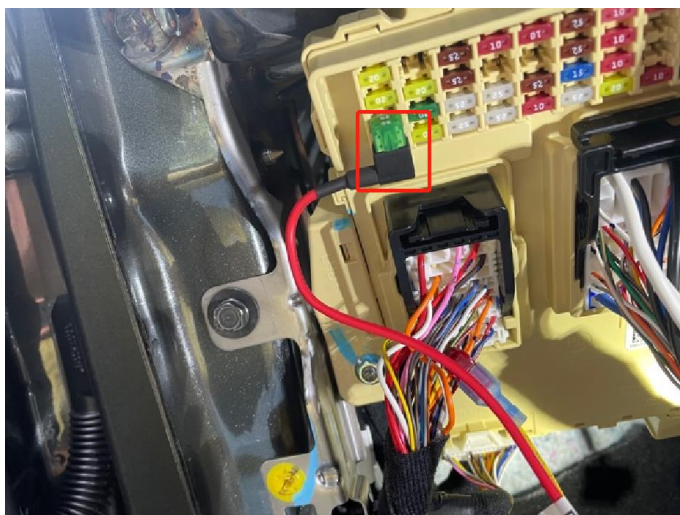
6. Pry the dashboard panels off to locate factory fuse box



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



8. Remove original fuse per picture, insert our fuse adapter for power

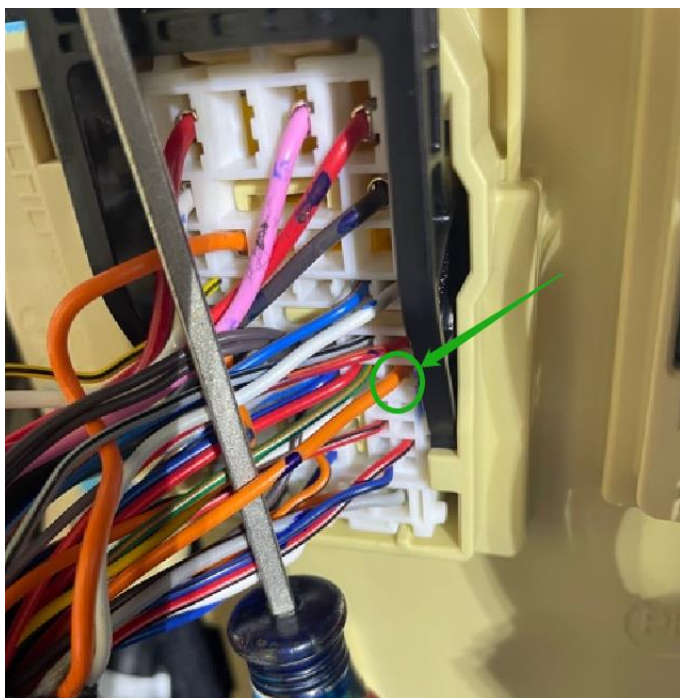


9. Install our front button, picture for reference only. Loose short yellow wire is for button's backlight power, black is GND

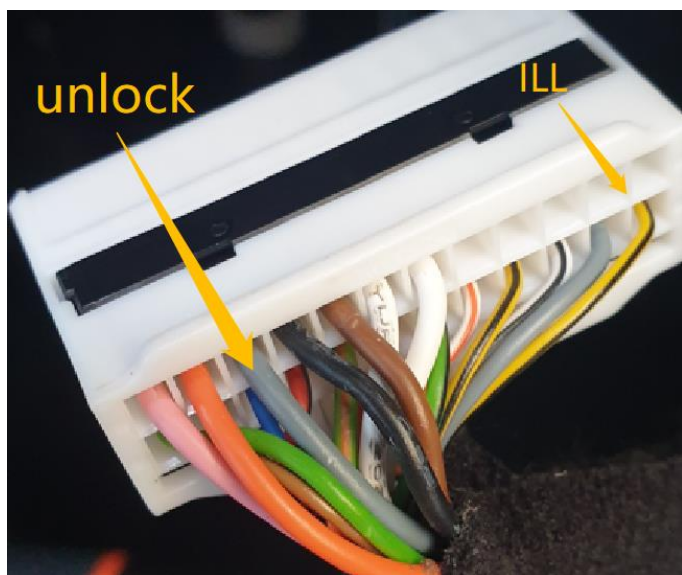


10. Connect our yellow unlock wire to original unlock signal, then you can use remote control by pressing 3x click unlock button.

Option one (for US/Canada market) - Locate original unlock signal in A pillar in the 58 pin plug in the bottom left corner of fuse box, which is an orange wire



Option two (for UK/Ireland market) - locate original unlock signal in A pillar in the 24pin housing in the bottom left corner of fuse box



Alternatively, you can also locate this signal in B pillar. Remove side panels on B pillar



Locate side door wire set, connect our yellow wire to the original GREEN wire (unlock signal) for remote control (3x click)



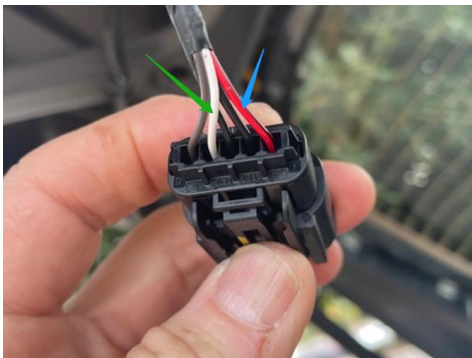
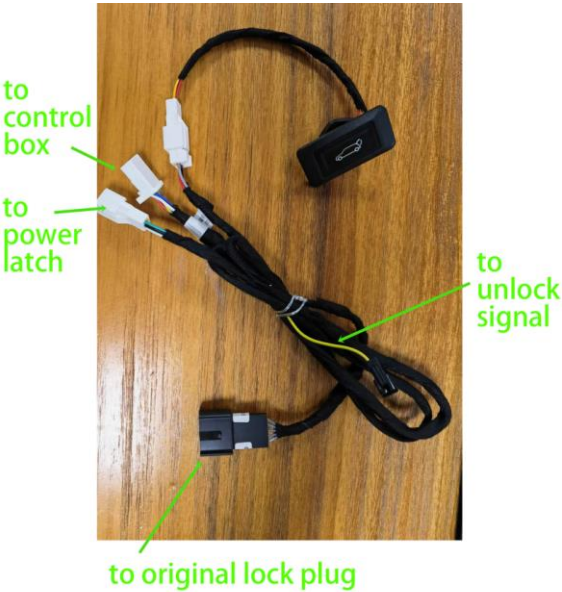
11. Route *power cable *front button cable to rear door (control box)



12. Replace original door latch to our motorized latch, use original screw to fix it



13. Insert our lock harness to original lock plug



14. Insert all the plugs into control box (ECU), leave power cable as the last one, short press our rear button to activate system if you do not see backlight on it



15. Place our control box inside rear door panel, fix it with provided screw



16. Install our rear button



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 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