

AUTO EASE

POWER LIFTGATE MANUAL



For
VW Tiguan 2017-23

This power lift gate kit for VW Tiguan 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

			
Control Box x1	Power Cable x1	Power Striker Cable x1	Lock Adapter x1
			
Power Strut x2	Power Striker x1	Front Button x1	Rear Button x1
			
Bracket x2	Screws x4	Ball Stud x2	Washer x2

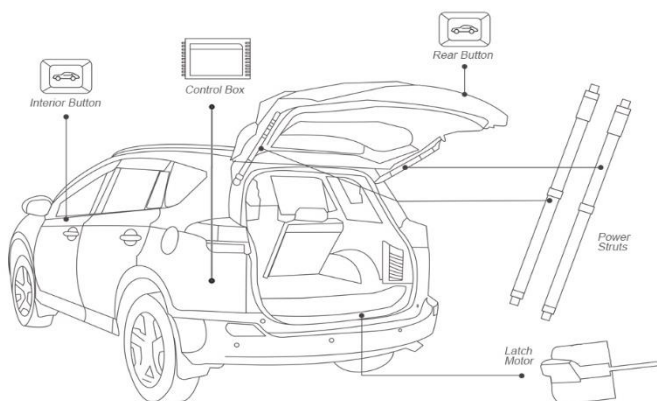
TOOLS (not included)

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

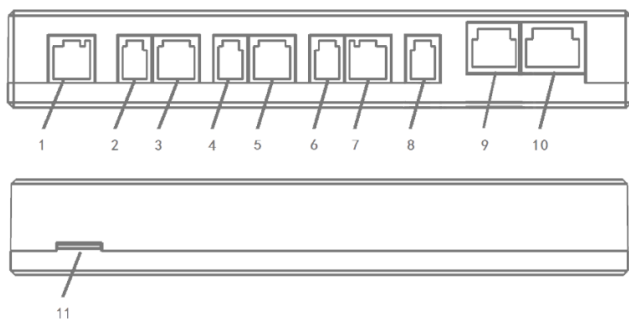
REMARK: pictures on above are for reference only, they may not up to date to show actual parts included. Autoease keep the right to update product appearance & designs without notification.

REMARK: the installation steps are based on left hand drive

SCHEME



CONTROL BOX



- | | |
|-----|---------------|
| 1 | Power |
| 2/3 | Left Strut |
| 4/5 | Right Strut |
| 6/7 | Power Striker |
| 8 | Lock Adapter |
| 9 | Front Button |
| 10 | Rear Button |
| 11 | MicroSD Slot |

INSTALLATION STEPS

1. Pry original door panels off by using removal tools



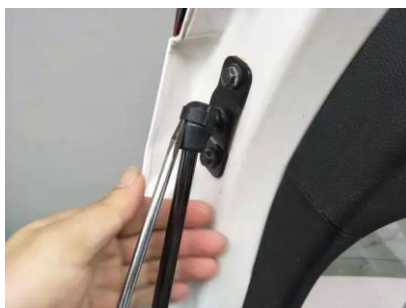
2. Remove left and rear trunk panels



3. Remove dash panels and step panels on driver side



4. 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



5. Replace original body brackets to ours, fix with our screws. Please aware the orientation



Original



Autoease

6. Replace original door stud & washer to ours



7. Install our power struts, cable end at trunk body



* Double check if strut ball joint is pushed into ball stud tightly, make sure ball joint clip is flush on surface.

* Manually & gently lift rear door up/down to make sure it can be moved smoothly, and without interference with trunk & door panels.

* Do NOT operate manually when power is connected

8. Routing strut cable through factory reserved hole. Use one of the two options to match your vehicle.

Option 1 – hole in door panel



Option 2 – hole in trunk



9. Replace original latch striker to ours, fix with original screws.
Place striker motor to left side of trunk, fix with provided sticker or strings



10. Route power cable from left side of trunk to driver's dash, route rear button and lock adapter cable from door panel to left side of trunk. Picture for reference only



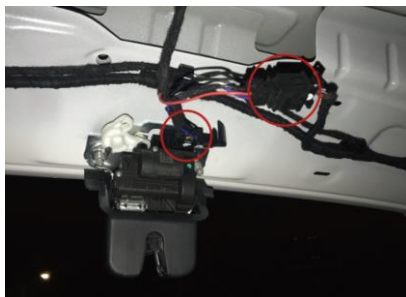
11. Ground our GND wire to a screw in left side of trunk per picture



12. Disconnect original door latch connector, re-connect with our lock adapter in between



Original lock connector



Autoease lock adapter

13. Remove original air conditioning control panel



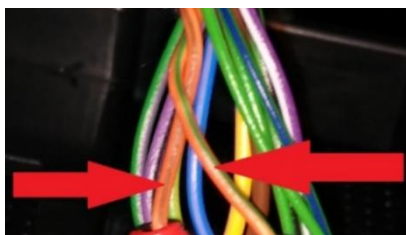
Remove the clips per arrows



Locate original a/c connector



Connect our CAN-H to original ORANGE/GREEN, connect our CAN-L to original ORANGE/BROWN



14. Locate original fuse box under driver's dashboard. Remove original 30A fuse, insert it to our power plug, finally insert our fuse power plug back to the original socket



15. Insert all plugs to our control box, leave power cable as the last one, you will hear a beep once power connected. Fix control box in left side of trunk per picture



16. Install our rear button



17. Drill a hole to install our front button



18. Restore rear door panels, installation completed

Initialize system after installation - manually lift rear door to desired height (must be 10mm less than max height), keep on pressing our rear button 3 seconds until a beep is heard, short press our rear button to close door, when the door is fully closed with a beep, it means the system is initialized and ready for use

FREQUENTLY ASKED QUESTIONS

1. How to operate liftgate kit

A. There are four methods as below:

- 1) Use original remote – Long press trunk button
- 2) Use our front/interior button – Long press
- 3) Use our rear/tailgate button – 1x click
- 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