

AUTO EASE

POWER LIFTGATE MANUAL



FOR
Range Rover Sport

This power lift gate kit for Range Rover Sport 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.




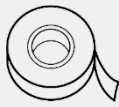
ATTENTION:

- 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 the all 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

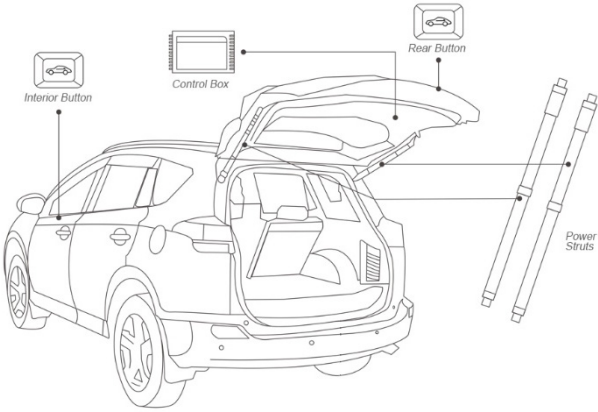
			
Power Strut x2	Control Box x1	Power Cable x1	Lock Adapter x1
			
Front Button x1	Rear Button x1	Ball Stud x4	Washer x4

TOOLS (not included)

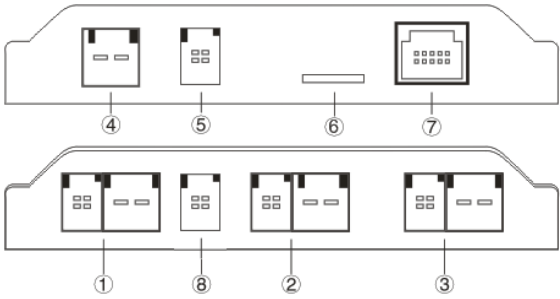
			
Trim Remover x1	Spanner x1	Cable Route Puller x1	Electric Tape x1

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 Left Strut
- ② N/A
- ③ Right Strut
- ④ Power
- ⑤ Front Button
- ⑥ MicroSD Slot
- ⑦ Rear Button
- ⑧ Lock Wires

INSTALLATION STEPS

1. Car front view



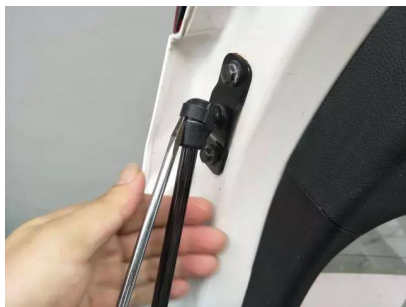
Car rear view



Remove original hatch panels with a plastic wrench



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



2. Replace original door studs to ours, add our washer under the stud



Replace original car body stud to ours, add our washer under the stud



3. Install our power struts, cable at door end



Drill a hole to route strut cable



Route strut cable to control box position



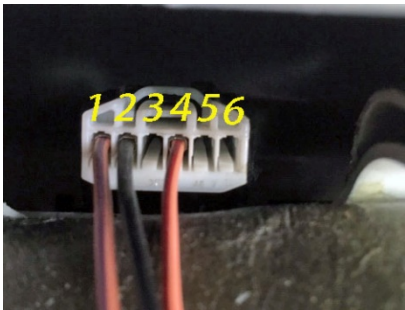
4. Route power cable to the front trunk, connect it to battery 12v for power supply, alternatively you can locate factory fuse box, replace factory 30A fuse with our fuse power plug



Ground our GND to a screw on hatch door panel (picture for reference). Make sure that screw has no paint on surface for good conductivity



5. Locate lock connector behind original latch, connect our red wire to pin 1, ignore our blue wire



6. Put our control box on hatch panel, secure with provided 3M tape, insert all plugs into control box. Leave power plug as the last one, you will hear a beep once power provided



7. Install our front and rear button, restore panels. Installation completed



FREQUENTLY ASKED QUESTIONS

1. How to operate the liftgate

There are four methods as below:

- 1) Use original remote – Long press TRUNK button



- 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