

AUTO EASE

POWER LIFT GATE

MANUAL



For
Nissan Qashqai
J11

This power lift gate kit for Nissan Qashqai 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 4 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

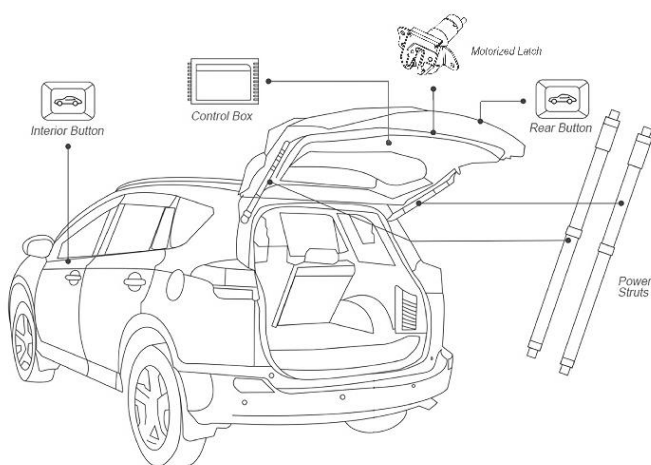
PART LIST

			
Power Strut x2	Control Box x1	Power Latch x1	Power Cable x1
			
Lock Assembly x1	CANbus Cable x1	Front Button x1	Rear Button x1
			
Door Bracket x2	Thread Washer x2	Ball Stud x2	Washer x2
			
Screw PM8x20 x4	Screw KM6x20 x2	Nut KM8 x2	Drill Bit x1

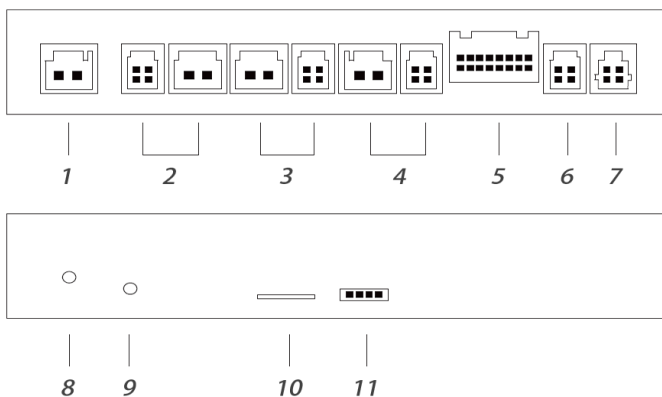
TOOLS (not included)

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

SCHEME



CONTROL BOX



- | | |
|----|----------------------|
| 1 | Power |
| 2 | Left Strut |
| 3 | Right Strut |
| 4 | Power Latch |
| 5 | Lock Assembly |
| 6 | CANbus/Unlock Signal |
| 7 | N/A |
| 8 | LED Indicator |
| 9 | RESET |
| 10 | MicroSD Slot |
| 11 | N/A |

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.

REMARK: ignore purple wire and dash button plug

INSTALLATION STEPS

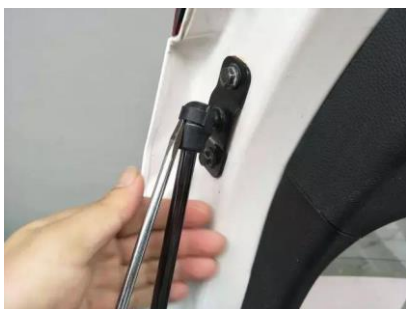
1. Vehicle rear view



2. Remove original rear door panels with a plastic wrench



3. Loosen original gas spring clips by using a slotted screwdriver, then pull gas struts out gently. Be aware factory door panel is very heavy, use some assistance to hold the door when removing gas struts



Remove original rubber door stop buffer block on both sides



4. Replace original trunk stud & washer to ours



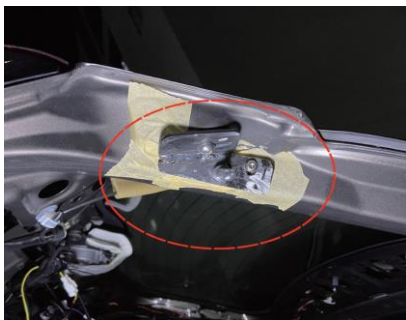
5. Remove original door stud and rubber buffer block



Pass threaded washer through inner tailgate panel to door stopper hole position per picture



Fix our door bracket with 2x KM6 screw and 2x PM8 screw



6. Install power strut. Strut cable end at door end

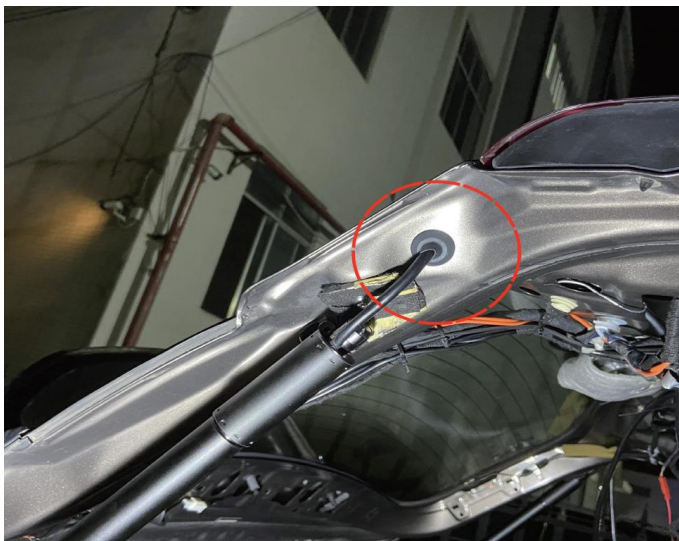


* Double check if strut ball joint is pushed into ball stud tightly, make sure ball joint clip is flush on surface.

* 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

7. Drill holes in door panel to route strut cable



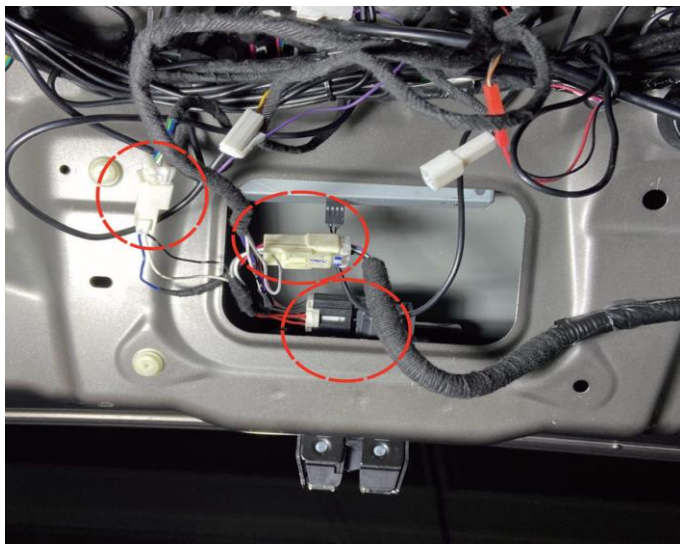
8. Replace original tailgate latch/lock to ours, fix with our PM8 screws and nuts



9. Fix our GND wire to a screw in door panel tightly



10. Connect original lock connector to our lock harness



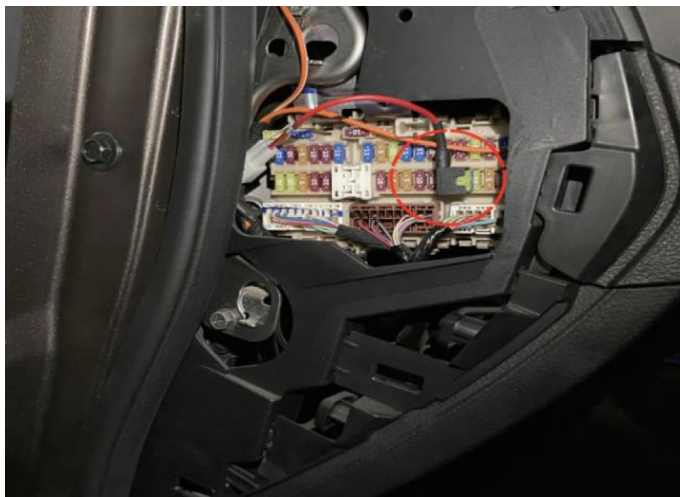
11. Route power cable/front button cable/CANbus cable to driver's dash, picture for reference only



12. Remove dash panels per arrow (LHD)



Locate fuse box on left side of das. Remove original 20A fuse, insert it to our power plug, finally insert our fuse power plug back to the original socket

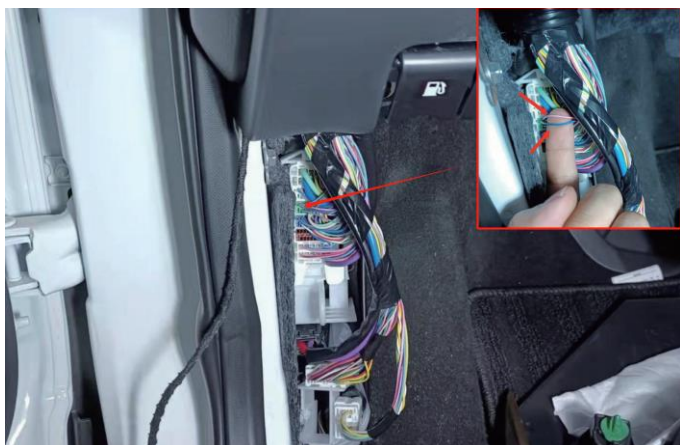


13. This step is for remote control, use one of the option depends on vehicle/keyfob variants

Option 1 – for 2016-20 Qashqai, locate original OBD plug above kick panel, insert our adapter, use key fob trunk switch for remote control (long press trunk switch)



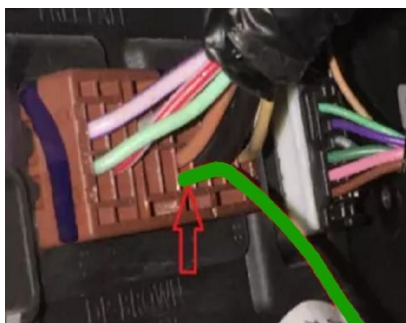
Option 2 – for 2021-23 Qashqai, locate original CAN wires in left side of kick panel, connect our CAN-L to original pink wire, connect our CAN-H to original blue, use key fob trunk switch for remote control (long press trunk switch)



Option 3 – this is universal solution Locate a brown connector above kick panel



Connect our yellow wire to original brown wire for remote control (3x unlock)



14. Replace original dash button holder to our front button



15. Insert all plugs to the control box, leave power plug as the last one, fix control box on tailgate panel with provided sticker or strings



16. Drill a hole to install our rear button



17. 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 the liftgate?

There are four methods as below:

- 1) Use original remote – 3x unlock or long press trunk switch
- 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