

AUTO EASE

POWER LIFT GATE

MANUAL



For
Mazda CX-5
2017-24

This power lift gate kit for Mazda CX-5 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

			
Power Strut x2	Control Box x1	Power Striker x1	Power Cable x1
			
Power Striker Cable x1	Lock Adapter x1	Button x2	Ball Stud & Washer x2

TOOLS (not included)

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

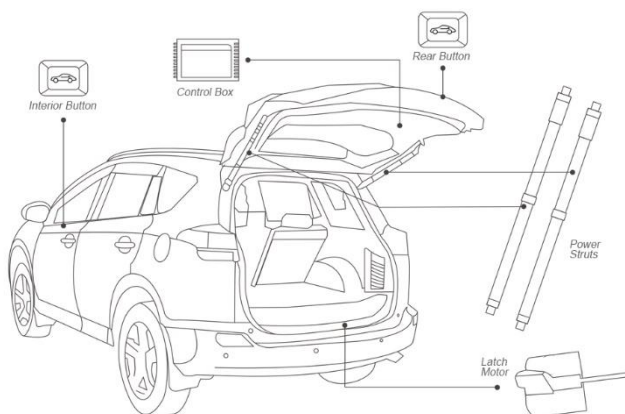
REMARK

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

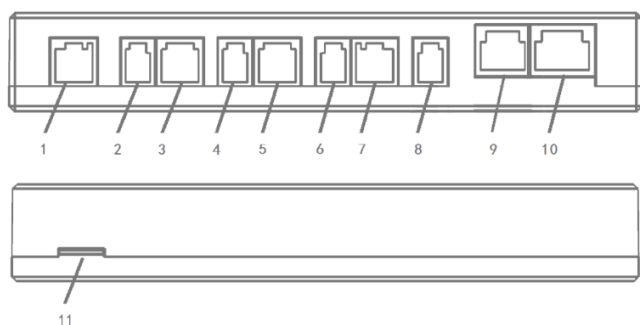
The installation steps are based on left hand drive.

Micro-SD slot in control box is for firmware update purpose.

SCHEME



CONTROL BOX



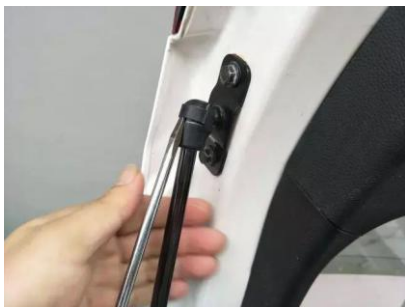
- 1 Power
- 2/3 Left Strut
- 4/5 Right Strut
- 6/7 Power Striker
- 8 Lock Adapter
- 9 Front Button
- 10 Rear Button
- 11 MicroSD Slot

INSTALLATION STEPS

1. Remove original hatch panels with a plastic wrench



2. 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



3. Use original car body bracket to install our power strut, cable at this end



4. Replace original door ball stud & washer to ours, install our power strut



Power struts installed



5. Routing strut cable through factory reserved hole



6. Route strut cable to control box position per picture



7. Remove original trunk panels



Replace original latch/lock striker to ours for soft close, fix it with original screws



Place striker motor nearby spare tire



Note you may need to grind original latch striker slot slightly so it can move backward and forward without interference



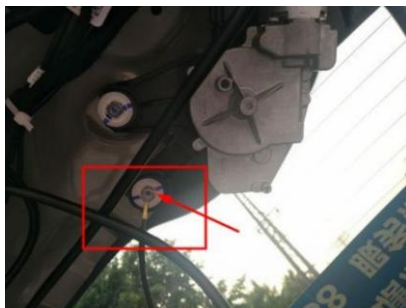
8. Route *power cable from driver's dash to tailgate panel



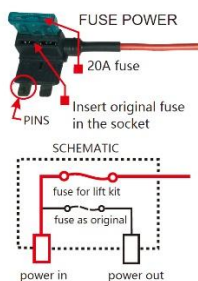
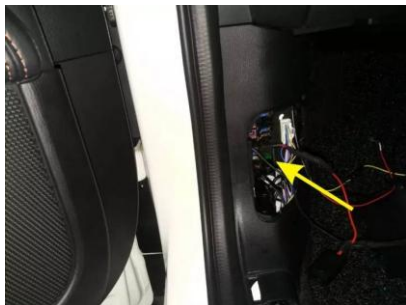
Route *power striker cable from left side of trunk to tailgate panel



9. Fix our GND wire to a factory ground screw in rear door panel or in left side of trunk or tailgate panel



10. Locate original fuse box in driver's dashboard, remove original 20A fuse, insert that fuse to our fuse power plug, finally insert our power plug to original fuse port



11. Drill a hole to install our front button



12. Remove panels on B pillar



Locate side door cable set, connect our green wire to original blue wire for remote control signal (3x click unlock button)

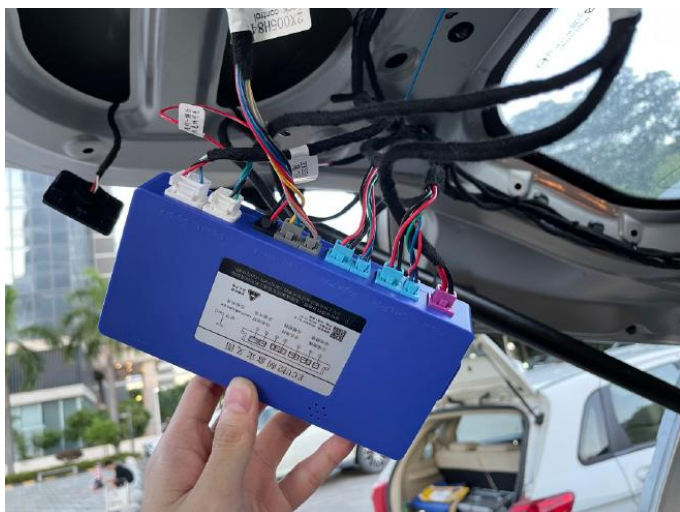


If the car in your country wire harness connector does not look the same as our picture, you can use the video method to locate the original unlock wire. That wire has a positive voltage pulse when you click unlock button, in the video you can see there is a light flash. <https://youtu.be/B0GiliVGfgU>

13. Remove original lock plug, re-connect with our lock adapter in between



14. Insert all plugs to the control box, leave power plug as the last one, you will hear a beep once power connected



Fix our control box on tailgate panel with sticker or strings tightly



15. Install our rear button



16. 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 button
- 2) Use our rear button – short press
- 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 striker position i.e., increase/lower height
- 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