

# AUTO EASE

## POWER LIFT GATE

MANUAL



For  
Mazda MX-30  
2021-24

This power lift gate kit for Mazda MX-30 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 Latch x1	Power Cable x1
			
Lock Assembly x1	Rear Button Cable x1	Front Button x1	Rear Button x1
			
Bracket x2	Screw x4	Latch Striker x1	Drill Bit x1

TOOLS (not included)

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

## REMARK

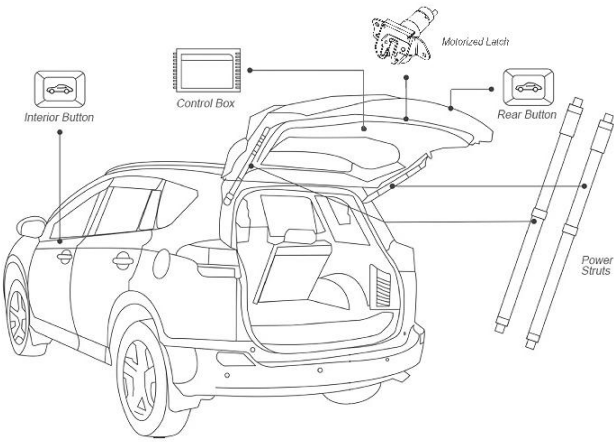
Pictures on above are for reference only, they may not up to date to show actual parts included. Autoease keep the right to update product appearance & designs without notification

The installation steps are based on left hand drive.

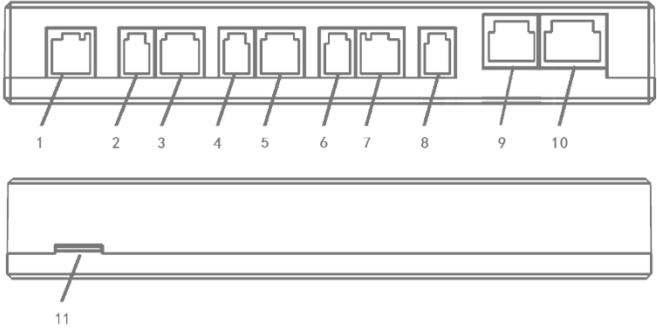
Micro-SD slot in control box is for firmware update purpose.

Make protections on dashboard, door panels, trunk panels and metal surfaces, to avoid scratches during installation.

## SCHEME



# CONTROL BOX



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

# INSTALLATION STEPS

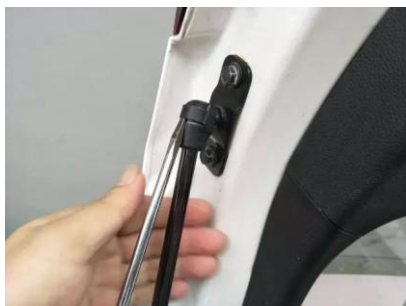
Vehicle's rear view, make sure your car look the same



1. Pry original door panels off by using removal tools



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



2. Use original door stud & washer to install our power strut



3. Replace original trunk bracket to ours, fix with our screws. Install power struts with cable at trunk bracket end



4. Route strut cable through factory reserved hole in door panel



5. Replace original tailgate latch/lock to ours, fix with original screws

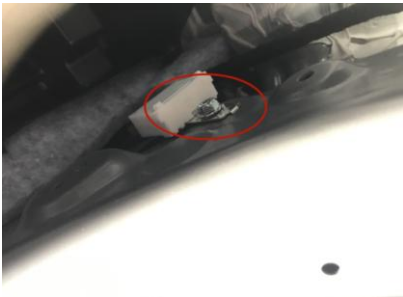


6. Replace original trunk striker to ours, fix with original screws



Tips: Manually and gently lift tailgate up and down, make sure tailgate latch is hitting on trunk striker to close properly. You may need to use washers to adjust striker height if does not match.

7. Fix our GND wire to a factory ground screw in tailgate panel, or left side of trunk. Make sure it is a factory ground screw which has other GND wires fixed already



8. Route \*power cable to driver's dash, route \*green wire to B pillar. Picture for reference



9. Connect a loose blue wire from our rear button cable to original trunk switch signal which is also blue

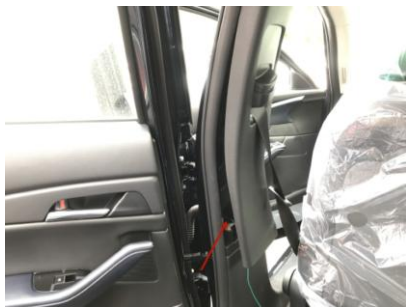
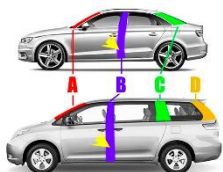


\*Contact Autoease for support in case this wire does not match your vehicle

10. Connector to our lock harness to original lock connector



11. Pry B pillar panel off at driver's side



Locate side door connector, connect our green unlock wire to original blue wire for remote control (3x unlock)

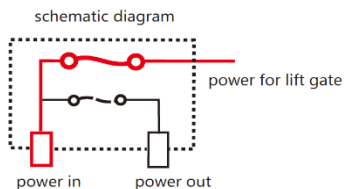
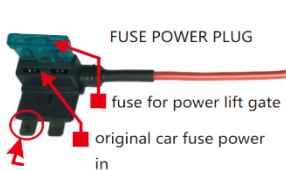
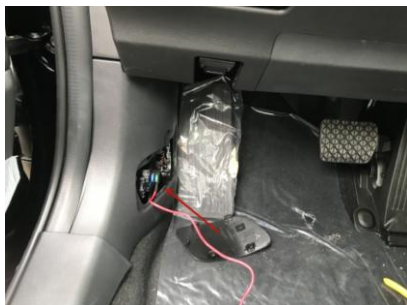


\*Contact Autoease for support in case this wire does not match your vehicle

12. Drill a hole to install our front button, picture for reference only

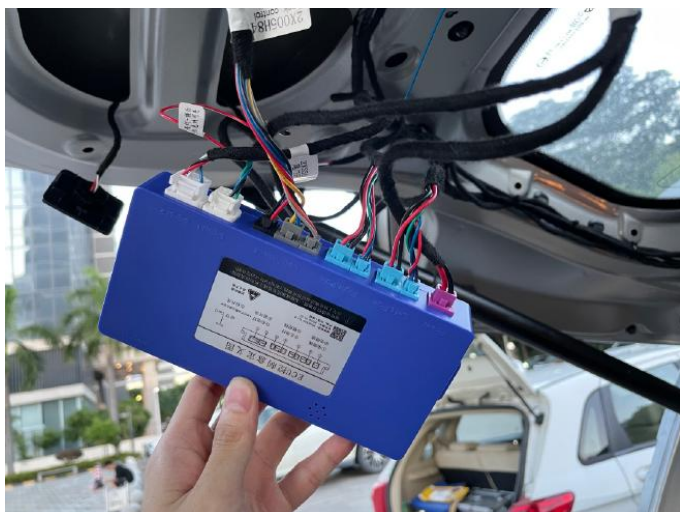


13. Locate original fuse box in A pillar at driver's side(left side of kick panel), remove original 20A-30A fuse, insert it to our fuse power plug, finally insert our plug back to original fuse port

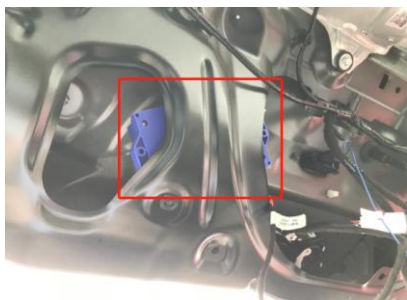


**\*\* MAKE SURE THE POWER IN IS A 12V CONSTANT BATTERY POWER**

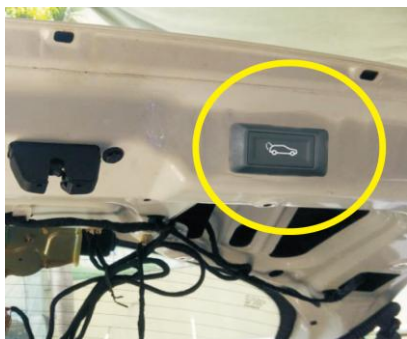
14. Insert all plugs to the control box, leave power plug as the last one, you will hear a beep once power connected



Place our control unit on hatch panel, secure with provided sticker or strings



15. If vehicle has factory reserved trunk close button, you can use that button by modifying our rear button signal, otherwise drill a hole to install our rear button, picture for reference



## 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 – long press trunk 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