

AUTO EASE

POWER LIFT GATE

MANUAL



FOR
MG ZS 2017-23

This power lift gate kit for MG ZS 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 of dashboard, plastic trims, metal surface etc., in case scratches during installation
5. Secure all the cables/wires in the car to prevent connection getting loose in driving
6. The installation time depends, usually will take around 3 hours, please follow the manual patiently.





ATTENTION:

- i. This liftgate is designed for standard door panel
- ii. Bench-test is forbidden, liftgate kit must be installed in vehicle before powered testing
- iii. Do not insert power plug to control box until whole installation procedures are completed
- iv. Make sure there is backlight on our rear button once power is connected
- v. Initialize system once kit is installed - manually lift rear door to desired height, keep on pressing our rear button 3 seconds until a beep is heard, short press our rear button to close, when door is fully closed with a beep, it means system is ready for use

PART LIST

			
Power Strut x2	Control Box x1	Power Cable x1	Power Striker Cable x1
			
Lock Adapter x1	Power Striker Motor x1	Button x2	Bracket x2

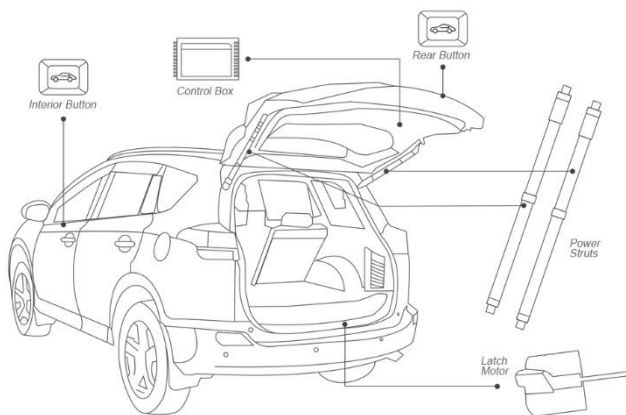
TOOLS (not included)

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

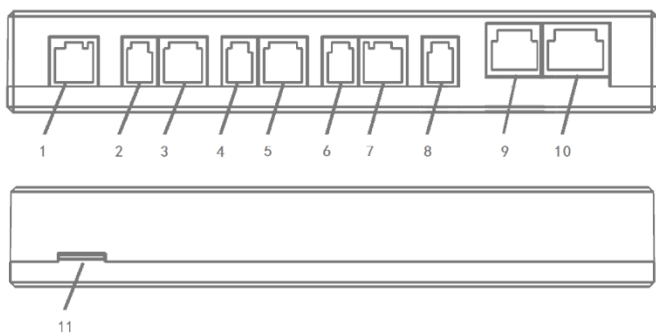
REMARK: Pictures for reference only, they may look different or not reflect actual product while products being updated time to time. Autoease keep the right to update appearance & design without notifications.

REMARK: LHD means Left Hand Drive. Unlock signal can be found in B pillar on both sides

SCHEME



CONTROL BOX



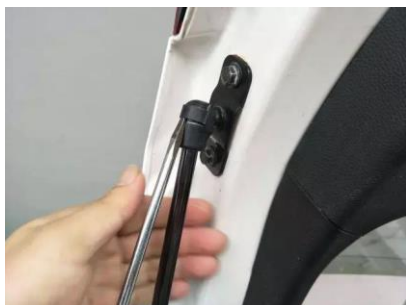
- | | |
|-----|---------------|
| 1 | Power |
| 2/3 | Left Strut |
| 4/5 | Right Strut |
| 6/7 | Power Striker |
| 8 | Lock Adapter |
| 9 | Front Button |
| 10 | Rear Button |
| 11 | MicroSD Slot |

INSTALLATION STEPS

1. Pry off original door panels



2. Loosen original gas strut clips by using a slotted screw driver, pull the struts out gently. You will need an assist to hold the door when removing these factory struts



3. Use original door brackets to install our power struts



4. Replace original car body brackets to ours, fix with our M6 screws



5. Install power struts with cable end at car body, route strut cable through factory reversed holes in door panel



6. Remove original trunk panels



7. Replace original latch striker to ours for soft close, fix with original screws



8. Put latch striker motor nearby spare tire, fix with sticker or strings



Note – cut a small slot in original striker cover to allow our power striker moving back and forth smoothly



9. Routing strut cable and striker motor cable to rear door



10. Route power cable to passenger's position (LHD)



11. Fix our GND to a factory ground screw in rear door panel tightly, make sure that screw has no paint on surface for good power flow



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



13. Bypass this step if there is factory trunk button on key fob, otherwise use original unlock button for remote control (3x).
First locate side door connector in B pillar (LHD)



Then connect our green wire to original blue/black



14. Drill a hole to install our front/dashboard button, picture for reference



15. Drill a hole to install our rear button



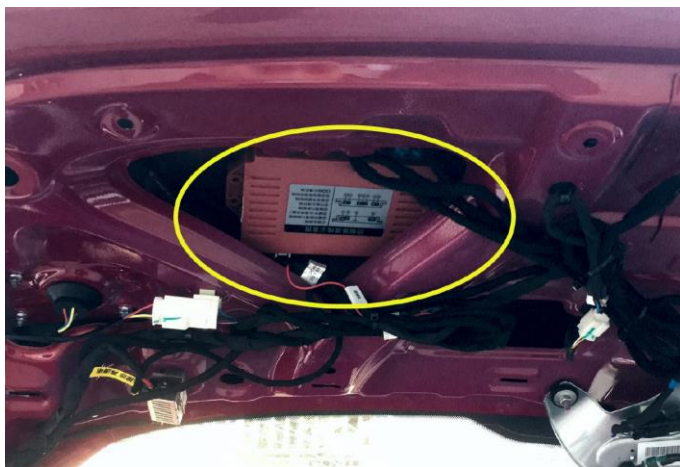
16. Locate factory fuse box under passenger's dash (LHD), unplug original 30A fuse, insert it to our power plug, finally insert our power plug to original fuse port



Note the power cord direction per picture



17. Insert all the plugs into control box (ECU), leave power cable as the last one, you will hear a beep once power connected. Place control box (ECU) on door panel, fix by using provided sticker



* There is a short red ILL wire at ECU end is for our front button backlight power, connect it our rear button's red wire

18. Restore rear door panels, installation completed

Initialize system after installation - manually lift tailgate to a desired height, keep on pressing our rear button around 3 seconds until a beep is heard, short click our rear button to close, when door is fully closed and you hear 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 or 3x unlock
- 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