

# AUTO EASE

## POWER LIFTGATE MANUAL



FOR  
TESLA MODEL S  
TL105-3085

This retrofit power tailgate lift assisting system opens and closes your rear door by simply pressing a button. It provides additional security and value to your vehicle. Installation is designed for the do-it-yourself and comes with various brackets depending on your car.

## FEATURES

Support original remote to open/close gate.

Support front/rear button to open/close gate.

Still support manually open/close the gate.

Customizable gate height, suits to everyone.

Gate will bounce back automatically once it senses obstacles while closing.

Sound alarm when tailgate is closing or opening.

Quiet motor, noise less than 50dB in 30cm distance.

Work in all weather conditions, operation temperature - 40 °C ~ 60°C.

## 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 1-2 hours, please follow the manual patiently.

PART LIST

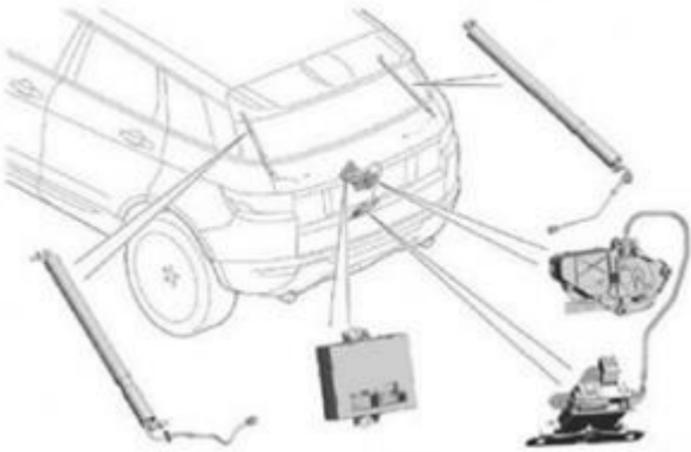
			
Pole	Control Box	Power Cable	OBD Decoder
x2	x1	x1	x1
			
Gate Button	Drill		
x1	x1		

TOOLS (not included)

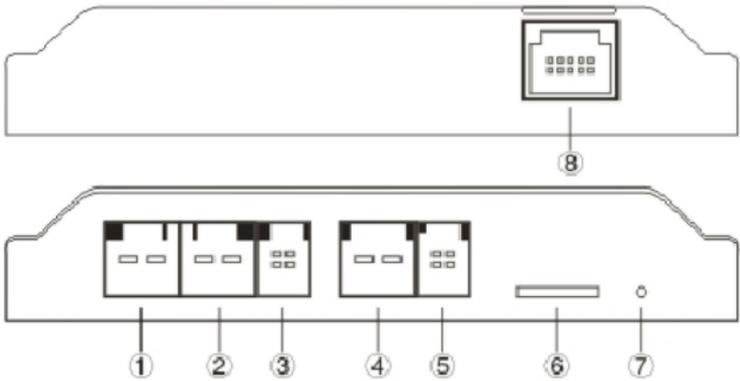
			
Screw Driver	Spanner	Plastic Wrench	
x1	x1	x1	

REMARK: Pictures for reference only, they may look different or not reflect the real product while products being updated.

SCHEME



CONTROL BOX



- ① Control box power
- ② Left pole power
- ③ Left pole control
- ④ Right pole power
- ⑤ Right pole control
- ⑥ N/A
- ⑦ N/A
- ⑧ Button control

## Installation Steps

1. Use plastic wrench to remove the panels in the rear door.



2. Use original pole bracket to fix our poles (bottom)



3. Use original pole bracket to fix our poles (top)



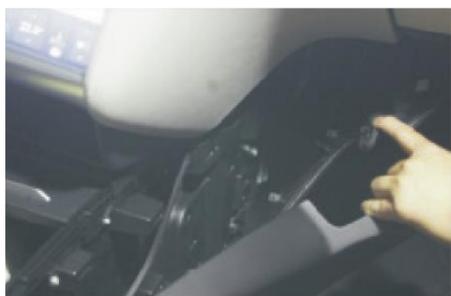
4. Routing the poles hall cable through the plastic cover as picture.



5. Remove the plastic panel of rear door (right) for routing the cables and hide inside.



6. Remove the plastic panel below glove box in the passenger's side



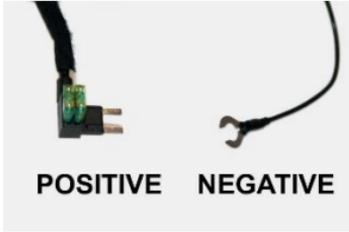
7. Remove the plastic panel of glove box in the passenger's side



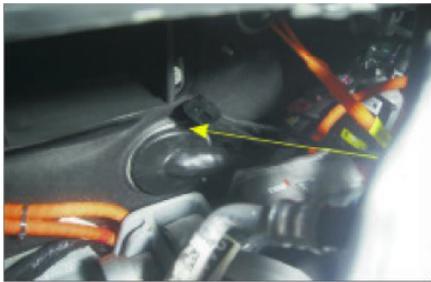
8. Open the engine cover plate



9. Connect lift gate power to the battery



10. Route the power cable through slot in the passenger's side

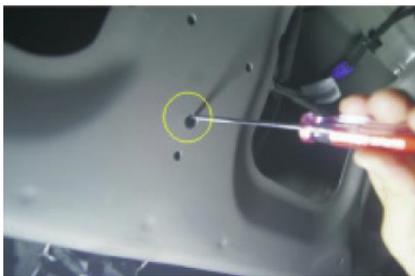


11. Locate the car OBDii port under driver's seat, connect to our OBD adapter for fob/remote control.



OBD adapter for our kit use

12. Fix the control box to the rear door with a screw like picture.



13. Locate original lock connector, connect to the liftgate lock adapter



14. Drill hole for installing our tail gate control button



15. Tail gate button installed



16. Installation finished!



# ATTENTION

Keep gate open when installation is completed. Start car engine, now manually close the gate so the system can initialize and ready for use.

## FREQUENTLY ASKED QUESTIONS

1. How many ways to operate the gate

A. There are three common ways as below:

1) Use original remote - three click of UNLOCK key or long press the OPEN key if your remote has

2) Use tail gate button provided by us – one click

3) Use original front dash UNLOCK button - three click

2. How to setup gate height

A. manually adjust the gate to a proper height, long press the gate button until you hear a beep, done.

3. Gate not work properly

A. a) inspect power supply, include positive 12-16v, negative connects, and fuse box

4. Gate cannot close to the end and not locked

A. a) slightly adjust the lock b) check if left/right poles are reversed c) check control box wiring d) check if not using screws in the box e) remove a little cushion in the latch

5. Gate can only open to half of the height

A. a) slightly adjust the lock b) check if left/right poles are reversed c) check control box wiring d) re-adjust the gate height

6. Original remote/fob does not work

A. a) check the yellow control wire connection b) check OBD connection if there is a decoder box c) Adjust the click rhythm during the three click of UNLOCK key d) long press the OPEN key if your remote has

7. Original remote/fob can open but not close the gate

A. Check if you have manually close the gate to initialize the system. If not, try this – manually open the gate to a proper height, long press gate button until you hear a beep, click button once to close gate, done.