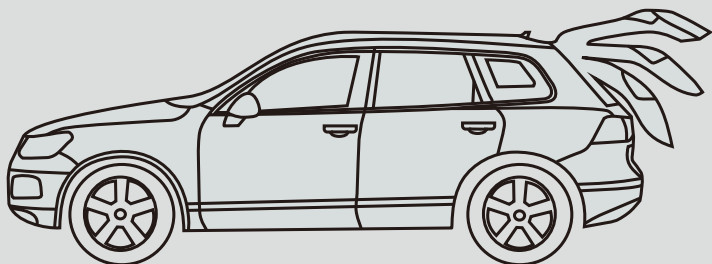


## Installation Proccs

### Electric Tail gate Lift system



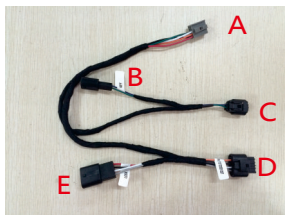
## NOTE

### Installation Precautions of Electric Tail gate Lifts

- 1.To ensure safety and normal usage of our products, please let the professional sales staff to install; to avoid damaging the machine or causing accidents, please do not dismantle the products.
- 2.To start the engine before installation, check the car dashboard display function, whether the buttons operate normally, whether there is any scratches on car interior and surface. If any problems, reflect to the customer immediately.
- 3.Check whether the tailgate can normally open and close or not, check if there is any problem with the lights.
- 4.Turn off the engine, prepare tools.
- 5.For installation personnel: please remove metal objects and any other hard objects to prevent car damage during the installation process.
- 6.Remove automotive components and place them carefully to avoid scratching the dashboard; wiring debris need to be tidied up in time, do not leave them in the car; Joints must be well insulated to prevent short circuits.
- 7.According to our wiring way, to avoid affect the car moving parts, such as steering column, the accelerator and brake pedals, etc., each harness should be fixed after wiring, to avoid getting loose.
- 8.Connect each harness according to our wiring way(pay attention to the position of ground wire).
- 9.Do not change the wires or accessories with the power on.

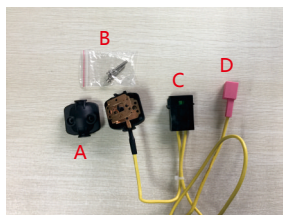
▲After installation, close the tail gate manually, so that the system can initialize.

## Wire Definition



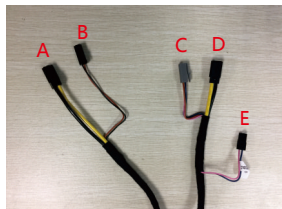
Lock control cables

- A.Joint with control box port-1
- B.Connect to original tailgate button(in)
- C.Connect to original tailgate button(out)
- D.Connect to tailgate lock port(out)
- E.Connect to tailgate lock port(in)



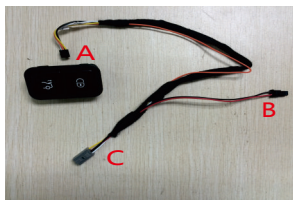
Power picker

- A.Cover of power picker
- B.Cable cleat
- C.Fuse
- D.Joint with power cable -A



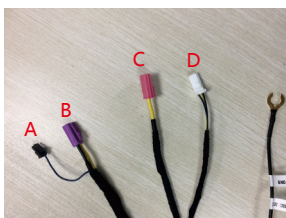
Latch cable

- A.Port -2 of latch box
- B.Port -1of latch box
- C.Port -5 of control box
- D.Port -10 of control box
- E.Joint with power cable -G



A.Back button(tailgate button) port

- B.Joint with buzzer
- C.Control box port-3



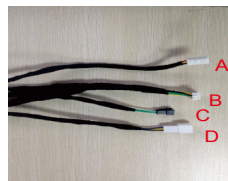
Power cable

- A.Joint with latch cable -G
- B.Connect with port -6 of control box
- C.Joint with power picker -A
- D.Joint with connecting cable B of CANBUS



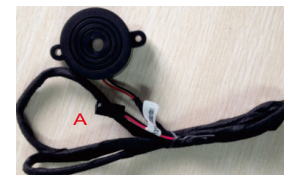
A.Connect to CANBUS adapter cable -A

## Wire Definition

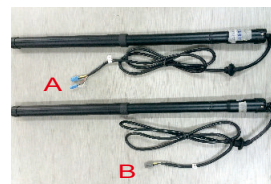


A.Front button port

- B.Joint with CANBUS
- C.Joint with communication C
- D.Joint with power cable J

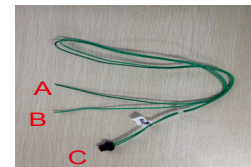


A.Joint with connecting cable B of rear button



A.Connect to control box-8-9

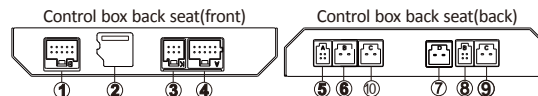
- B.Connect to control box-7



A.CAN L

B.CAN H

C.Communication -C



## Installation Steps



1. Original tailgate.



2. Dashboard.



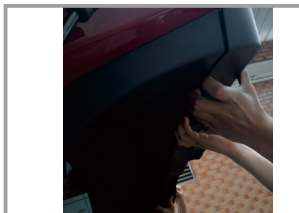
3. Dismantle the handle plaque, which is on the right of tailgate plaque.



4. Clip the buckle with a sharp-nose plier, pull the handle.



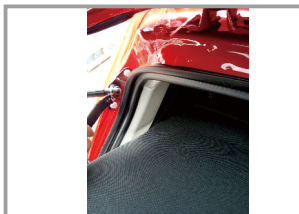
5. Dismantle the handle of tailgate plaque.



6. Dismantle the tailgate lock plaque.

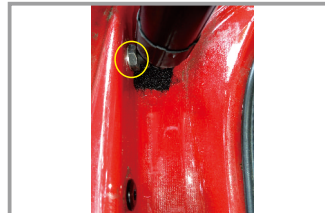


7. Take down all the tailgate plaques.



8. Take down the original gas spring and bracket (both the left and right one).

## Installation Steps



9. Mount our ball stud into the screw hole near the pole (both the left and right one).



10. Mount our big flat screw into the screw hole (both the left and right one).



11. Install the electric pole (both the left and right one).



12. Pull down the right tailgate light plaque.



13. Unscrew the right tailgate light screw, then dismantle the right taillight.



14. Drill a M16 hole.



15. Install the motor cables of both sides poles and rubber plug of holes. (There is a hole on the left, it's no need to drill one, just install our rubber plug)



16. Remove the screw of lock latch plaque.

## Installation Steps



17. Remove the screw of lock latch plaque.



18. Pry the lock latch plaque.



19. Take down the original lock latch.



20. Remove the nut on the latch-driving box



21. Press the spline, pry the latch line with a crow plate by the other hand.



22. Take down the original left rubber plug, install our toothed strip, and make the latch cable go through the hole.



23. Mount our lock bolt.



24. Place the motor box of latch into the back of left tailgate plaque.

## Installation Steps



25. Joint with the cables and latch motor box, cover on the left tailgate interlayer.



26. Pry the left plaque of driving position.



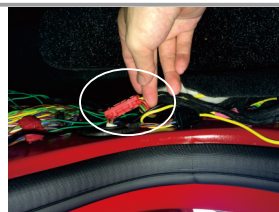
27. Pry the plaque near the gate of driving position .



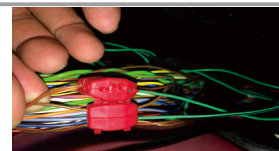
28. Drill a hole on the plaque which is on the lower left of steering wheel, fix our front button. (It's selected by the customer to fix or not)



29. The installing position of GND (the left of tailgate)



30. Clamp the red-black thick cable with our clip, the cable is behind the plaque near the gate of driving position.



31. Use our connection switch cables to clip the CAN cables, the brown and red-brown one. (CAN cables are behind the plaque near the gate of driving position, use our green CAN(H) cable to clip the original red-brown cable, use our green-black CAN(L) cable to clip the original brown cable)



32. Make the power cable go through along the gate near driving position as shown.

## Installation Steps



33. Make the power wire and latch cable go through along the tailgate as shown.



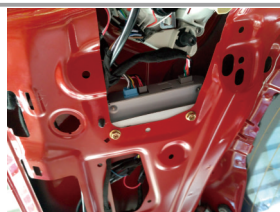
34. Joint the original button cable with our lock control cable.



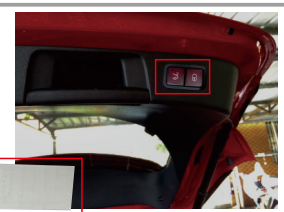
35. Joint the original lock cable with our lock control cable.



36. Fix the control box on the tailgate interlayer.



37. Joint all the cables with the control box.



38. Install our back button.



39. Effect drawing after installation.