

Smart Electric Tail Gate Lift

INSTALLATION MANUAL

2019 Geely Binyue

NOTE

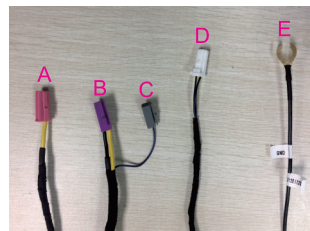
1. **TO** ensure safety & normal usage of our products, please let the professional sales staff to install; to avoid damaging the machine or causing accidents, please do not dismantle the products.
2. **TO** start the engine before installation, check the car dashboard display function, whether the buttons 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 charge the wires or accessories with the power on.

Remote control operation: long-press the trunk button.

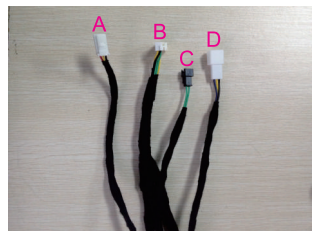
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After installation, close the tail gate manually, so that the system can initialize.

Wire Definition

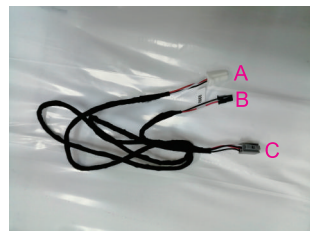
01-02



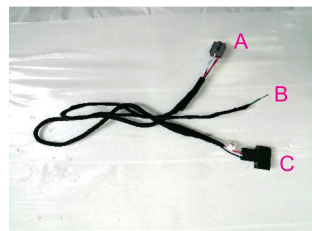
Power wire
A. Connect with power supply device -A
B. Control box port -2
C. Control box port -1
D. Select the front button
E. GND



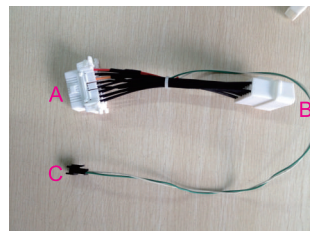
Bus box wire
A. Front button terminal
B. Connect to bus box
C. Connect to communication -C
D. Connect to power wire -D



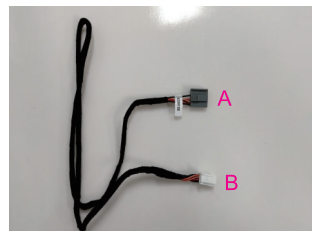
Rear button wire
A. Connect to rear button
B. Buzzer
C. Control box port -8



Lock control wire
A. Control box port -9
B. Handle unlocking wire of the original car
C. Tailgate lock wire



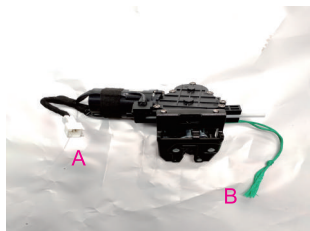
OBD adapter
A. OBD in
B. OBD out
C. Connect to bus box wire -C



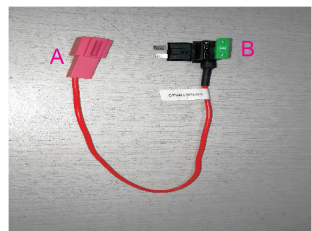
Electric lock control wire
A. Control box port -3
B. Connect to lock -A



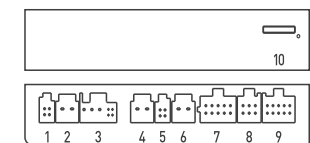
Buzzer
A. Connect to rear button wire-B



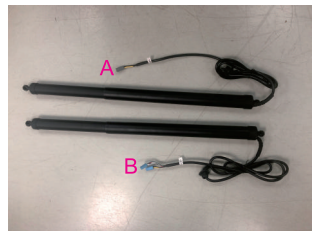
Lock
A. Connect it with the electric lock control wire -A
B. Emergency rope



Power supply unit
A. Connect to power wire -A
B. Connect to fuse slot of the original car



Control box



A. Connect to Control box port -4
B. Connect to Control box port -5-6

Installation Steps

03-04



1. 2019 Geely Binyue.



2. Remove the car body ball stud of the original car.



3. Install the electric tailgate car body support of our company.



4. Remove the of the original car tailgate ball stud.



5. Replace it with the electric tailgate car body ball stud of our company.



6. Remove the air spring of the original car.



7. Install the electric stay bar.

Installation Steps

05-06



8. Position of drilling a hole to install stay bar wire.



9. Remove the small trim board in the middle of tailgate.



10. Remove the screws (one in the left and right sides respectively).



11. Remove the small trim board on both sides of the tailgate, remove the screw (one in the left and right sides respectively).



12. Remove the triangle trim board on both sides of big trim board of the tailgate, remove the screw (one in the left and right sides respectively).



13. Remove the screw from the handle of the tailgate, take out the tailgate handle.



14. Remove the tailgate trim board.



15. Remove the tailgate lock of the original car.

Installation Steps

07-08



16. Install the electric lock.



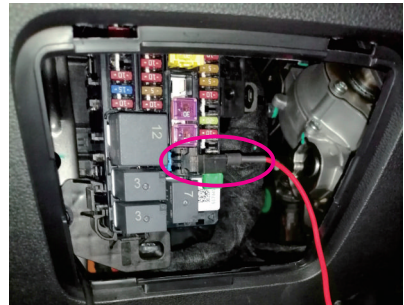
17. Install the lock trim board.



18. Connect the electric lock driving wire.



19. Position of connecting OBD.



20. Position of supply power for fuse, connect it with the power wire, lay the power wire to the tailgate.



21. Connect the lock control wire and the tailgate lock driving wire of the original car.



22. Connect to the handle switch wire of the original car (the wire color of the original car is blue-black).

Installation Steps

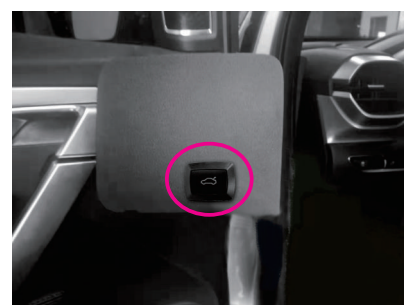
09



23. Position of installing the grounding wire.



24. Position of installing the control box (paste it on the tailgate with adhesive tape).



25. Position of installing the front button.



26. Position of installing the rear button (install it on the small trim board of the emergency switch on the big trim board of the tailgate).