

# Smart Electric Tail Gate Lift INSTALLATION MANUAL

2018 Volkswagen T-Roc

5457913020000\_v2

## NOTE

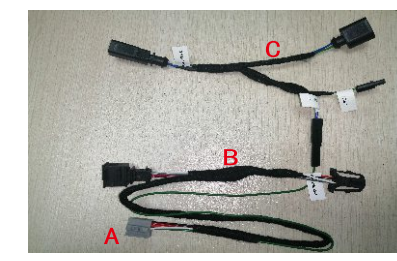
- To ensure safety & normal usage of our products, please let the professional sales staff to install; to avoid damaging the machine or causing accidents, please do not dismantle the products.
- To start the engine before installation, check the car dashboard display function, whether the buttons operate normally, whether there is any scratches on car interior and surface. If any problems, reflect to the customer immediately.
- Check whether the tailgate can normally open and close or not, check if there is any problem with the lights.
- Turn off the engine, prepare tools.
- For installation personnel, please remove metal objects and any other hard objects to prevent car damage during the installation process.
- 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.
- According to our wiring way, to avoid affect the car moving parts, such as steeringcolumn, the accelerator and brake pedals, etc., each harness should be fixed after wiring, to avoid getting loose.
- Connect each harness according to our wiring way(pay attention to the position of ground wire).
- Do not change the wires or accessories with the power on.

Remote control operation: **Hold the trunk button.**

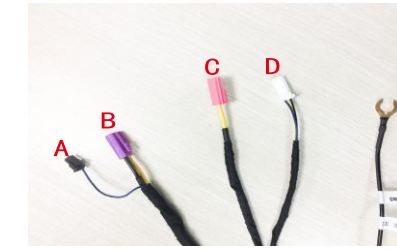
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After installation, close the tail gate manually, so that the system can initialize.

## Wire Definition

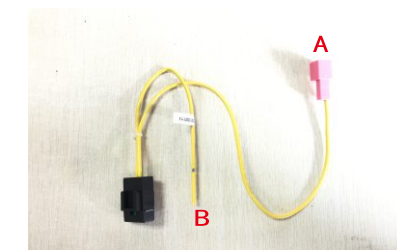
01



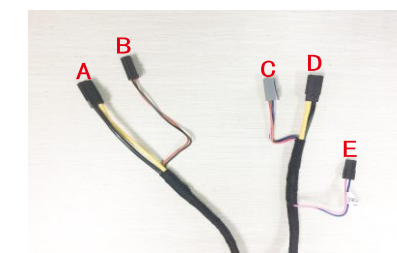
Lock control wire  
A. Control box port -1  
B. Connect to the tailgate lock  
C. Connect to the tailgate handle button switch



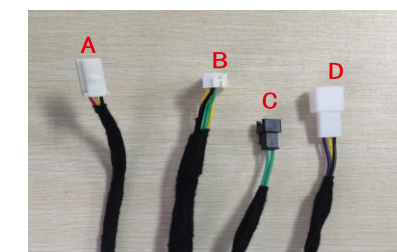
Power wire  
A. Connect to lock wire -E  
B. Control box port -6  
C. Connect to power supply device -D  
D. Connect to bus box wire -D



Power supply device  
A. Connect to power wire -A  
B. Connect to power wire

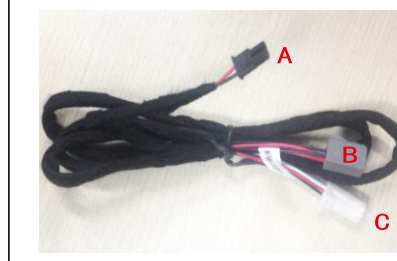


Lock wire  
A. Lock box port-2  
B. Lock box port-1  
C. Control box port -5  
D. Control box port -10  
E. Connect to power wire -G

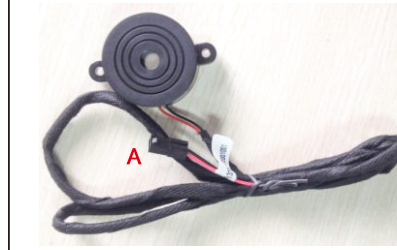


Bus box wire  
A. Rear button terminal  
B. Connect to bus box  
C. Connect to communication -C  
D. Connect to power wire -B

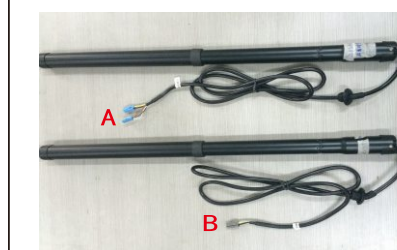
02



Rear button connecting wire  
A. Buzzer -A  
B. Connect to control box port-3  
C. Rear button terminal



Buzzer  
A. connect with the rear button wire -A

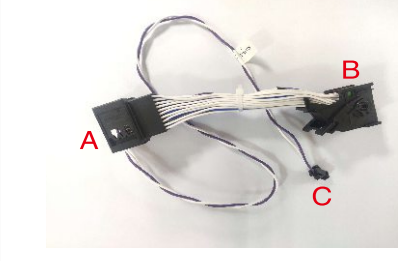


Stay bar  
A. Connect to control box port -8-9  
B. Connect to control box port-7

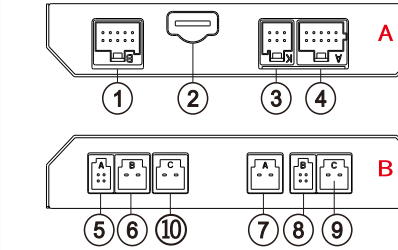


Lock unit  
A. Lock port-2  
B. Lock port-1

03



A. Connect to the CAN wire plug of the original car in  
B. Connect to the CAN wire plug of the original car Out  
C. Connect to the bus box wire -C



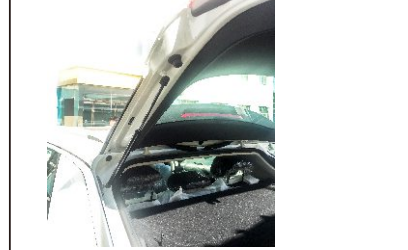
Control box  
A. Control box rear socket front  
B. Control box rear socket back

## Installation Steps

01



1. 2018 Volkswagen T-ROC.



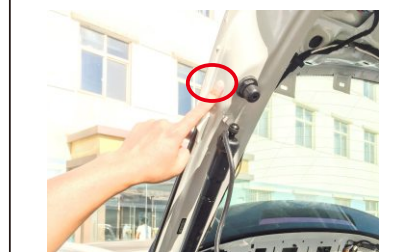
2. Remove the air spring.



3. Replace the car body support.



4. Install the electric stay bar.



5. Make a hole at the finger position, and do well in anti-rust treatment.

02



6. Remove the triangle frame.



7. Remove the screws of the tailgate trim board.



8. Remove the tailgate trim board.



9. Fix the control box.



10. Connect it with the lock plug of the original car.

03



11. Connect it with the tailgate button plug of the original car.



12. Remove the latch of the original car.



13. Replace the lock.



14. Fix the lock drive.

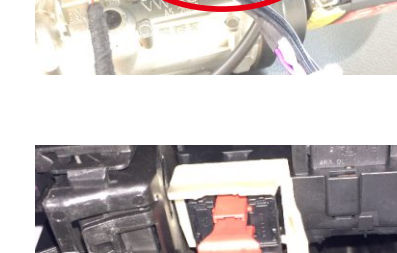


15. Remove the screws of the steering wheel and remove the trim board cover.

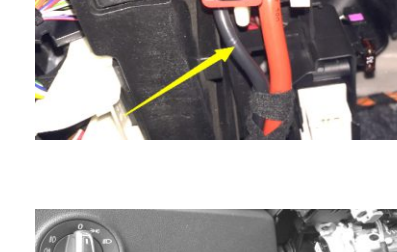
04



16. Cut off the plug of the CAN wire of 2020 model, connect the white wire to the orange-green wire, and the purple wire to the orange-black wire. .



17. Manually connect the black power wire of the original car.



18. Make a hole to install the front button.



19. Remove the screws.

05



20. Remove the trim board at the left side of the trunk.



21. Install the grounding iron.



22. Install the rear button.

## Position for CAN for 2020 model



1. Take out the control module of the original car.



2. Pull out the plug of the original car.