

Smart Electric Tail Gate Lift

INSTALLATION MANUAL

2017 Benz Vito

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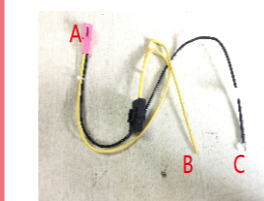
NOTE

- 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 Dishes Need To Be Sealed Up In Time, Do Not Leave Them In The Car. Keys Must Be Well Insulated To Prevent Short Circuits.
- According To Our Wiring Way, To Avoid Affect The Car Moving Parts, Such As Steering Column, The Accelerator And Brake Pedal, 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.

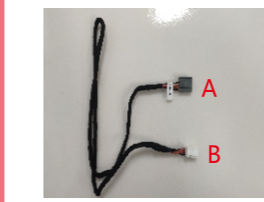
Remote control operation: press unlocking key three times.

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

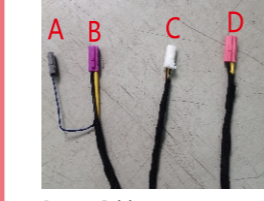
CABLE DESCRIPTION /01-02



Power transfer wire
A. Connect to power wire -D
B. Connect to power supply
C. GND



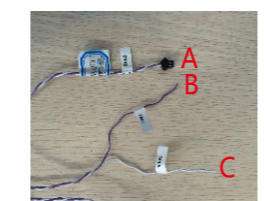
Electric lock control wire
A. Control box port-10
B. Connect to electric lock port -A



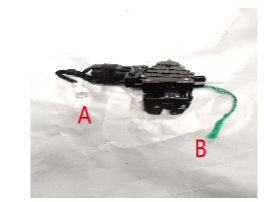
Power Cable
A. Connect with port -5 of control box
B. Connect with port -6 of control box
C. Connect with connecting cable B of front button
D. Connect with power cable -B



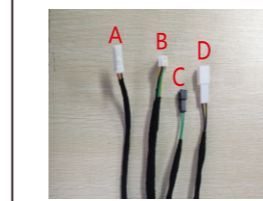
Connecting cable of front button
A. Connect with connecting cable D of CANBUS
B. Connect with plug C of power cable



Communicating cable (length: 1000MM)
A. Communicating -C
B. CAN (L)
C. CAN(H)



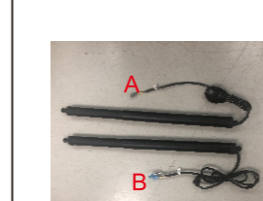
Additional connecting cable of rear button
A. Port of rear button
B. Port -3 of control box
C. Buzzer -A



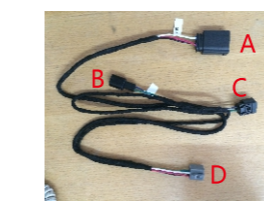
Connecting cable of CANBUS
A. Port of front button
B. Joint with CANBUS
C. Joint with communicating -C of front button
D. Connect with connecting cable -A of front button



Buzzer
A. Joint with connecting cable B of rear button



Control box
A. Joint to control box port -4
B. Joint to control box port -5-6

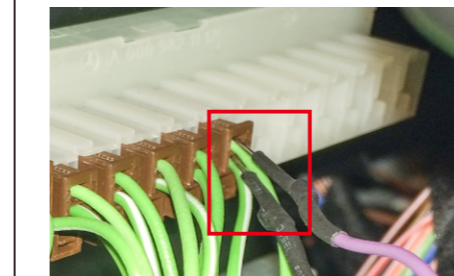


Suction control cable
A. Connect with the plug of latch head (in)
B. Connect with the plug of tailgate button (in)
C. Connect with the plug of tailgate button (out)
D. Control box port -1



Accessories of front button with CANBUS
A. Connect with connecting cable A of CANBUS

INSTALLATION STEPS /03-04



1. Dismantle left plaque on driving position.

2. Dismantle plaque above driving pedal.

3. Connect the communicating cable with original CANBUS cable. (Our purple cable with original green CAN(L). White cable with original green and white CAN(H)). Remark: there are 6 group CAN cables.

4. Drill a hole in the triangle driving position to install our front button as shown.

INSTALLATION STEPS /05-06



5. Remove original gas springs on the left and right .

6. Remove original tailgate bracket and then install our bracket. Place our K screw on bracket's hole, another hole with original screw.

7. Remove original car body bracket and then install our bracket. Place our K screw on bracket's hole, another hole with original screw.

8. Take taillights on the left and right down for laying out the pole's cable.

INSTALLATION STEPS /05-06

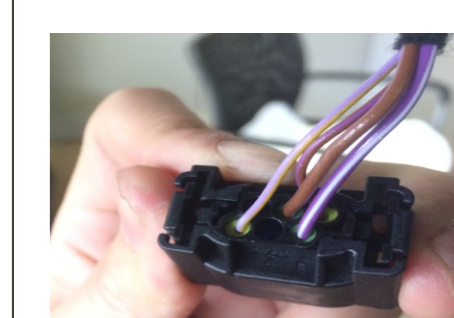
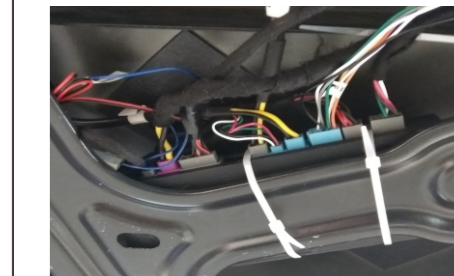


9. Let the pole's cable through as shown and pack it well with waterproof glue.

10. Pass the cable of pole through the semicircular crack of the light cover.

11. Remove the plaque as shown.

INSTALLATION STEPS /05-06



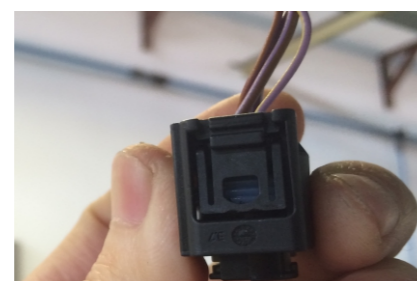
12. Remove the 4 screws on the tailgate plaque.

13. Remove the plaque and then take out the sound insulation foam as shown.

14. Fix our control box on the right of tailgate.

15. Pull out the original suction plug and joint with our suction cable.

INSTALLATION STEPS /07-08



16. Pull out the original tailgate button and then joint with our suction cable.

17. Remove the small plaque on the right corner of trunk.

18. Use our cable cleat to clear the 12 voltage power cable which is on the right of trunk. (Remark: Getting the power as shown)

19. Remove original latch head.



20. Fix the lock of our company with M6 bolt.

21. Pass the emergency rope through the side hole.

22. Put the emergency rope near this hole.

INSTALLATION STEPS /09-10



23. Remove the screws on the small plaque and then remove the plaque as yellow arrow shows.

24. Remove the metal plaque on the original latch's plaque.

25. Remove the original latch base.

26. Replace the original lock bolt with ours, install the bend part outside. Use the original screws.



27. Note that the bent latch part towards the trunk.

28. Install the lock hole shield on the tailgate trim board.

29. Fix our GND on the right side of trunk and hide it in the plaque. Please make the ground strap connection on the position as suggested.

30. Fix the GND on the hole of screw.

INSTALLATION STEPS /11-12



31. Layout the power cable & GND in the way as shown.

32. Make the power cable and right pole cable through right water pipe and the left pole cable through left pipe. Finally connect to the control box.

33. Fix our GND on the right side of trunk and hide it in the plaque.

34. Stick sound insulation foam well after finishing installation of all cables and control box.



35. Drill a hole on the right plaque of tailgate to install our rear button.