



Installation video
QR code

NOTE:
please watch the tutorial
video carefully before
installation

Aftersale service:
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Note:

- 1.The installation instructions may differ slightly from the actual operation. If there are any differences, please follow the actual situation or contact us.
- 2.Warning: Please do not disassemble any part by yourself, any improper operation will not be covered by our warranty.

1.Packing List:

lower tail light *2, door tai light*2, left light connecting wire (long), right light connecting wire(short), green signal wire



lower tail light



door tail light



green signal wire



TSL0009 wire harness



ECU control box

Precaution before installation



Installation precautions I:

- ① The original vehicle plug of the outer tail light can be inserted in both directions. If inserted reversely, the outer tail light will not light up;
- ② When connecting this plug, be careful not to use too much force, otherwise the pin inside the plug will be bent, resulting in the brake light not working



Installation precautions II:

After installation, it was found that the brake light of a headlamp on the outside was not lighting up. Please check whether this pin has been bent and deformed. If it is bent, it is considered to be caused by improper installation, and **will not be covered by our warranty.**

Precaution before installation



Instructions for adapter plug:

1. adapter plugs ① ② are used for Tesla 2022 model (AMD Ryzen chip)
2. adapter plugs ③ ④ are used for Tesla 2021 and earlier model (Intel Atom chip)
3. If use **plug ③**, it should connect to the left inner light for **LHD vehicle**;
For **RHD vehicle**, plug ③ is connected to the right inner light, and the green wire on the plug does not need to be connected.

The installation method of adapter plug as shown in the picture



Instructions for reversing light harness:

1. adapter plugs ① ② are used for Tesla 2022 model (AMD Ryzen chip)
2. adapter plugs ③ ④ are used for Tesla 2021 and earlier model (Intel Atom chip)
3. If use **plug ③**, it should connect to the left inner light for **LHD vehicle**;
For **RHD vehicle**, plug ③ is connected to the right inner light, and the green wire on the plug does not need to be connected.



Wiring instructions

1. **For 2022 model (AMD Version):** First connect the adapter plug ① ②;
 - connect plug ① to plug ⑨, the other end of plug ① connect with original vehicle plug
 - connect plug ② to plug ⑬, the other end of plug ② connect with original vehicle plug
For Intel Atom Version (LHD vehicle): connect plug ③ to plug ⑨; plug ④ to plug ⑬
For Intel Atom Version (RHD vehicle): connect plug ③ to plug ⑬; plug ④ to plug ⑨
2. No. ⑰ long black wire is for the tail light on the left; connect plug ⑰ to plug ⑥ and plug ⑩
3. No. ⑱ short black wire is for the tail light on the right; connect plug ⑱ to plug ⑫ and plug ⑭
4. No. ⑮ green wire connect to plug ⑤ and plug ⑧
5. Plug ⑦ ⑪ of left and right outer tail light connect to the original vehicle plug
6. If your car is a single reversing light version and want to be changed to dual reversing lights, you need to connect No. ⑰ harness: Connect one end of harness ⑰ to plug ⑥ of left outer light and the other end to plug ⑫ of right outer light. If your car is a dual reversing light version, this harness does not need to be connected.

2.Installation Procedure

1.Remove the trunk trim panel



2.Remove the buckles on the trunk cover with tools and install them back to the trunk cover trim panel. total 13 buckles.

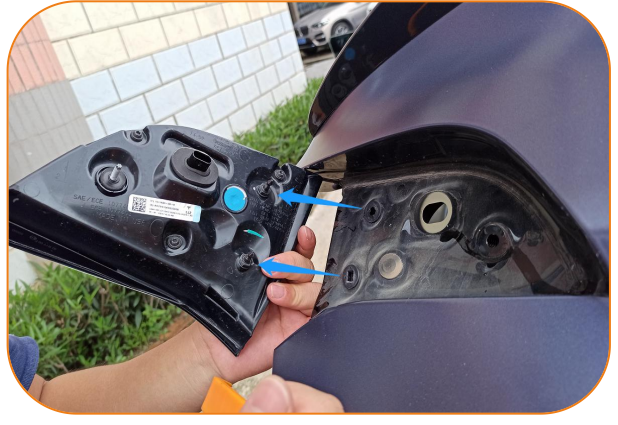


3.The disassembly steps of the left and right lights are the same, as follows: pull out the plug of the door tail light and screw out the fixing nut.

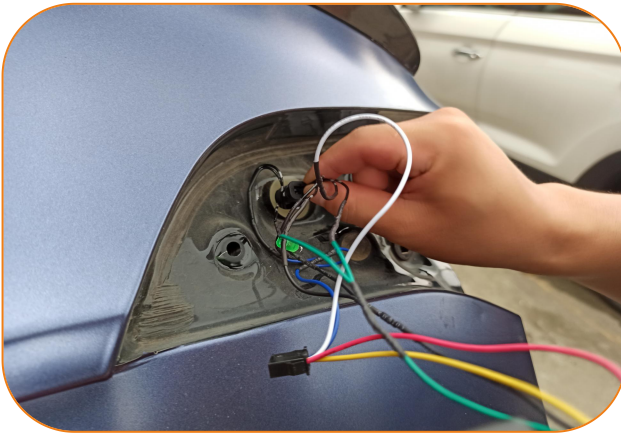


Model 3 Eagle Eye Tail Light Installation Manual

4. After removed the plug and nut, pull the tail door down to a proper position and take out the original light. When taking out, the original light can be removed by shaking up and down or with the help of prybar to release the two clips.



5. Install the corresponding tail light on the tailgate, and first put the plug and the light harness through the socket (Note: if the plug is too big to pass through the hole, the protruding plastic on the plug can be cut flat with a wallpaper knife to pass through the hole.)



6. After aligning the hole, buckle the door tail light, and screw the fixing nut on the inner side of the tailgate.



7. Find the plug corresponding to the original car and plug it in. (Note: 3-pin plug for car model 2020, then plug in the 3 pins plug; 4-pin plug for 2021 model, then plug in 4 pins plug)



8. After replacing the light on the tailgate, start to install the lower tail light. First screw out the black screws on the outside (It can be padded with cloth to prevent scratching the original light.)



9. Find the headlight in the trunk. There are black buckles on the top of the light, one on the left and one on the right. Remove them with a prybar.



10. Remove the two clips and remove the upper trim strip of the trunk



11. Open the lining trim panel on both sides, find out two fixing bolts and a plug for each tail light on both sides, screw off the nut and pull out the plug



12. Remove the tail light from the outside. There are two clip pillar on the tail lamp, which can be removed by gently shaking up and down or with the help of prybar.



13. Find out the lower tail light, and find the corresponding harness and plug it in
-- Two wires need to be inserted into the left light:
1. Black wire harness (long); 2. Green signal wire;
-- Insert a black wire harness (short) on the right side.

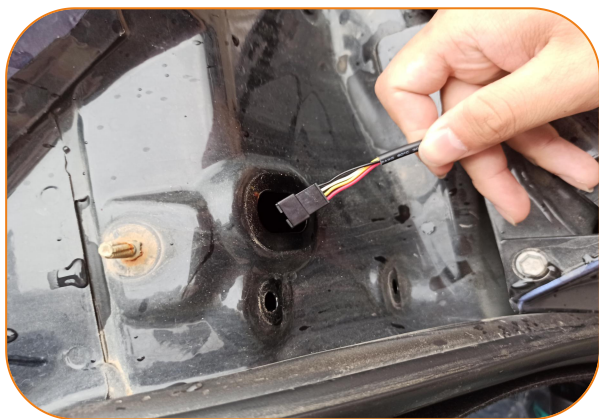


Left



right

14. Put the other end of the connecting wire through the socket, and pull the harness into the car, then align the hole of the tail light.



15. After aligning the hole position, press it up and fasten the two clip pillars



Model 3 Eagle Eye Tail Light Installation Manual

16. screw in the two M10 nuts and black screws , and plug it in the original inner plug, then install the lower tail light (**Note: when inserting the original plug, it is necessary to insert the plug reversely, the red fastener on the plug faces inward**)



17. After installed the lower tail lights on both sides, start wiring. the direction of left and right wiring harness is as follows.



Note: the left wiring harness goes from the left lower tail light to the left door tail light.

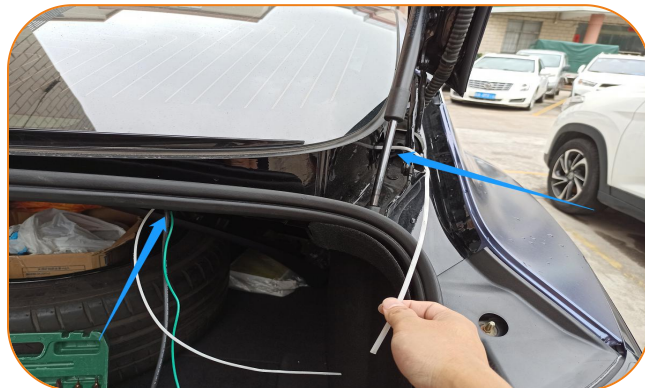


Note: the right wiring harness goes from the right lower tail light to the right door tail light.

18. start from the left side to route wire harness, route the black harness together with green harness, from the left lower tail light to the upper trim panel of the trunk, and then hide the harness in the left inner lining and the upper trim panel of the trunk.



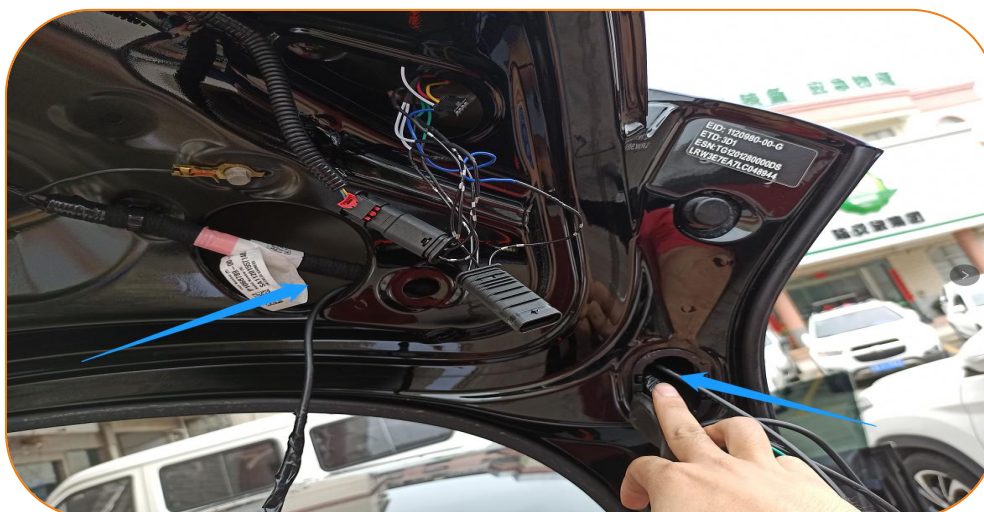
19. Pass the right wire harness and the left wire harness through the hole to the original vehicle outside the vehicle.



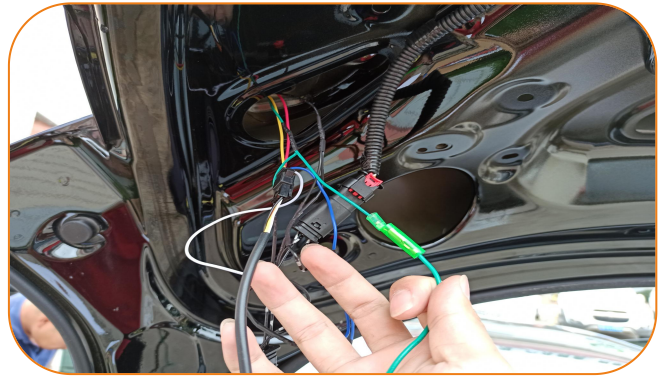
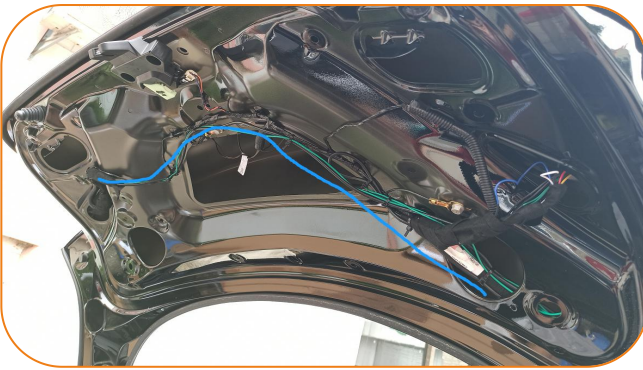
20. Open the routing hose of the original vehicle, remove the tie on the hose, and thread the harness through with the threading device.



21. Thread out the hose from the tailgate, connect the right wire harness with the right door tail light wire harness, and then wrap it with electrical tape.



22. The two left harnesses continue to follow the upper harness of the tailgate to the tail light plug on the left door. Connect them well and wrap the tape



23. After routing the wiring harness, restore the trim panels and clips in turn, and the installation is completed.



Note: If one of the outside lights is not lighting up and the other lights are working well, please turn the plug upside down and plug it back (rotate 180 °). Then check to see if it works