

## Bugatti\_Chiron\_42083 Basic Version LED Lighting Kit

### Package Including:

#### Lights:

- 8 X 15cm White Dot Lights
- 4 X 30cm Red Dot Lights
- 1 X Warm White LED Strip Lights
- 1 X 12-port Expansion Boards
- 1 X 6-port Expansion Boards
- 1 X 30cm Connecting Cables
- 1 X 15cm Connecting Cables
- 1 X AABattery Pack

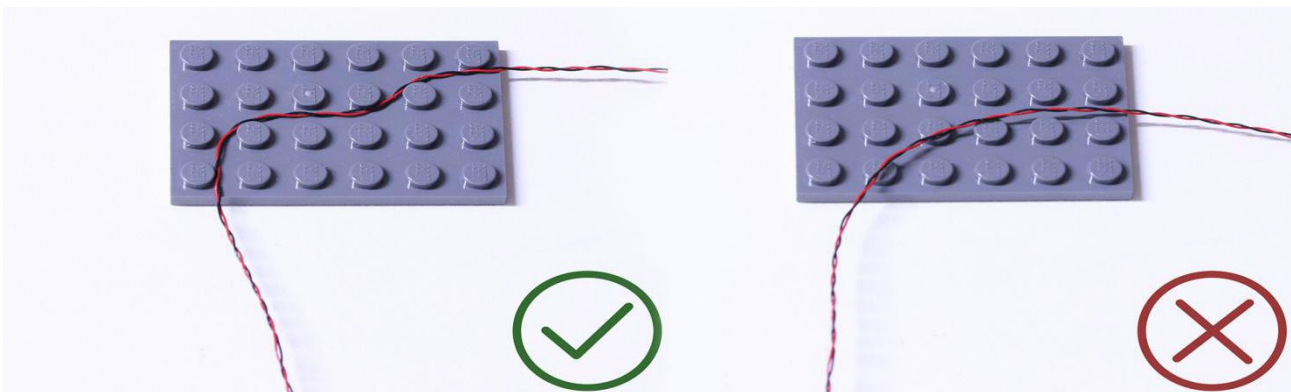
#### The Other:

- 11 X Adhesive Squares

### Note:

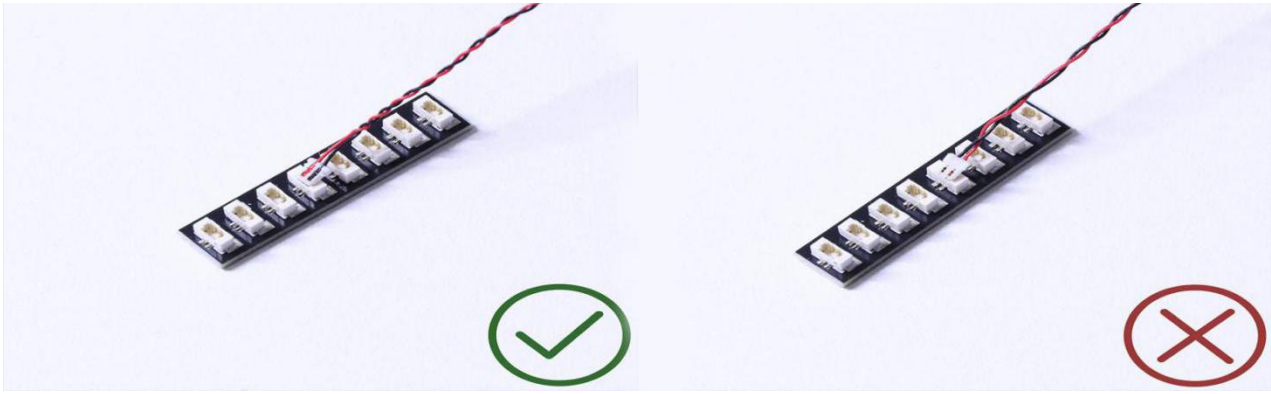
Place wires on the surface or under the LEGO building blocks.

The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.

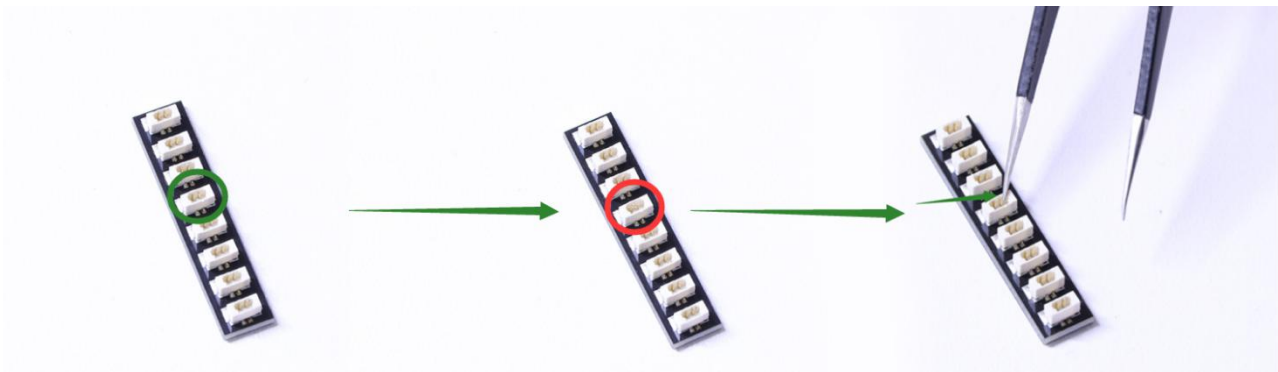


Insert the connectors to the ports.

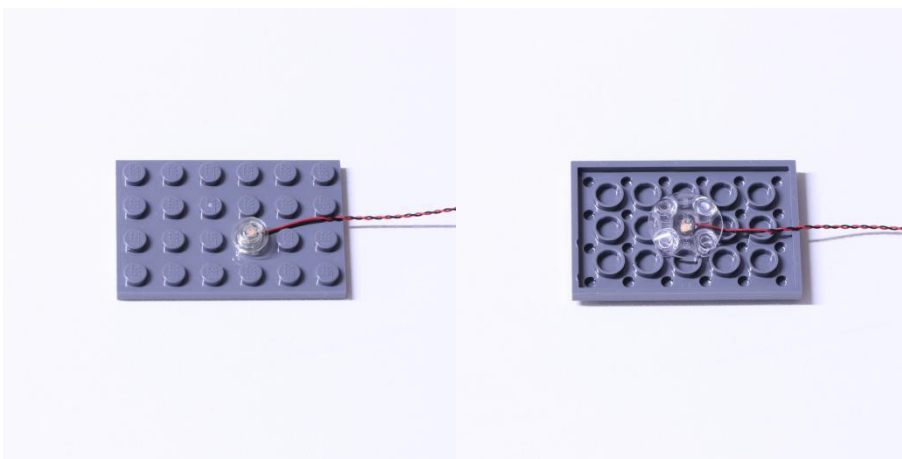
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bent pins.

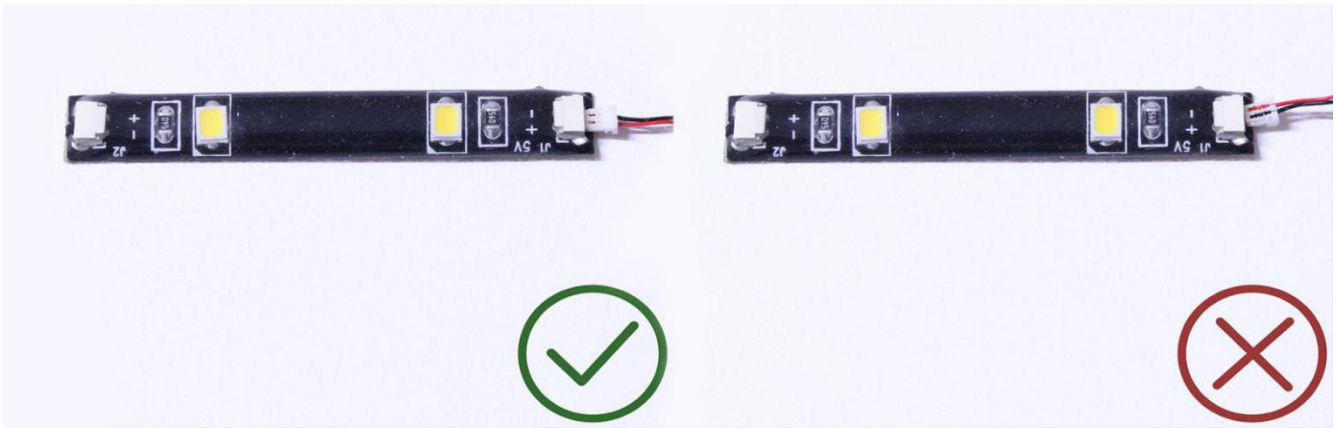


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

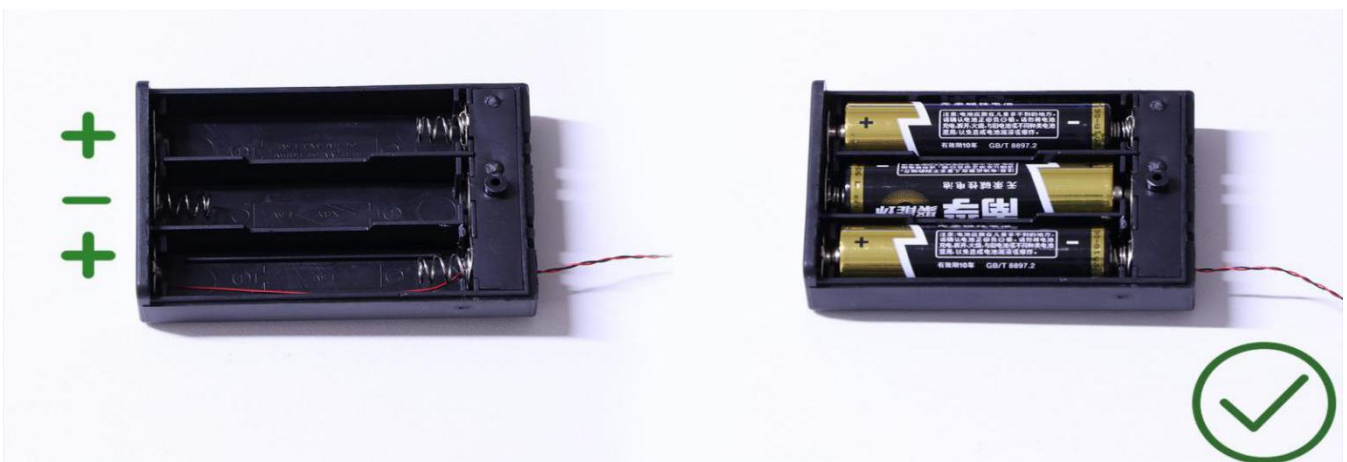


## Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.

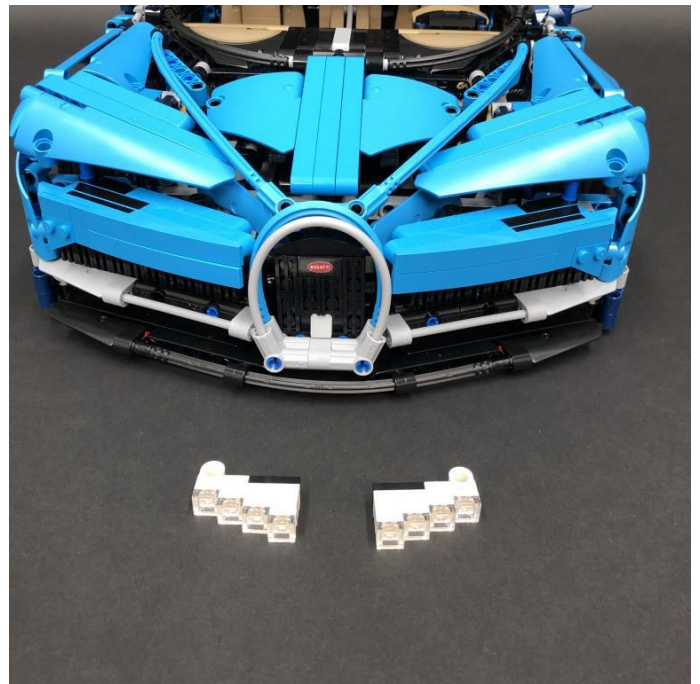
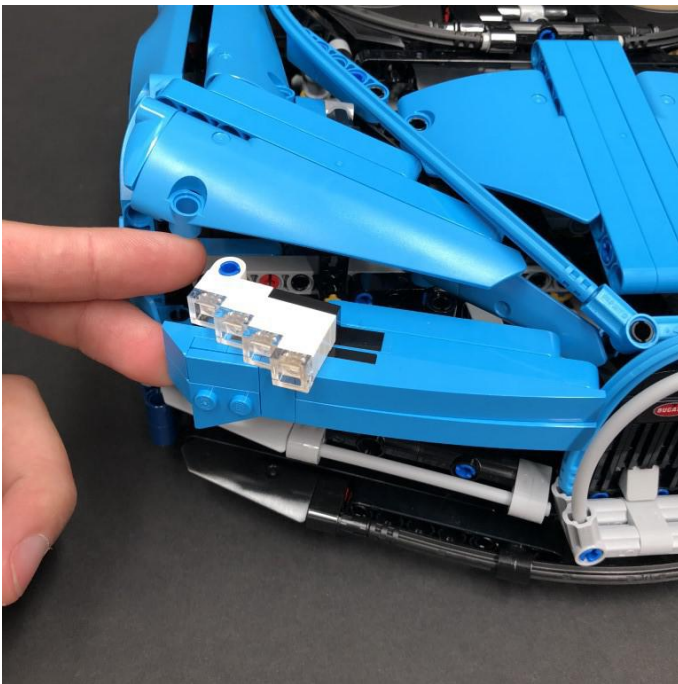
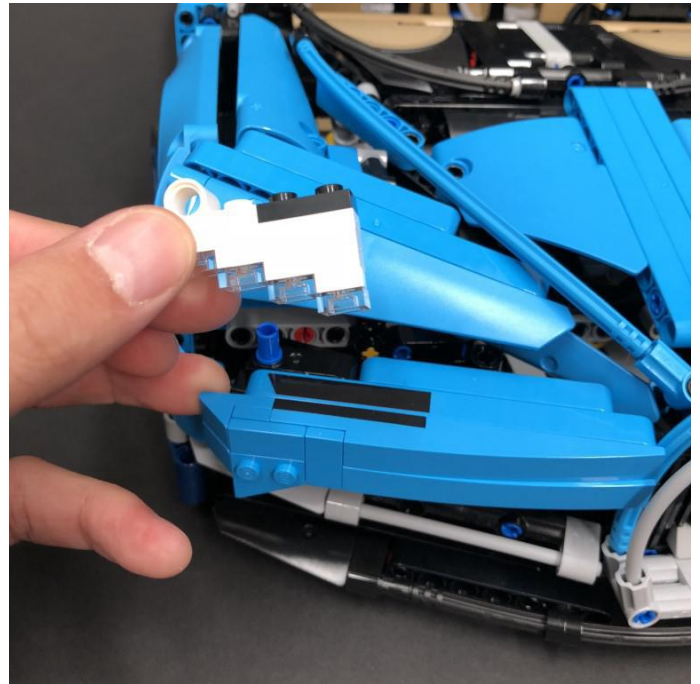


OK, Let's Begin!

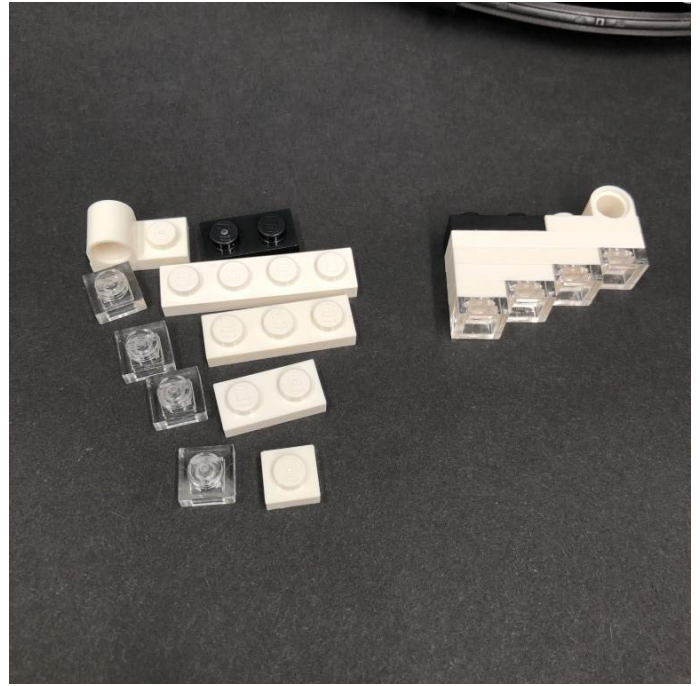
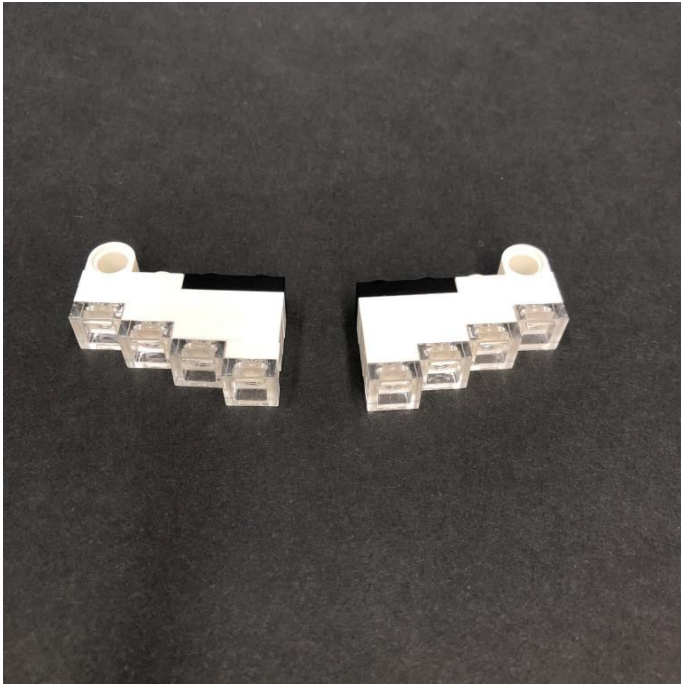


## Instructions for installing this kit

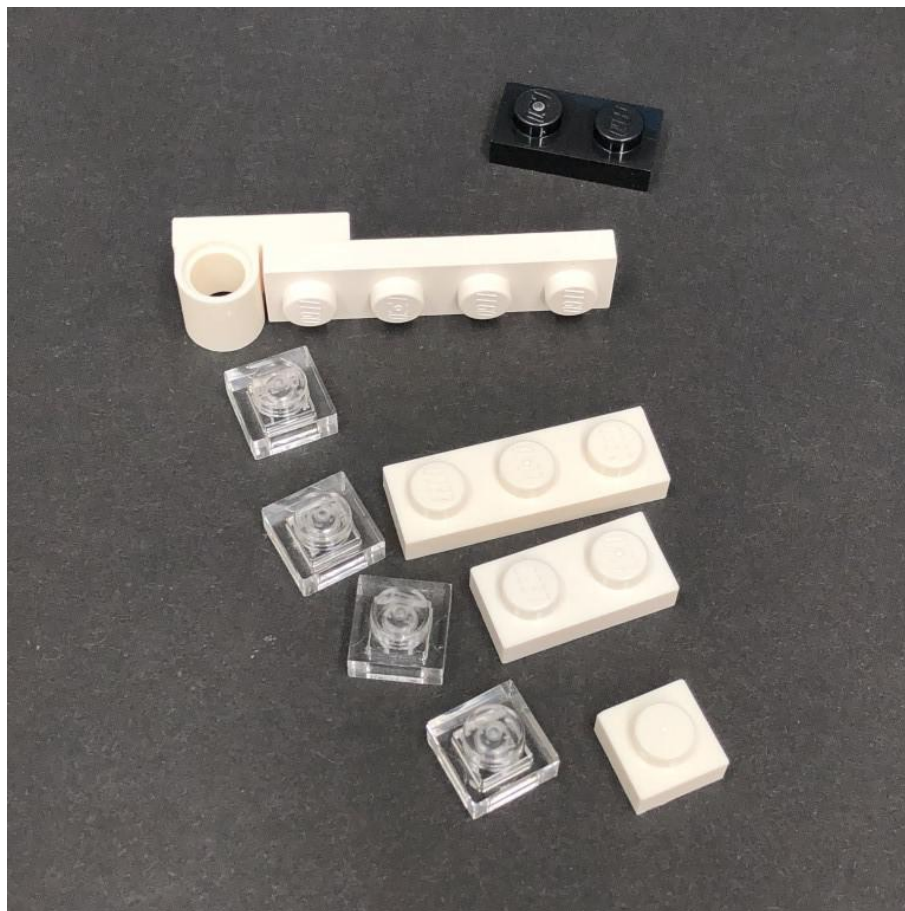
1.) We will start by installing lights to the headlights. First disconnect the headlight sections from each side.



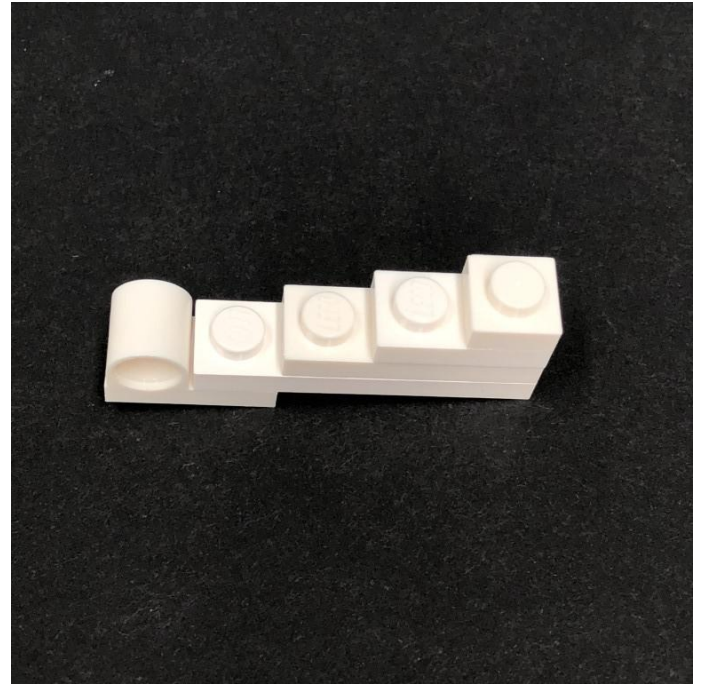
Disassemble pieces from the left headlight as per below



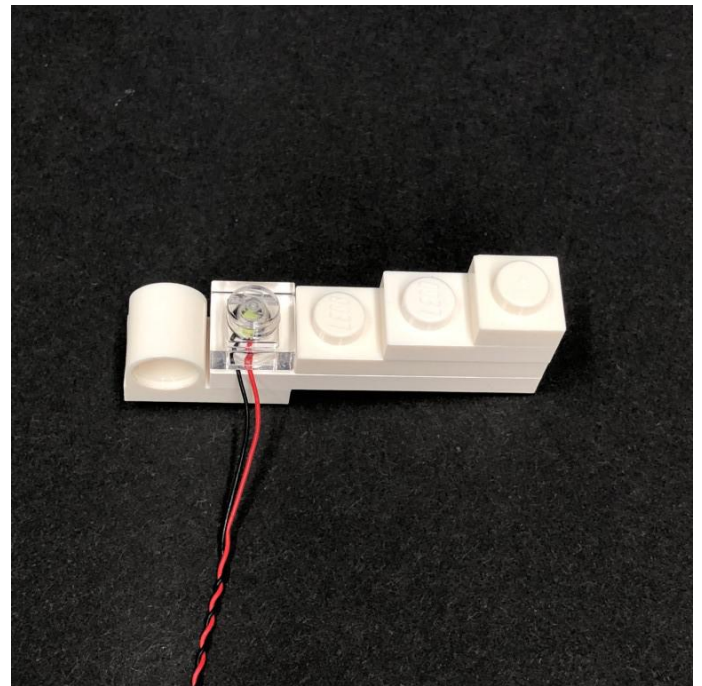
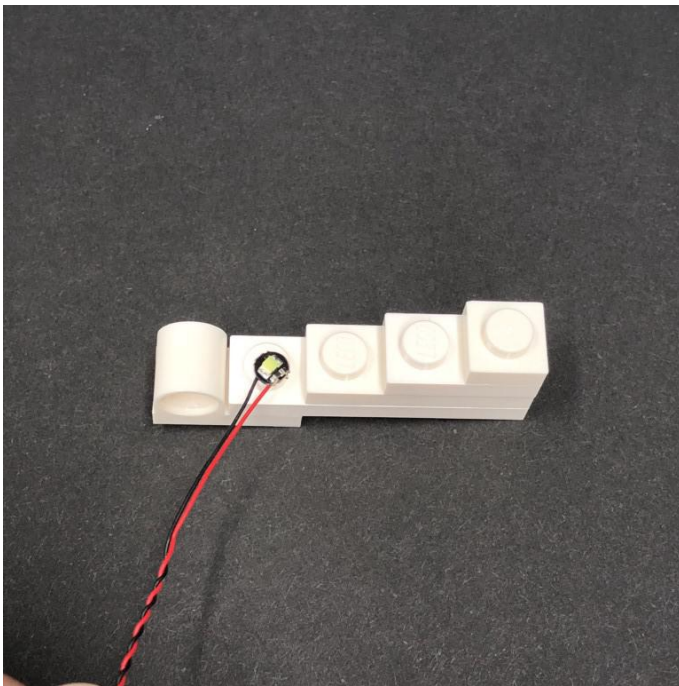
Follow the below images to rebuild the white pieces that make up the left head light section. We need to flip the studs over so that the trans clear plates are reversed to allow us to install our Dot Lights underneath each one.



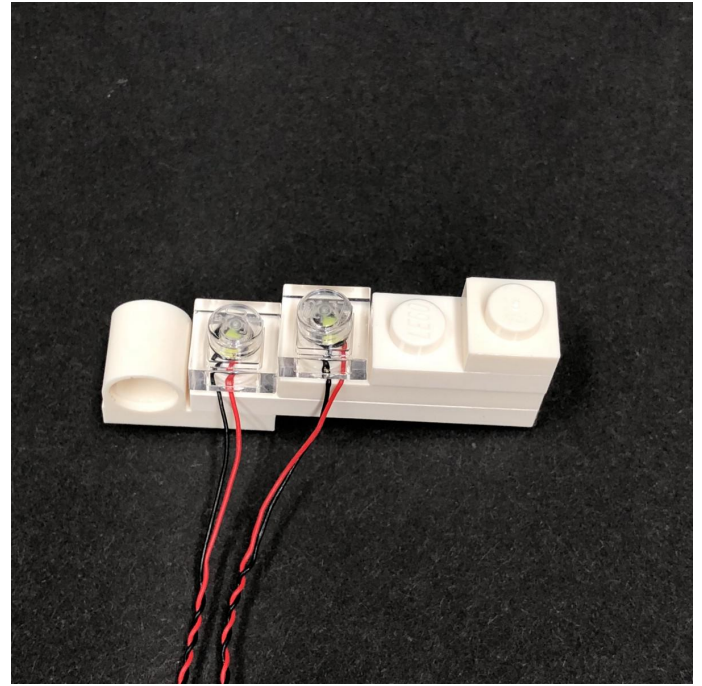
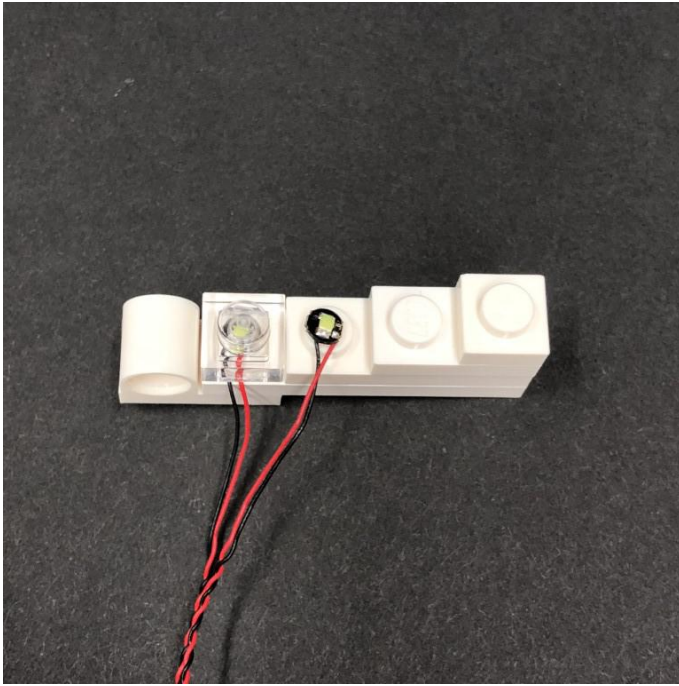




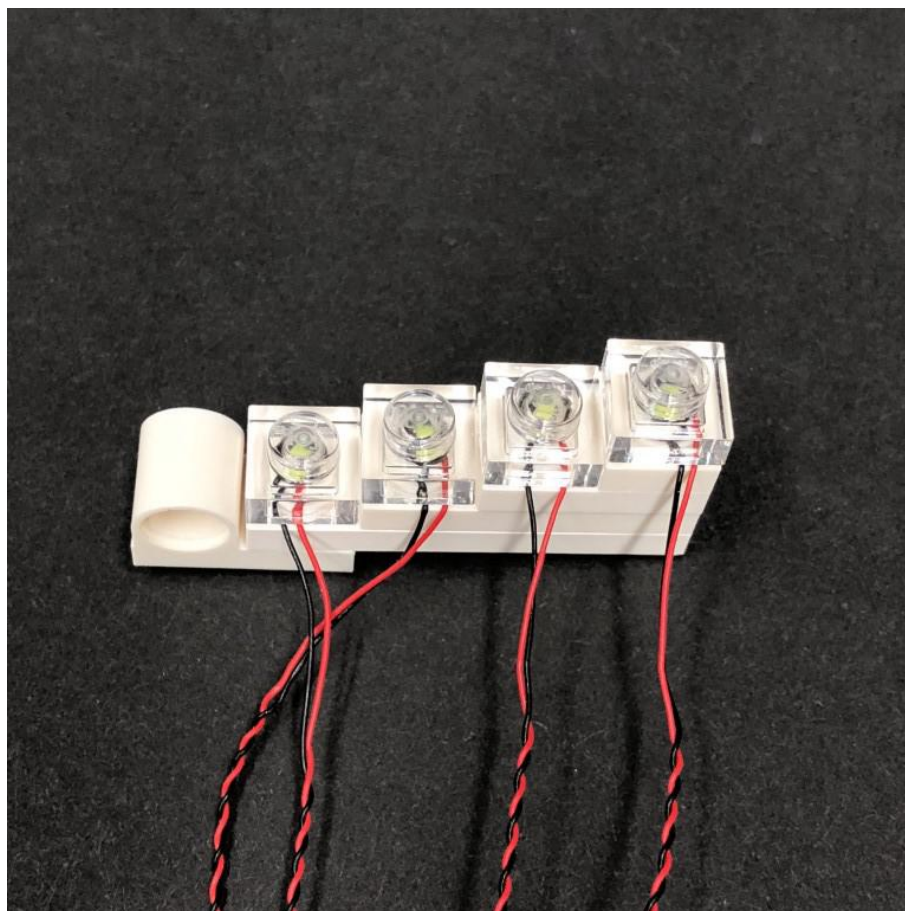
Take a Cool White 15cm Dot Light and with the cable facing down, place it over the far left stud as per below. Secure the Dot Light in place by reconnecting one of the trans clear plates over the top.



Take another Cool White 15cm Dot Light and place it over the next stud along. Secure the light in place by reconnecting another trans clear plate over the top.

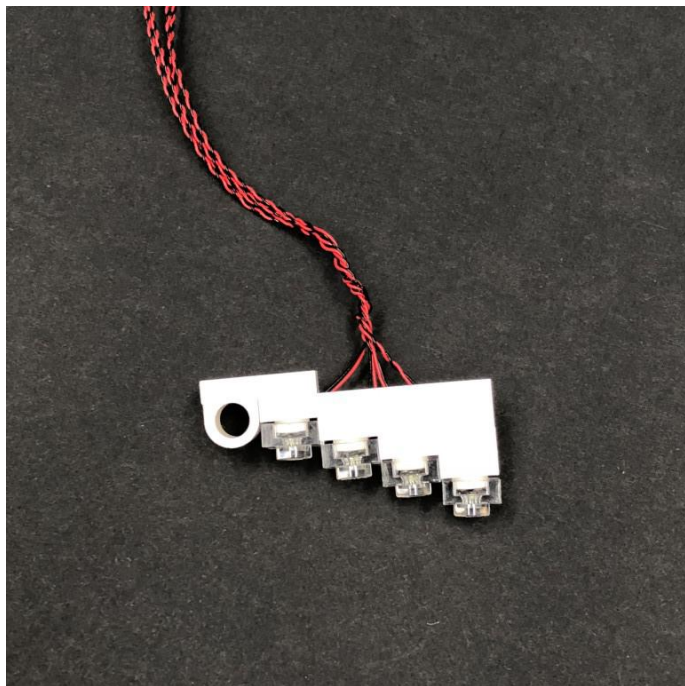
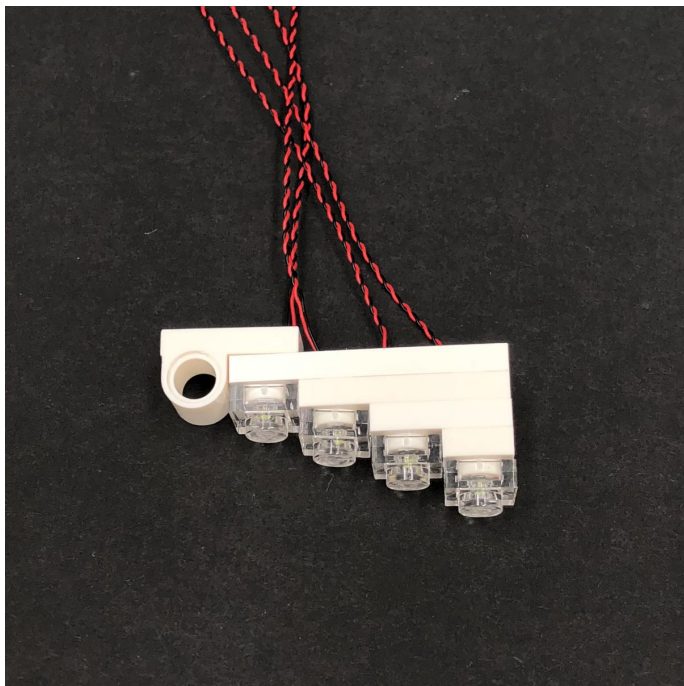


Follow the same process to install another 2x Cool White 15cm Dot Lights to the rest of the left headlight.

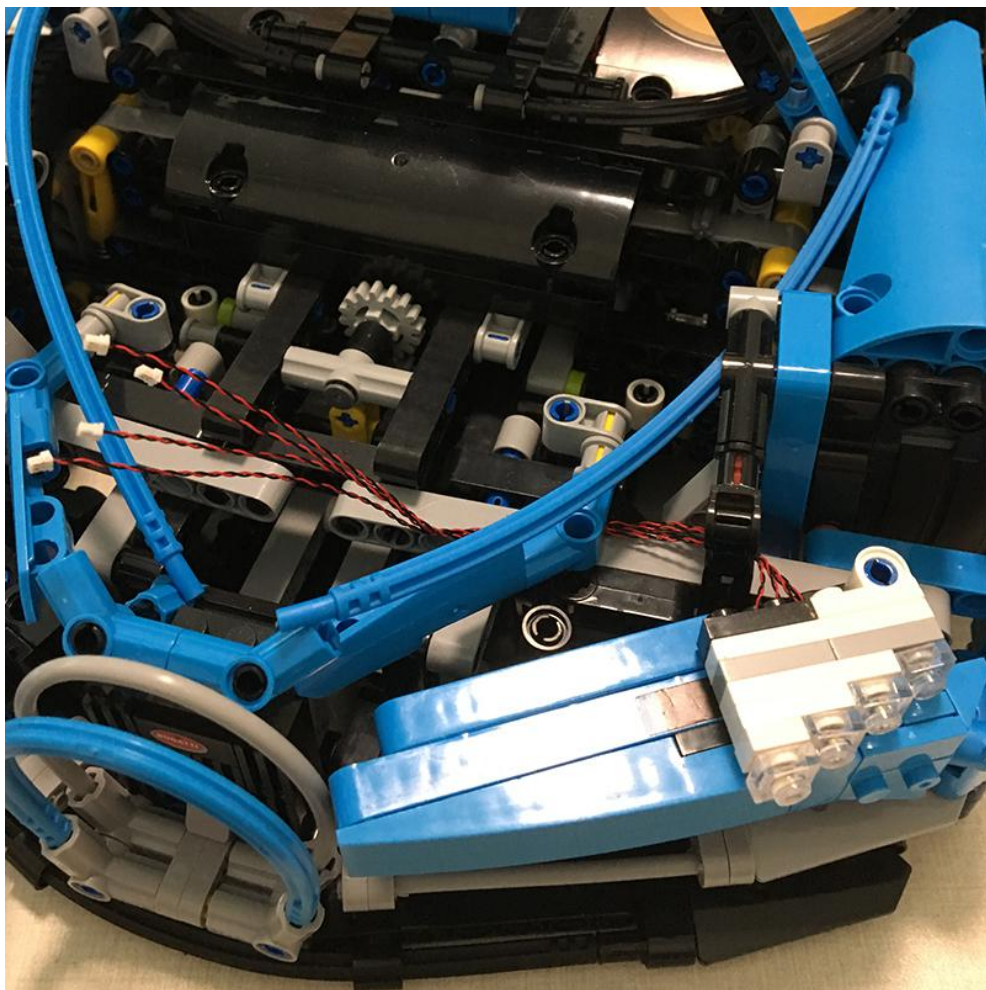


Turn the headlight section over so that it is facing forward. Group all the cables together and twist them around each other. Screw the lamp grain into a strand



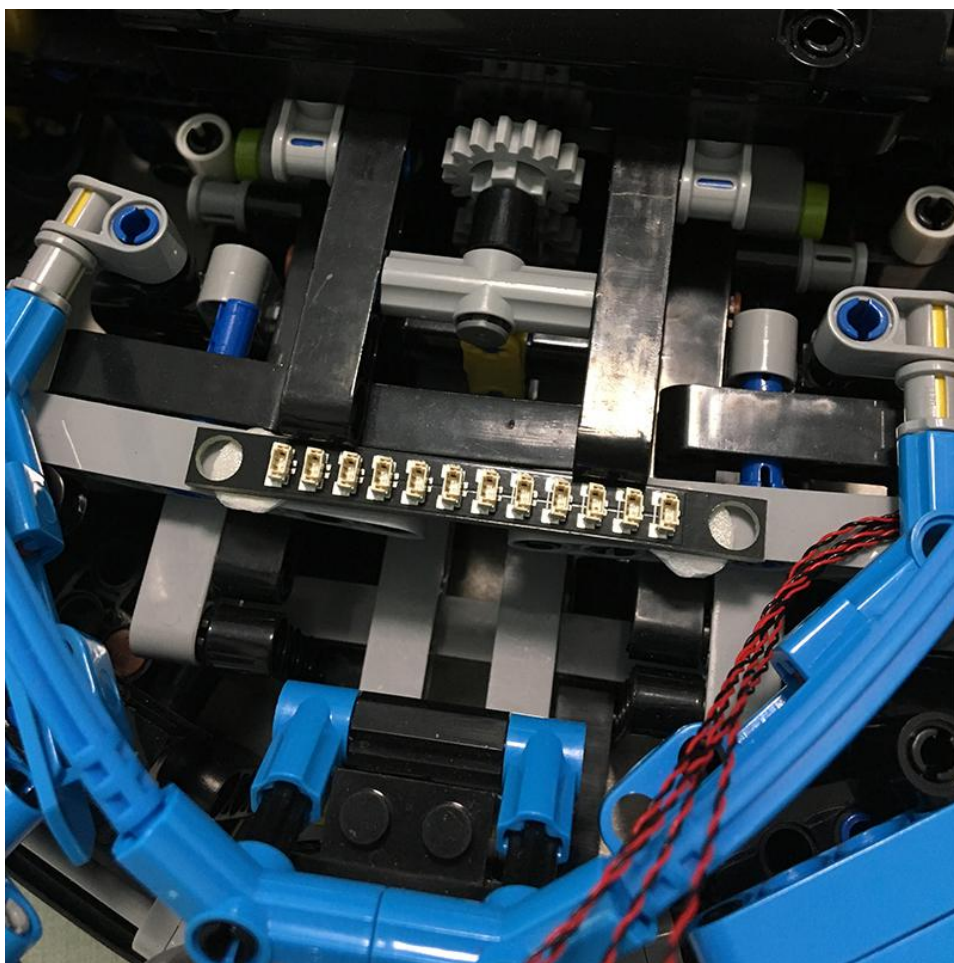


Restore the headlights and route as shown below



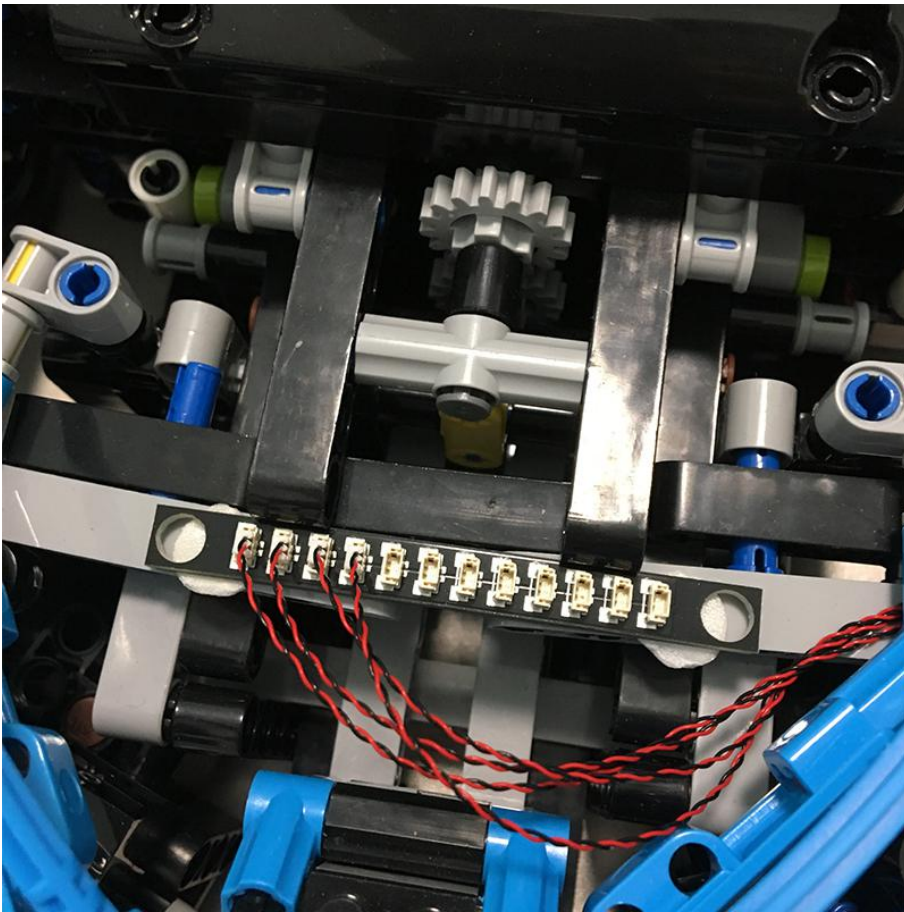
Take out the 12-port Expansion Boards and double-sided tape, as shown below



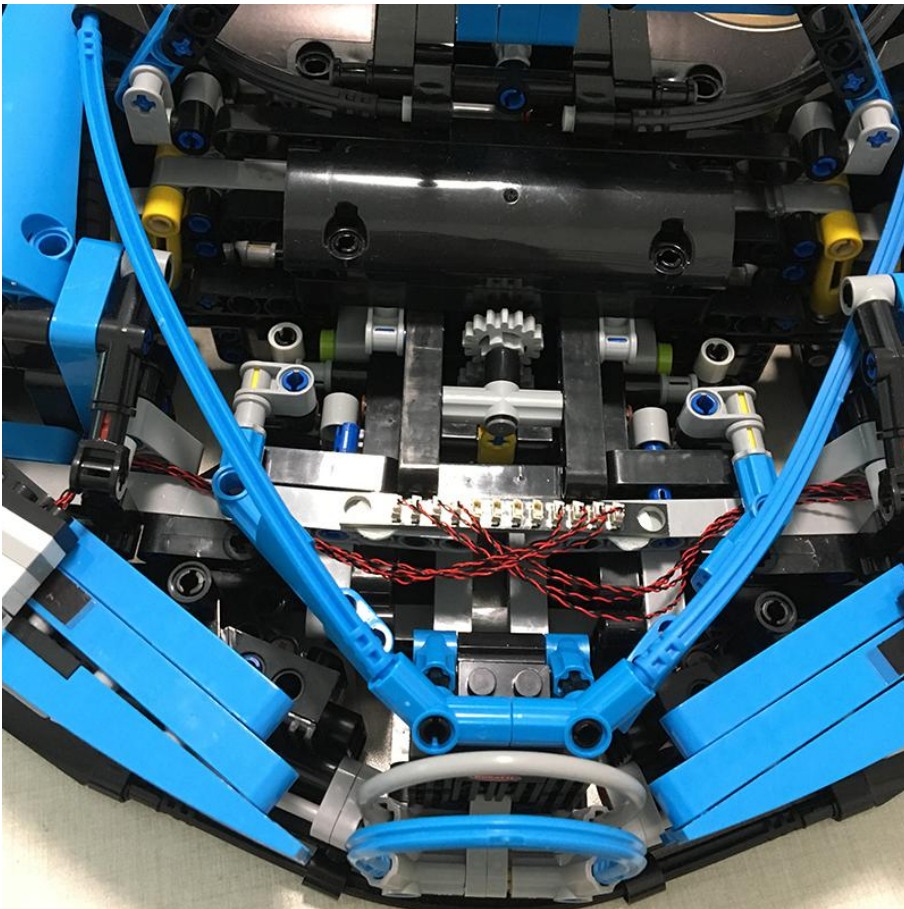


The light connects Expansion Boards is as shown, please pay attention to the direction of the light particle socket





The other side of the headlights are the same, as shown in the figure

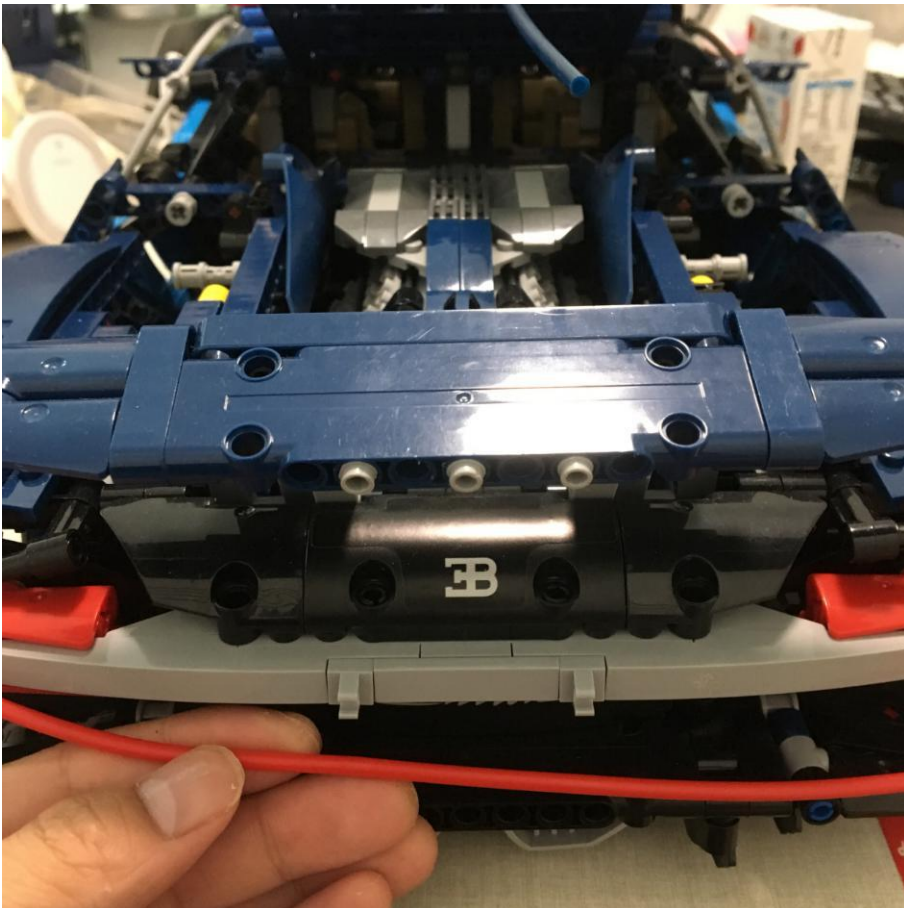


Install the battery case and connect it to the 12-seat socket and test it!

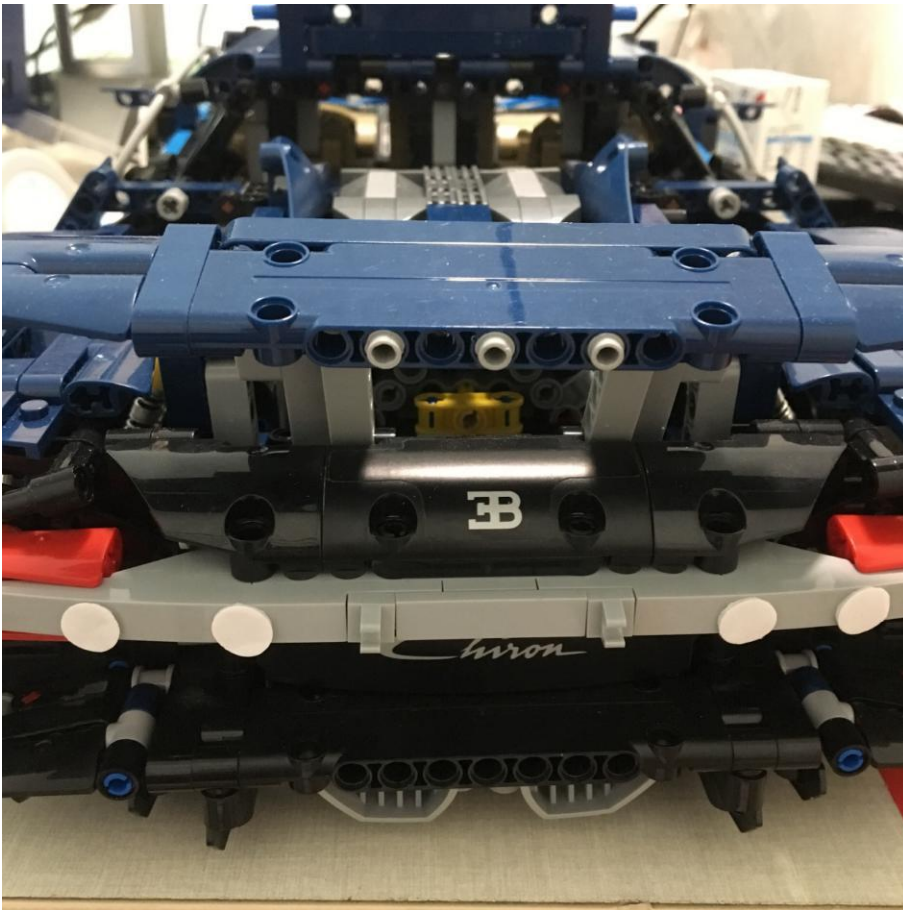




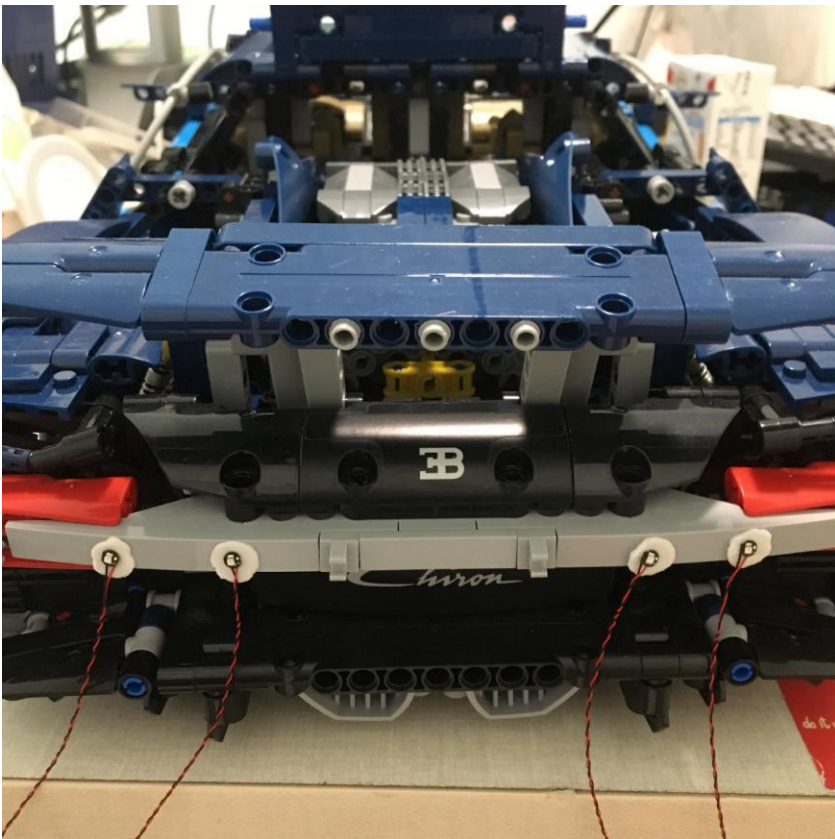
Install taillights and roof lights  
Remove the accessories as shown



Attach 4 pieces of double-sided tape, as shown below

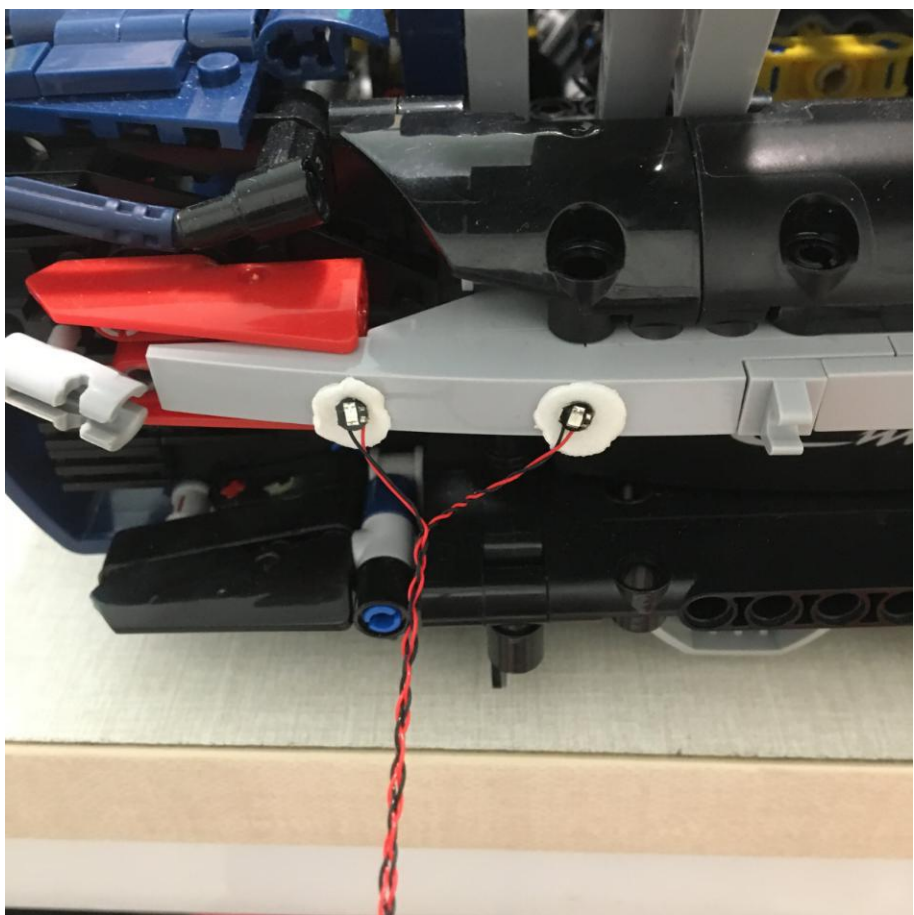


Take out 4pcs 30cm Red Dot Light as shown

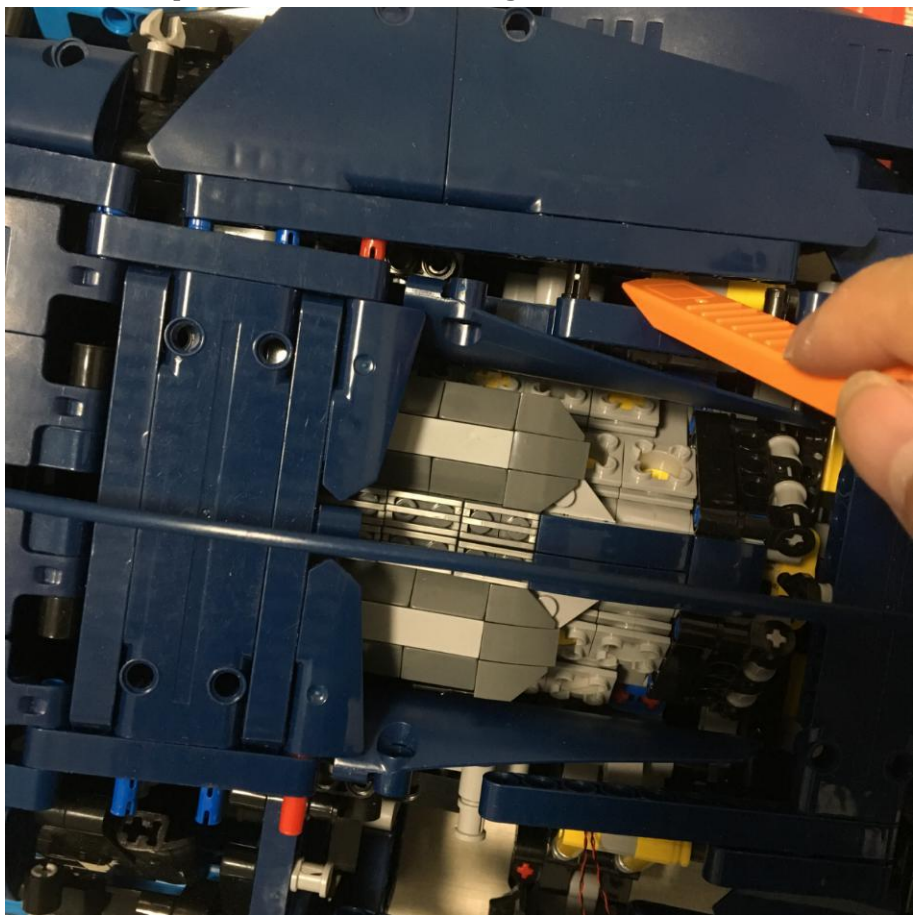


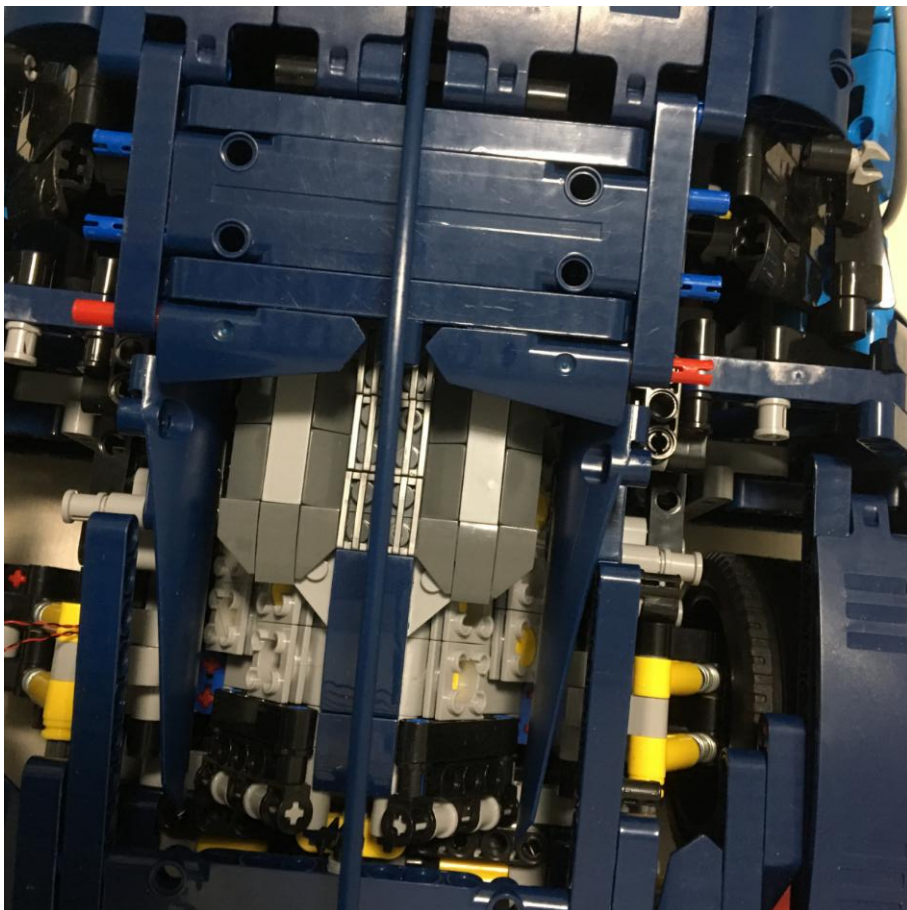
2 wires are wrapped around each other for easy rear wiring, and the other side is the same



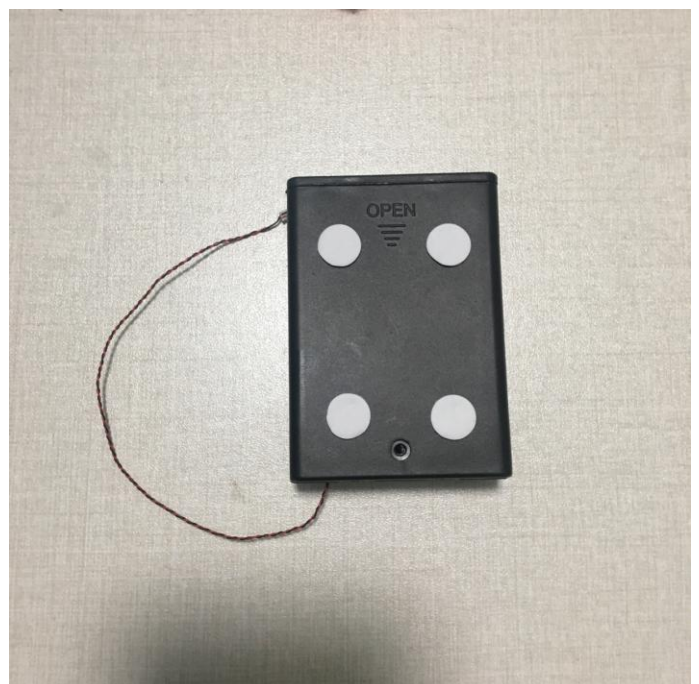
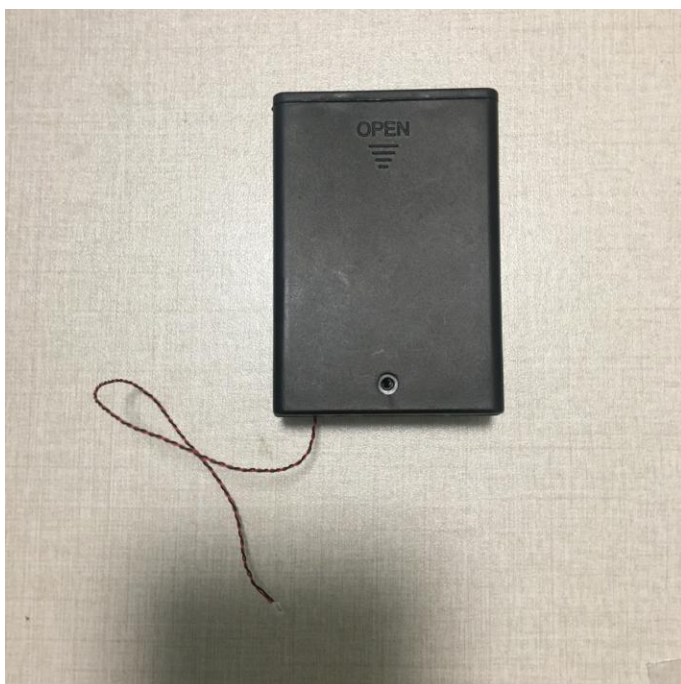


Remove the pieces as shown in the figure

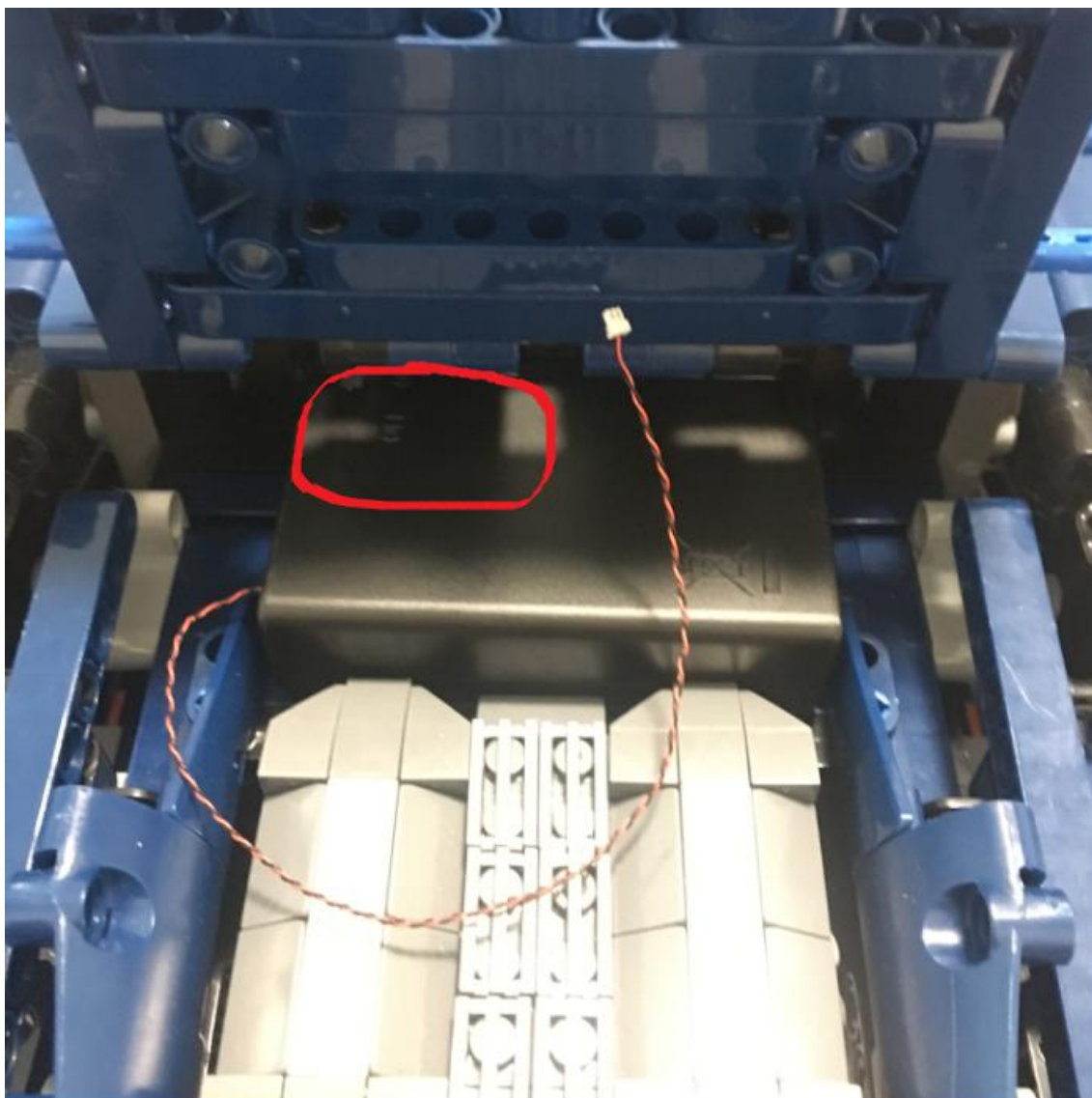




Remove the battery case and double-sided tape and put it in the car, paying attention to the battery case opening up and facing inside

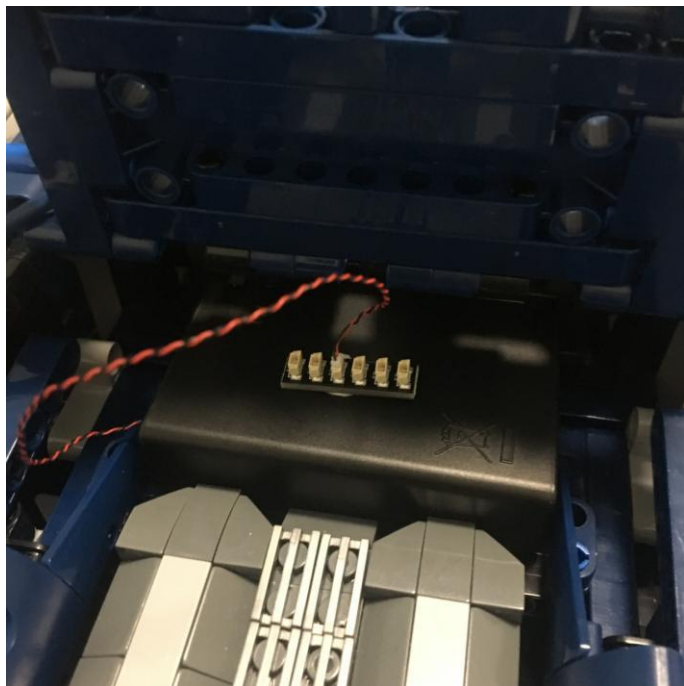
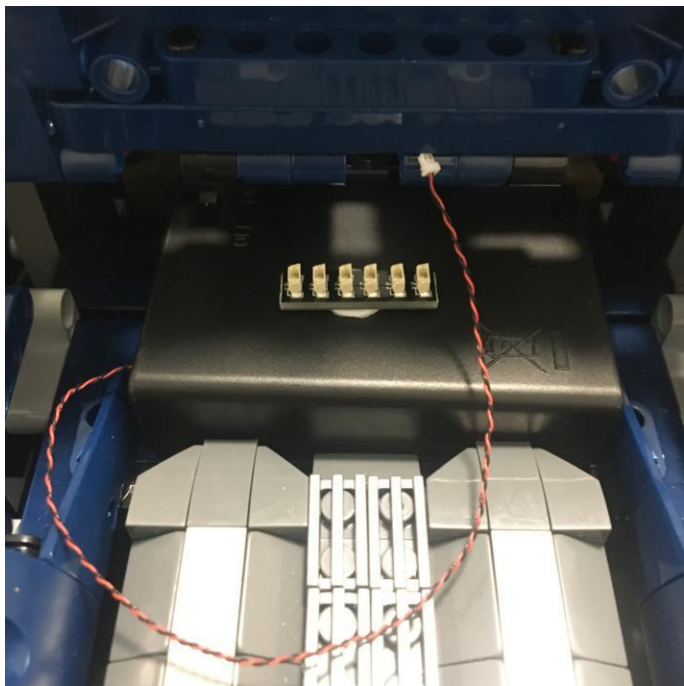




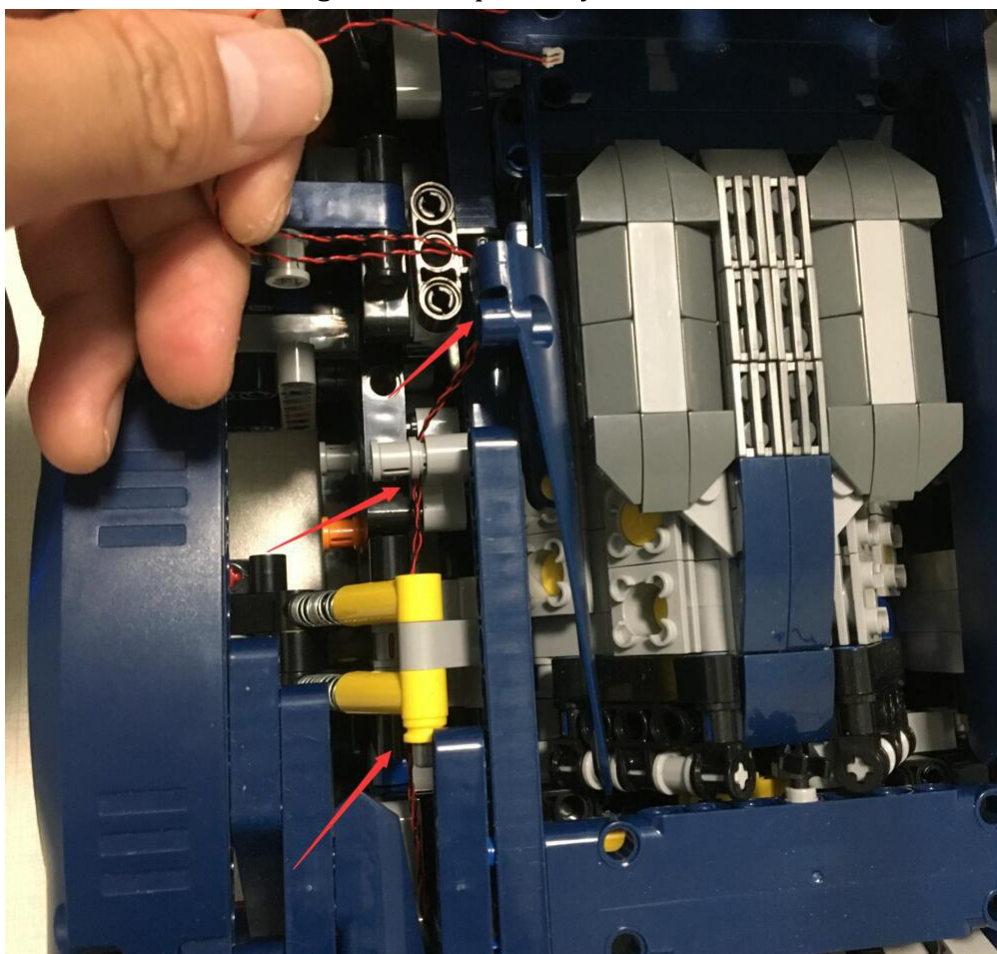


Take out the 6-port Expansion Boards, glue it to the battery case with double-sided tape, and then connect the battery case to the socket.



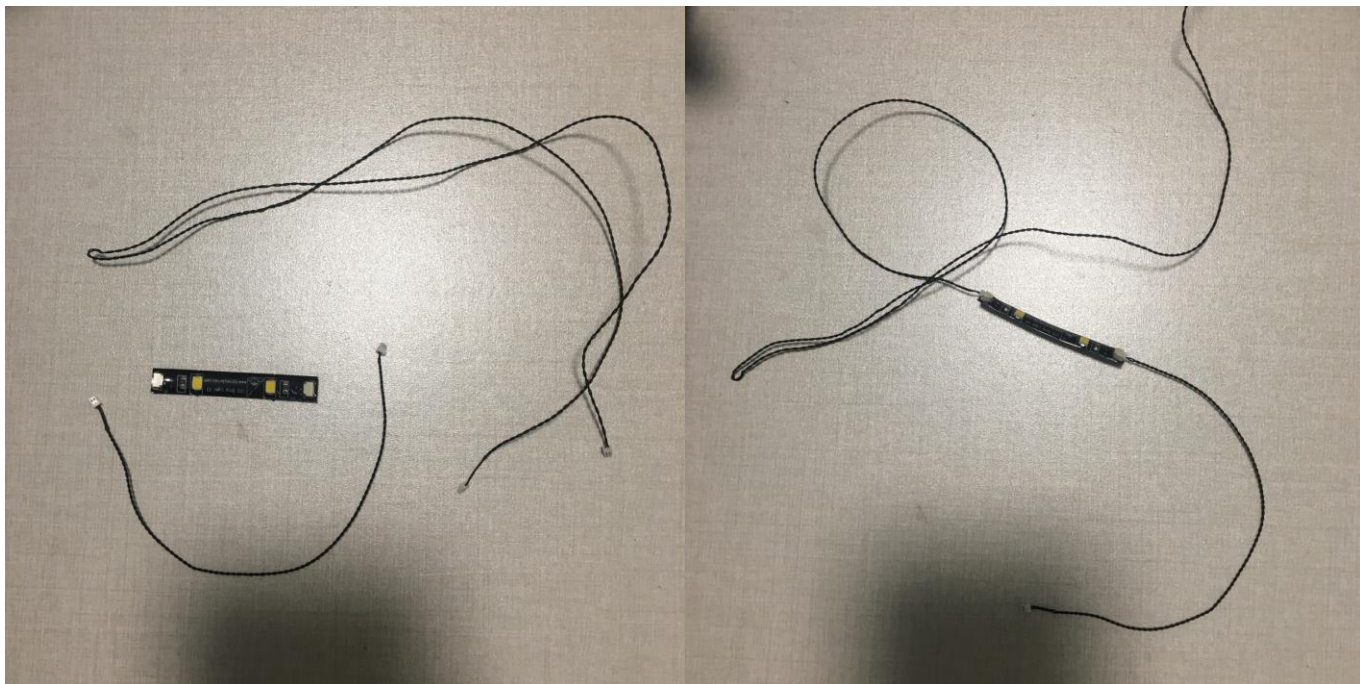


The line of the tail light is worn near the battery box as shown in the figure. The other side is the same, and then the four tail lights are respectively connected to the base.



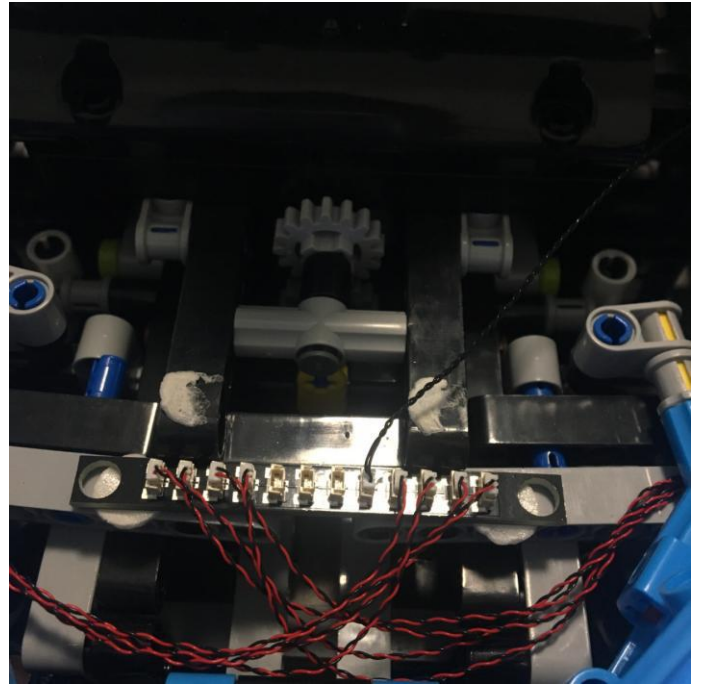
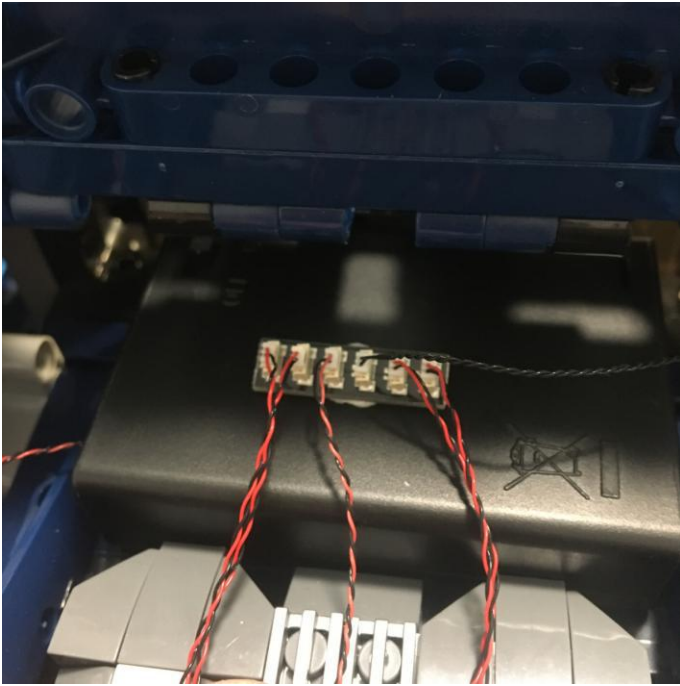
Take out the warm white strip light, 15cm connecting cable, 30cm connecting cable, and connect the two cables to the light bar 2



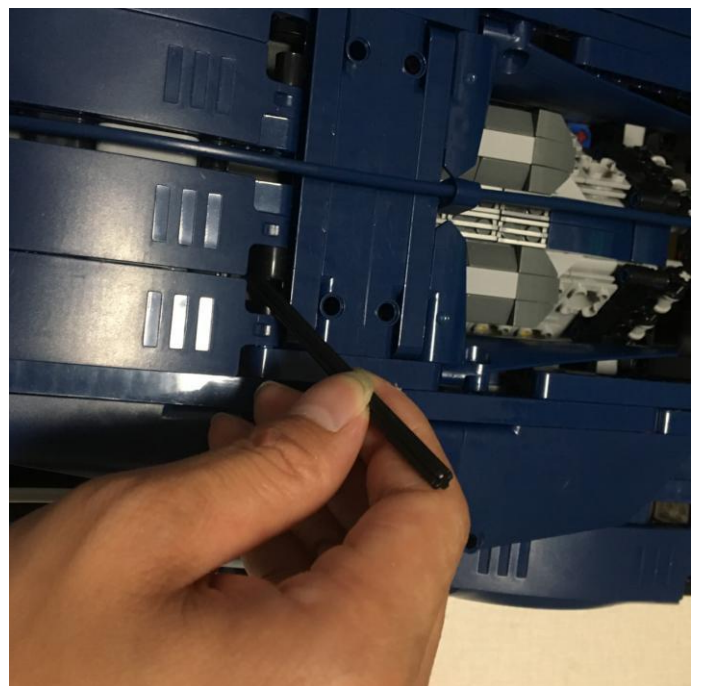


Uncover the film on the back of the light bar, stick the light bar to the top of the middle of the car, the end of the 15cm cable is passed from the back of the seat to the battery box and connected to the 6 seat socket. The 30cm cable wraps the front window bar to the front and connects to 12-seat socket





The switch is shown as shown in the figure. It can be opened or closed with some elongated objects.



The entire lighting installation is complete



