

RALLY CAR #42077 Basic Version

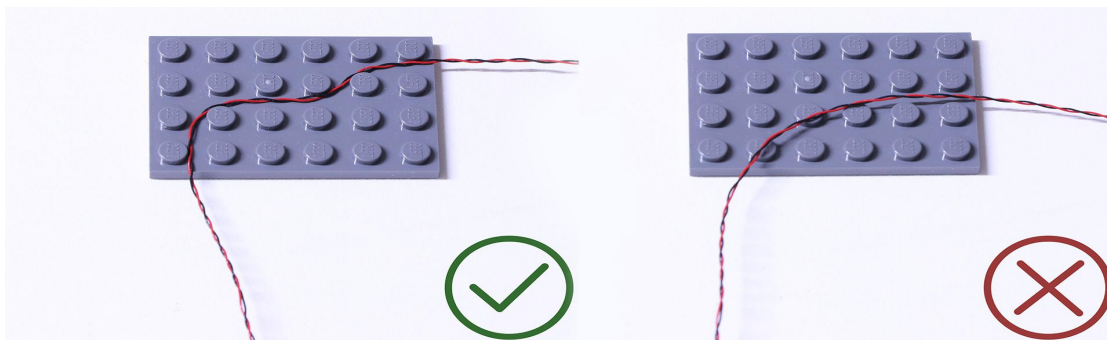
Package contents:

- 1 X 12-Port Expansion Boards
- 1 X AA Battery Pack
- 4 X Warm White 30cm Dot Lights
- 4 X White 30cm Dot Lights
- 1 X 15cm connecting cable
- 1 X Warm White Strip Light
- LEGO Pieces、Adhesive squares

Note:

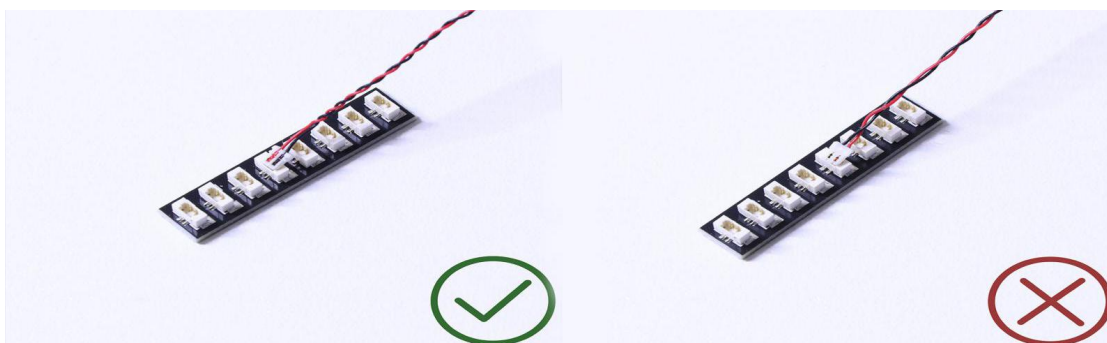
Place wires on the surface or under the LEGO building blocks.

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

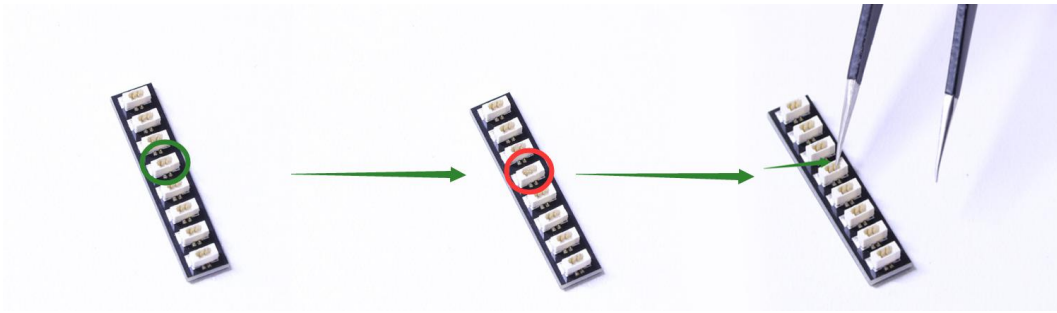


Insert the connectors to the ports.

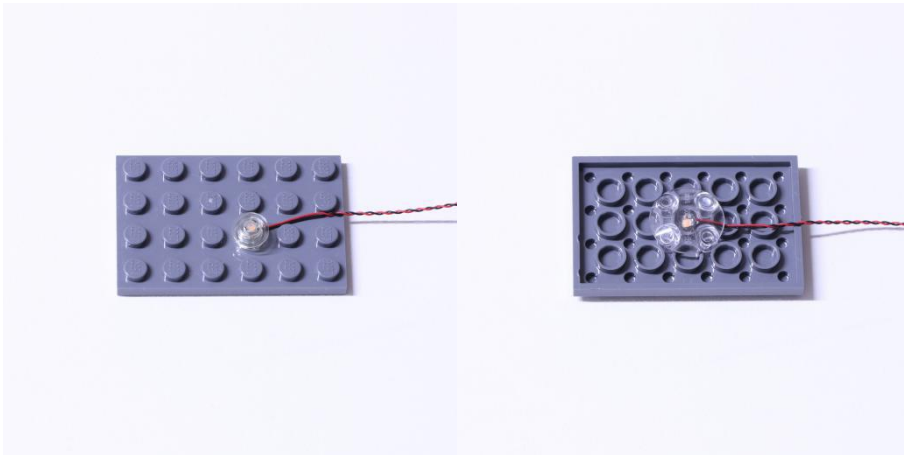
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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.

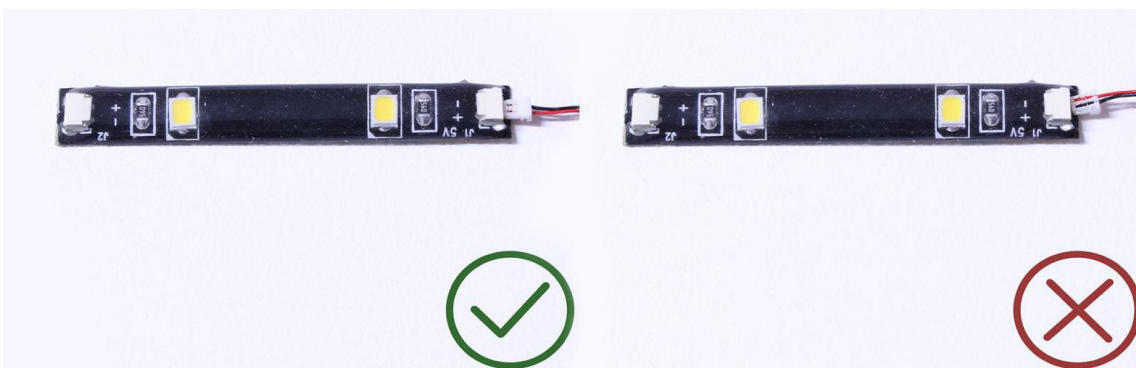


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

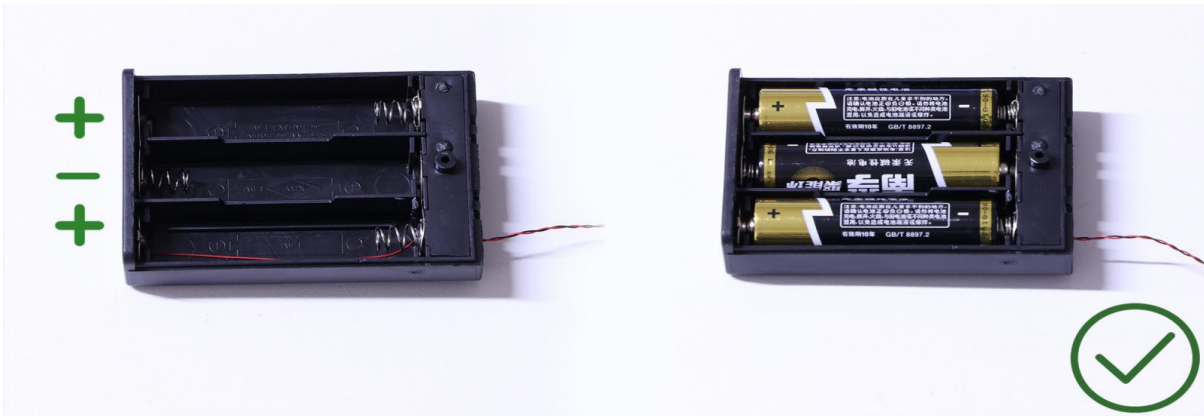


Connecting cable connectors to Strip Lights

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.



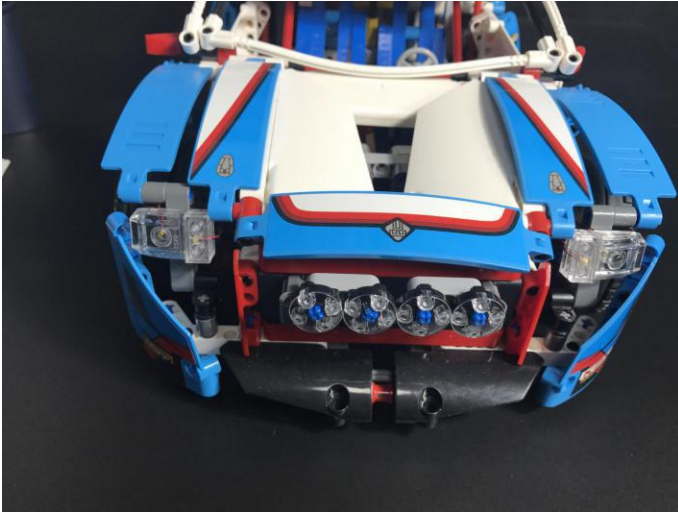
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.



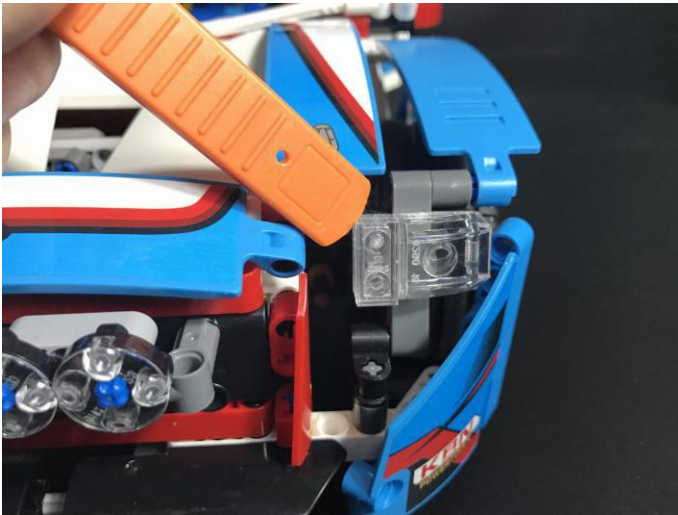
OK, Let's Begin!

Instructions for installing this kit

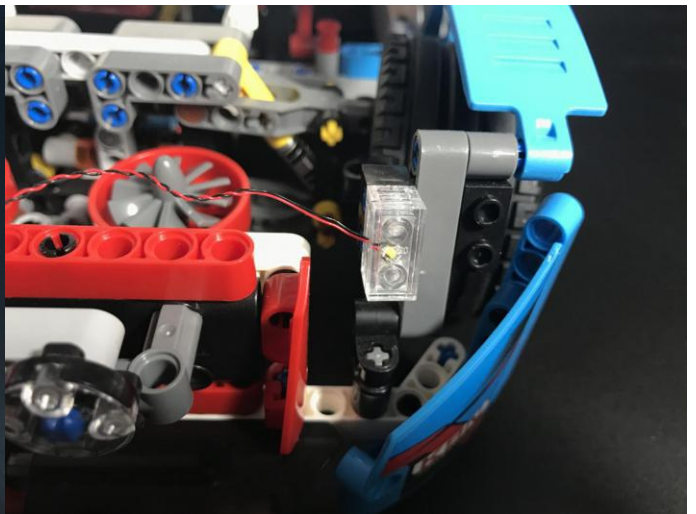
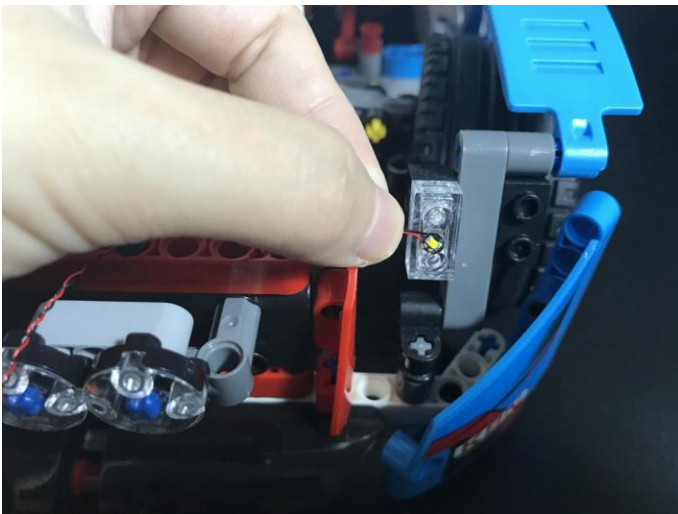
Start from the headlights of the car! Take 2 Warm White 30cm Dot Lights



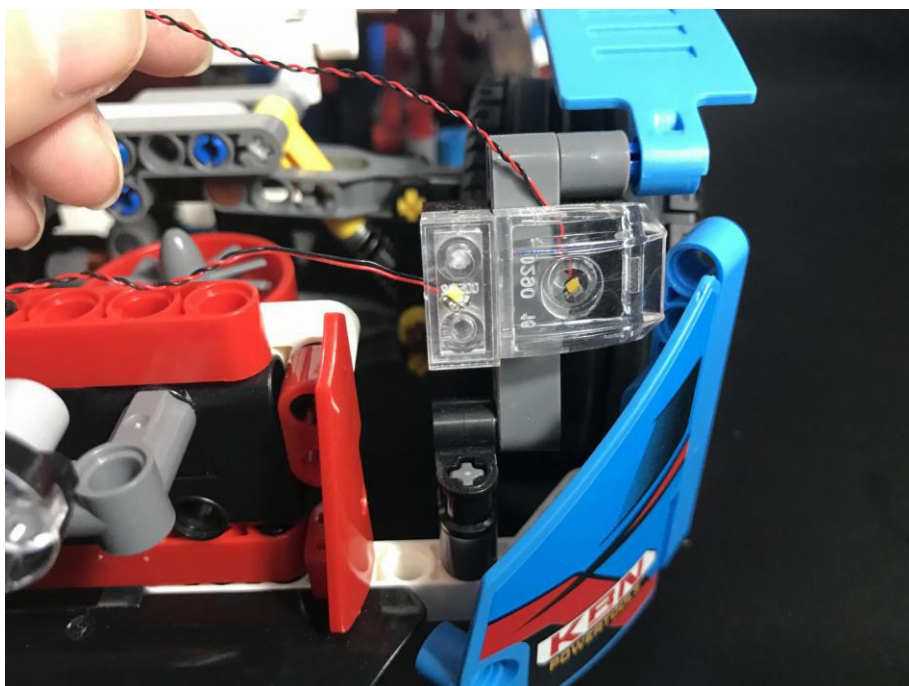
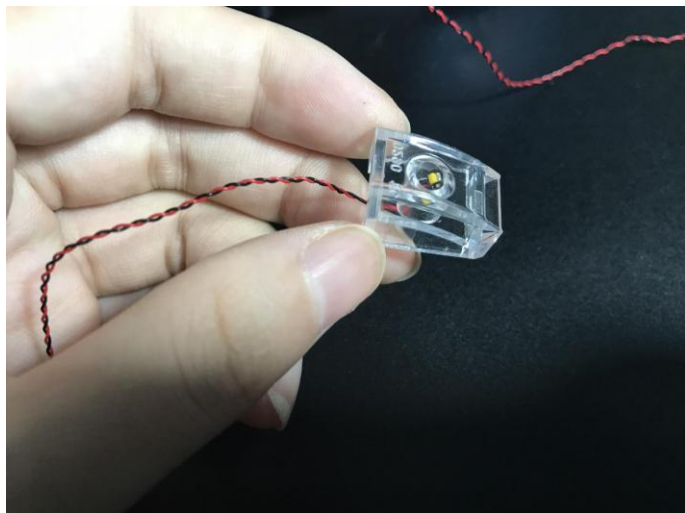
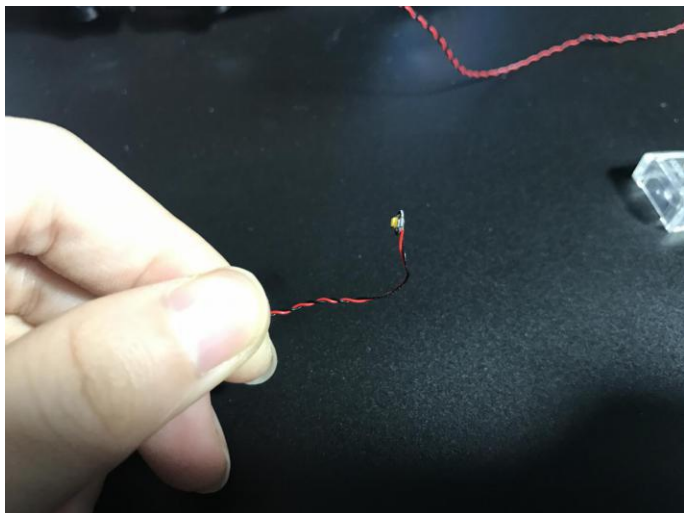
Remove the 2 trans pieces at the right side



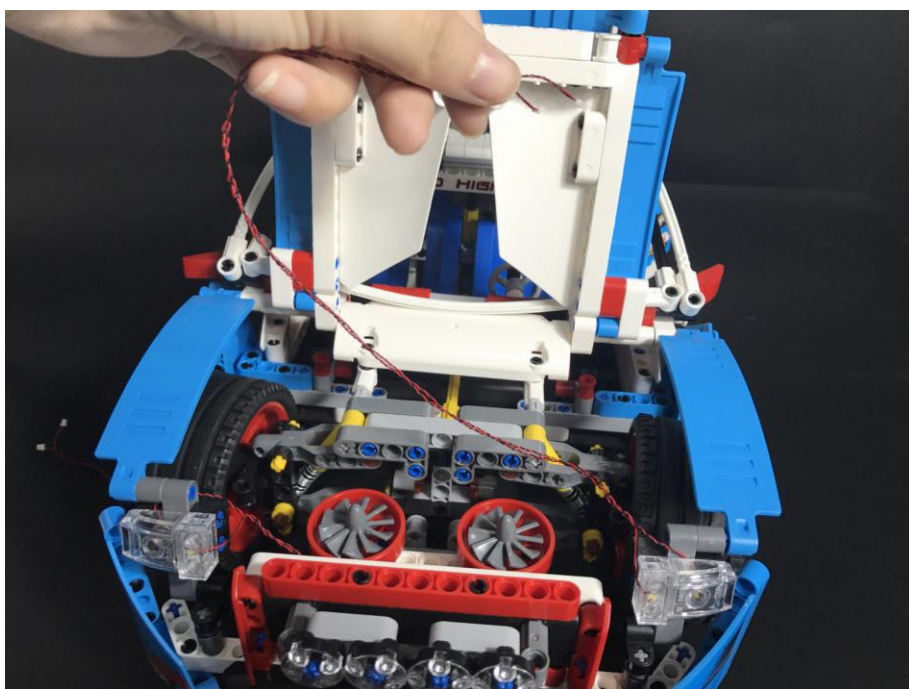
Open the bonnet, take a dot light, secure it in place by connecting the 1x2 trans piece over it, with LED component facing up.



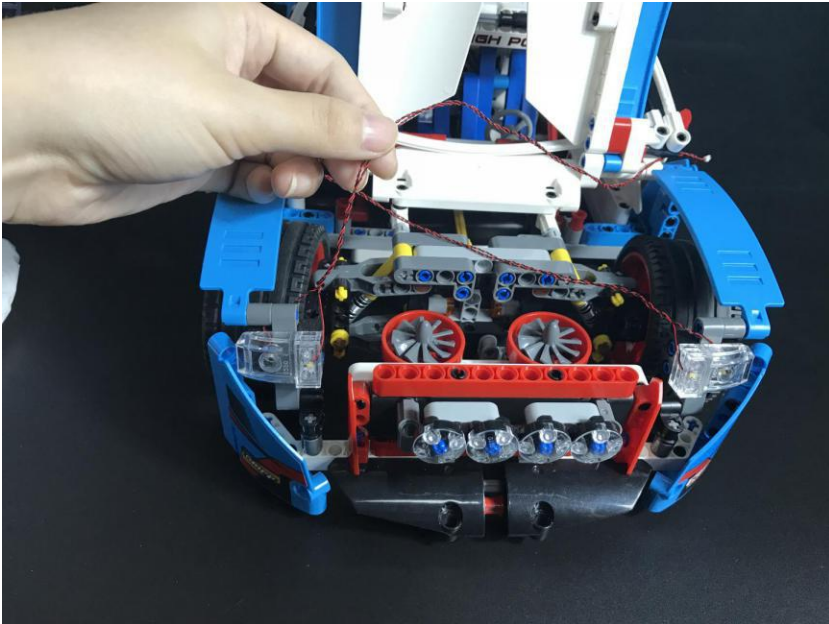
Take the other dot light, bend the side with the LED component up in a 90 degree angle before connect it the headlight.



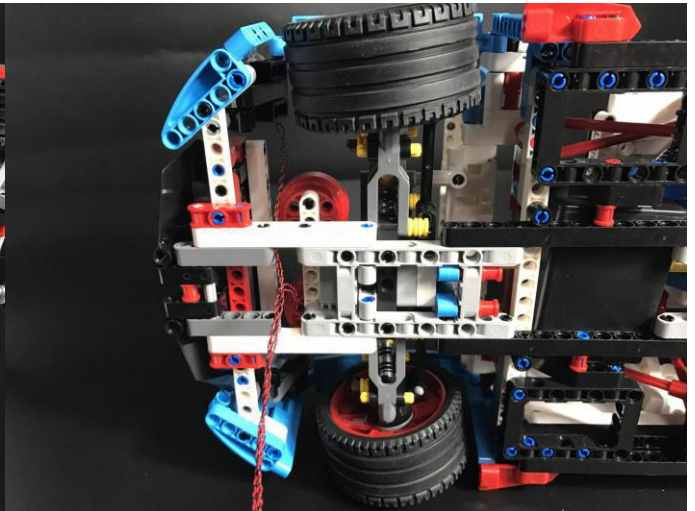
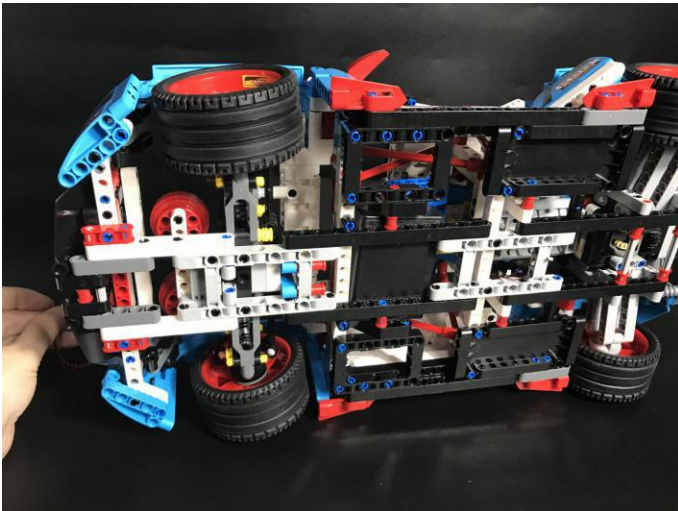
Twist the 2 cables into one, now, the installation of the right headlights is completed



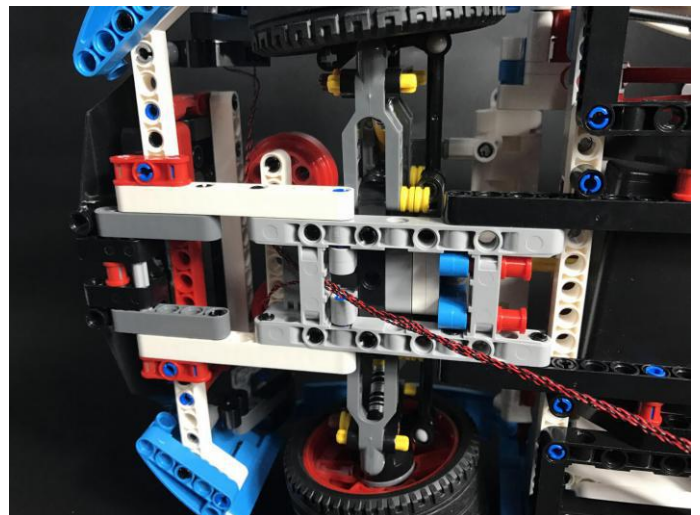
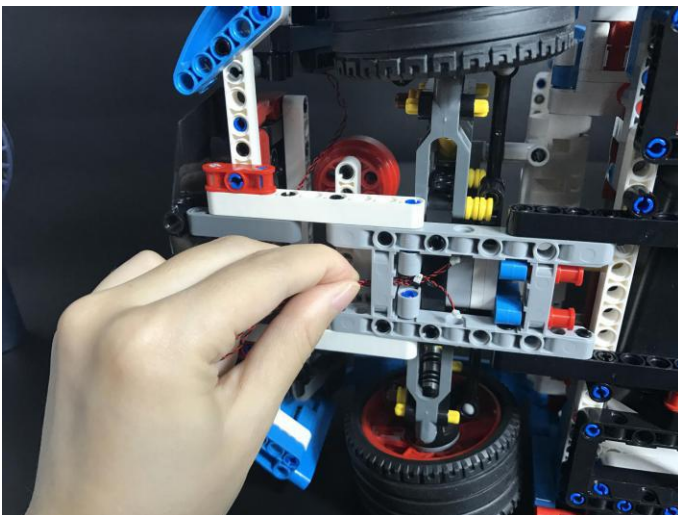
Repeat the above steps for the left headlights

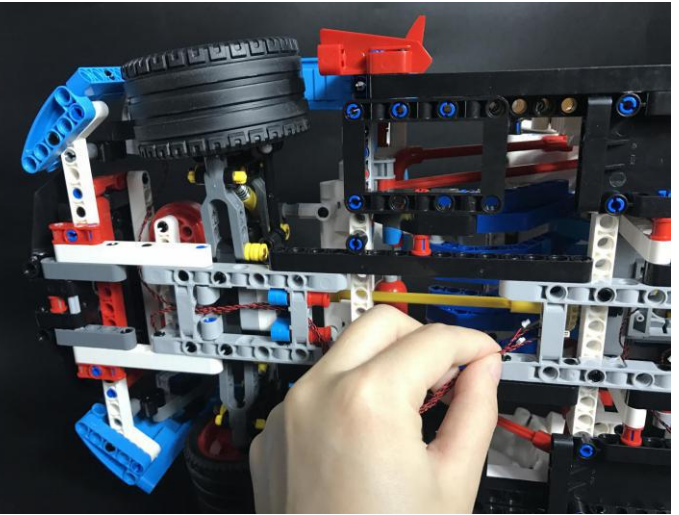
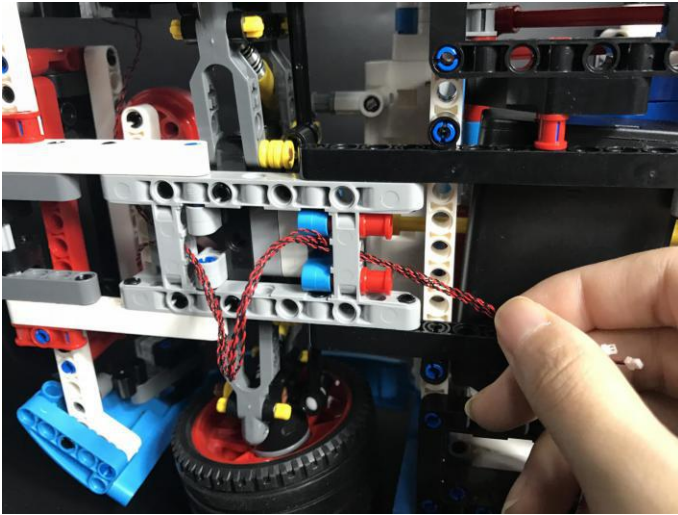


Turn the car over, pull the cables to the underneath

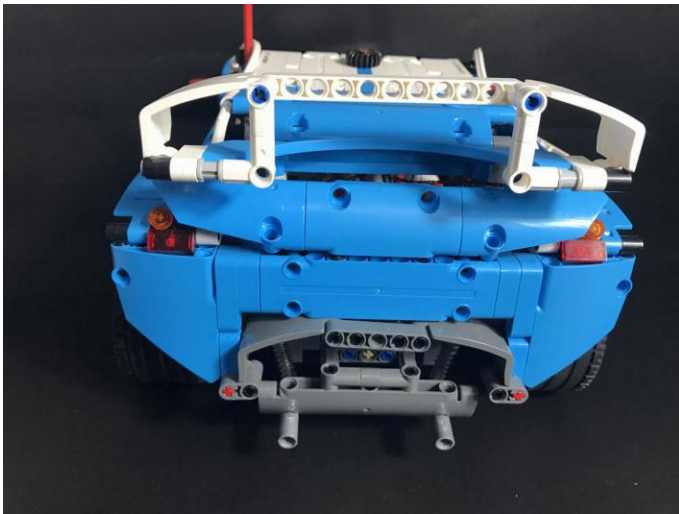


Thread the cables through the 2 gray holes at the bottom of the car

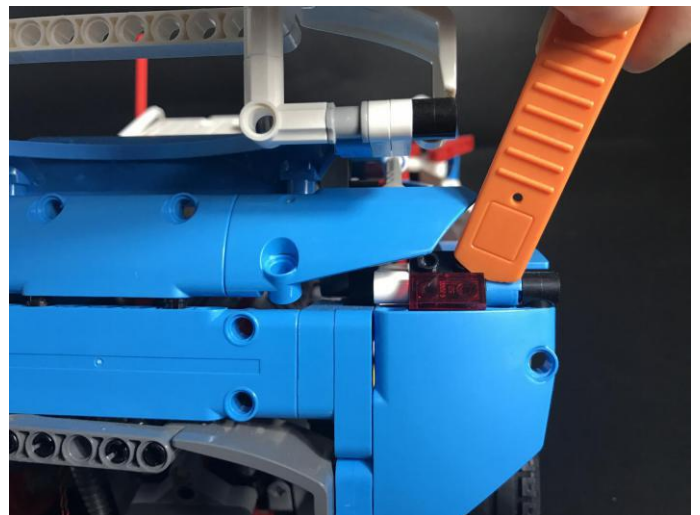
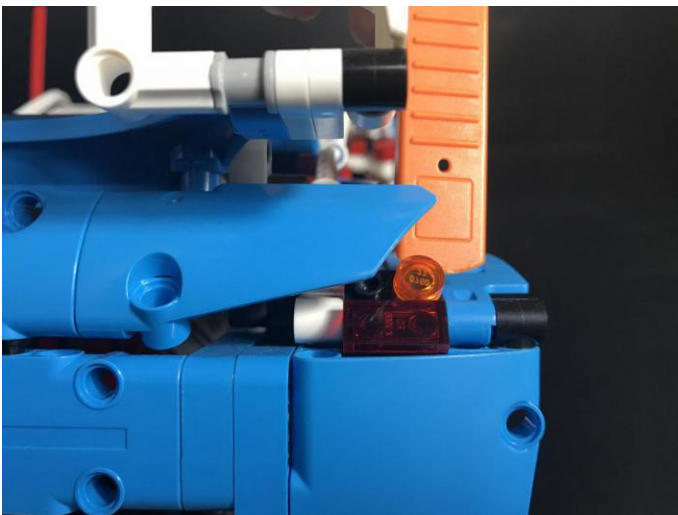


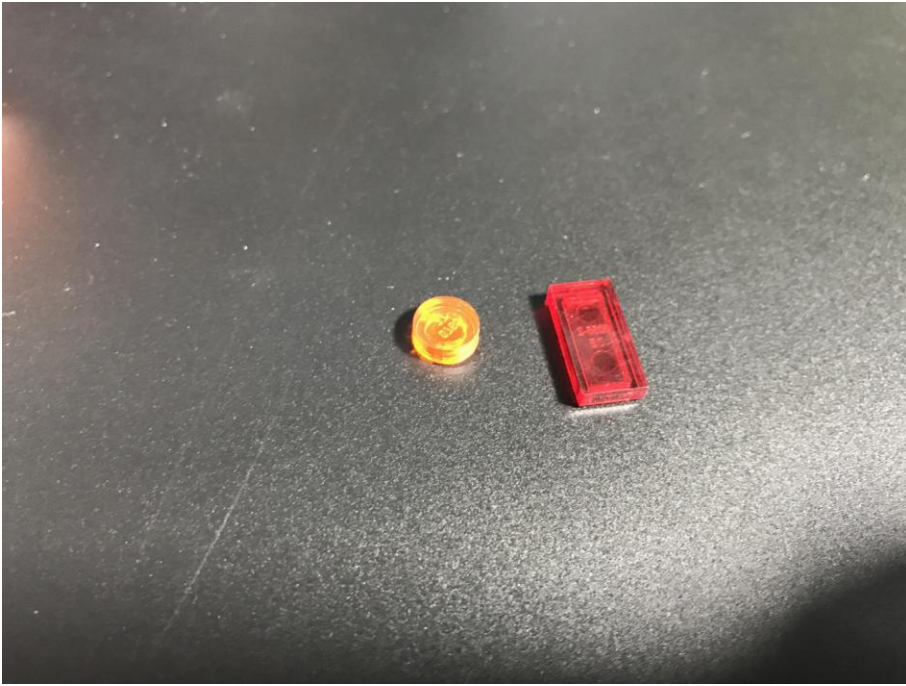


Now, we move onto installing the lights at the back! Take 2 White 30cm Dot Lights

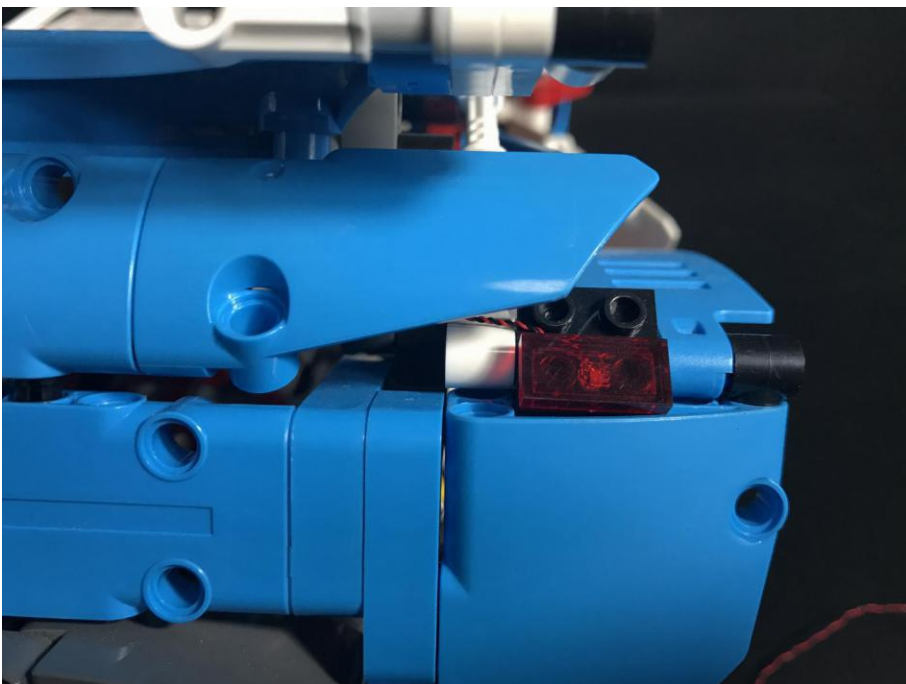
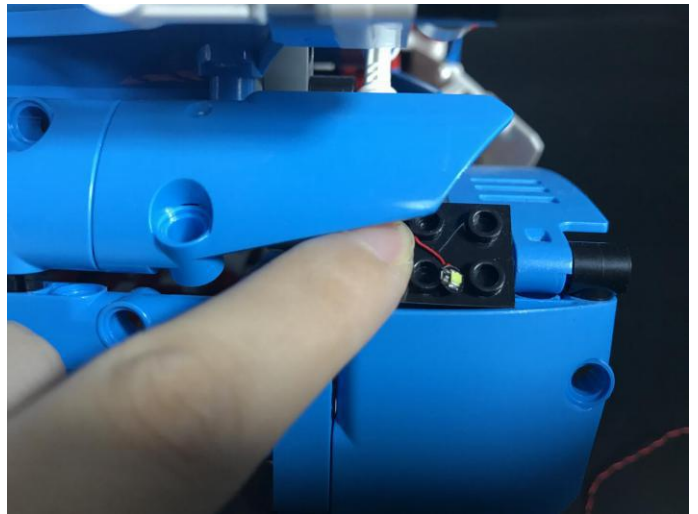
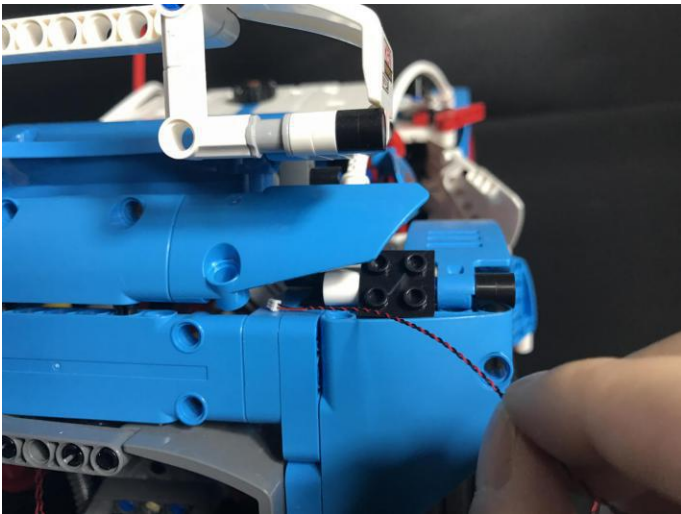


Similarly, start from the right lights. Remove the trans red and trans orange pieces

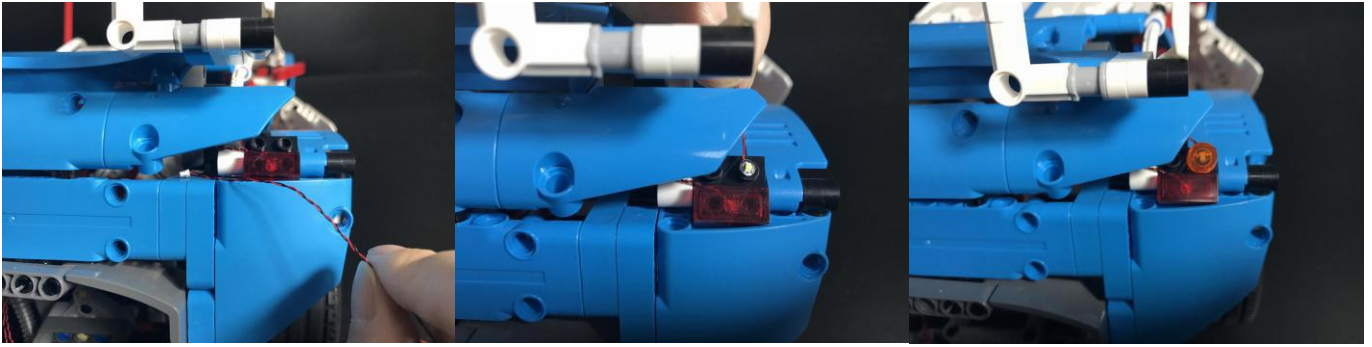




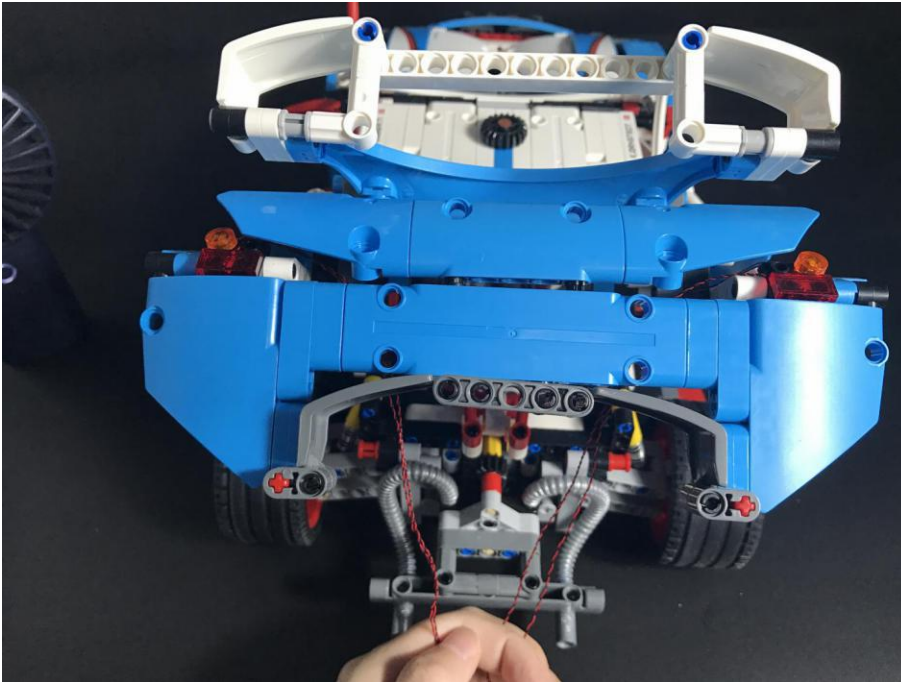
Take a dot light, thread its connector to the inside of the car, with LED component upward before reconnect the trans red piece to secure it



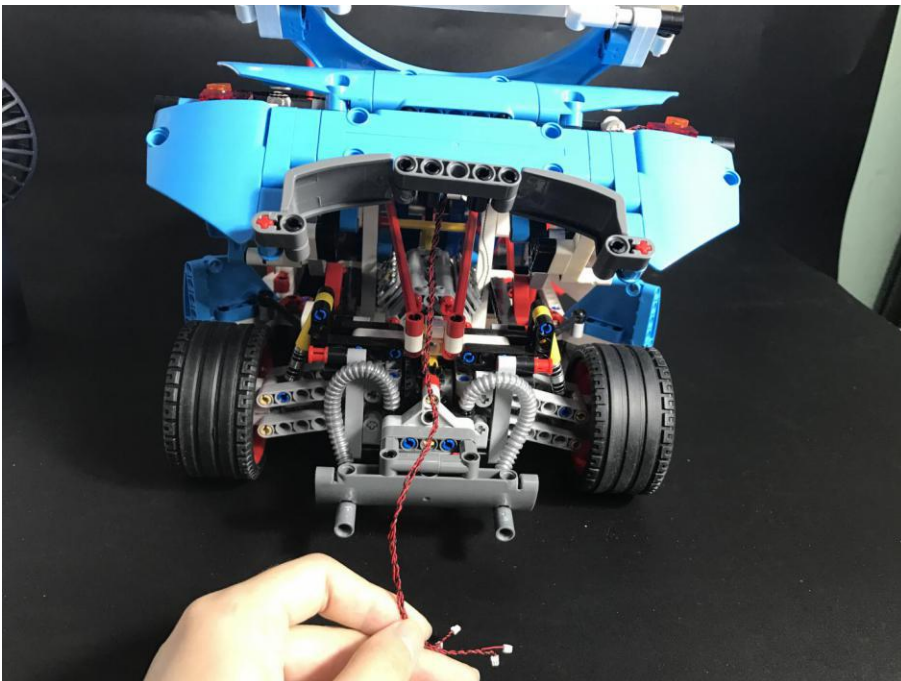
Secure the other dot light with the trans orange piece in the same way



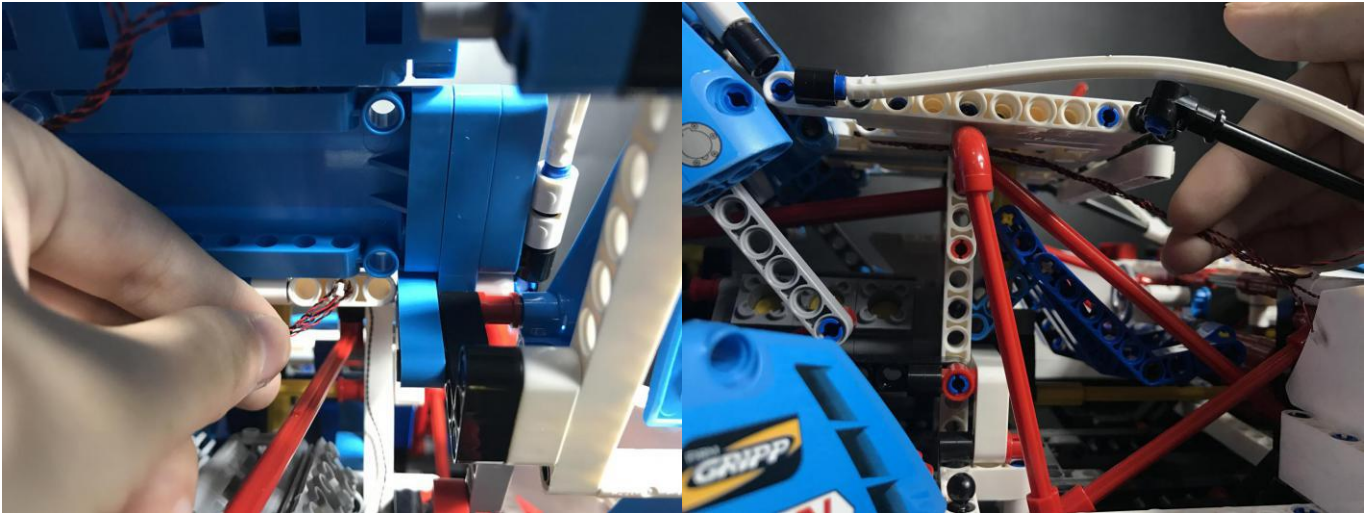
Repeat the above steps for the lights at the left



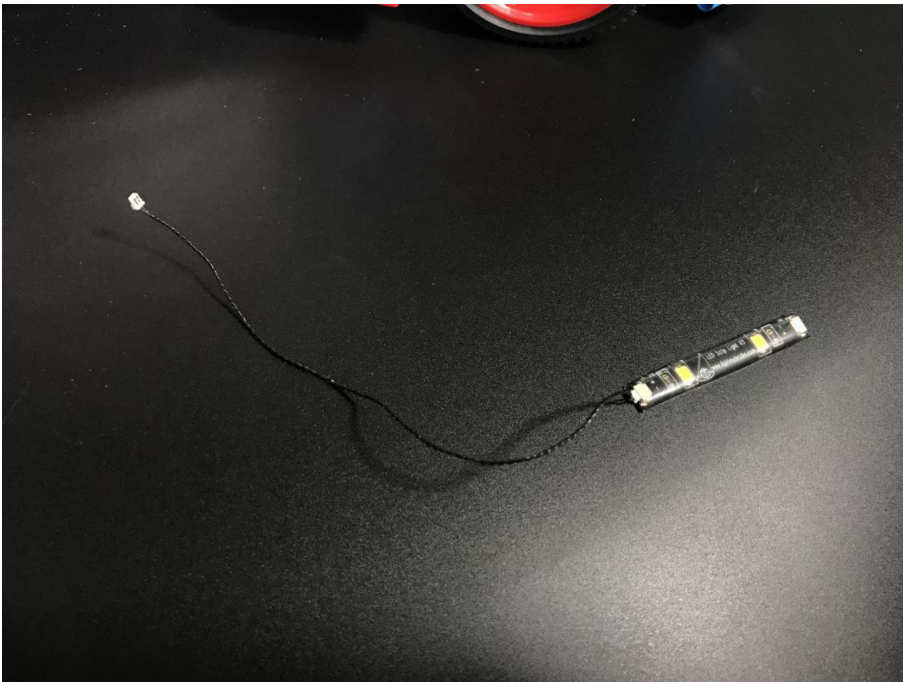
Lift the boot, group the 4 cables together



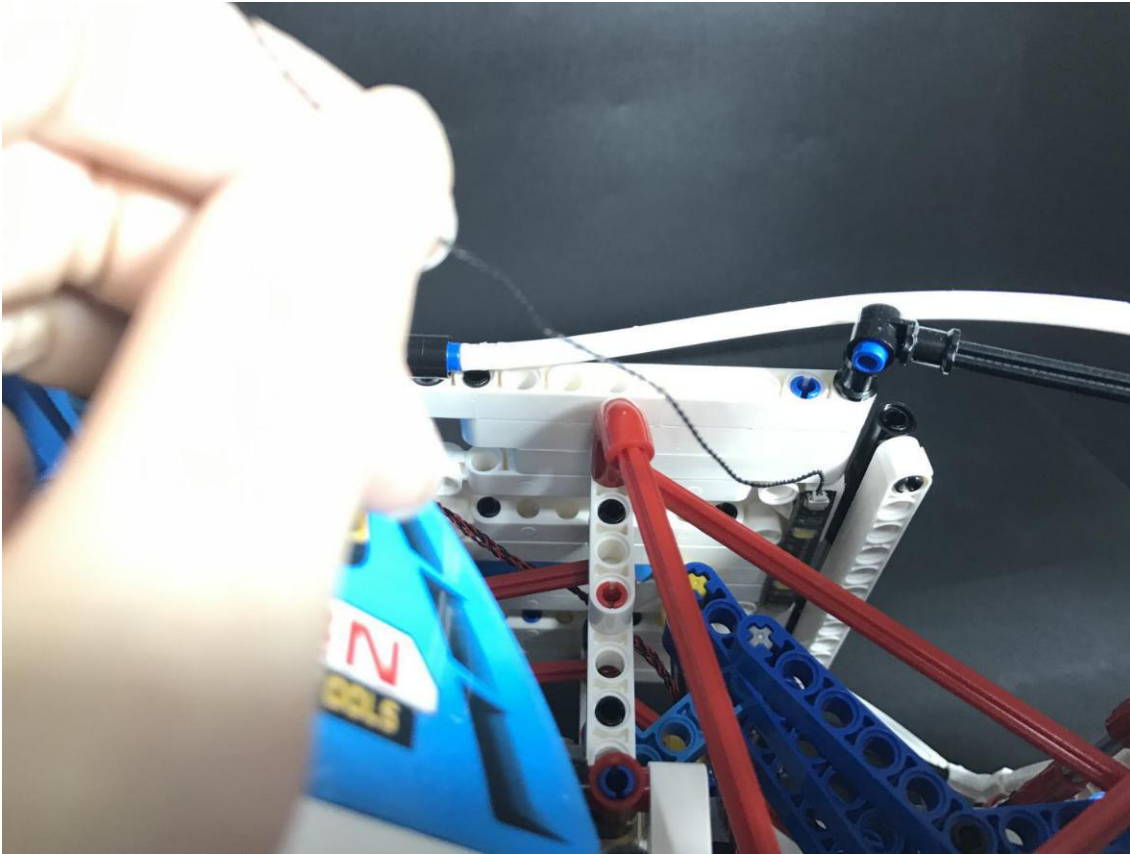
Thread the cables up through the white hole at the top of the car, pull it out from the passenger's seat



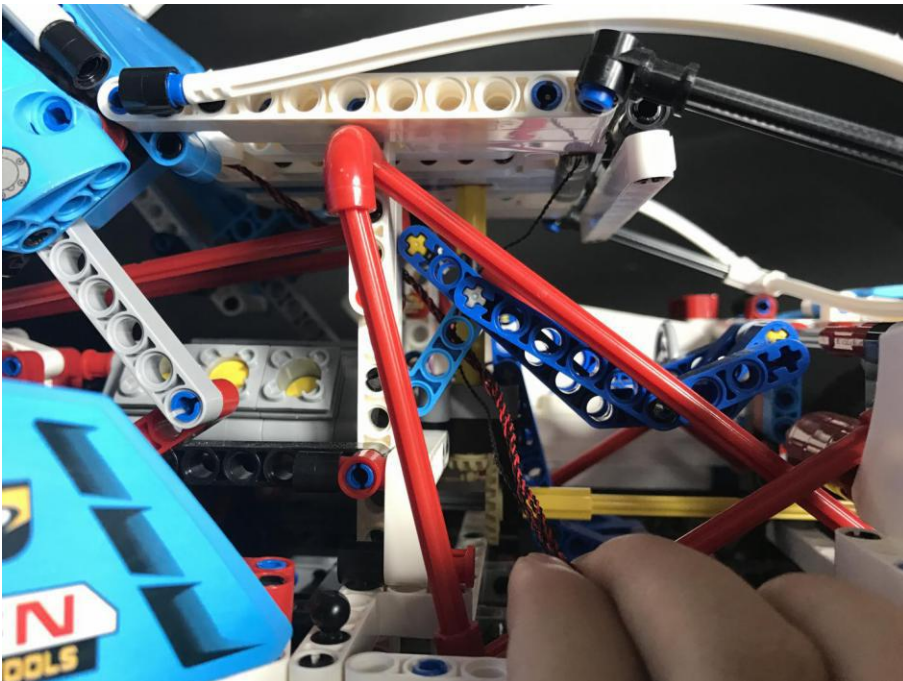
Take a Warm White Strip Light, a 15cm connecting cable, connect them together as per below



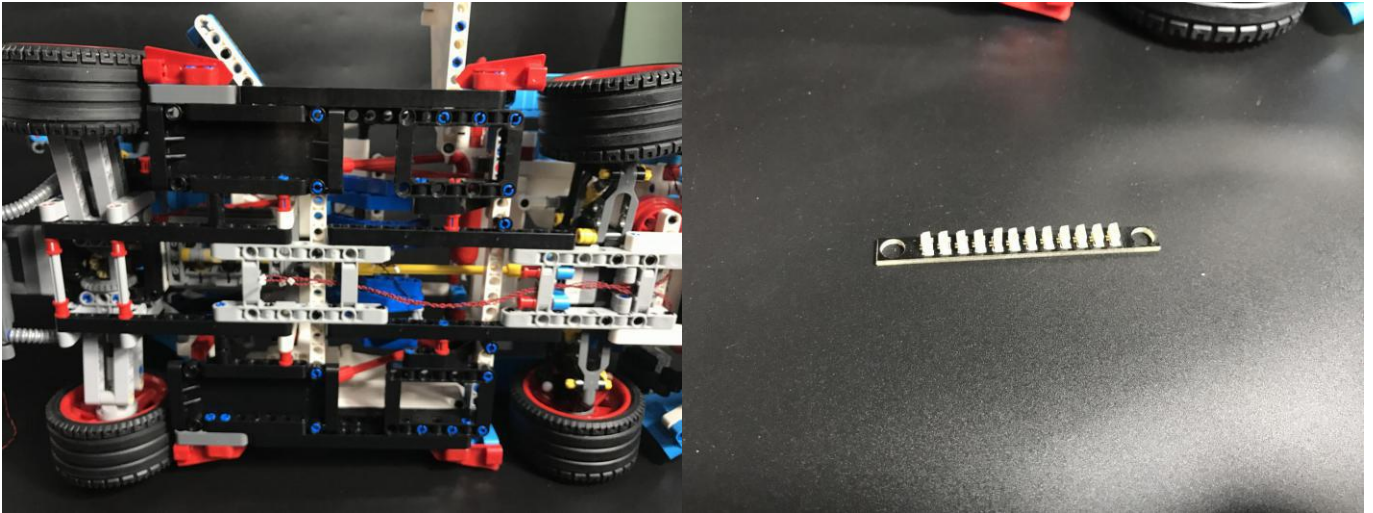
Uncover the tape at the back of the strip, stick it to the top of the car, pull the cable out from the right



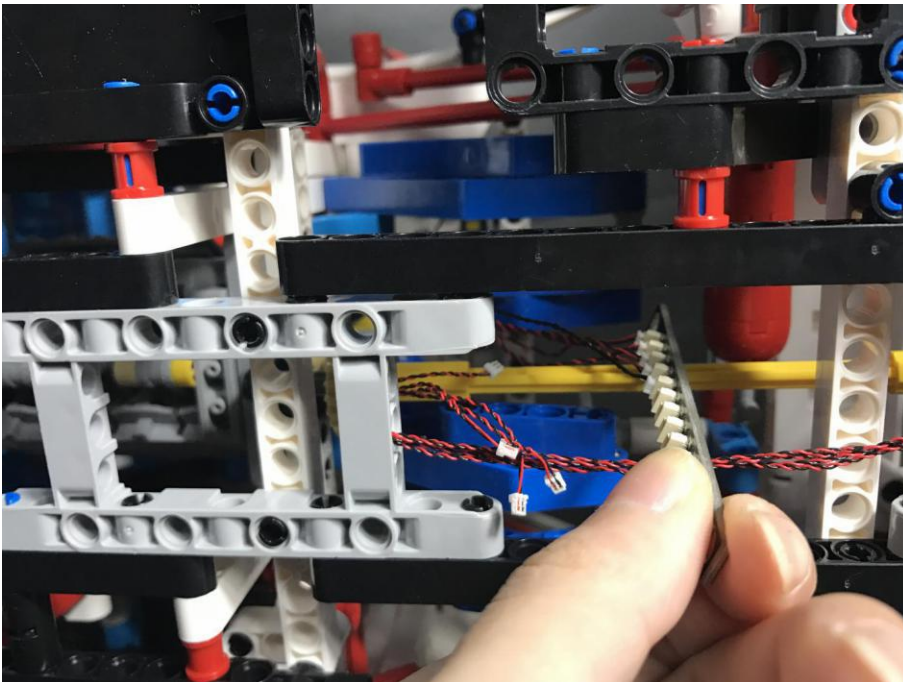
Lift the seat, pull this cable and the cables of the lights at the back downward to the bottom of the car



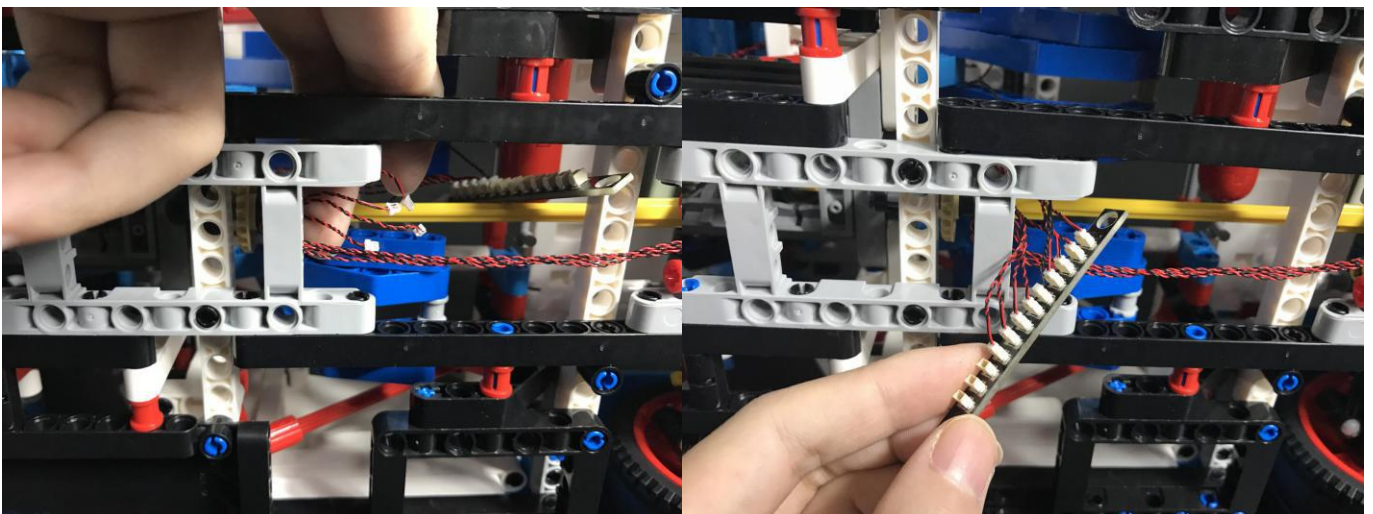
Turn the car over, take the 12-port expansion board



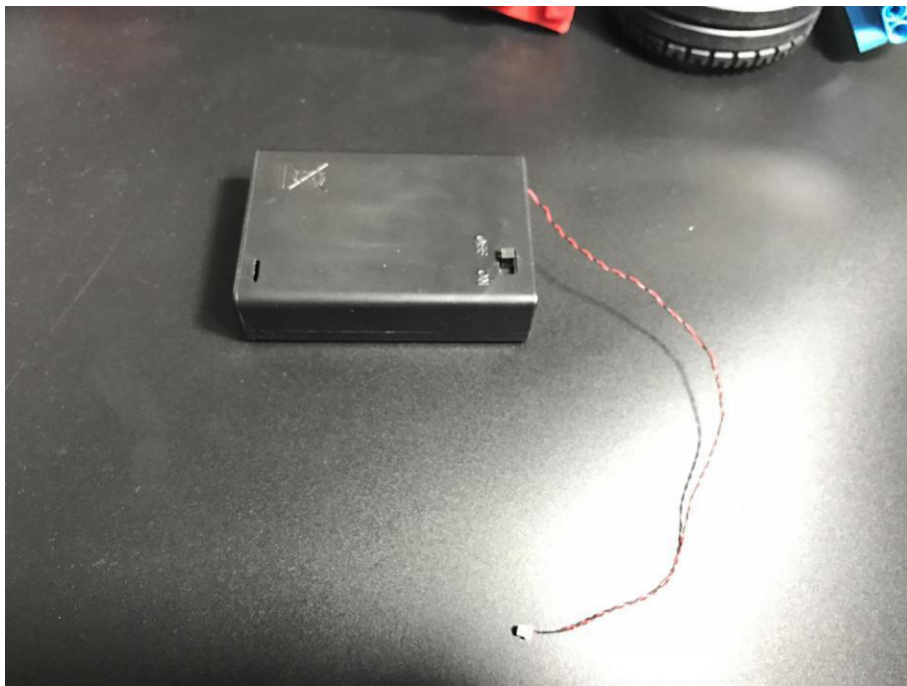
Connect all the cables we have pulled down to the expansion board



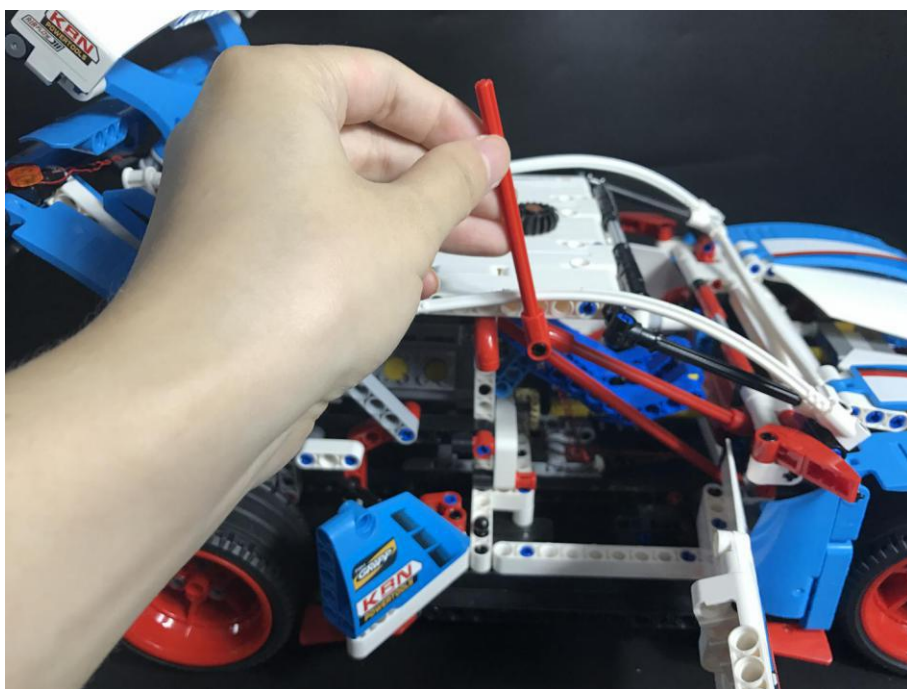
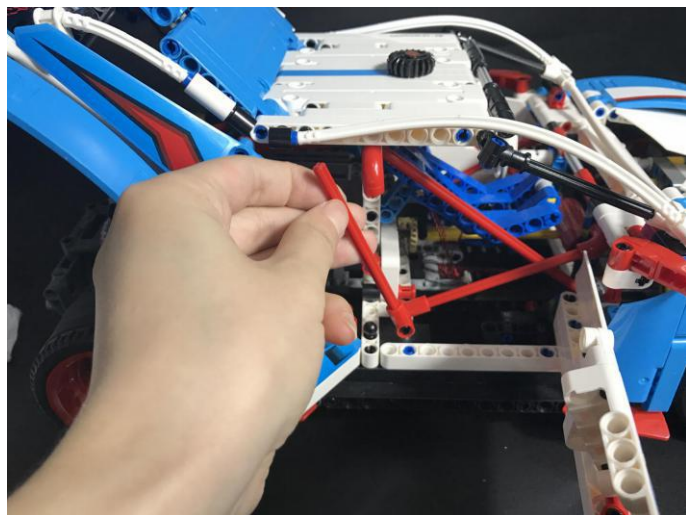
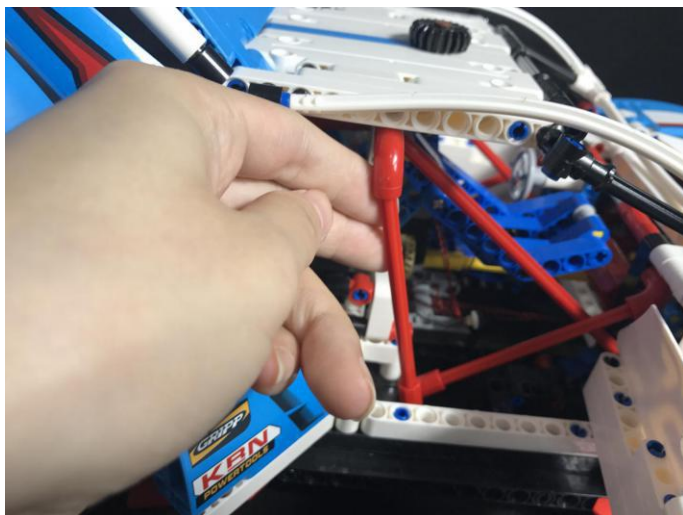
Also connect the cables of the headlights to it



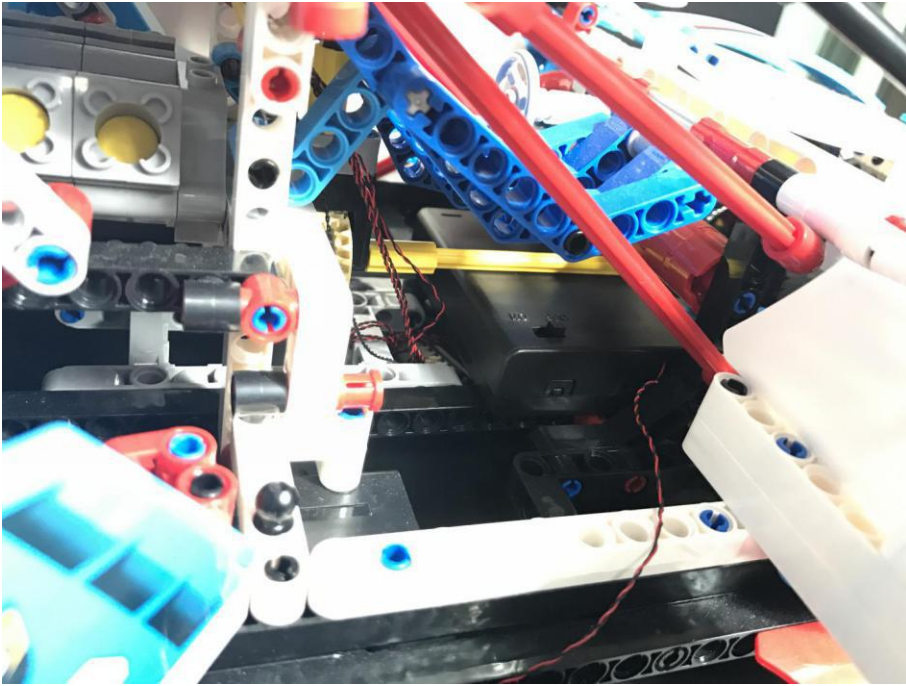
Take the AA battery pack, inserted with batteries



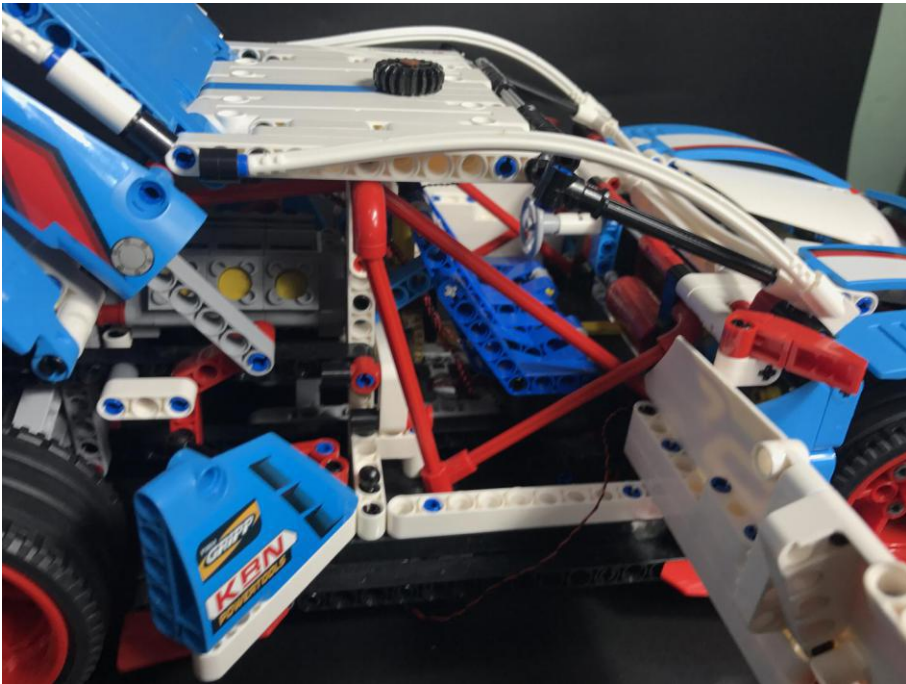
Lift the red rail beside the seat



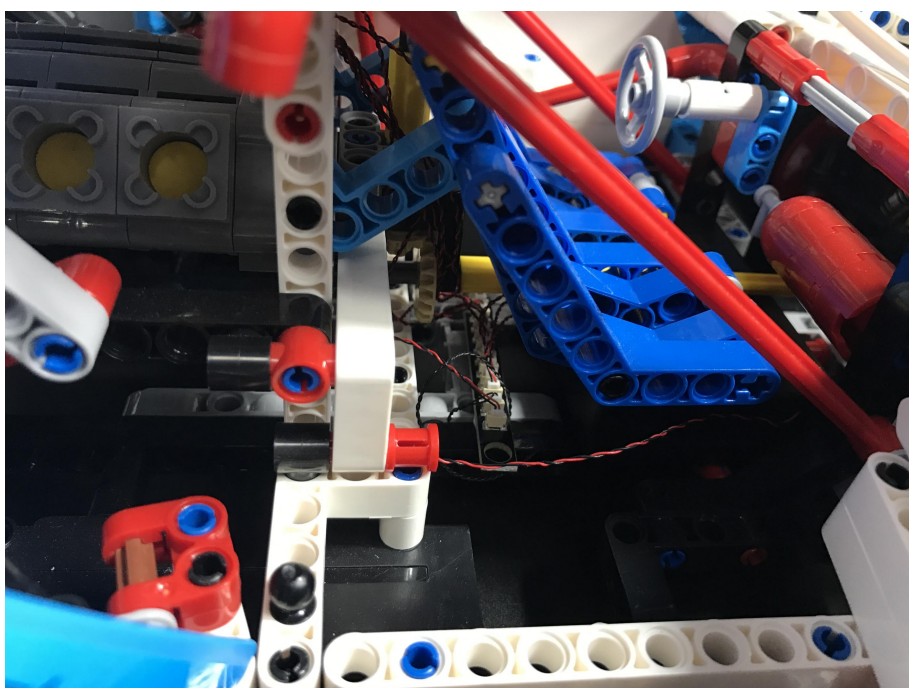
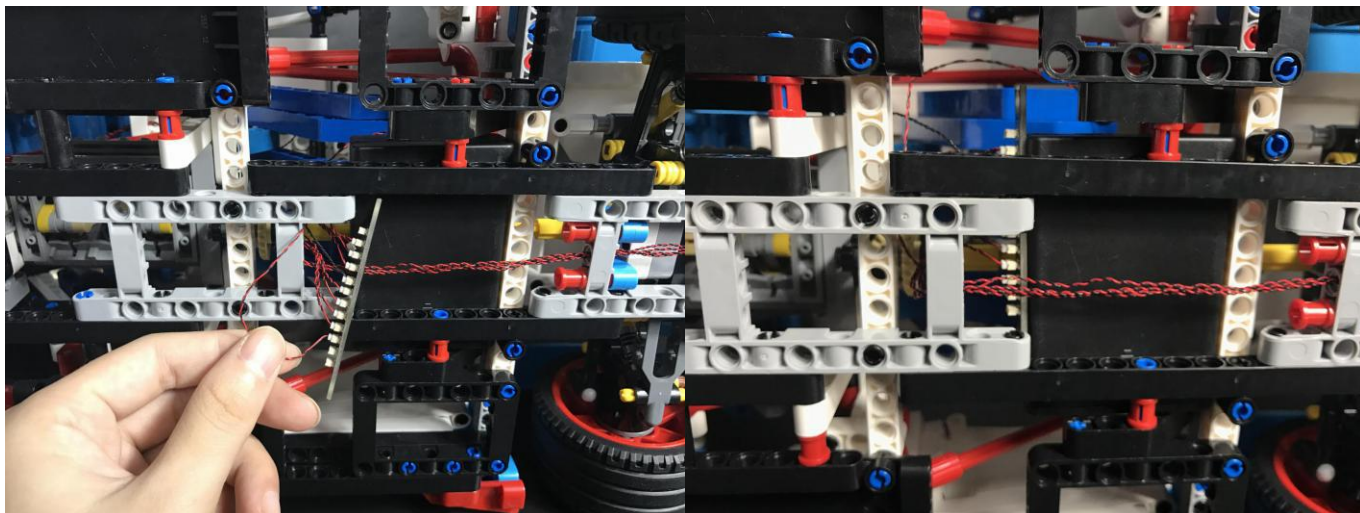
Lift the 2 seats, hide the battery pack at the space underneath, ensure we can reach the switch easily



Reconnect the red rail and the seats back



Connect the cable of the battery pack to the 12-port expansion board, place the expansion board at the bottom of the car, you can secure it in place by using the adhesive tapes.



This now completes the LED lighting circuit. Your kit is now ready to be turned “ON”. Now turn on the lighting kit at the battery pack and enjoy!

