

Bugatti Chiron Light Kit for 42083 Remote Control Version

Thank you for choosing Vonado lighting products. We are committed to LEGO product study and lighting development, and we're always trying our best to provide LEGO fans with the best products and the best installation ideas.

Must be careful observation, imagination can be infinitely.

We provide basic parts to support your imagination.

DO IT YOURSELF .that's what LEGO is .

As always, Lego has been adhering to the DIY philosophy from product selection, research and development to sales. Consumers buy the parts, you will assemble them by yourself, and you can experience every step from picking up the first piece to installing the last one. Besides, LEGO has different answers for the installation form and method of each part. Vonado lighting also does not want to kill your unlimited creativity, we will try our best to make products with high variability, high playability and unlimited play. If you have any dissatisfaction or your own ideas on the parts such as the color of the lights, the length of the cables, the installation position of the product, and the final effects of each module, you can make your own arrangement, and we will cooperate with you to replace or repurchase.

LETS MOVE!

Package Contents:

- 9 X 15cm White Dot Lights
- 2 X 30cm Blue Dot Lights
- 1 X Warm White Strip Light
- 5 X Red Strip Lights
- 2 X 5cm Connecting Cables
- 1 X 15cm Connecting Cables
- 5 X 30cm Connecting Cables
- 1 X 50cm Connecting Cables
- 1 X AA Battery Pack
- 2 X 6-port Expansion Boards
- 1 X 12-port Expansion Board
- 1x 20cm Red Stick Light
- 1 X Remote Control Switch Board

Extra Pieces

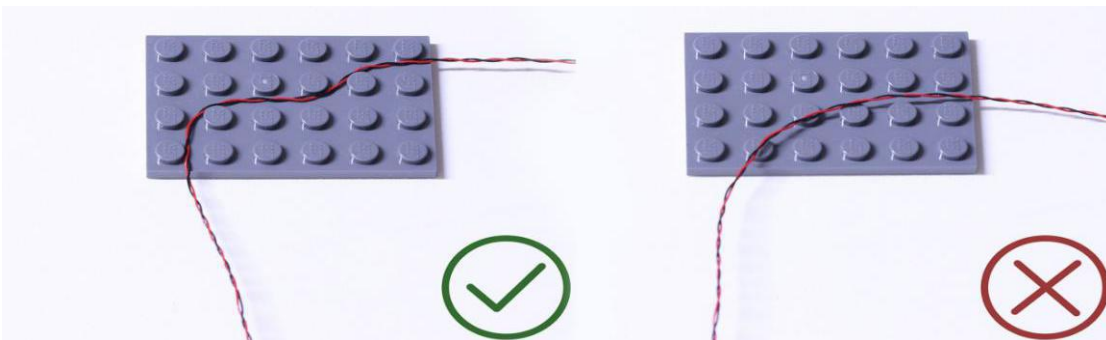


(product display)

Note:

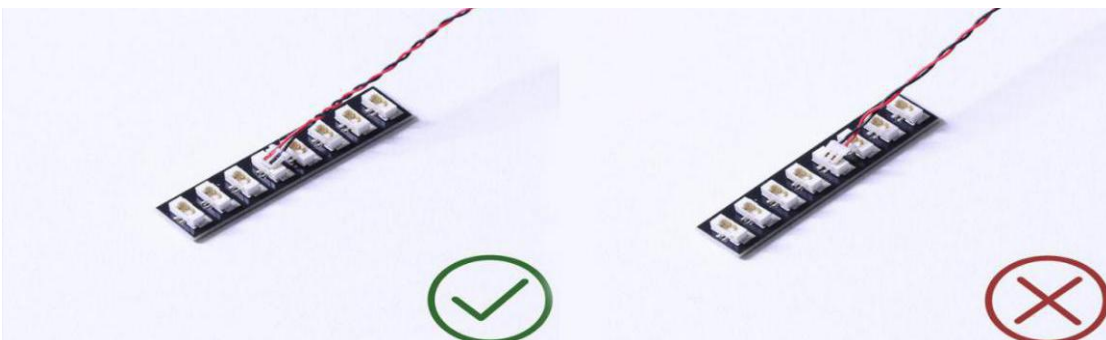
Place wires on the surface or under the building blocks.

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

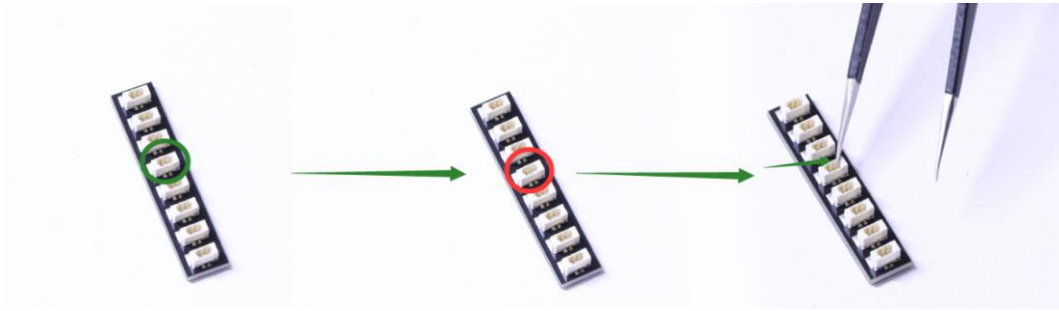


Insert the connectors to the ports.

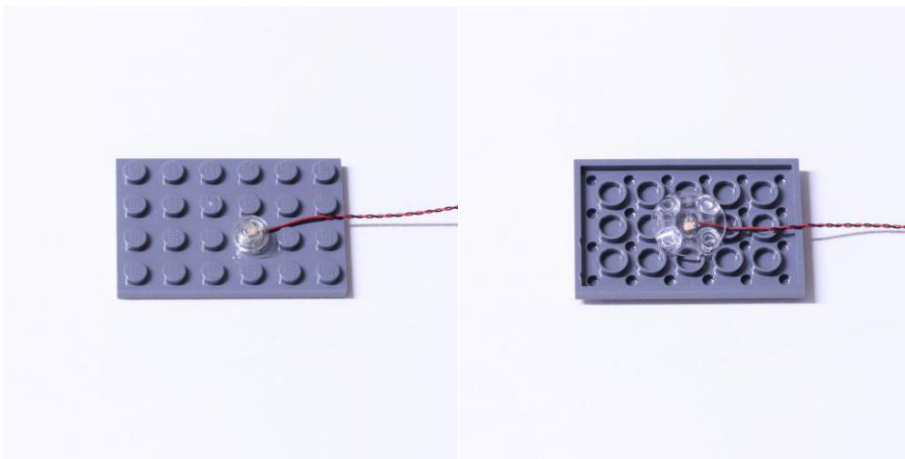
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

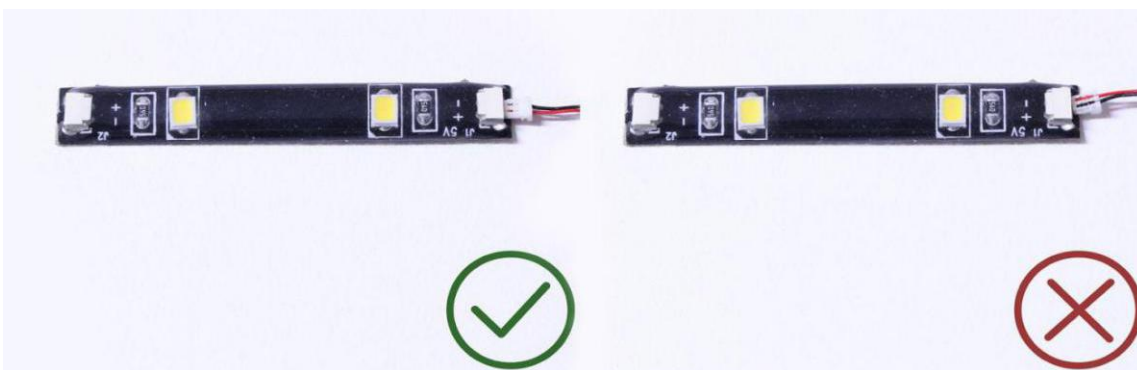


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

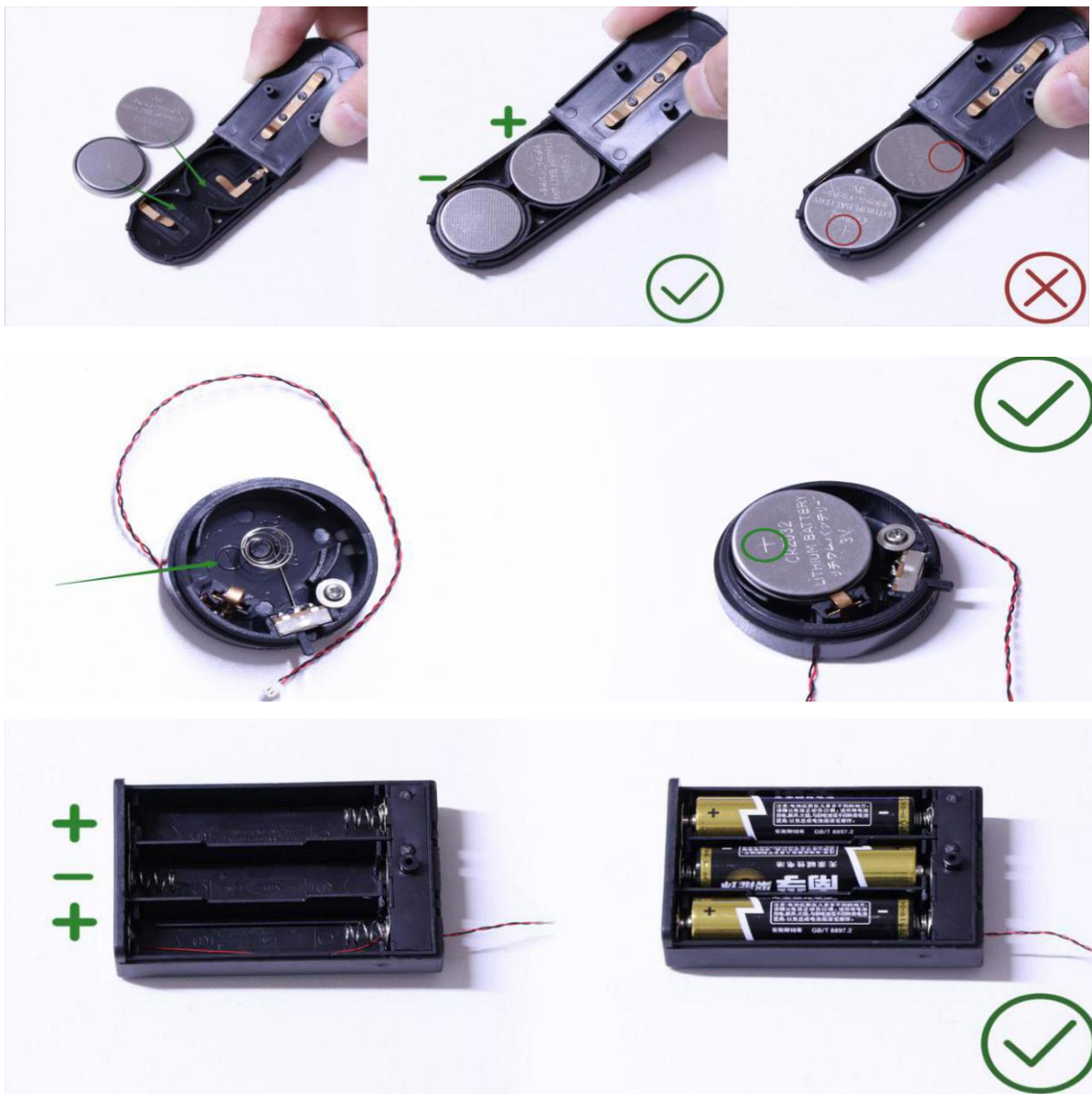


Connecting cable connectors to Strip Lights

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.

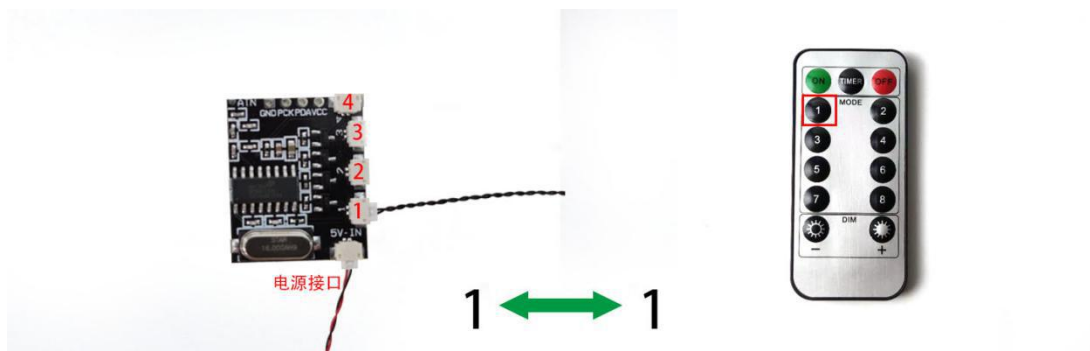


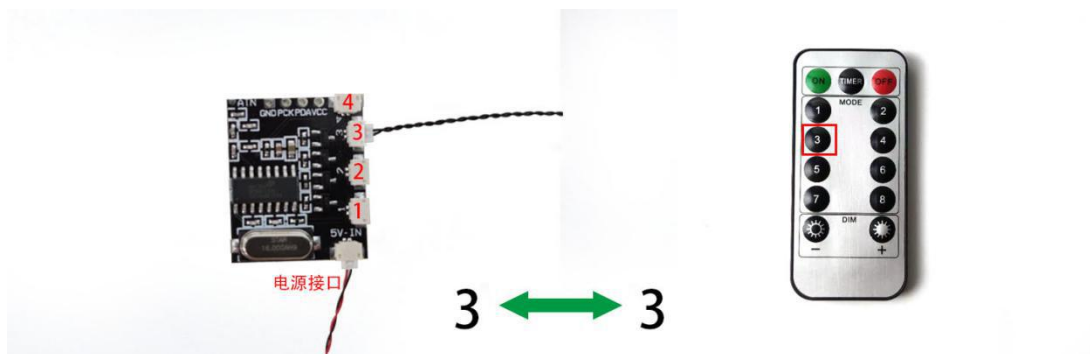
Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.



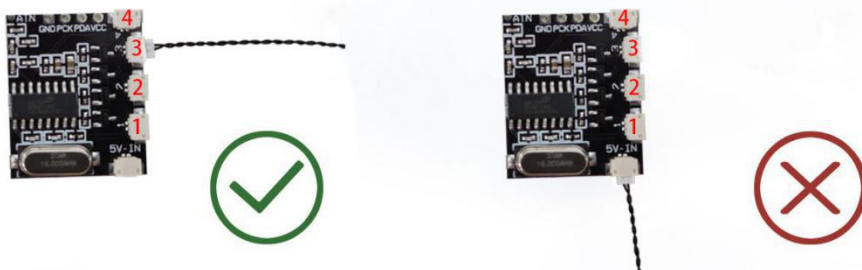
Precautions for remote control connection

①The connecting line can be connected to the port of module 1, 2, 3, 4, which corresponds to the remote control 1, 2, 3, and 4.

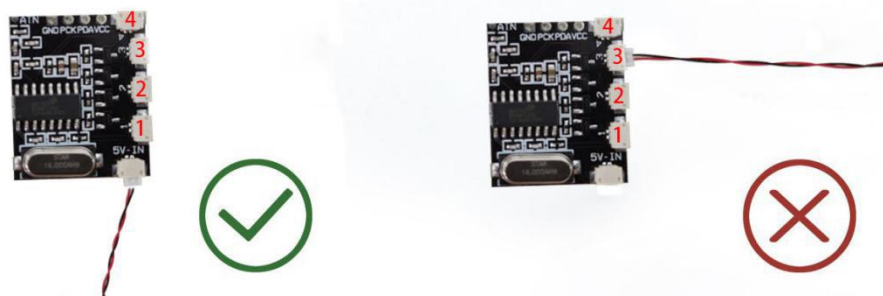




②The connection line is connected to the zone port, do not connect to the power interface.



③The USB connection is on the port marked 5V-IN. Do not connect to the regional port.



Remote control function description

Remote control function description



- ON: Open all branches
- OFF: All branches are closed
- 1: Open/close Line 1
- 2: Open/close Line 2
- 3: Open/close Line 3
- 4: Open/close Line 4
- 5: For the last open path
- Blink on
- 6: For the last open path
- Start breathing
- 7: Increase blinking/breathing rate
- 8: Decrease flicker/breathing rate
- Brightness-: Reduce brightness
- Brightness+: Increases brightness

OK, Let's Begin!

Instructions for installing this kit:

Bugatti 42083 Lighting Kit, 13bags in total, 12 bags with labels, 1 bag without label, as per below:
Power Supply: AA Battery Pack (batteries self-contained).



Firstly, install the batteries to the battery pack, take the 12-port expansion board, connect the battery pack to it, then, connect the lights to the expansion board to verify the lights.



After the verification, disconnect the lights and put them back to the bags.

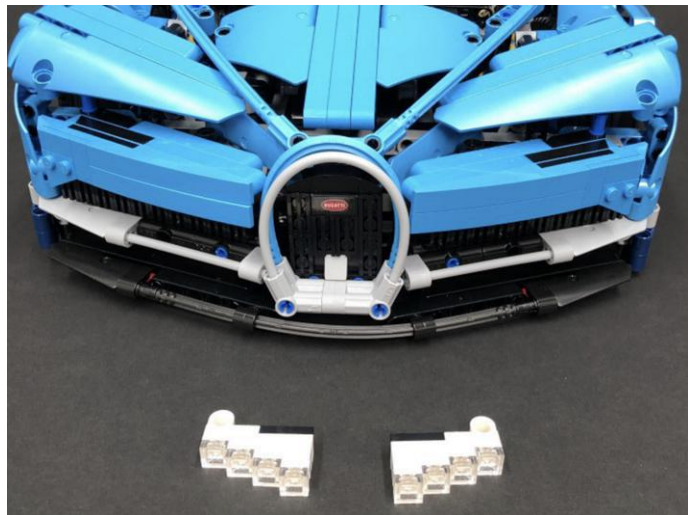
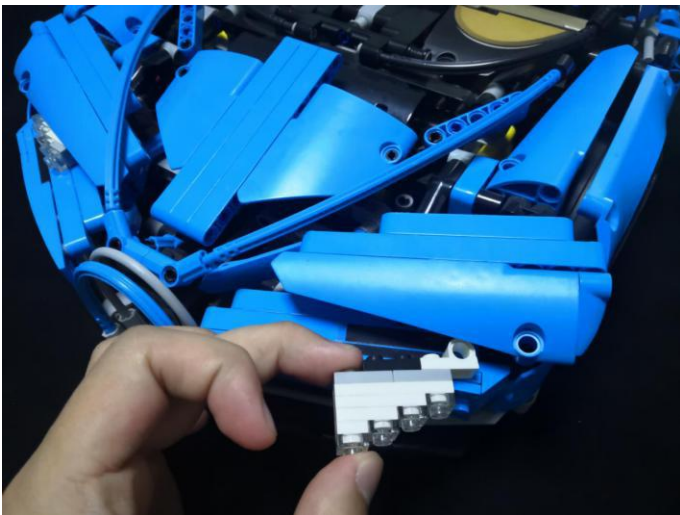
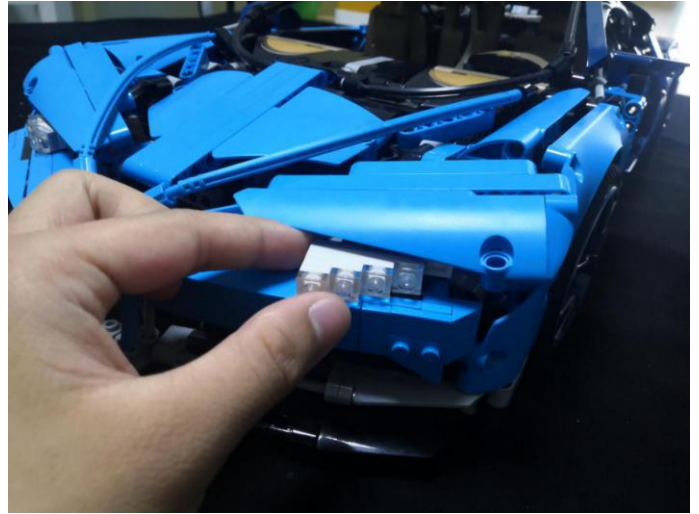
(note: put the lights back to the bags when verification of the lights from the same bag is done, then, continue to verify the lights in another bag.)

OK, Let' s Begin! (you can use the tweezer if necessary.)

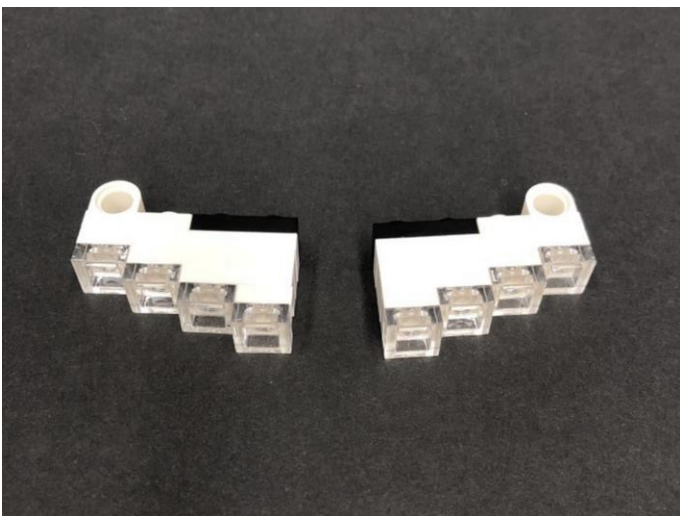
(Tips: the tweezer is sharp, you should be careful when using it, do not hurt yourself or scratch the pieces; be gentle and do not wear the cables.)

Instruction for installing this kit

Start from installing the headlights.



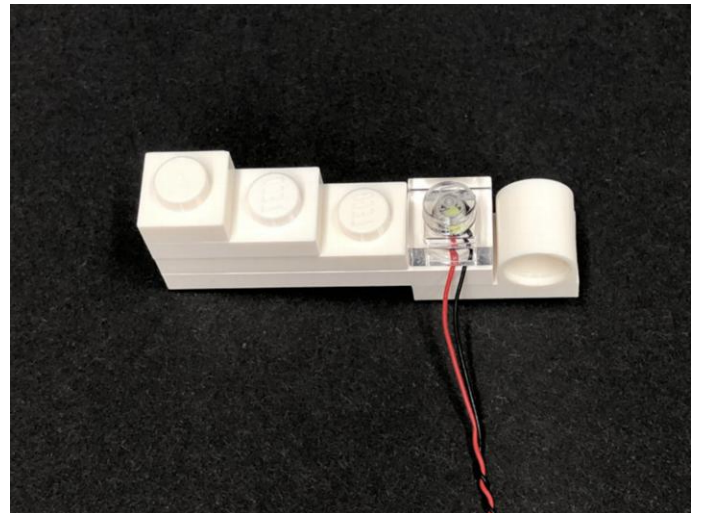
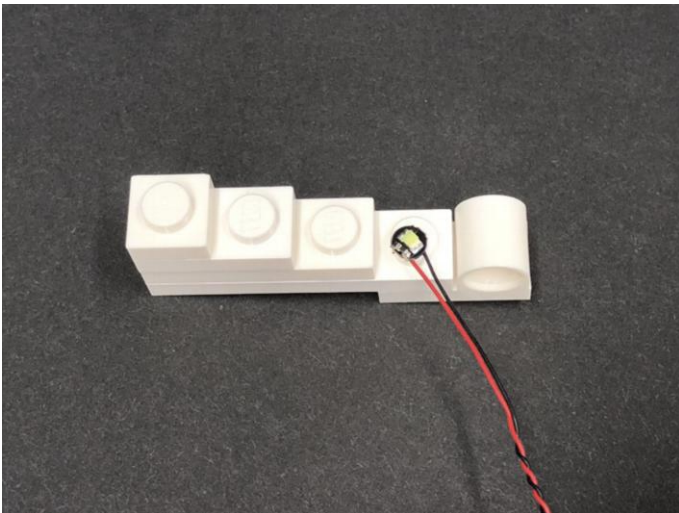
Disconnect the pieces from both sides as per below.



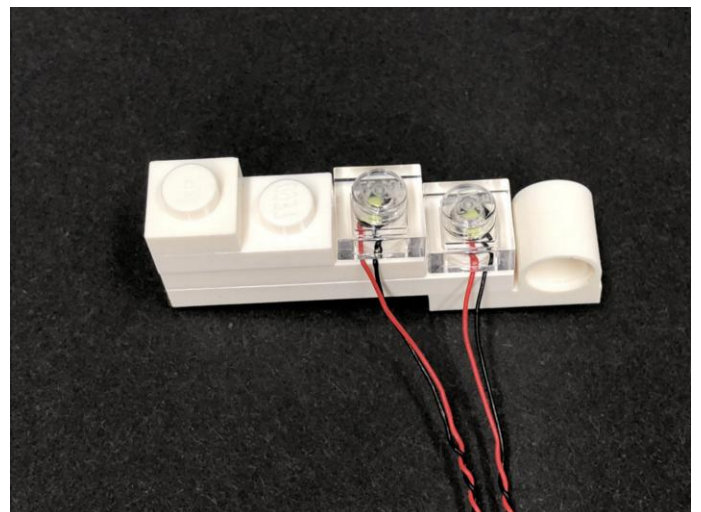
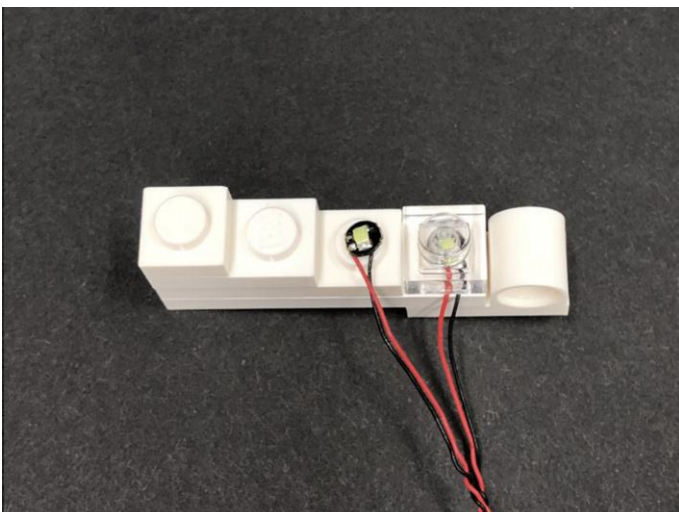
Disassemble the left headlight piece as per below.



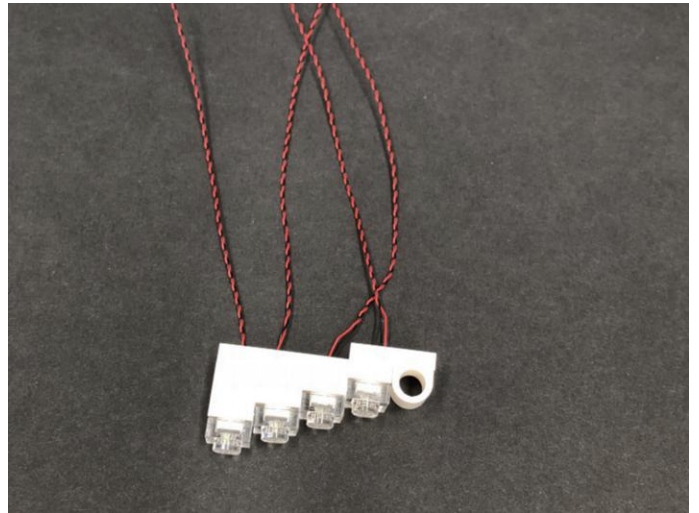
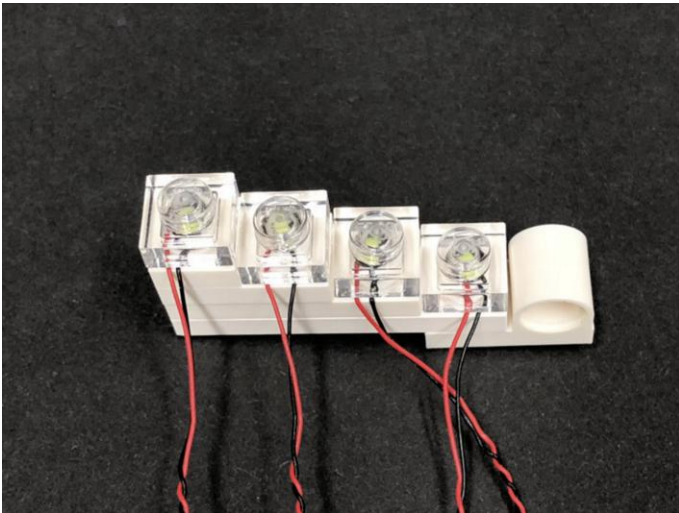
Take a white 15cm Dot light, with lighting part facing up, place it over the following stud, reconnect the following piece to secure the light.



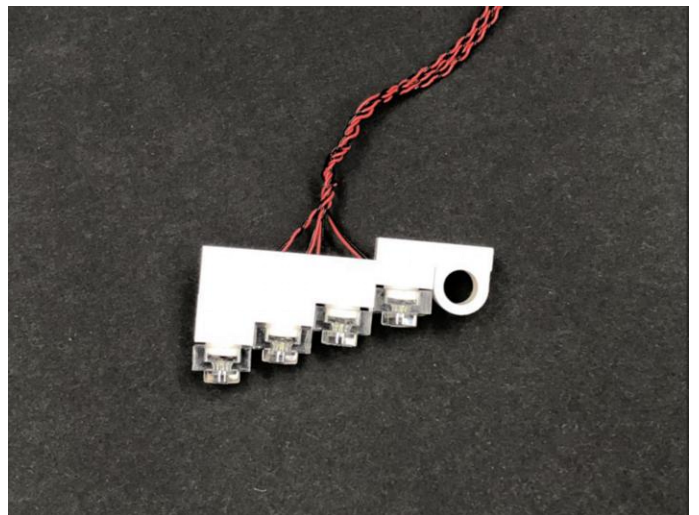
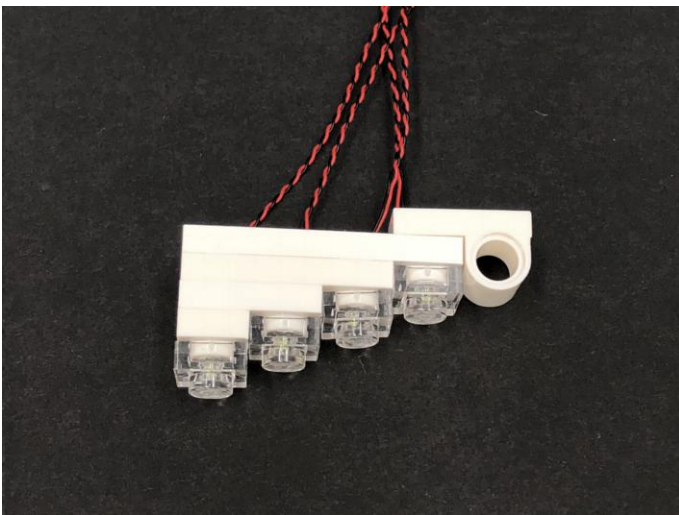
Take another 15cm white dot light, connect it to the next stud, reconnect the trans piece to secure the light.



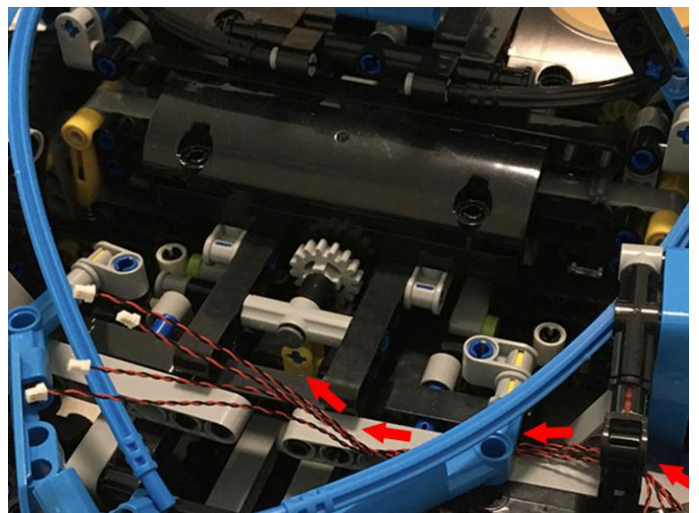
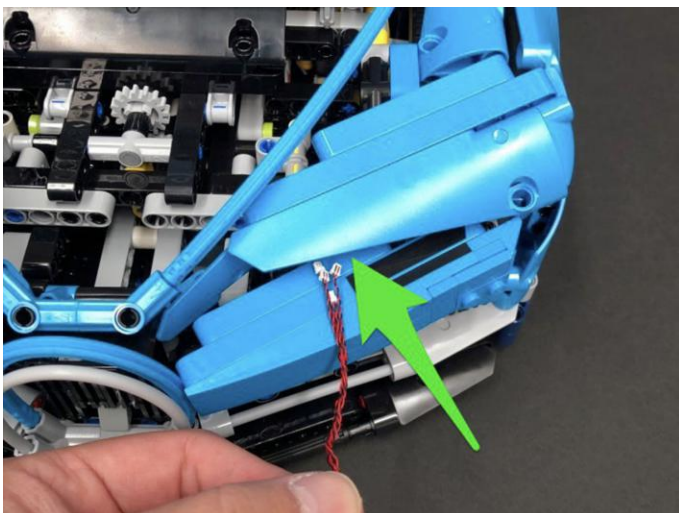
Repeat the steps above to install the other 2 lights.



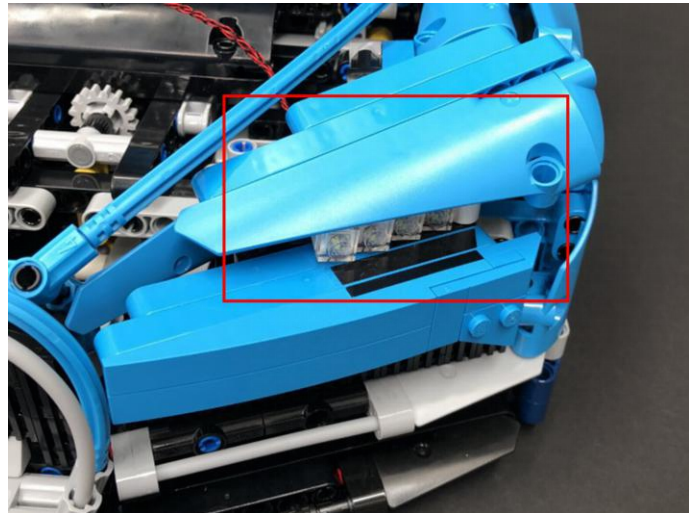
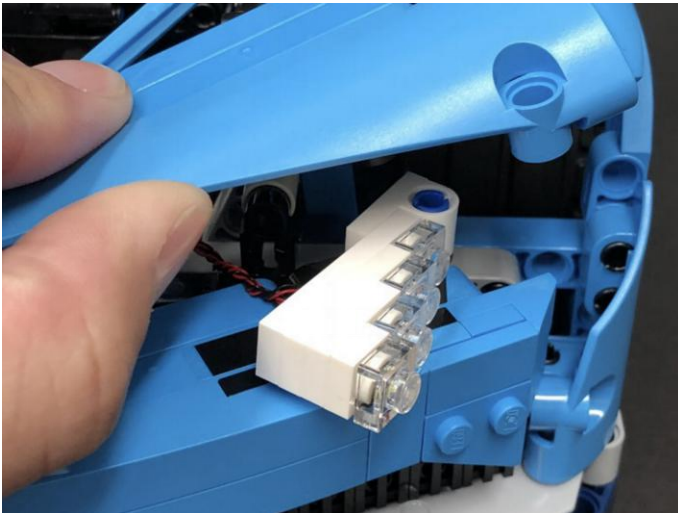
Turn the piece over as per below, group all the cables together.



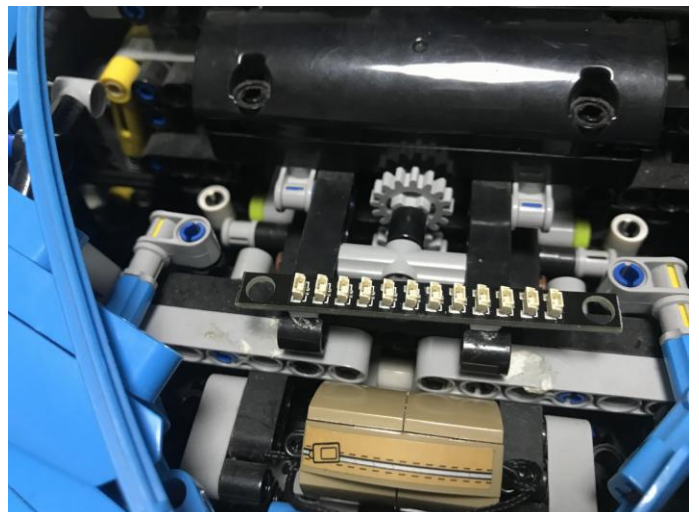
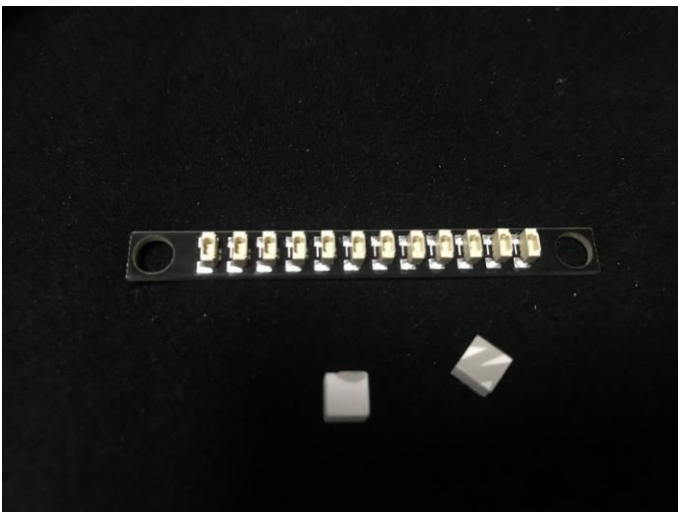
Thread the cables as per below.



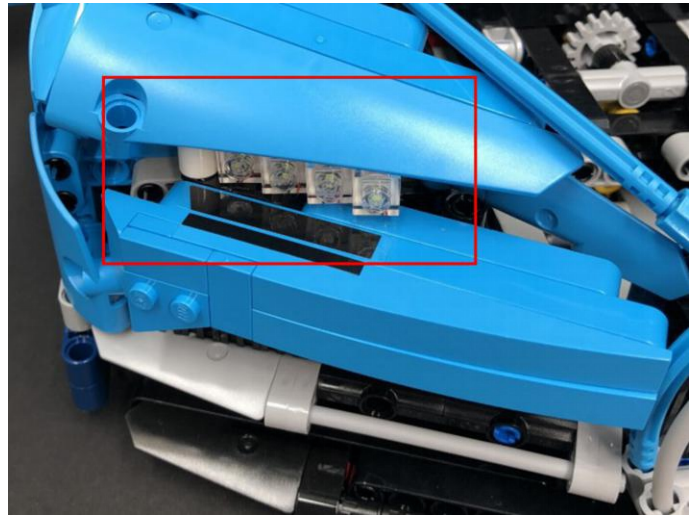
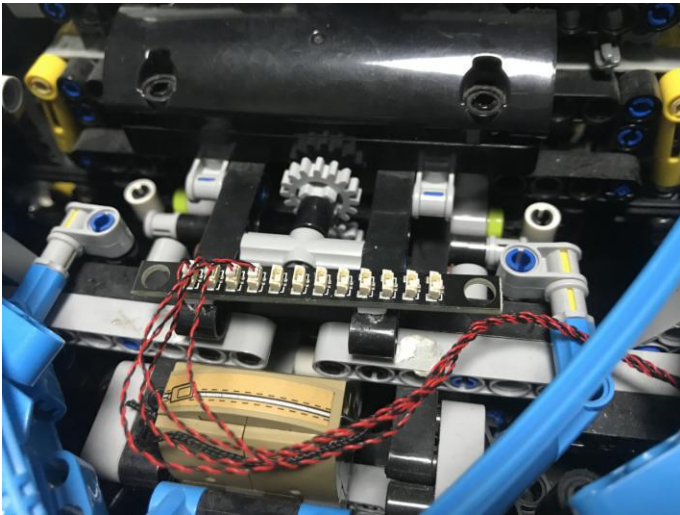
Reconnect the head light.



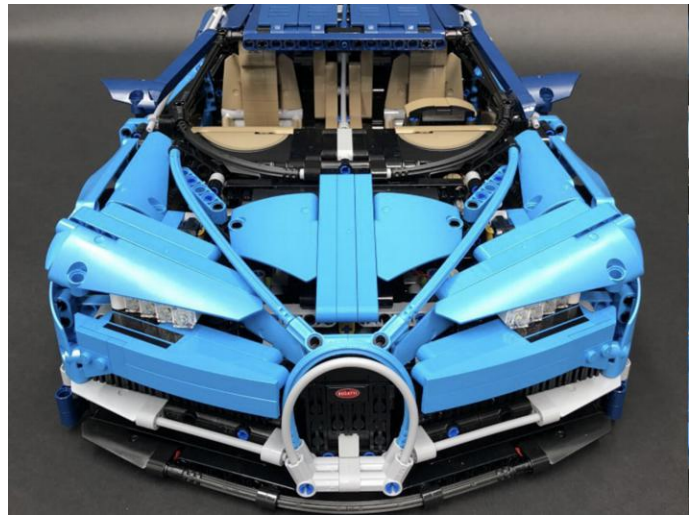
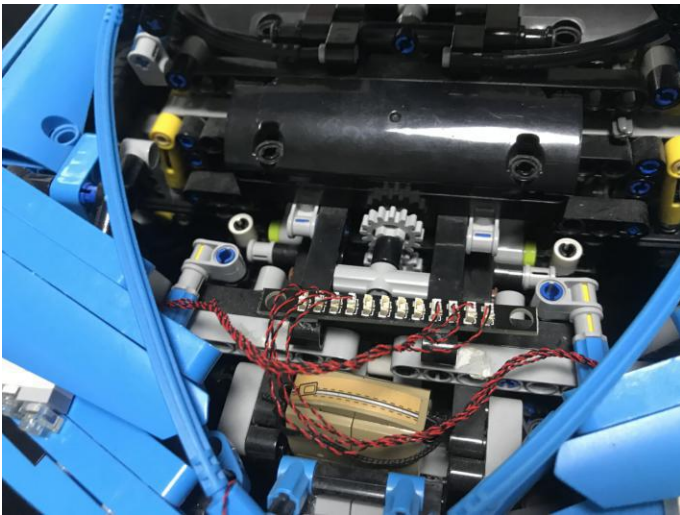
Take a 12-port expansion board, 2 adhesive squares, stick the expansion board to the following place with adhesive squares.



Connect the cables from the head lights to the expansion board, repeat the steps above to install the headlight at the other side.



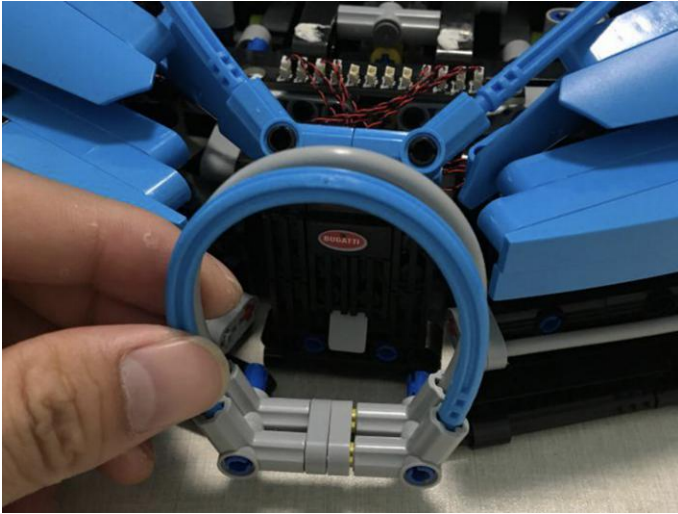
This completes installation of the headlights as per below.



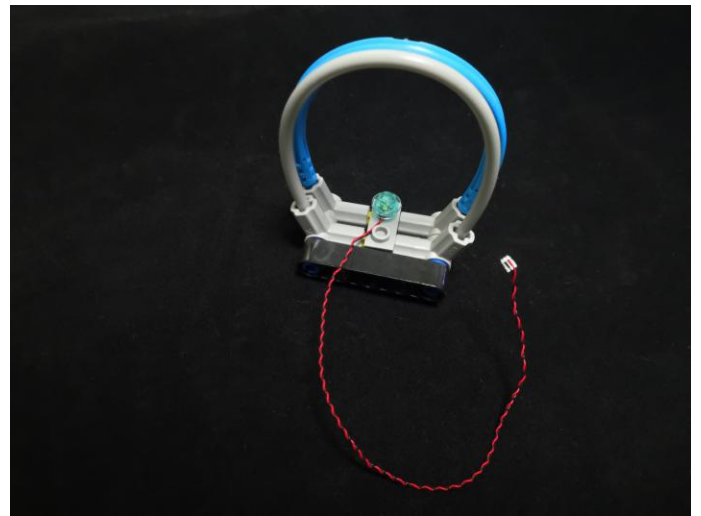
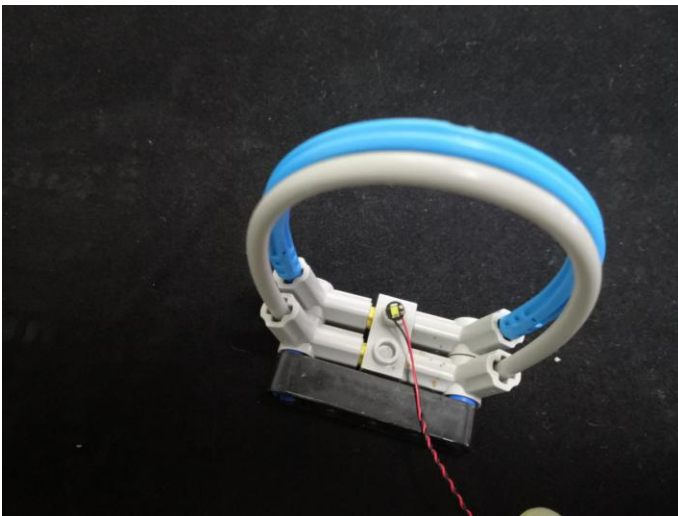
Connect the cable of the battery pack to the 12-port expansion board, turn the power on to test the lights.



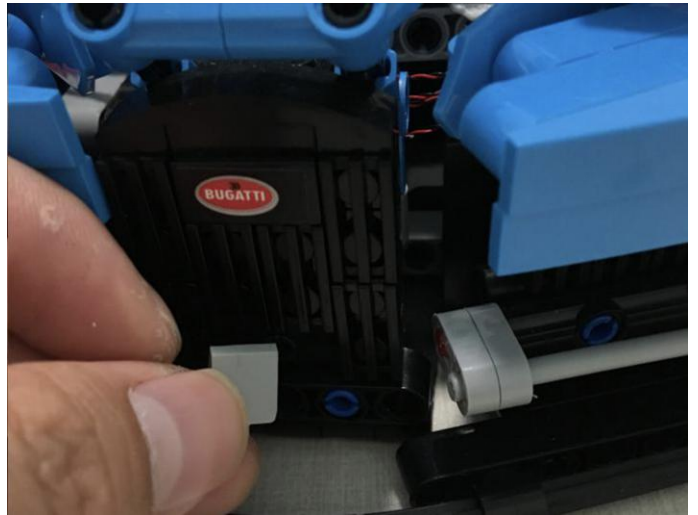
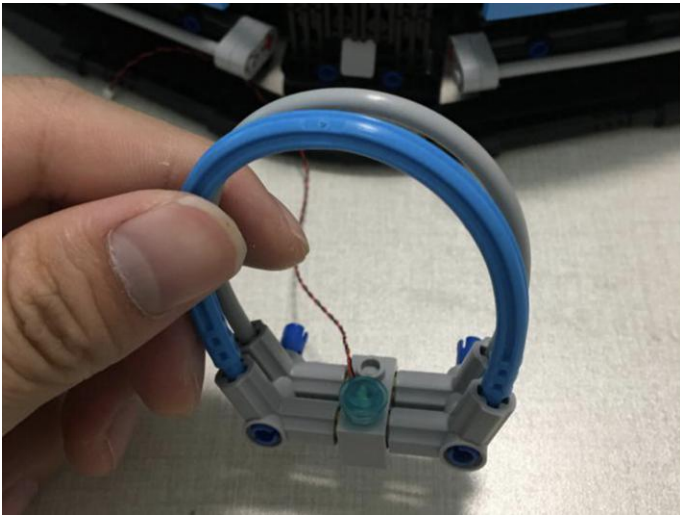
Take a white 15cm dot light, a 1x 2 piece, a trans blue round plate as per below. Replace the following piece with the piece from the lighting kit.



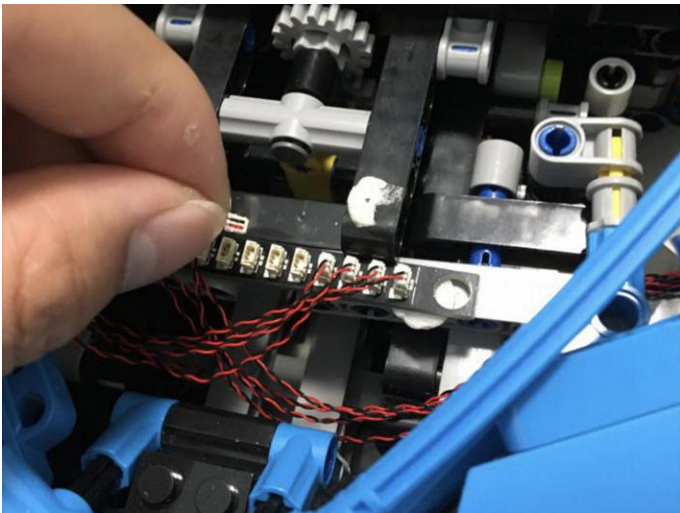
With lighting part facing up, connect the light to the following place, reconnect the trans round piece to secure the light.



Pull the cable toward the 12-port expansion board as per below.



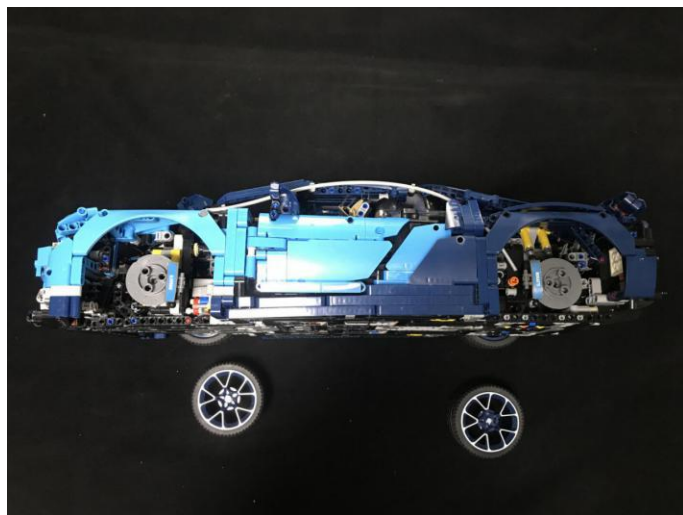
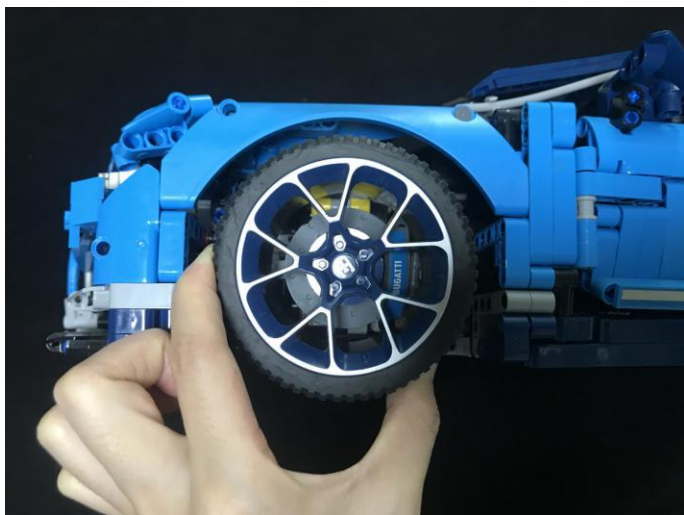
Connect the cable of the light to the 12-port expansion board, reconnect this piece.



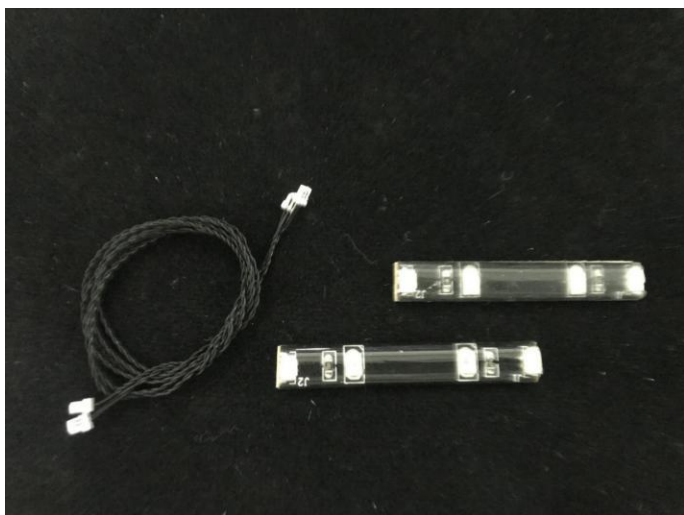
Continue to install lights for the wheels, turn the car over to its side.



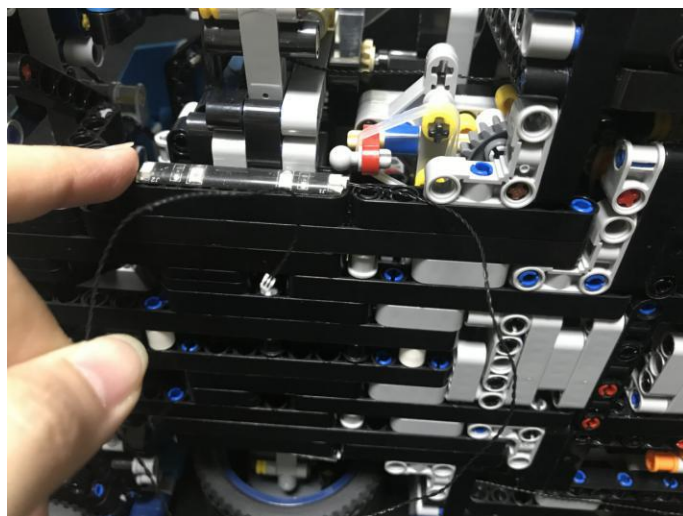
Remove the 2 wheels.



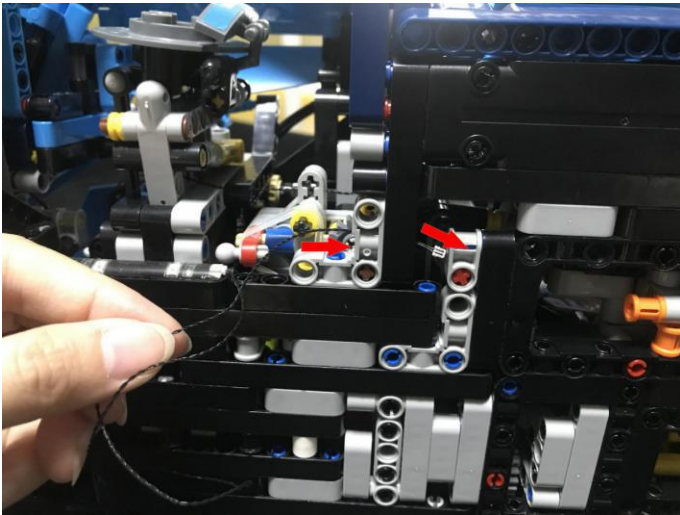
Take 2 red LED strip lights, two 30cm connecting cables, assemble them as per below.



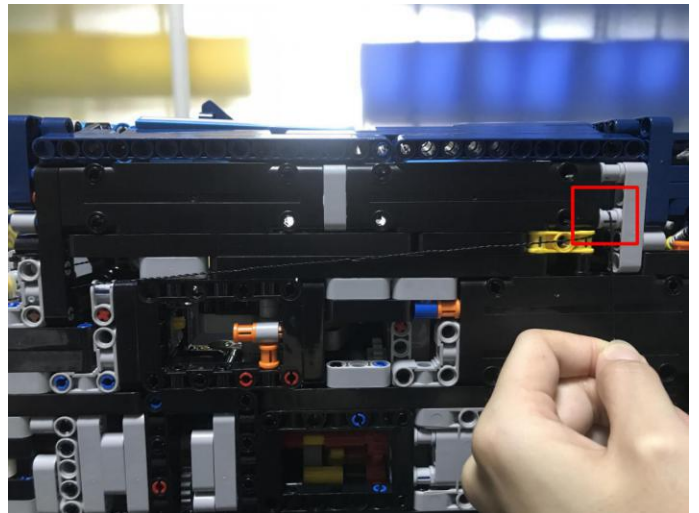
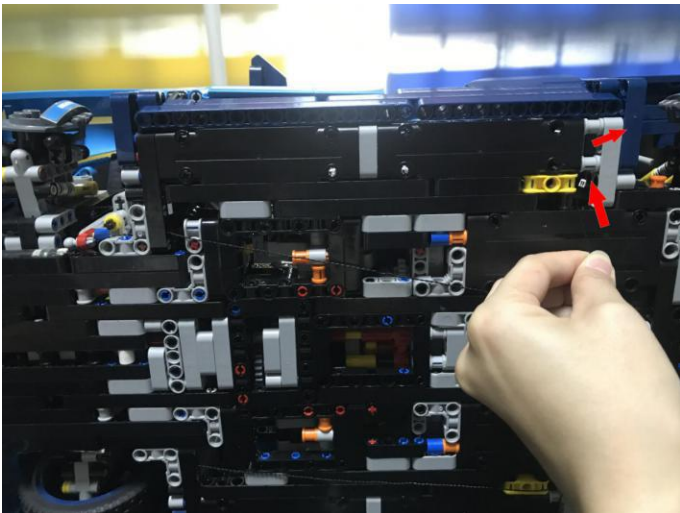
Stick a red strip light to the following place.



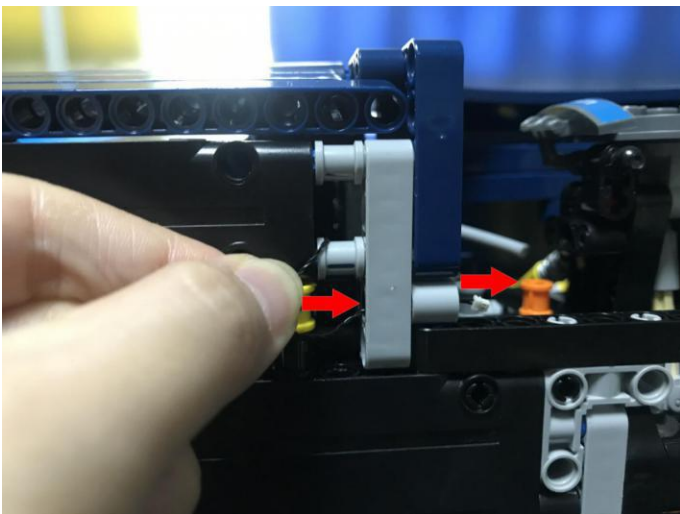
Thread the cable through the following space and pull it backward.



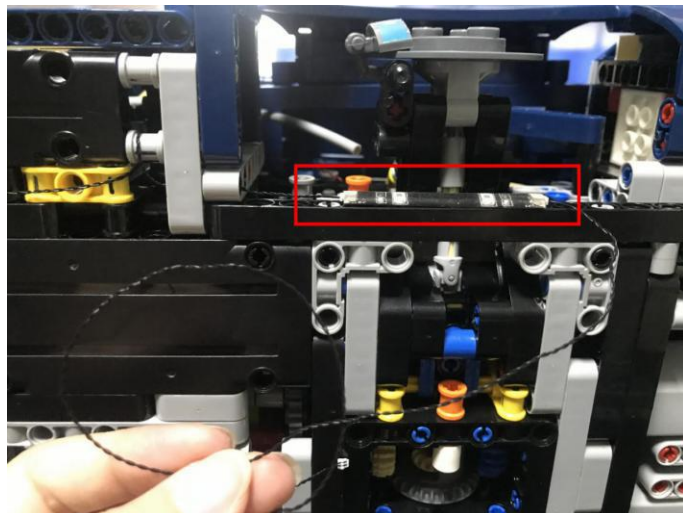
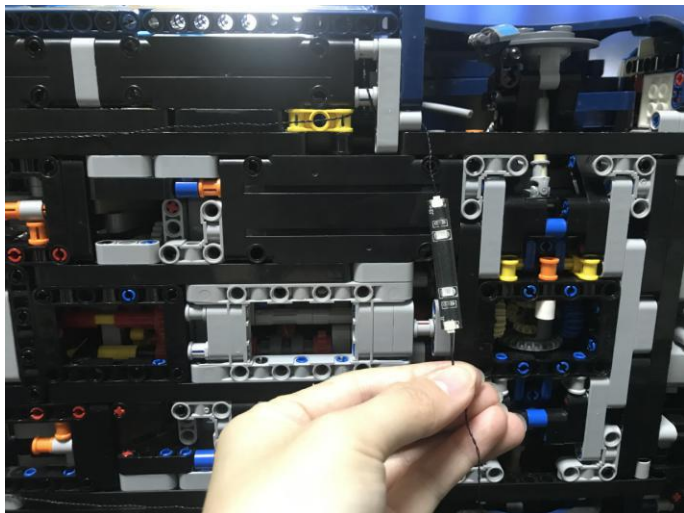
Continue to place the cable as per below.



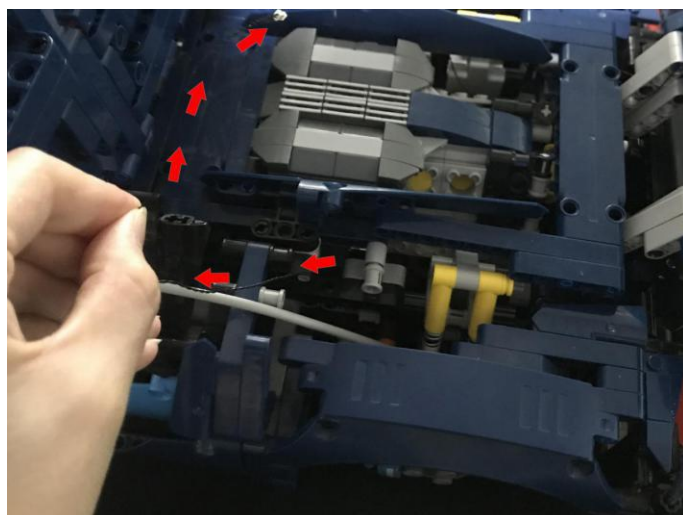
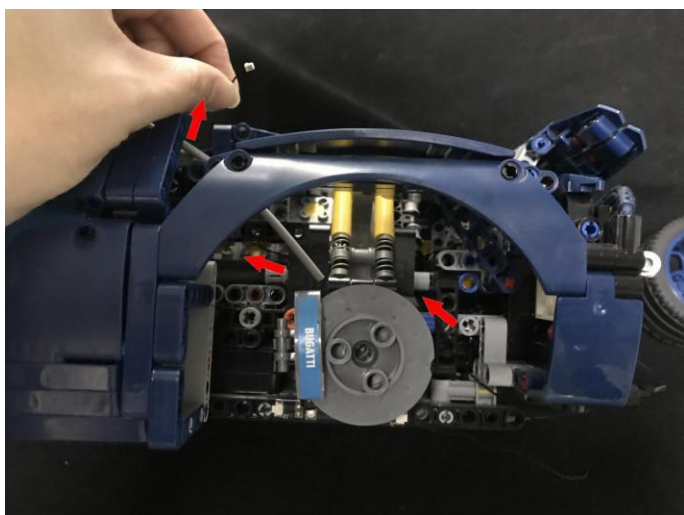
Thread the cable through the following space to the rear wheel.



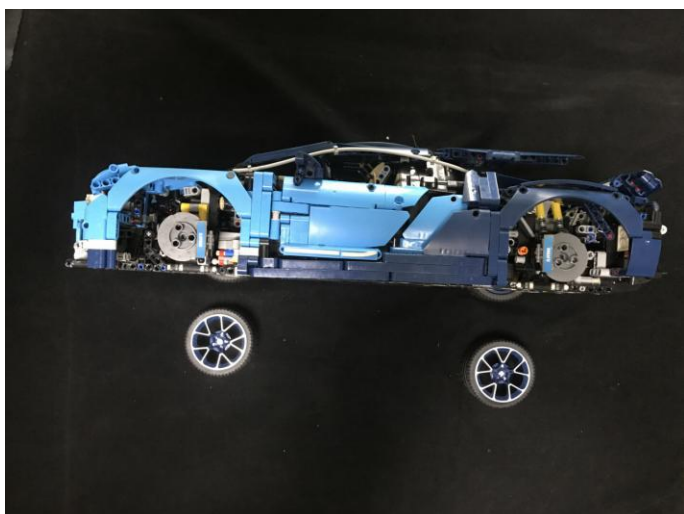
Take the other red strip light, stick it to the following place.



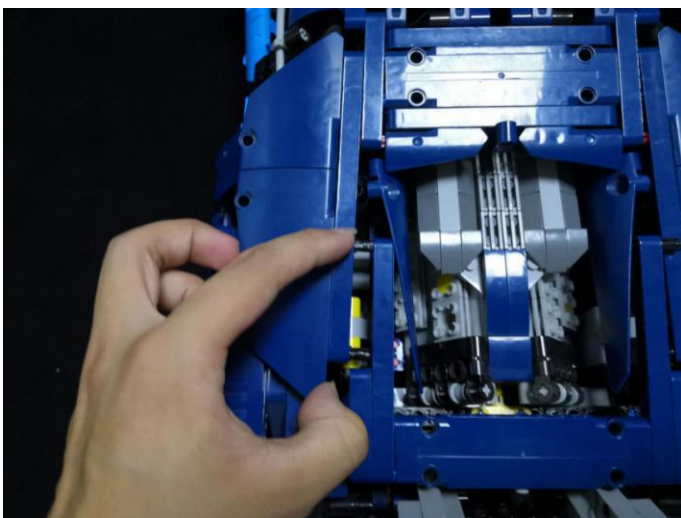
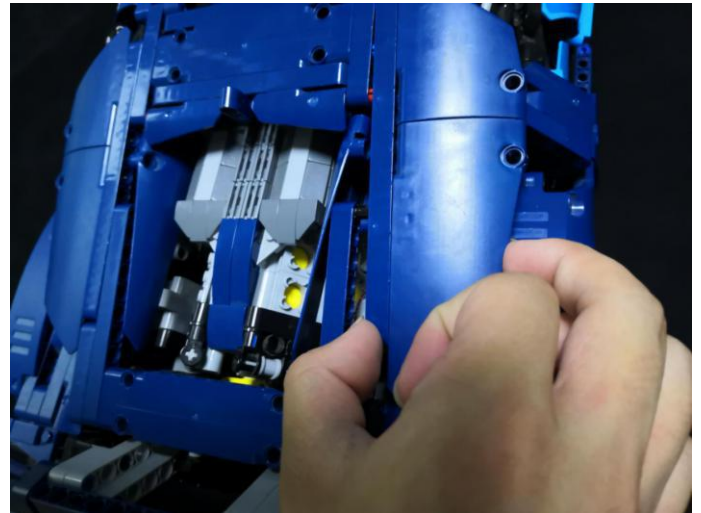
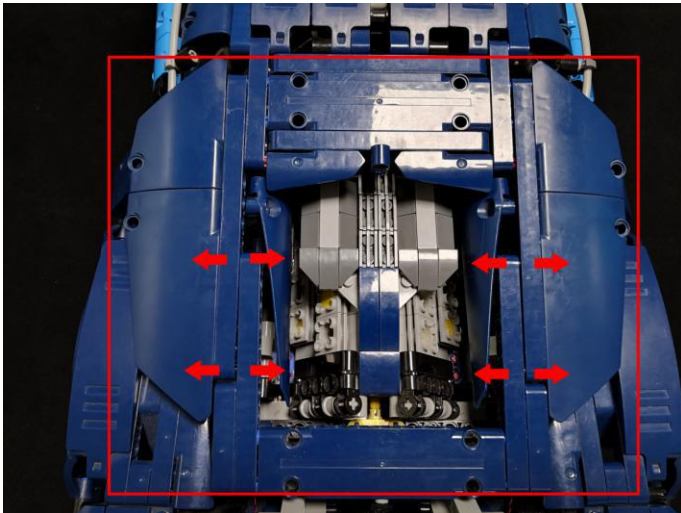
Thread the cable through the following space inside the wheel to the rear engine as per below.



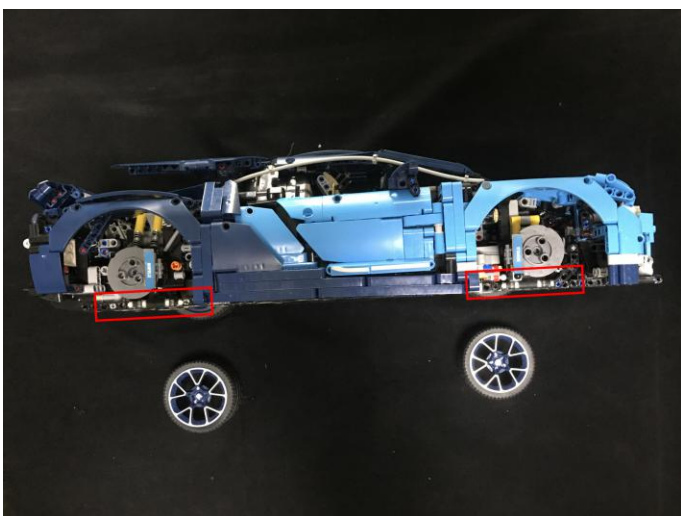
Reconnect the wheels.



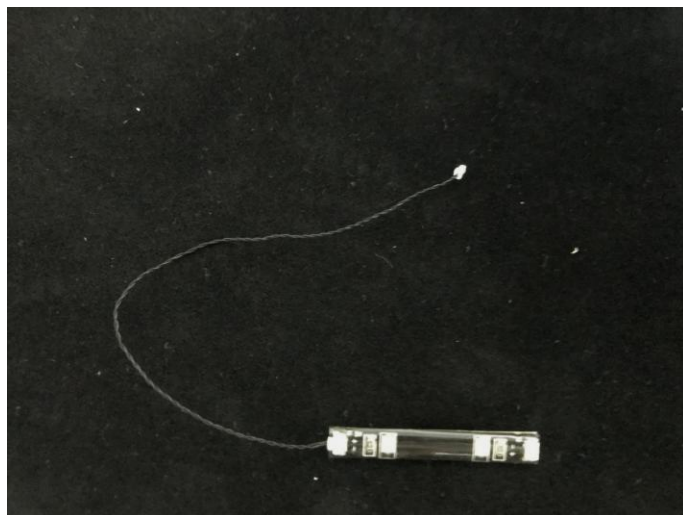
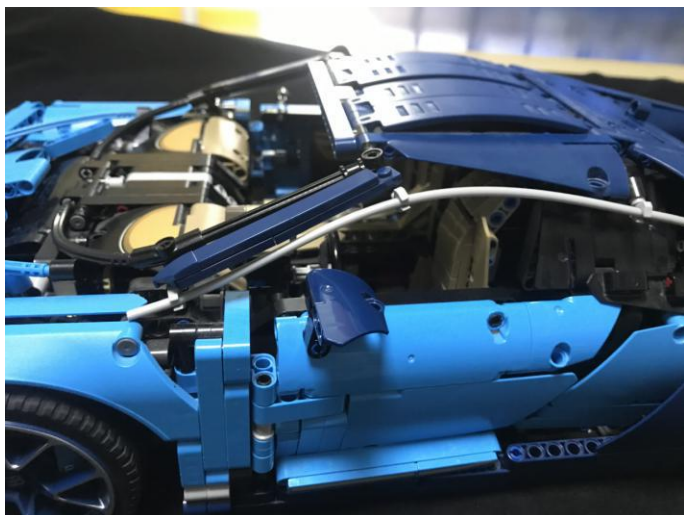
Turn the car back, open the rear engine cover.



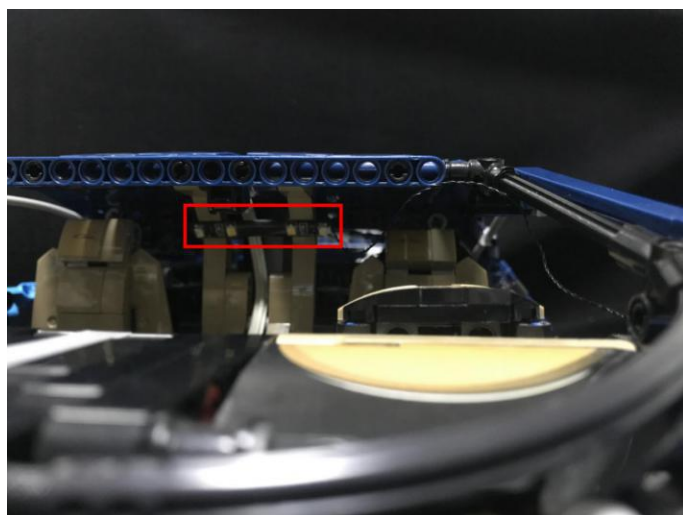
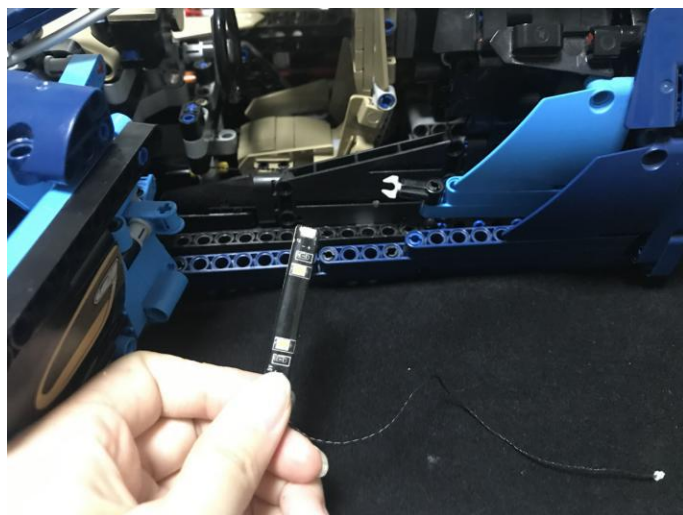
Repeat the previous steps to install lights for the wheels at the other side.



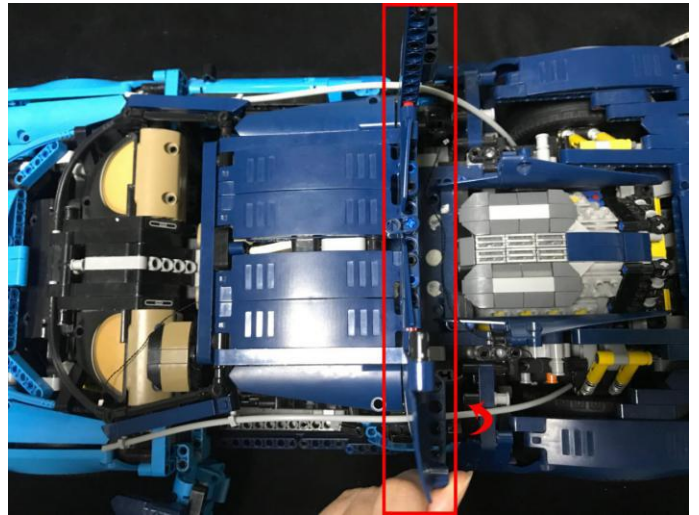
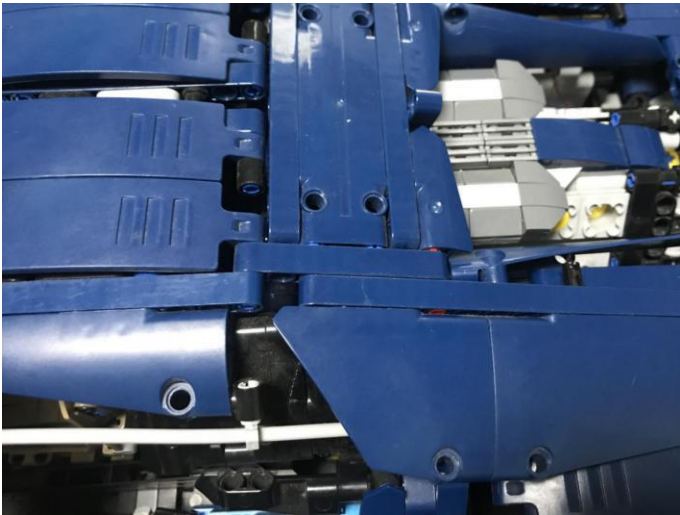
Move onto installing lights for the driver's room. Take a warn white strip light, a 15cm connecting cable, connect the connecting cable to the strip light as per below.



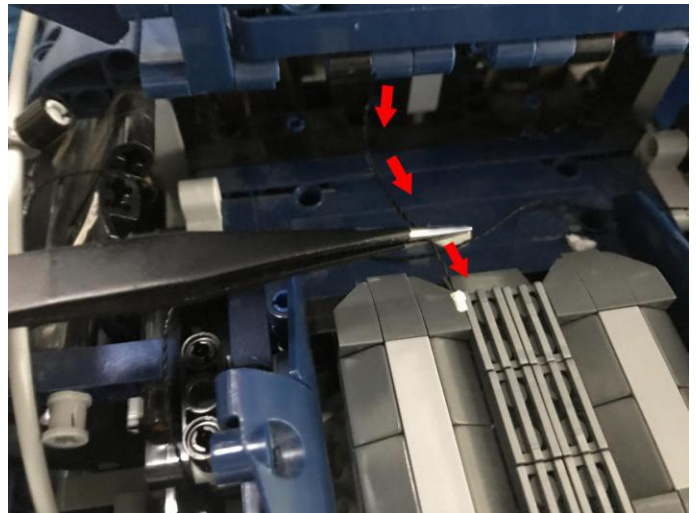
Open the door, stick the strip light to the following place as per below.



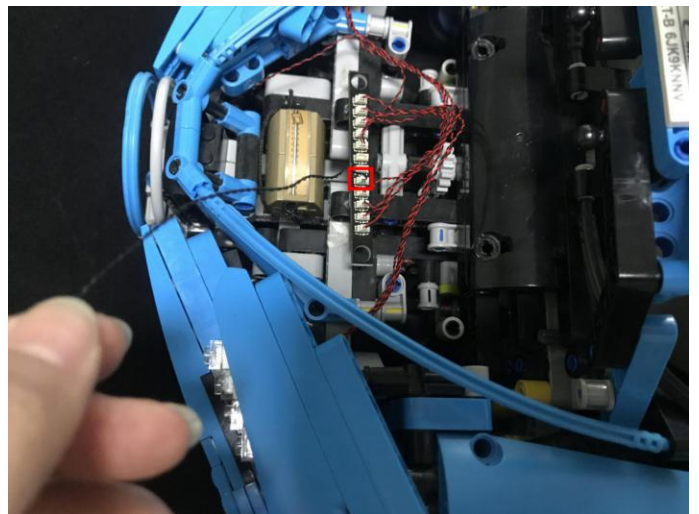
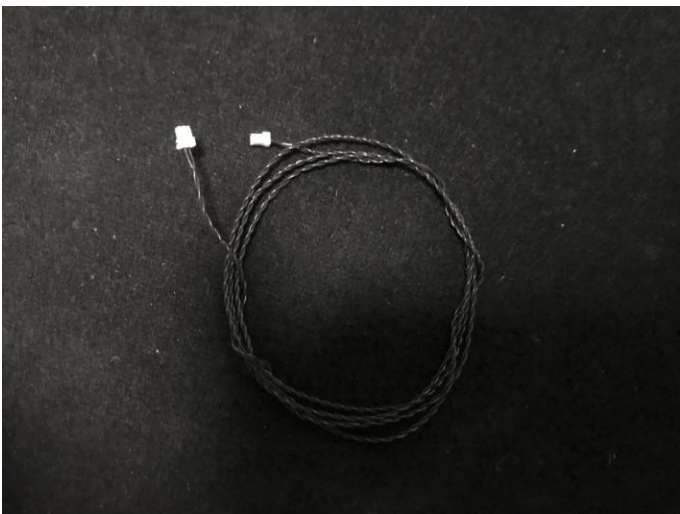
Open the rear engine cover.



Thread the cable through the following space to the rear engine.



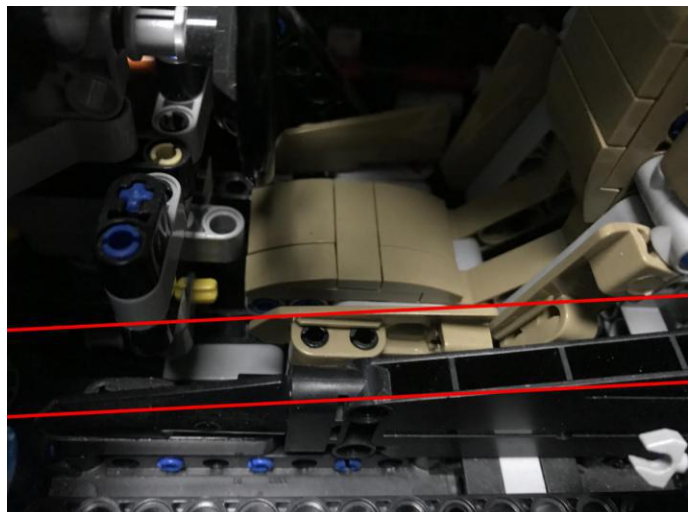
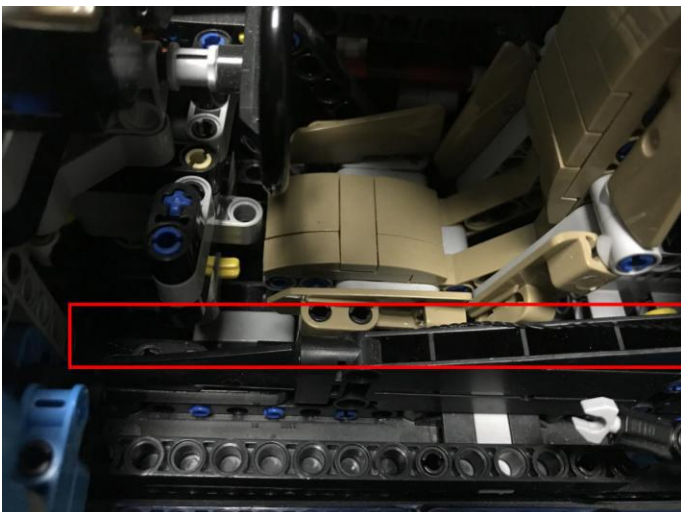
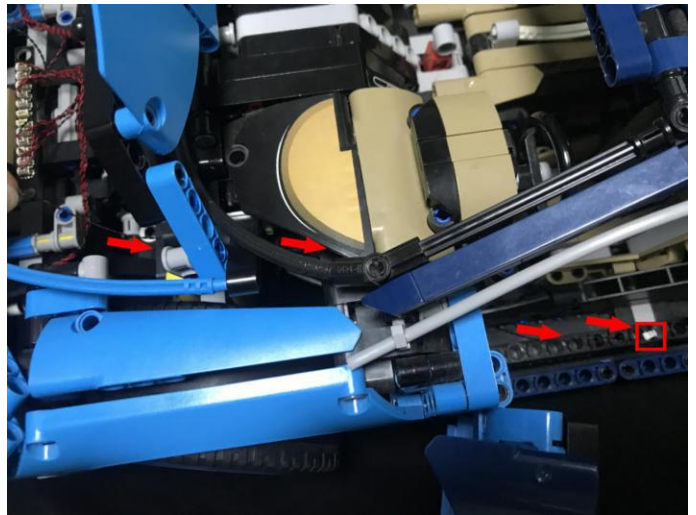
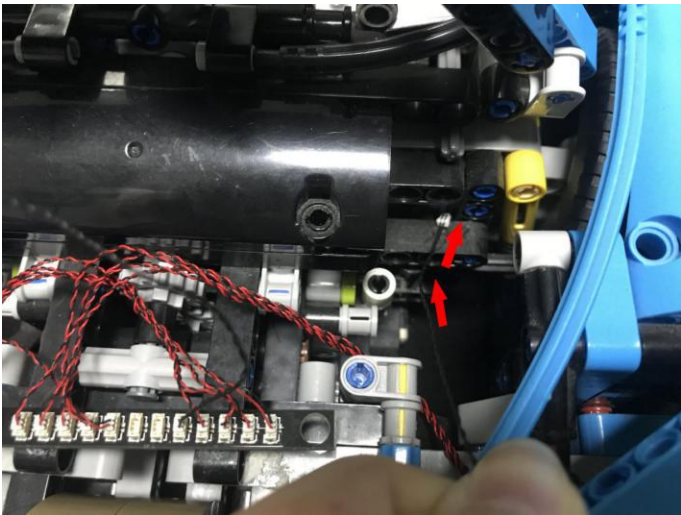
Take a 50cm connecting cable, connect it to the 12-port expansion board.



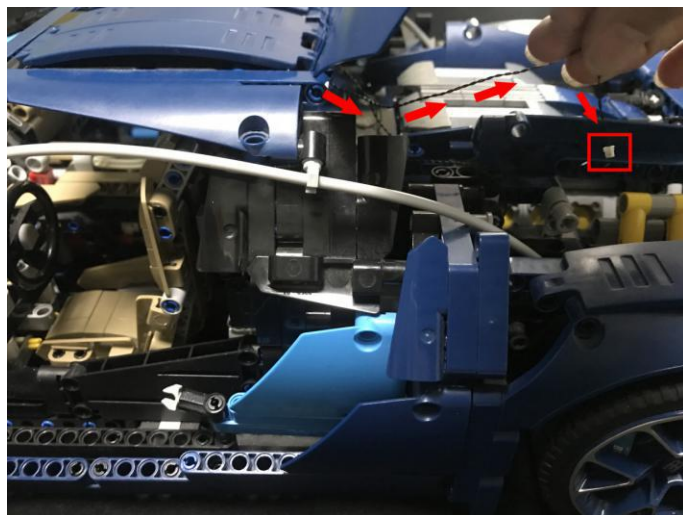
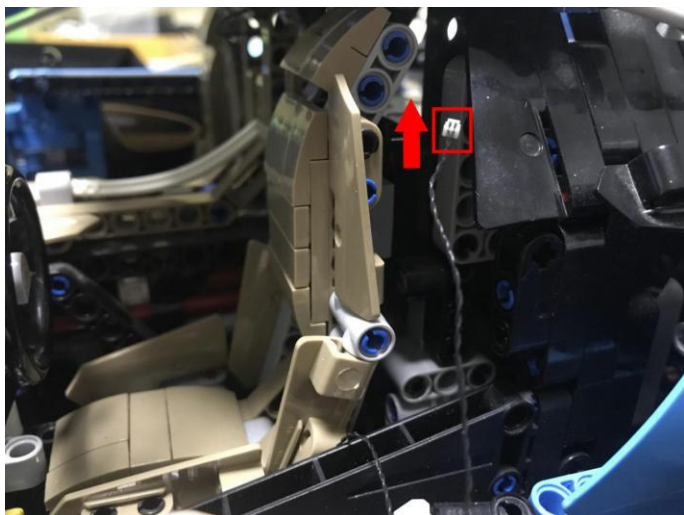
Open the door.



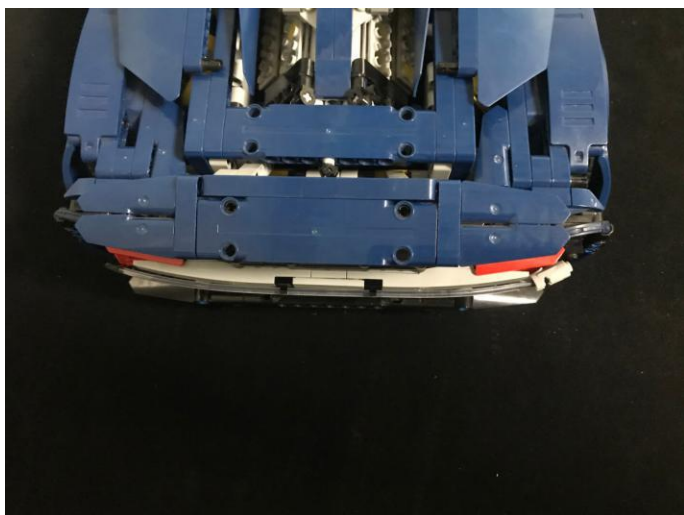
Thread the cable through the following space to the back of the driver's seat.



Continue to thread the cable through the space between seats to the rear engine.



Continue to install lights for the spoiler. Disconnect the spoiler piece as per below.



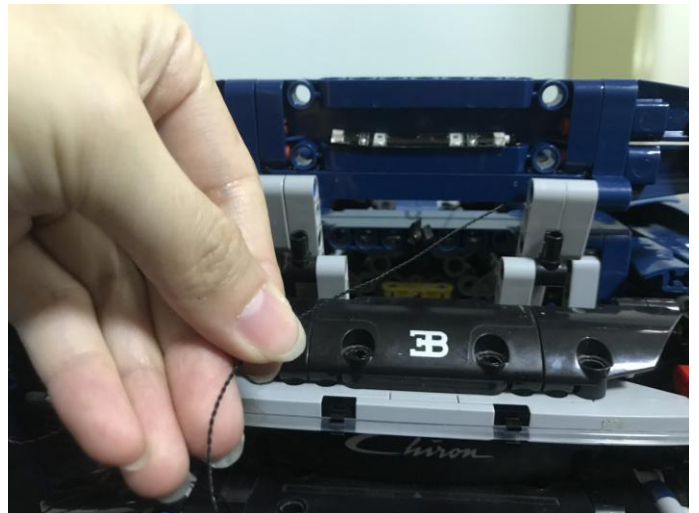
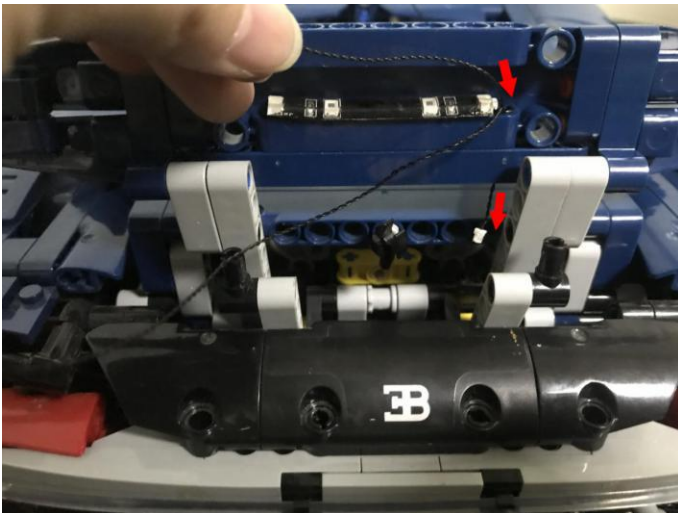
Take a red strip light, a 30cm connecting cable, connect the connecting cable to the strip light



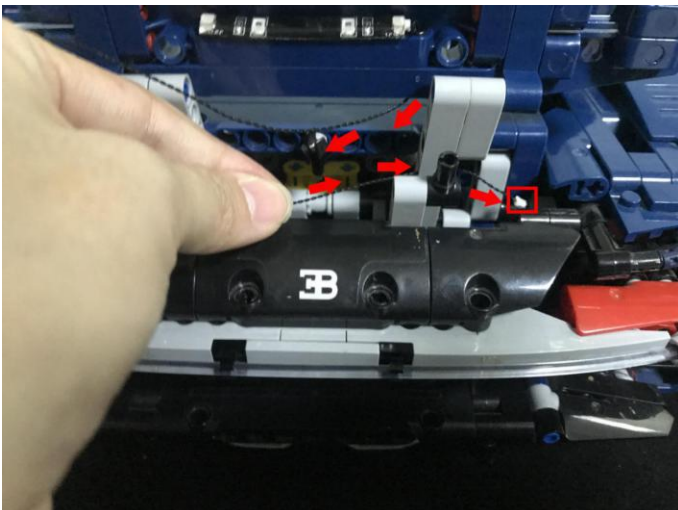
Stick the strip light to the spoiler (do not block the holes).



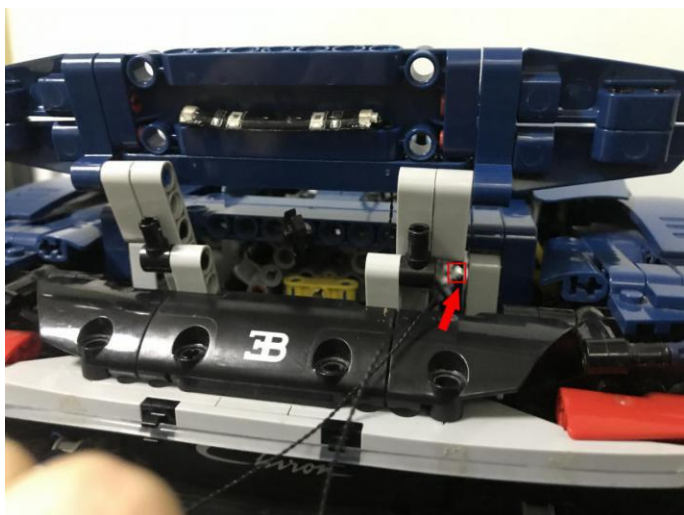
Thread the cable through the following space, pull the cable out.



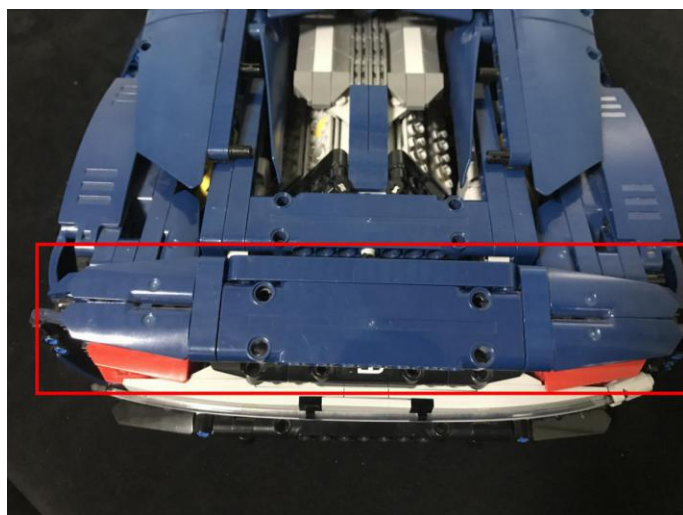
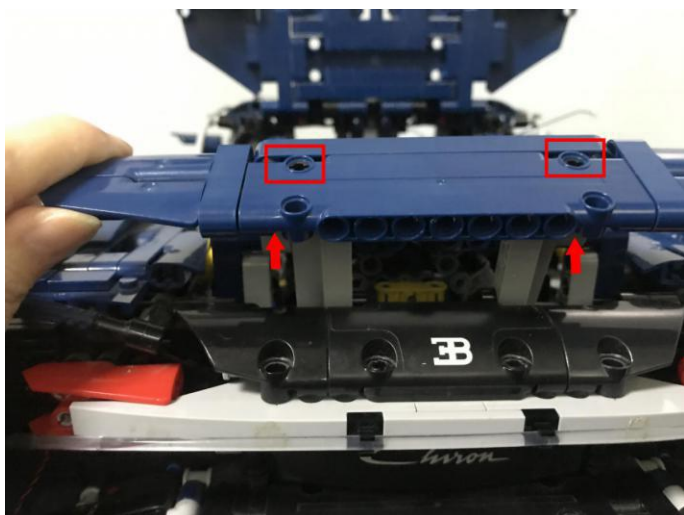
Pull the cable alongside the right support, thread the cable through the following hole.



Pull the cable back toward to the engine.

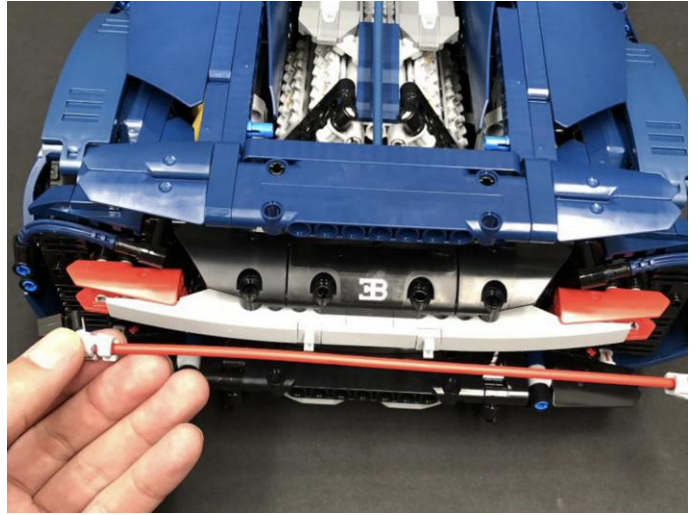
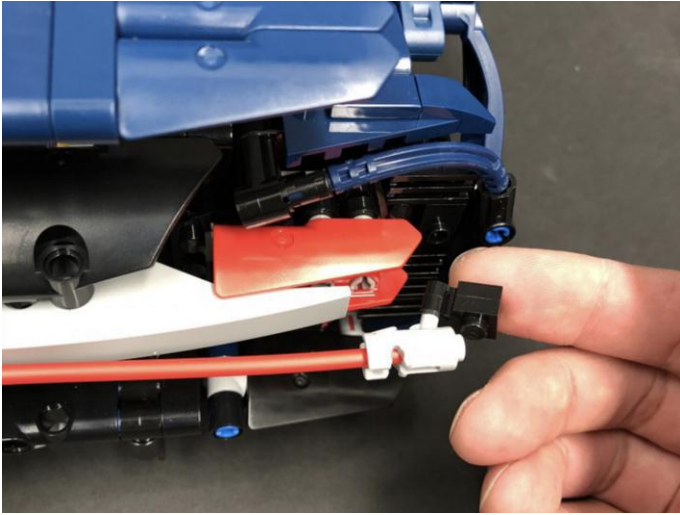


Reconnect the spoiler.

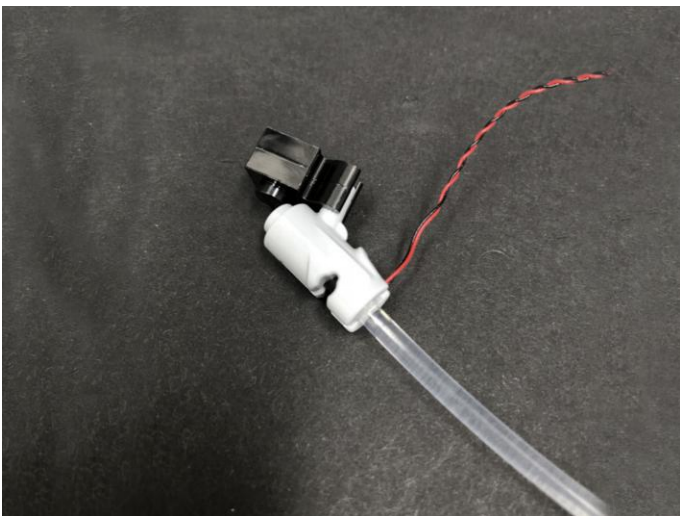
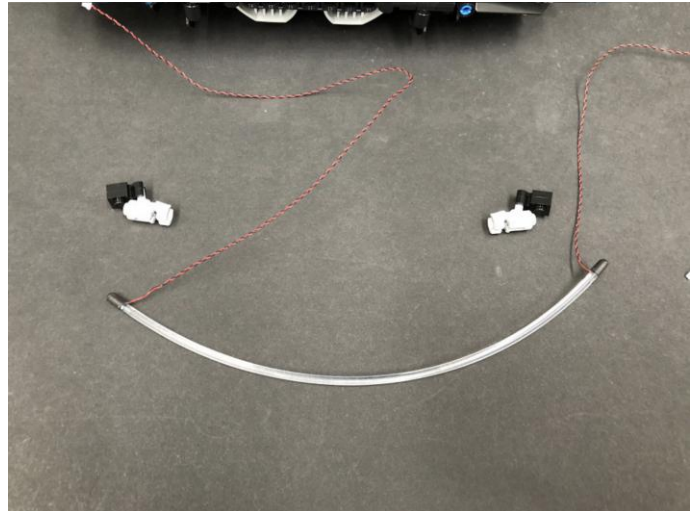
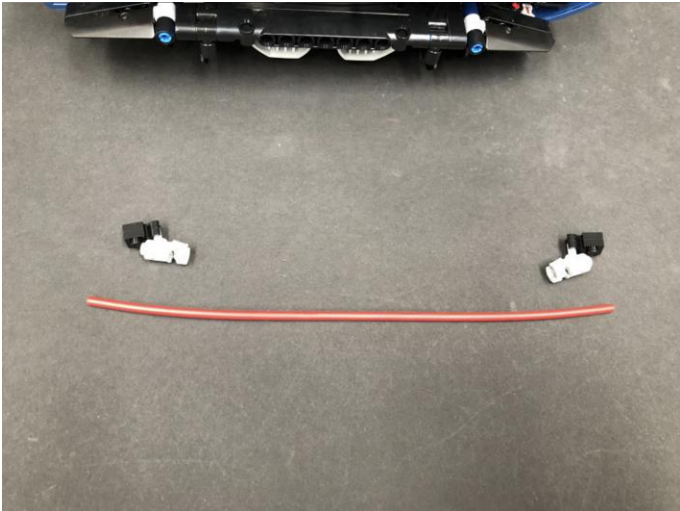


Disconnect the following red piece.

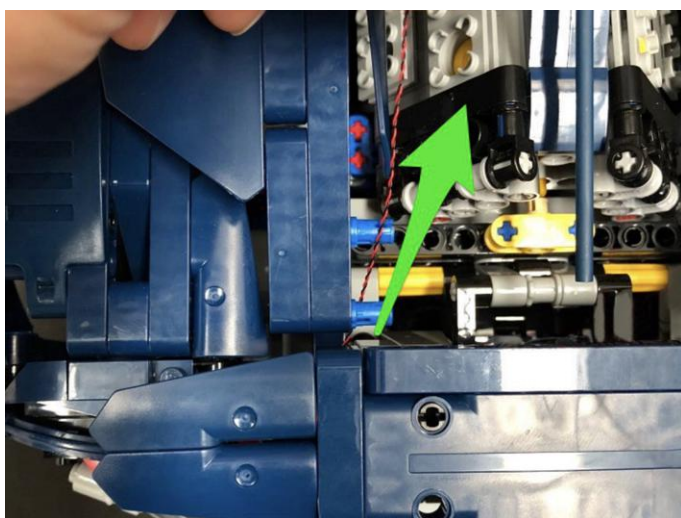
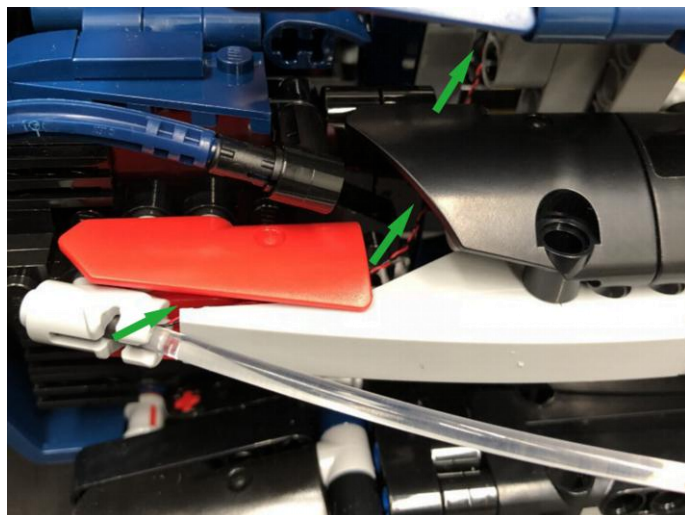
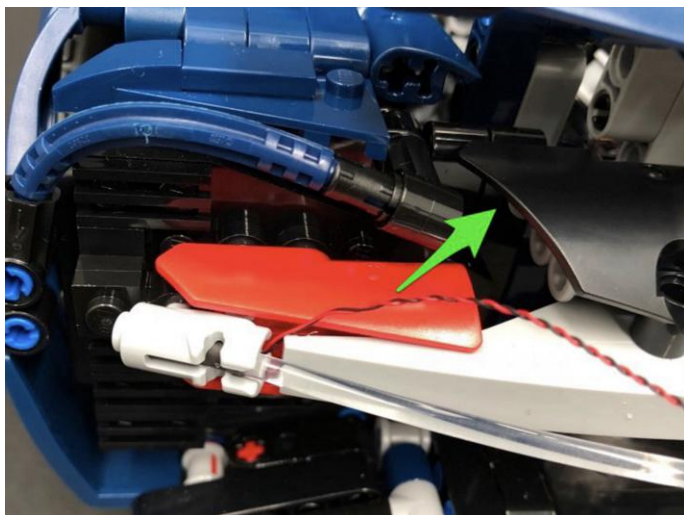




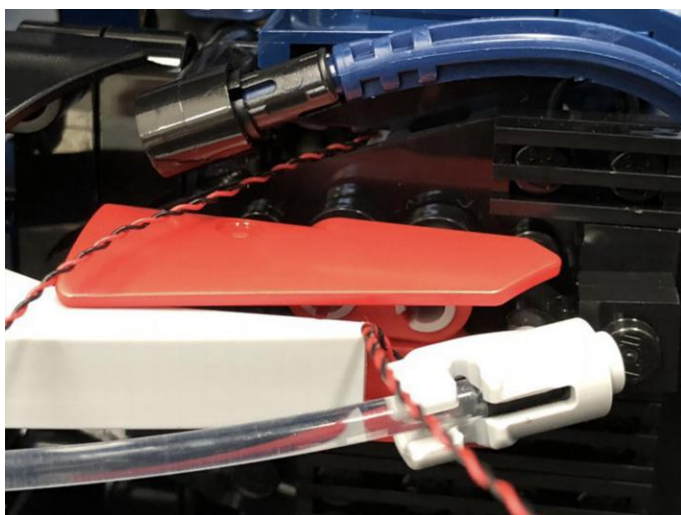
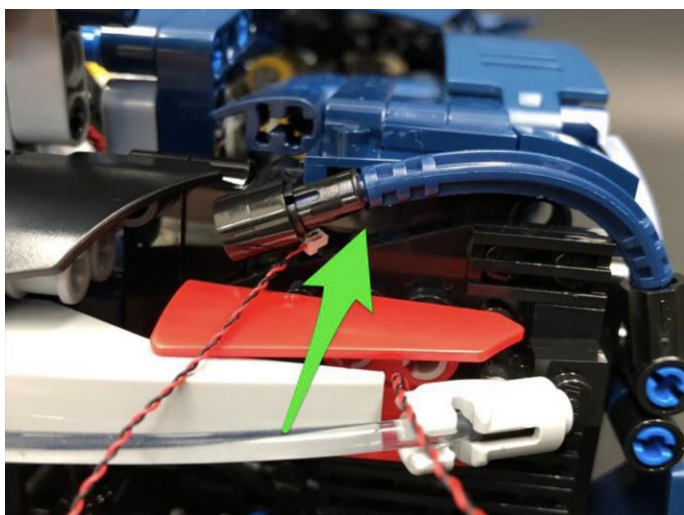
Disassemble the following piece, replace the stick with the 20cm red stick light. Make sure the cables are placed inside the light gray slots.



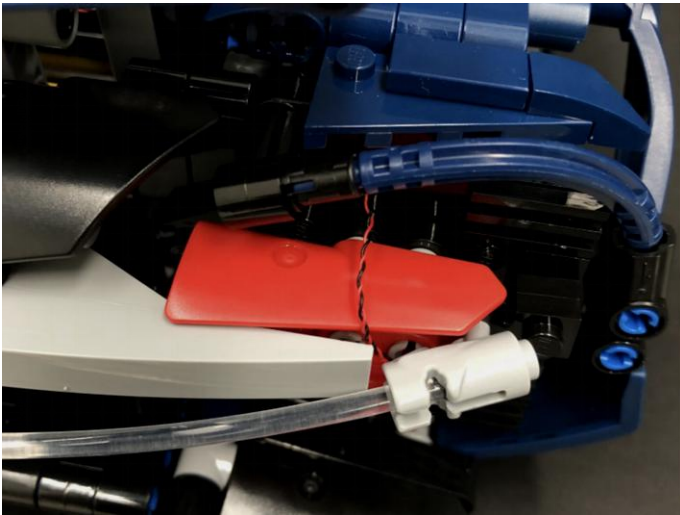
Connect the left side of the stick light to the car, thread the cable as per below.



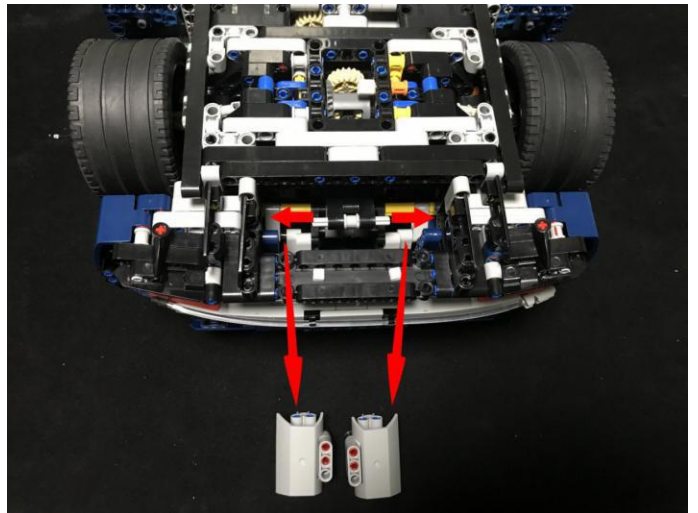
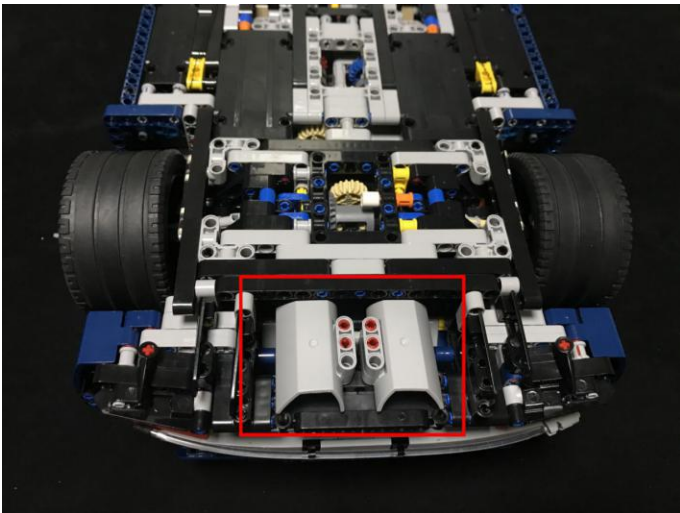
Similarly thread the cable at the right side of the stick light to the roof.



Turn the car over, hide the cable underneath the red piece as per below.



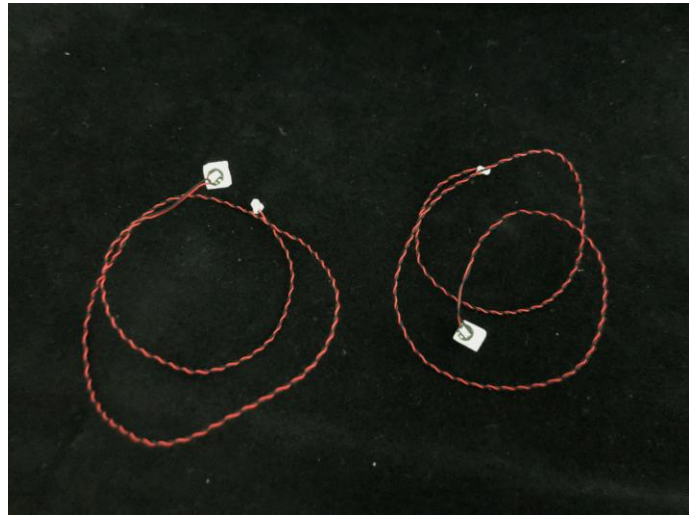
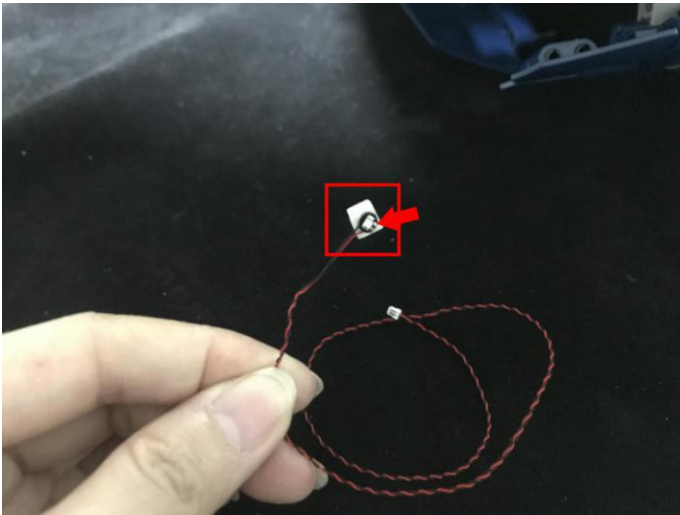
Continue to install lights for the pipes, disconnect the pipes as per below.



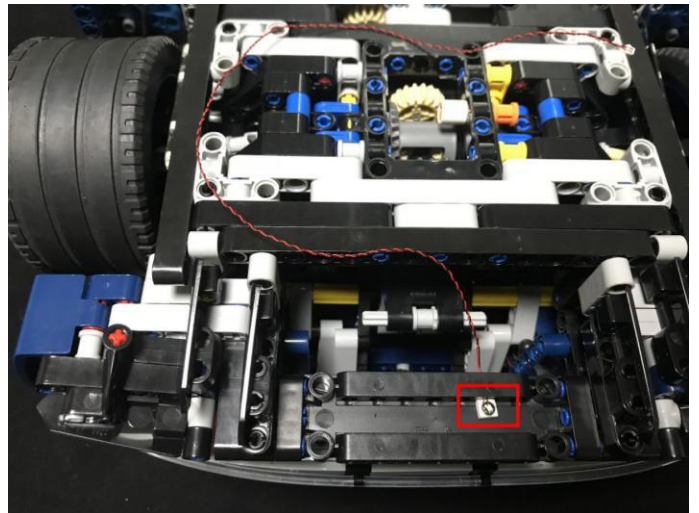
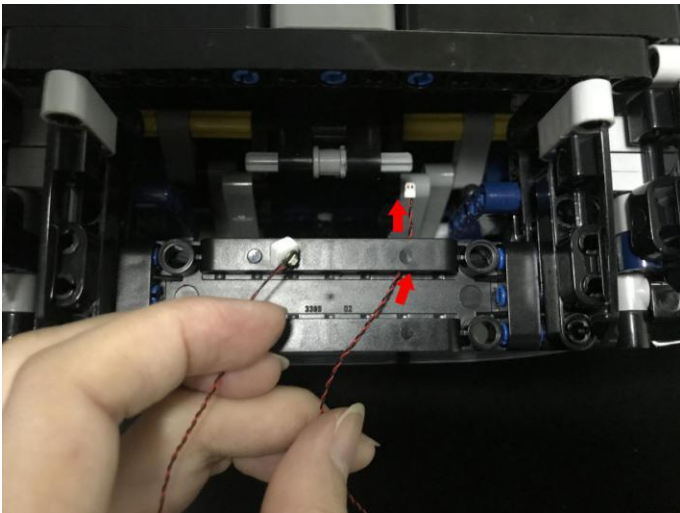
Take 2 blue 30cm dot lights, 2 adhesive squares.



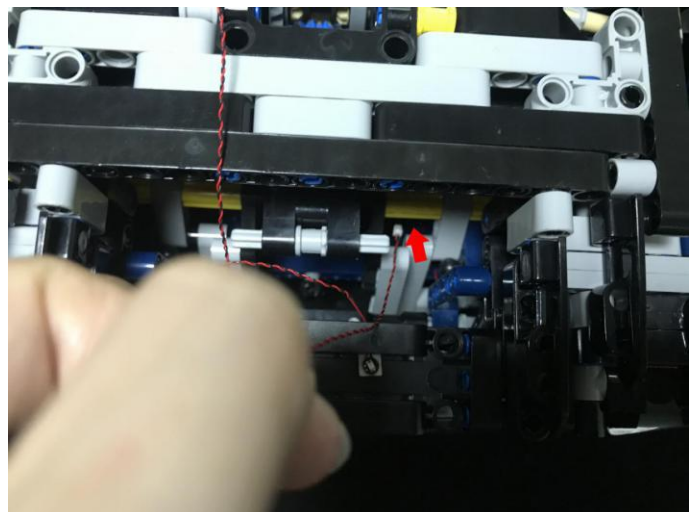
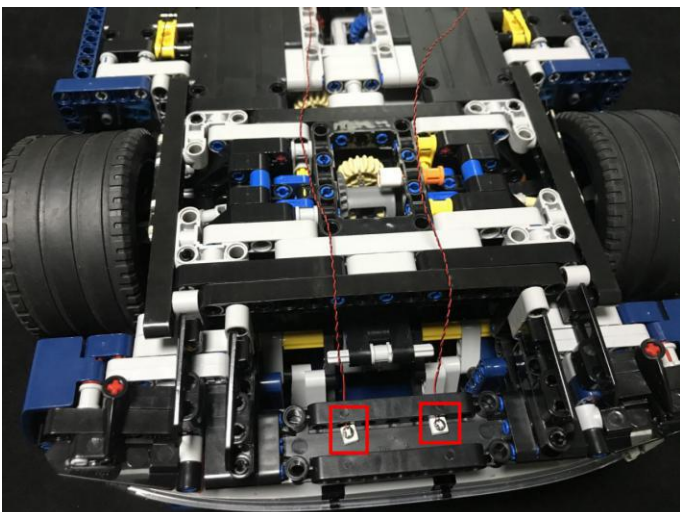
Stick the adhesive squares to the lights as per below.

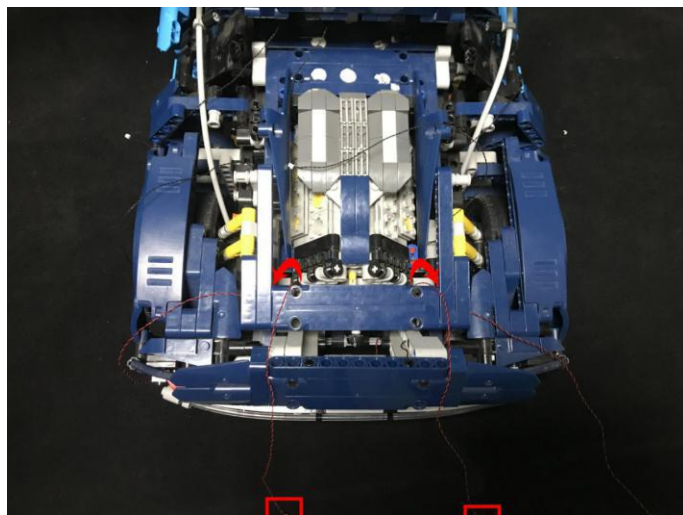
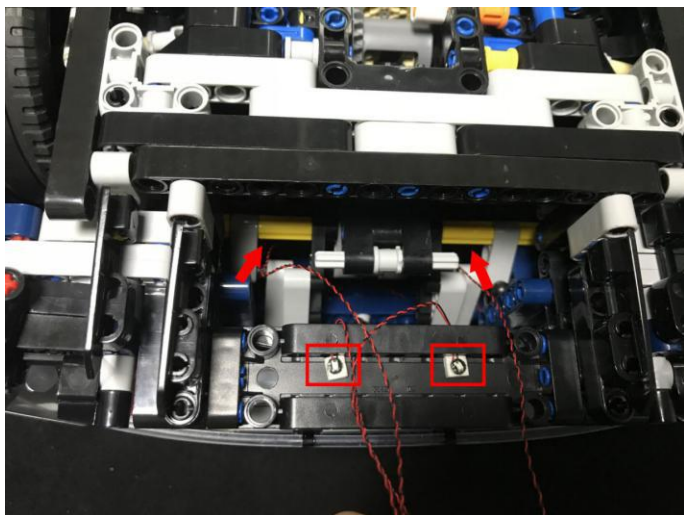


Thread the cable through the following hole, pull the cable out, stick the light to the following place.

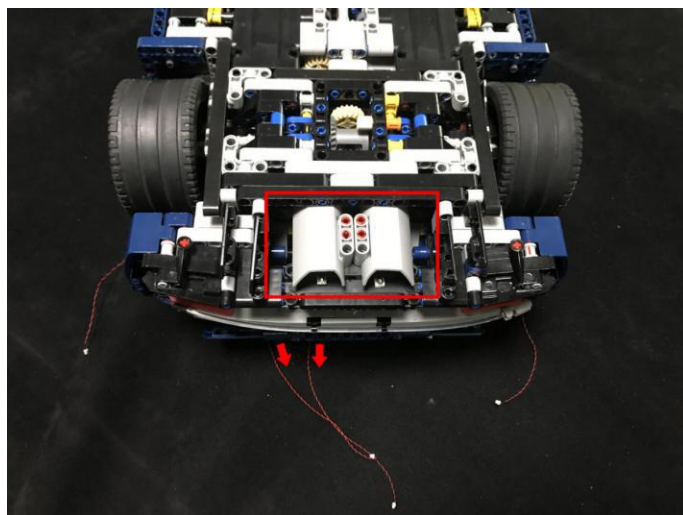
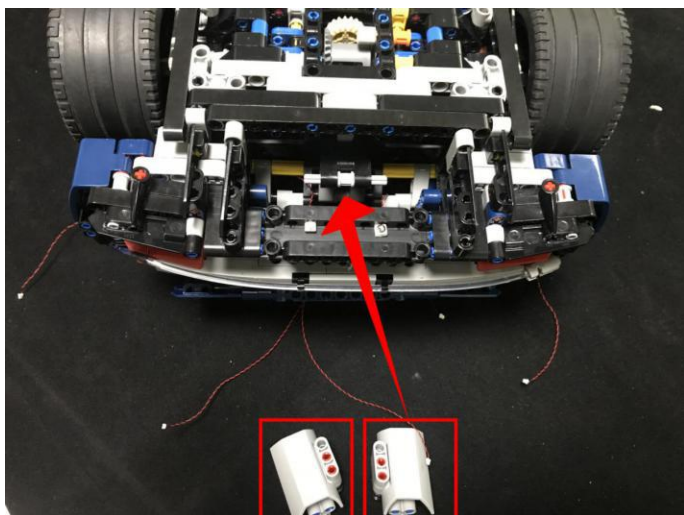


Repeat the steps above to install the light at the other side. Place the 2 cables as per below.

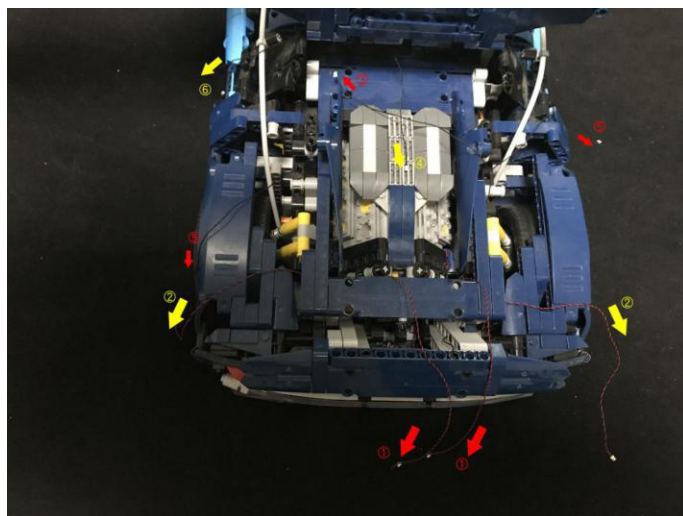
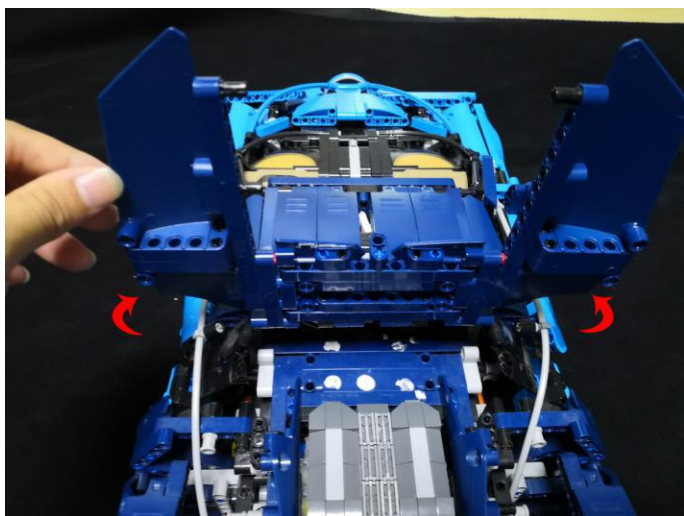




Reconnect the 2 pipes.

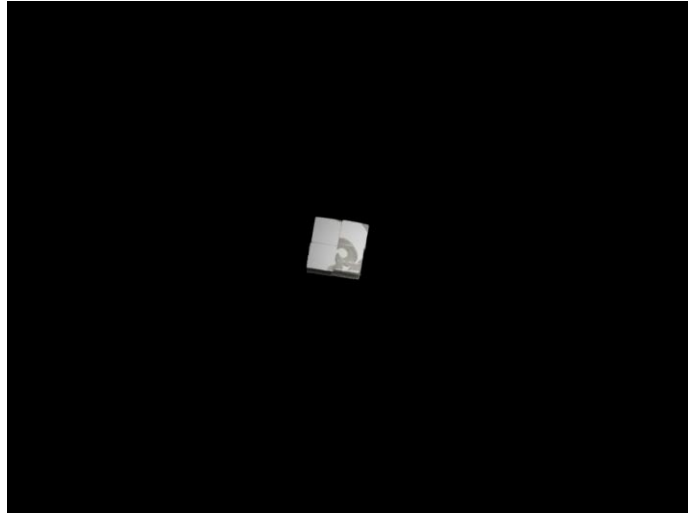
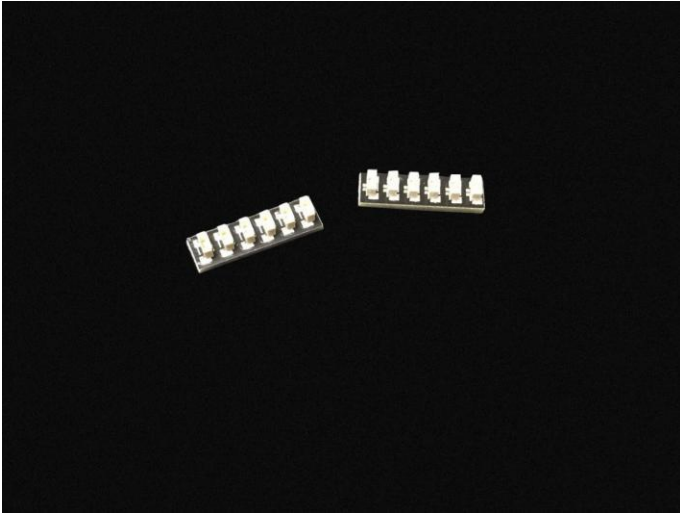


Turn the car back, open the engine cover, the cables are placed as per below.

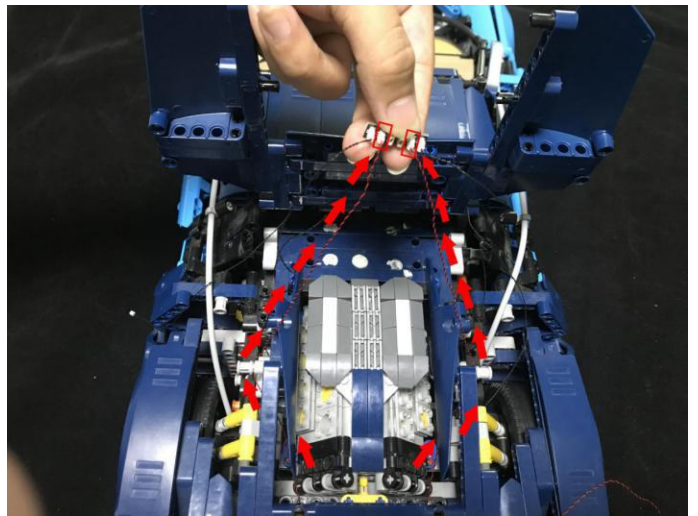
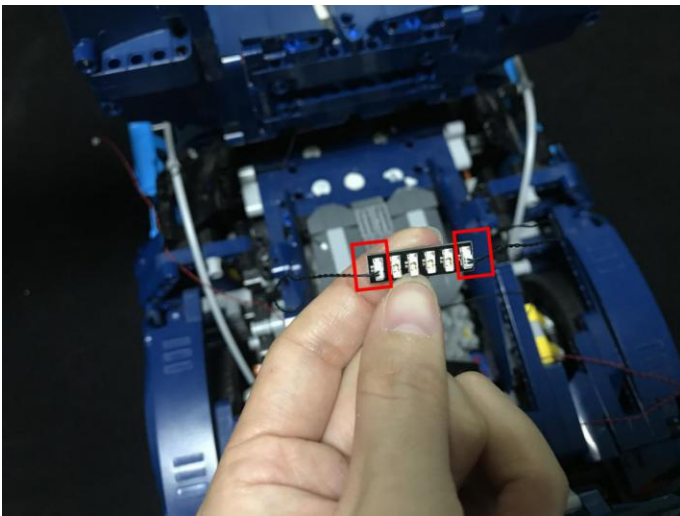


①cables of the pipe lights; ②cables of the rear lights; ③cable of the spoiler light; ④cable of the light from the driver's room; ⑤cables of wheel lights; ⑥cables of the headlights.

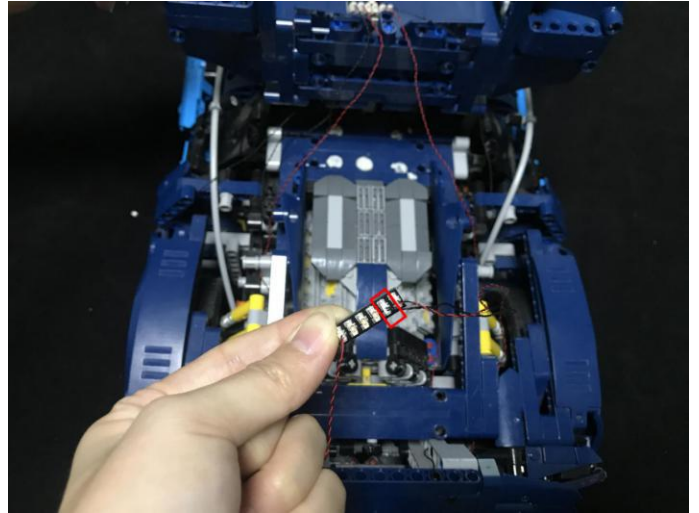
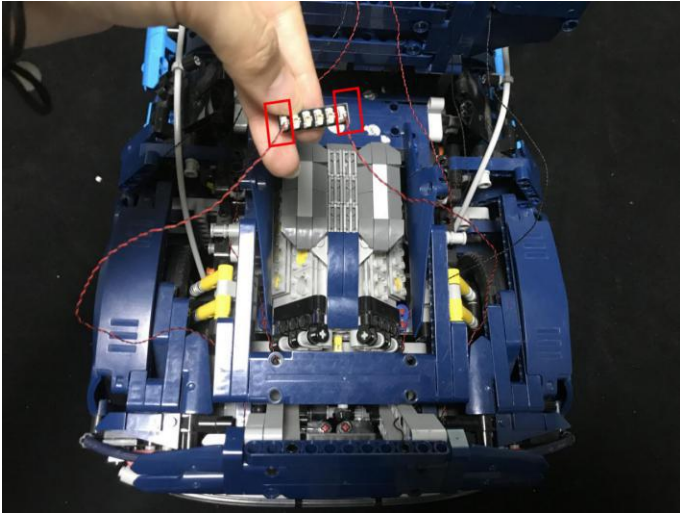
Take two 6-port expansion boards, 4 adhesive squares.



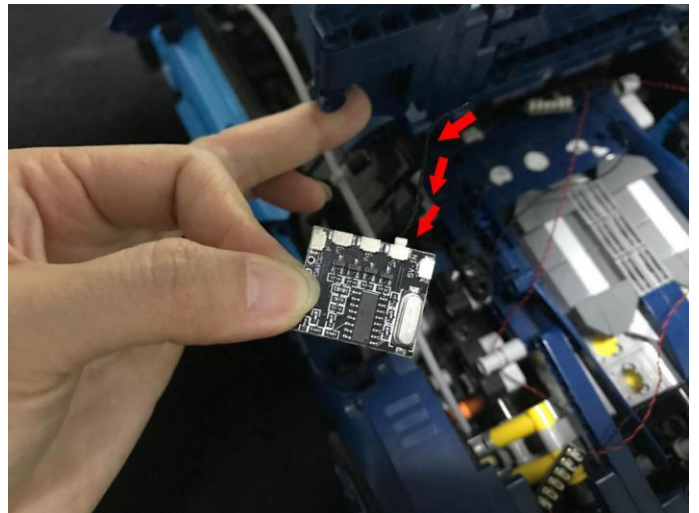
Connect the number ⑤ cable to the 6-port expansion board, connect the number ① cables to the expansion board.



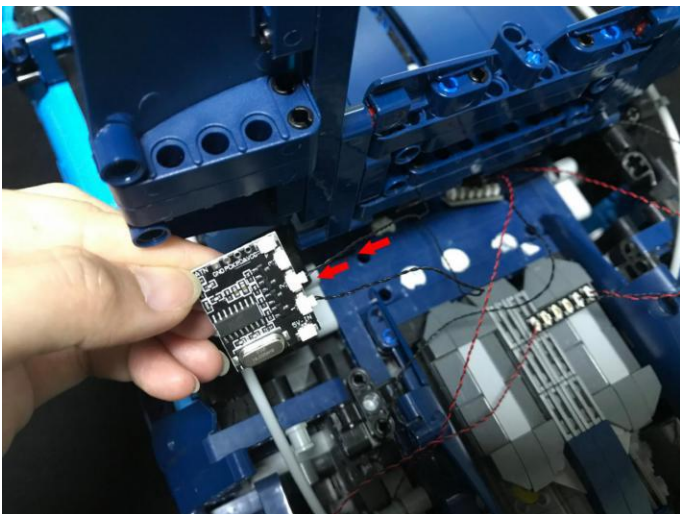
Connect the rear lights to another 6-port expansion board, connect the spoiler light to it as well.



Take the remote control switch board, connect the headlight to the port '1'.

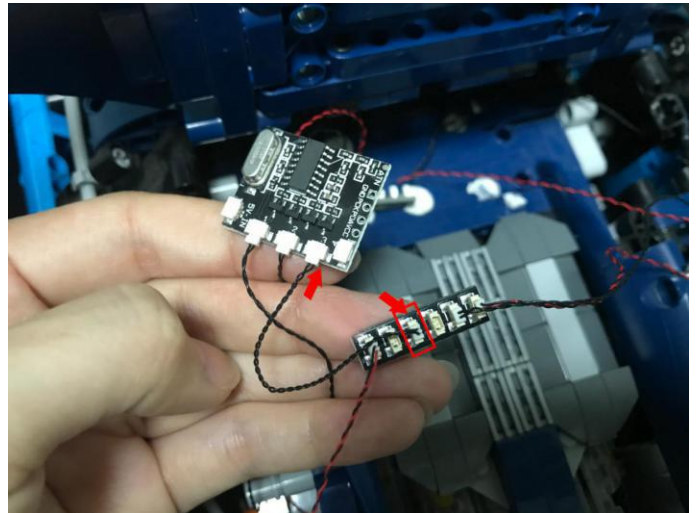
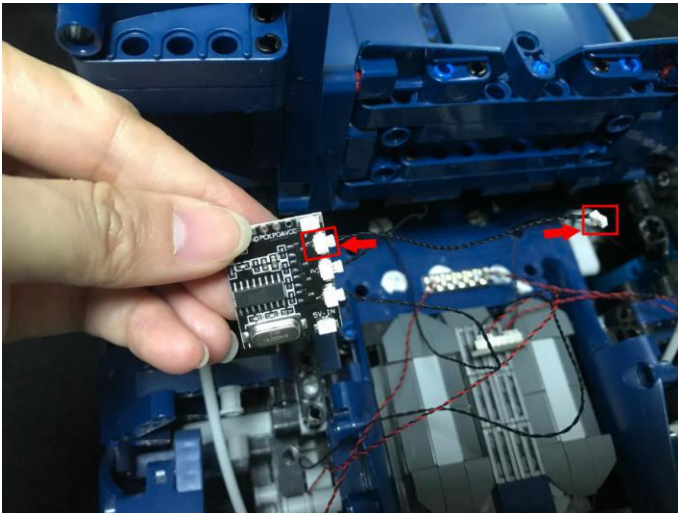


Connect the cable from the driver's room to the port '2', take two 5cm connecting cables.

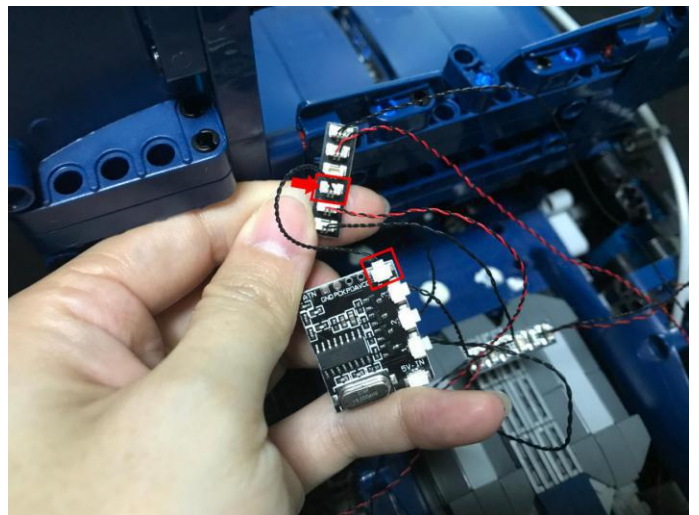
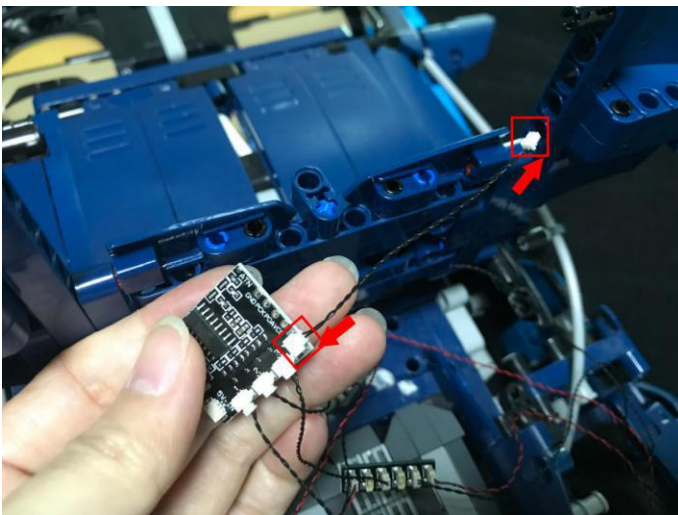


Connect a 5cm connecting cable to the port '3', connect the other end to the 6-port

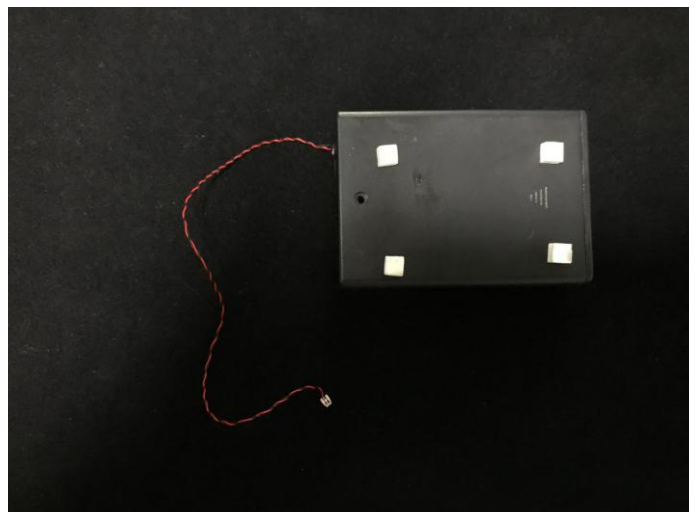
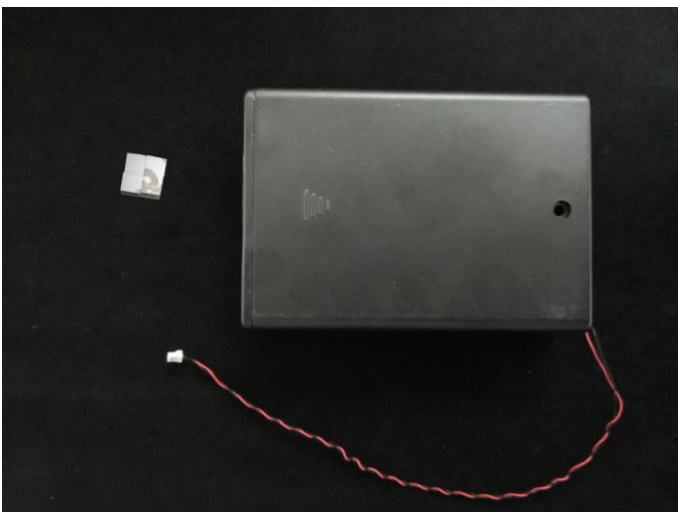
expansion board (with rear lights and spoiler light connected).



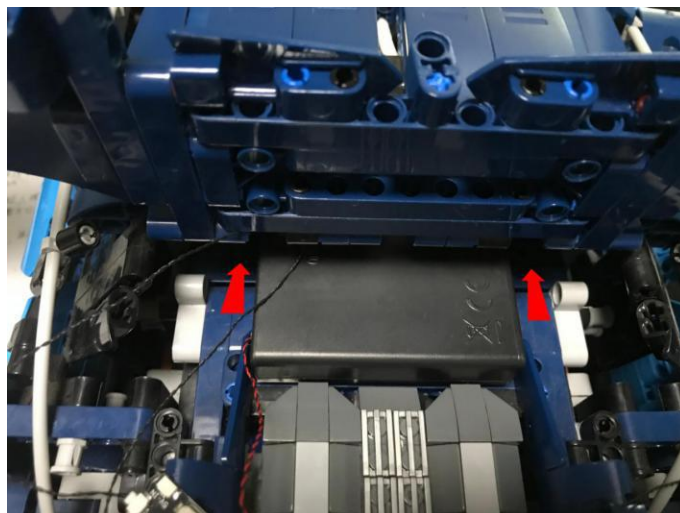
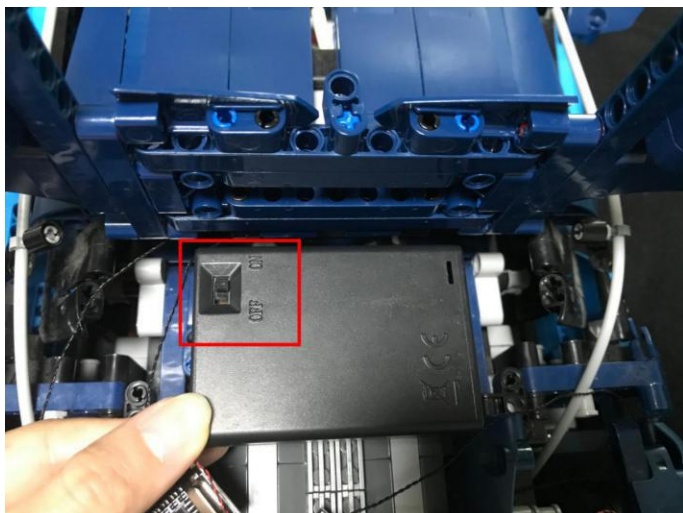
Connect the other 5cm connecting cable to the port '4', connect the other end of the cable to the 6-port expansion board (with lights of the wheels and the pipes connected).



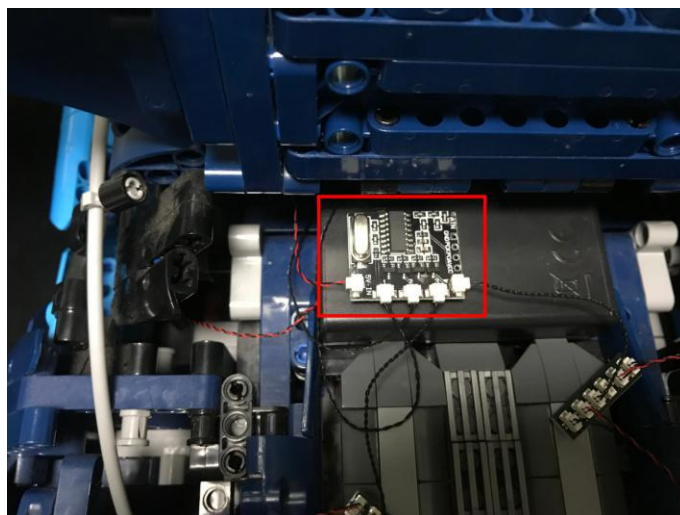
Take the battery pack, 4 adhesive squares, stick the adhesive squares to the battery pack.



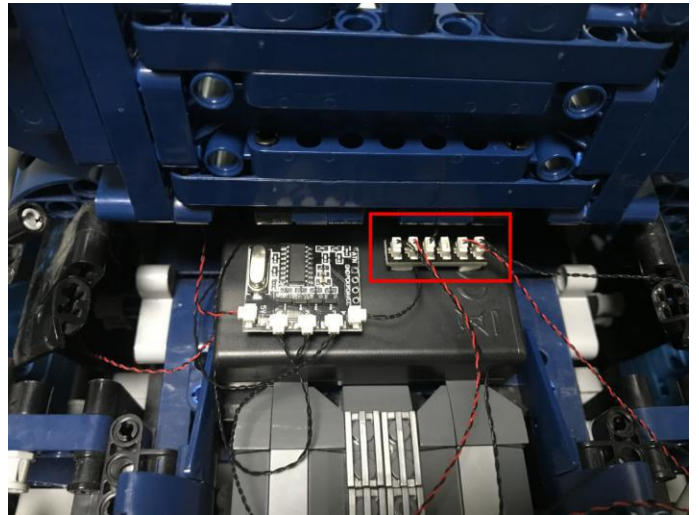
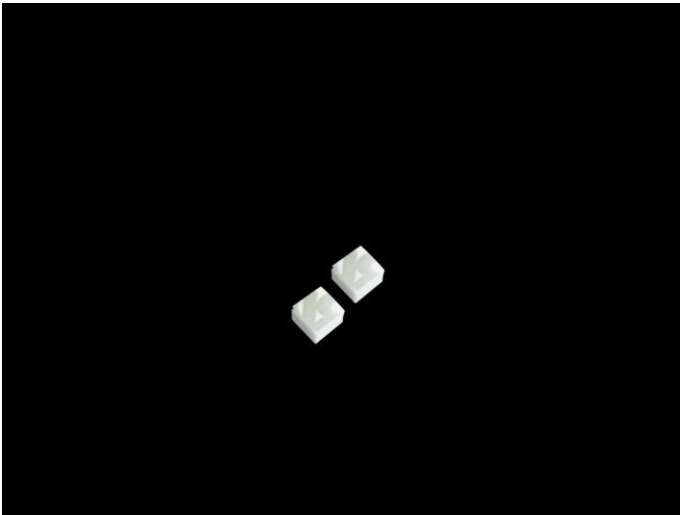
With switch facing up, stick the battery pack on the engine.



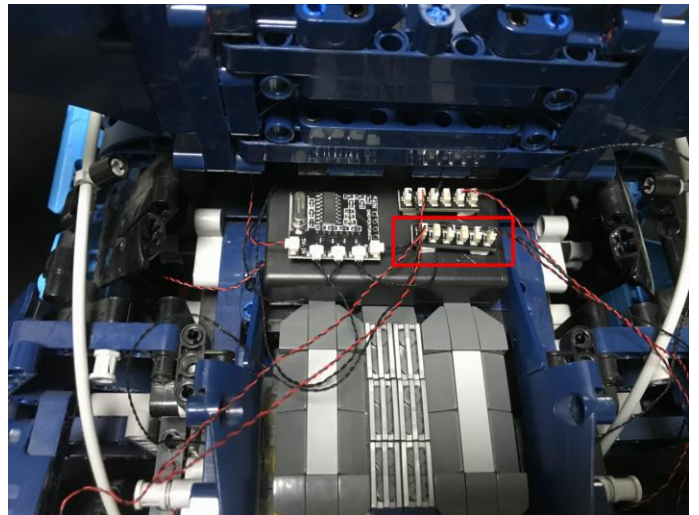
Take 2 adhesive squares, stick the remote control switch board on the battery pack as per below.



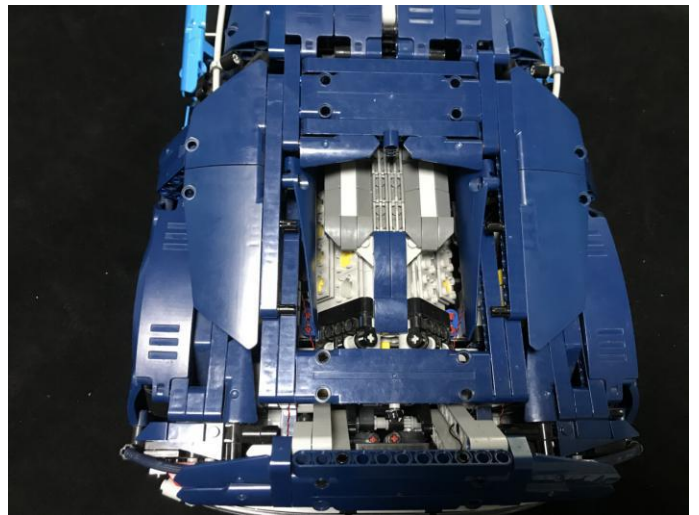
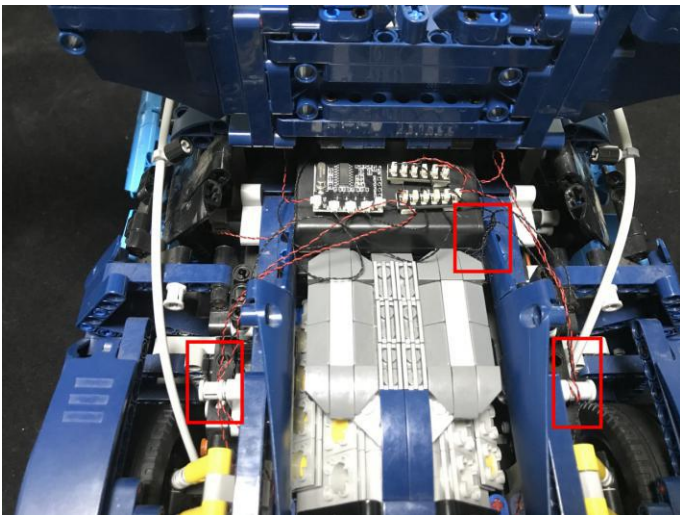
Take 2 adhesive squares, stick the following 6-port expansion board on the battery pack as per below.



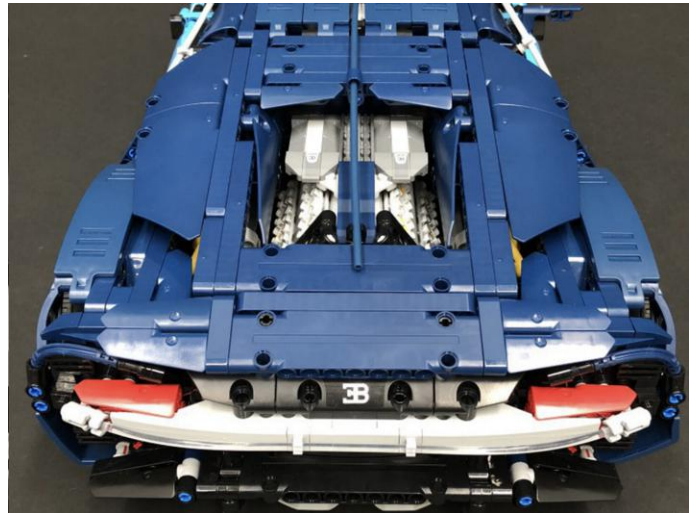
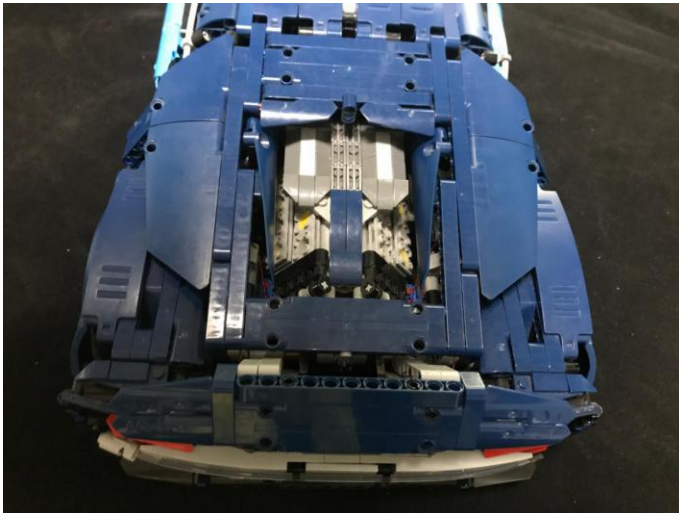
Take 2 adhesive squares, stick the other 6-port expansion board on the battery pack as per below.



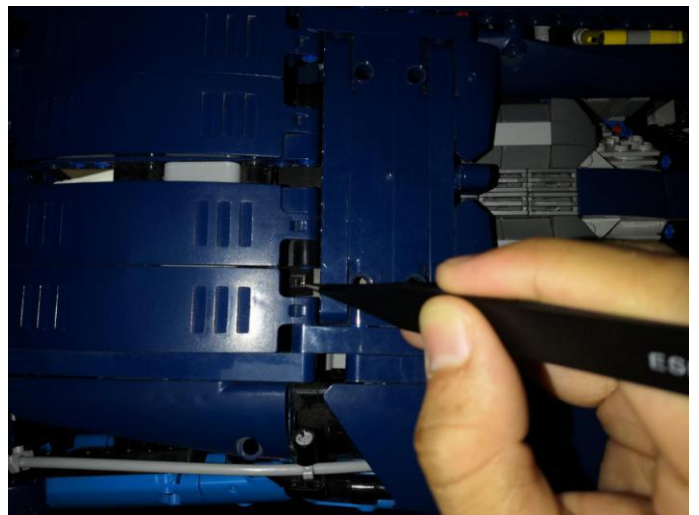
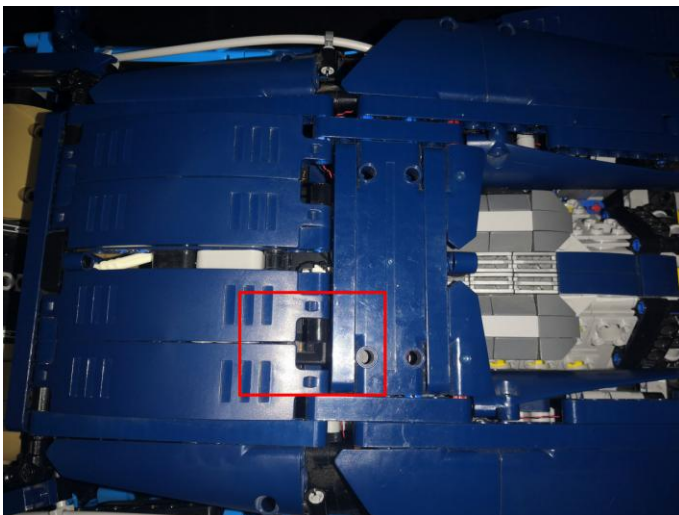
Tuck excess cables around the pieces and the expansion boards.



Reconnect the engine cover.

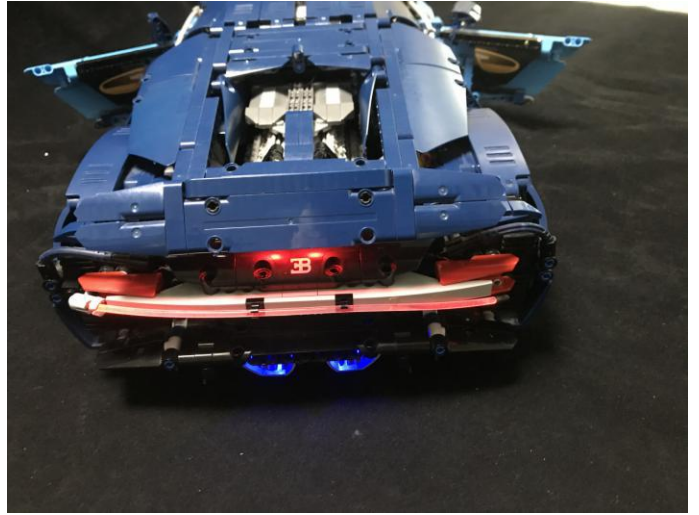


This completes installation of this lighting kit. You can take a tweezer to help to turn on or turn off the power as per below.



Product display:





The above are ideas and instructions provided by our designers. Please move on:

- 1: Do you have any suggestions about the material and quality of our products?
- 2: Do you have any suggestions on the installation instructions and the degree of difficulty of the installation?
- 3: If you have better installation method and ideas, please contact us in time.