

VOLKSWAGEN T1 CAMPER VAN #10220 Advanced Version

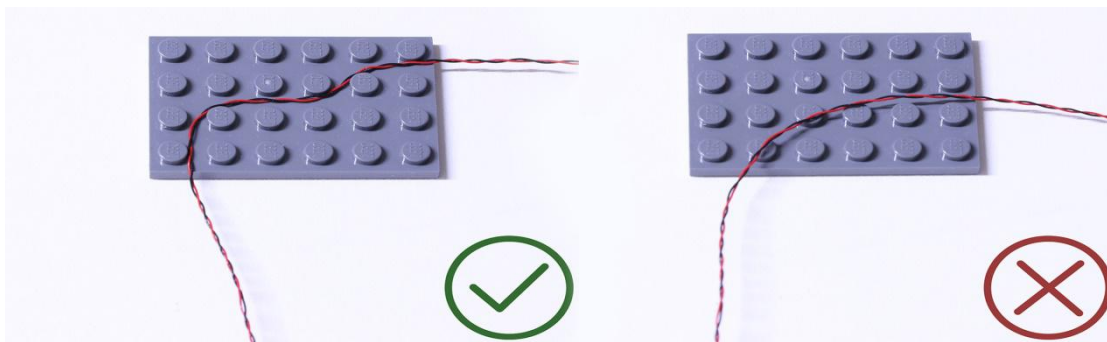
Pocket Content:

- 1 X 12-Port Expansion Board
- 1 X 8-Port Expansion Board
- 1 X Square Button Battery Pack
- 6 X 30cm Warm White Dot Lights
- 9 X 30cm White Dot Lights
- 1 X 5cm Connecting Cable
- LEGO Pieces

Note:

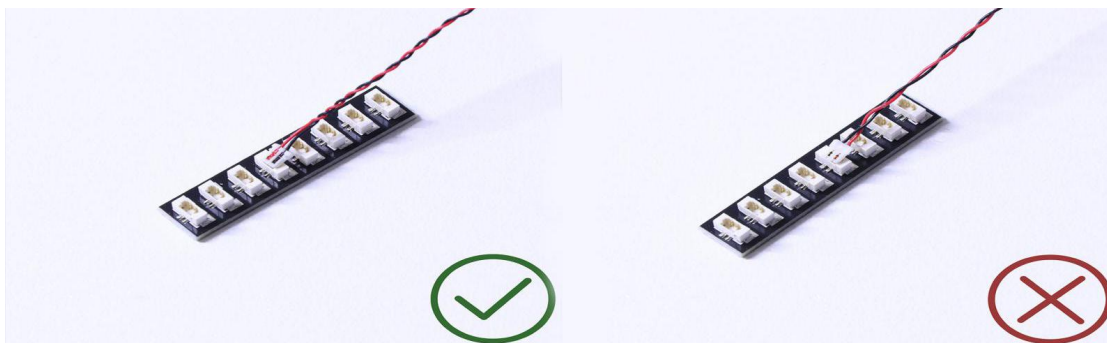
Place wires on the surface or under the LEGO building blocks.

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

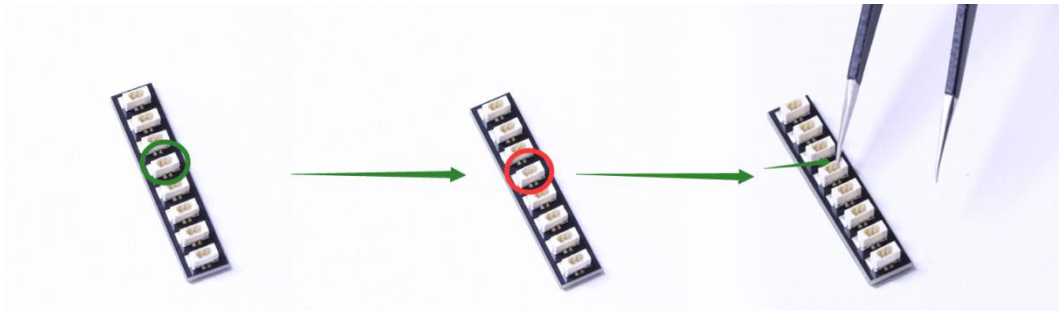


Insert the connectors to the ports.

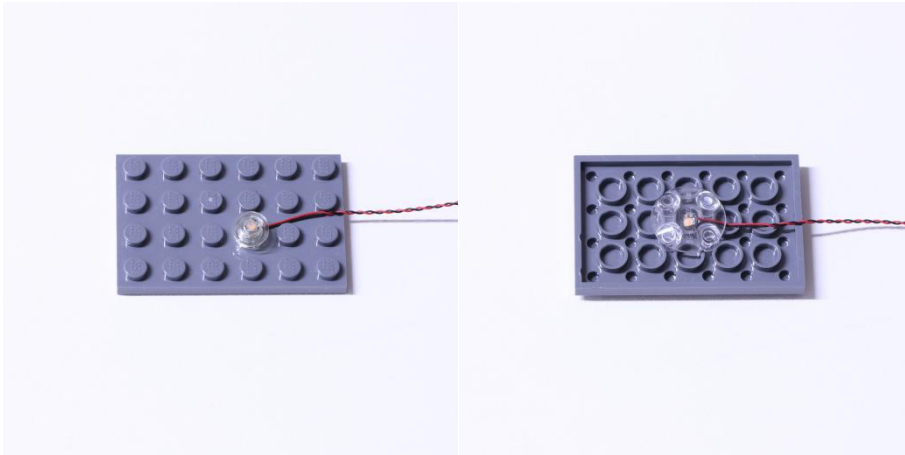
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

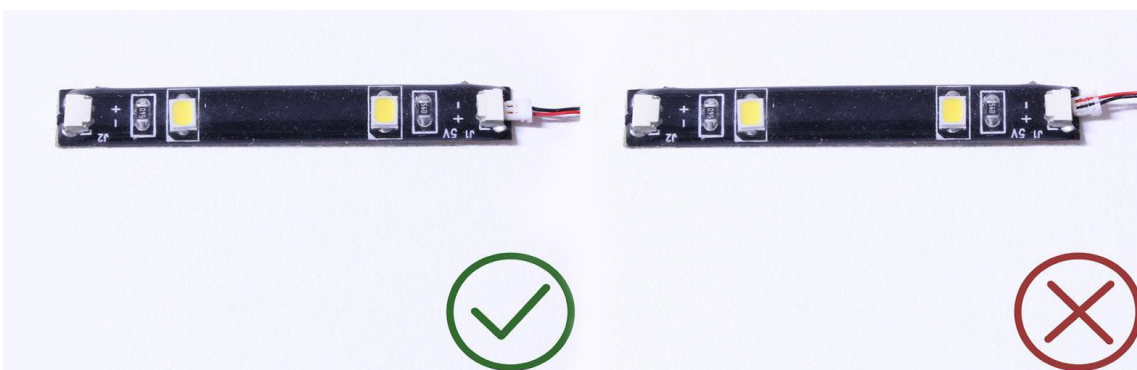


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

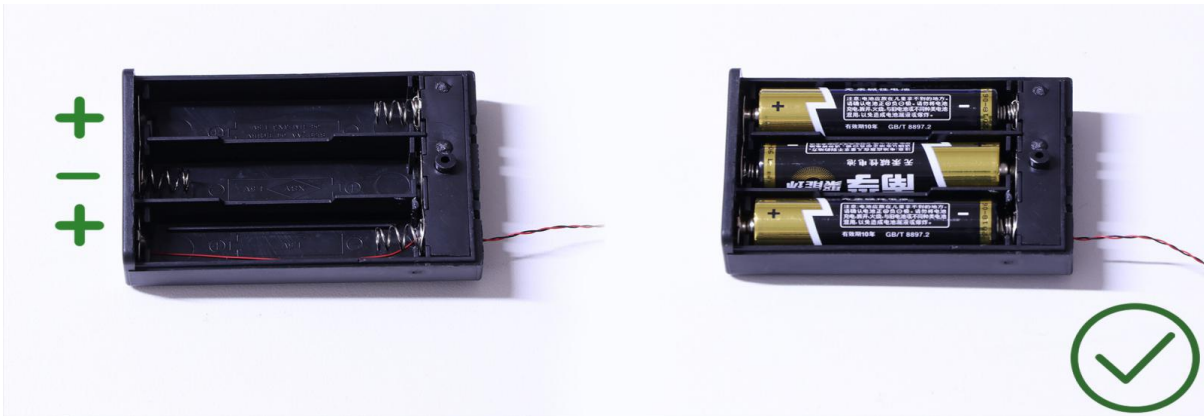


Connecting cable connectors to Strip Lights

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.



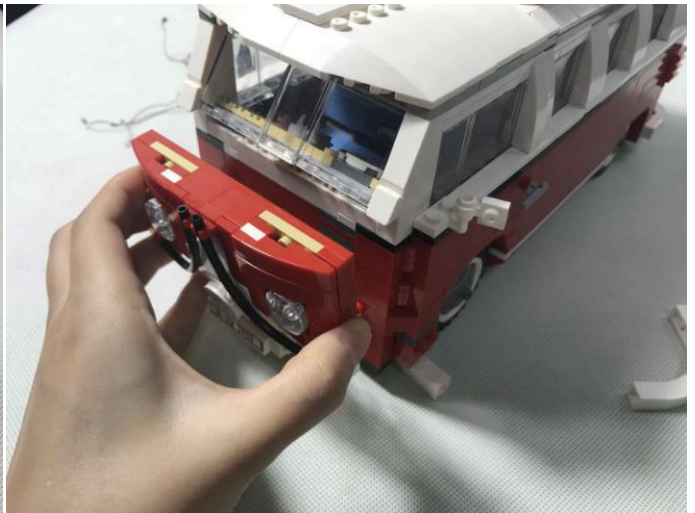
OK, Let's Begin!

Instruction for installing this kit

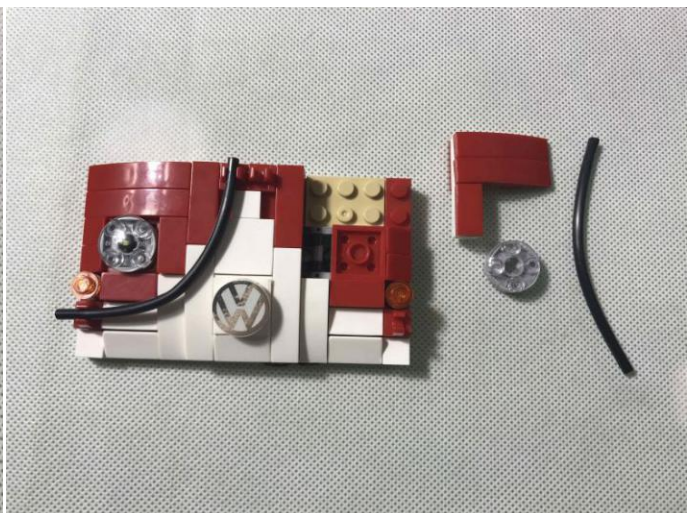
Let's start with the headlights.



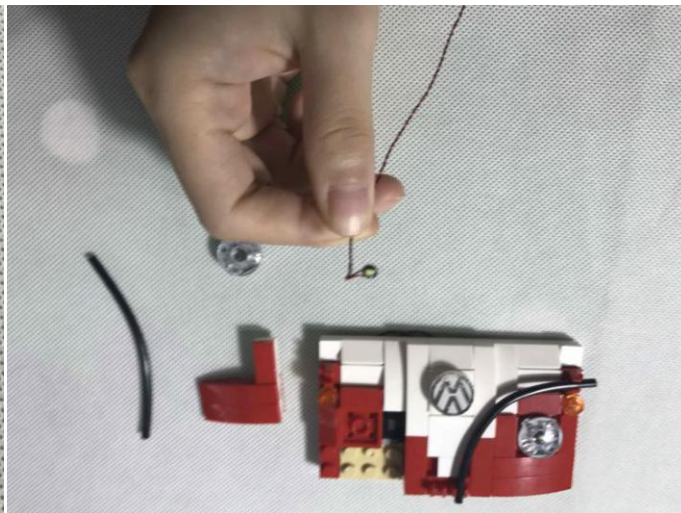
Remove the front white front bumper and remove the front part of the headlights.



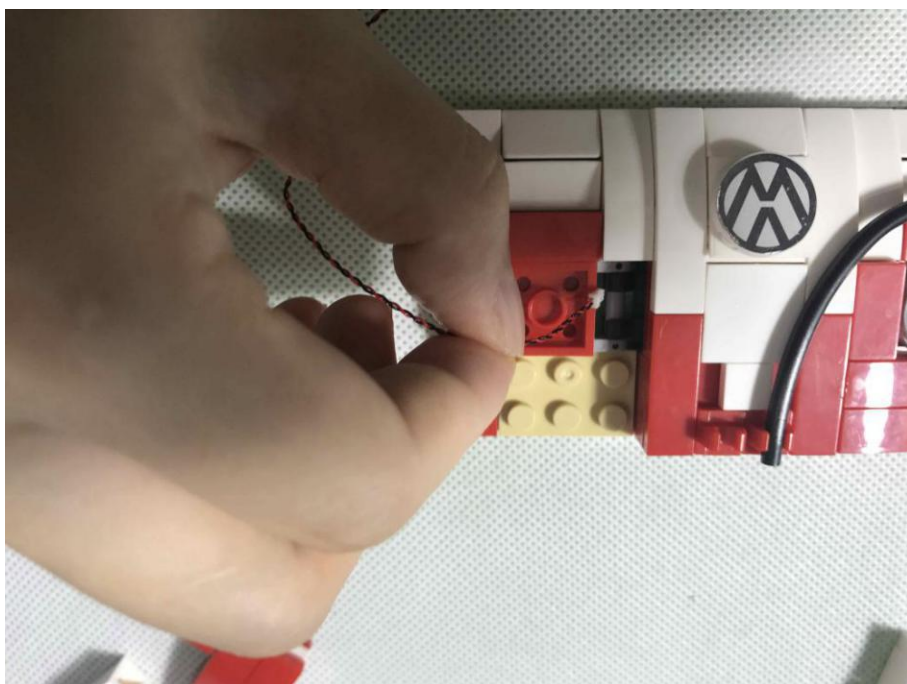
We start the installation from the right side of the lights. Remove the corresponding piece on the right side.



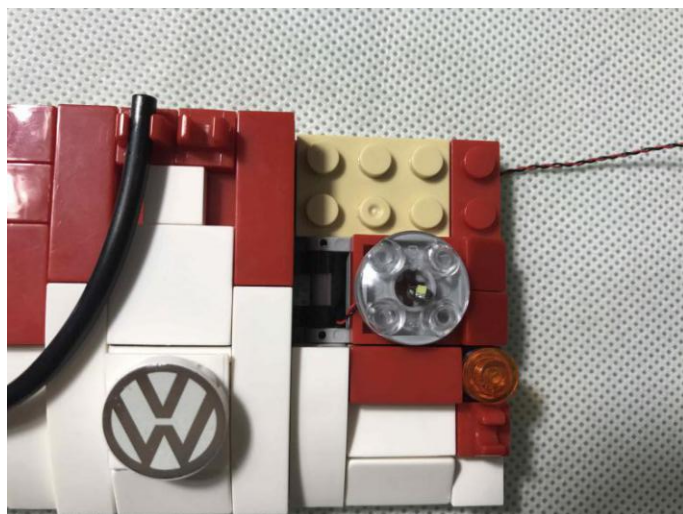
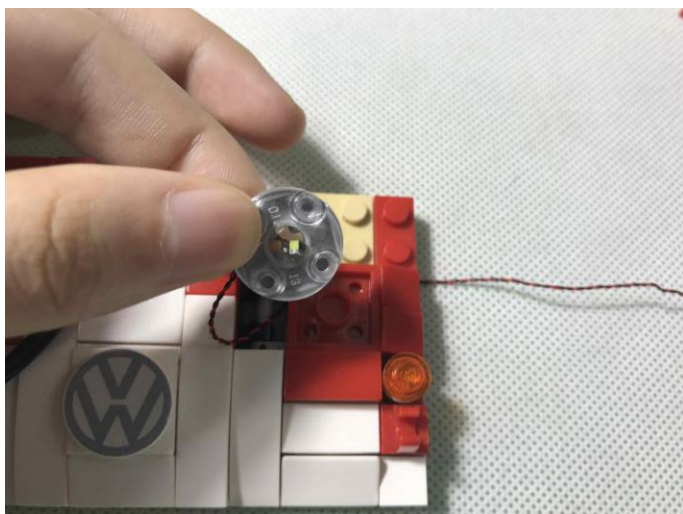
Take a 30cm white dot light and fold the light end into 90.



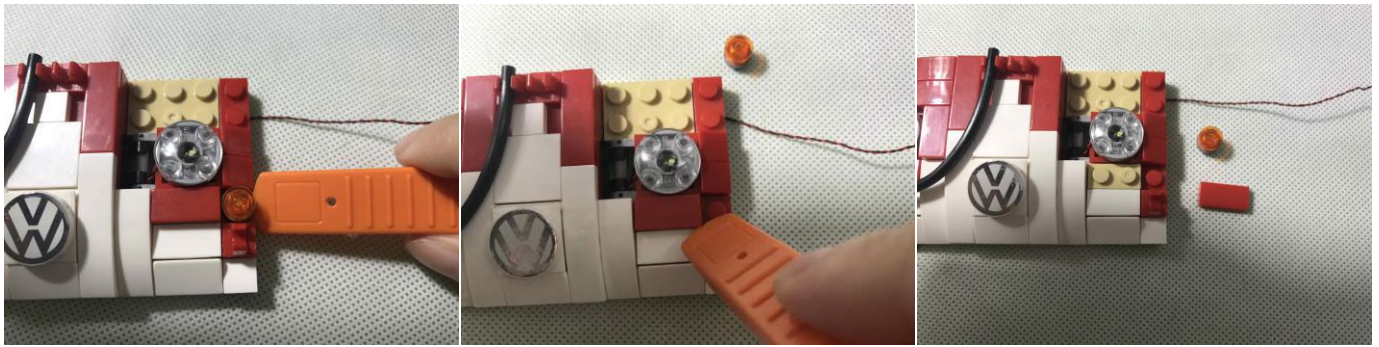
Pass the plug end through the gap as shown in the picture.



Put the lighting side of the light into the transparent round top and put it back in place.



Remove the orange transparent piece and the next red base plate.



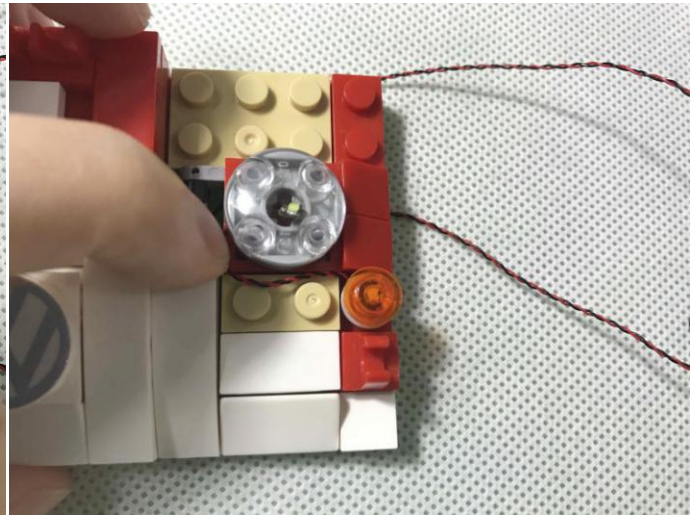
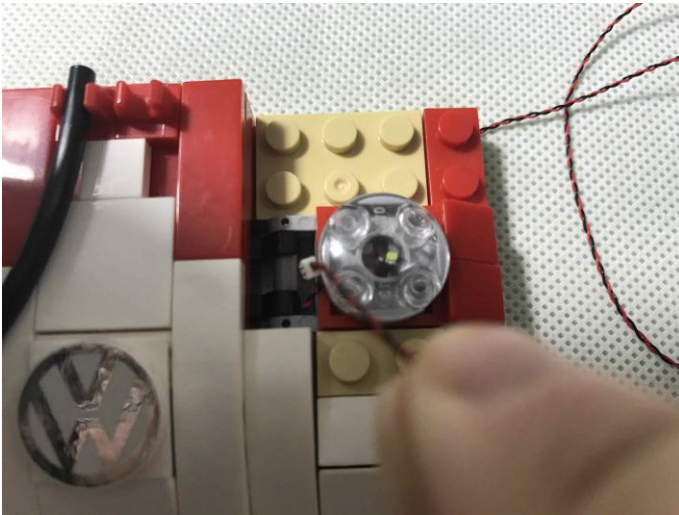
Take one 30cm white dot light, one gray small round plate.



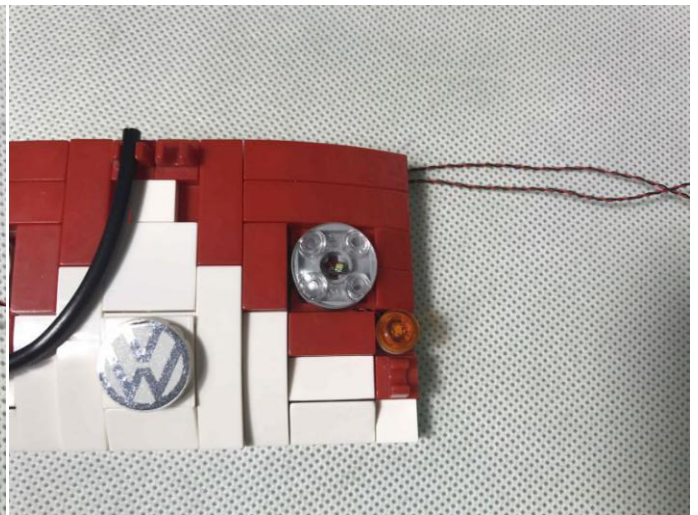
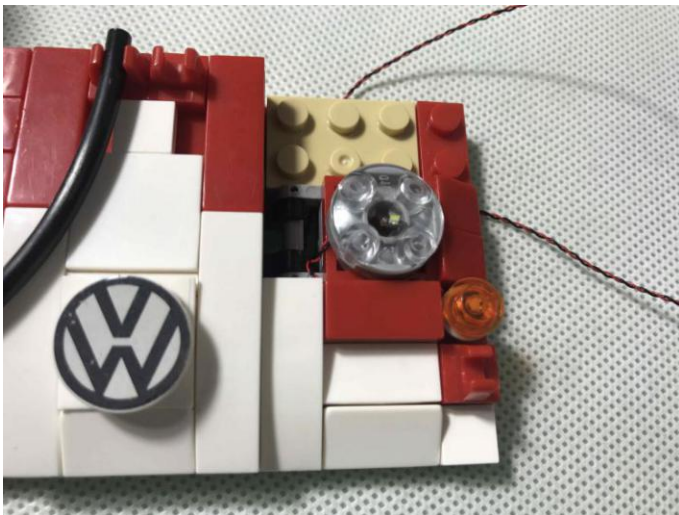
Replace the original gray round plate with a small round plate with holes, and pass the plug end through the small round plate with holes, and the lighting side face up, fixed with orange transparent piece.



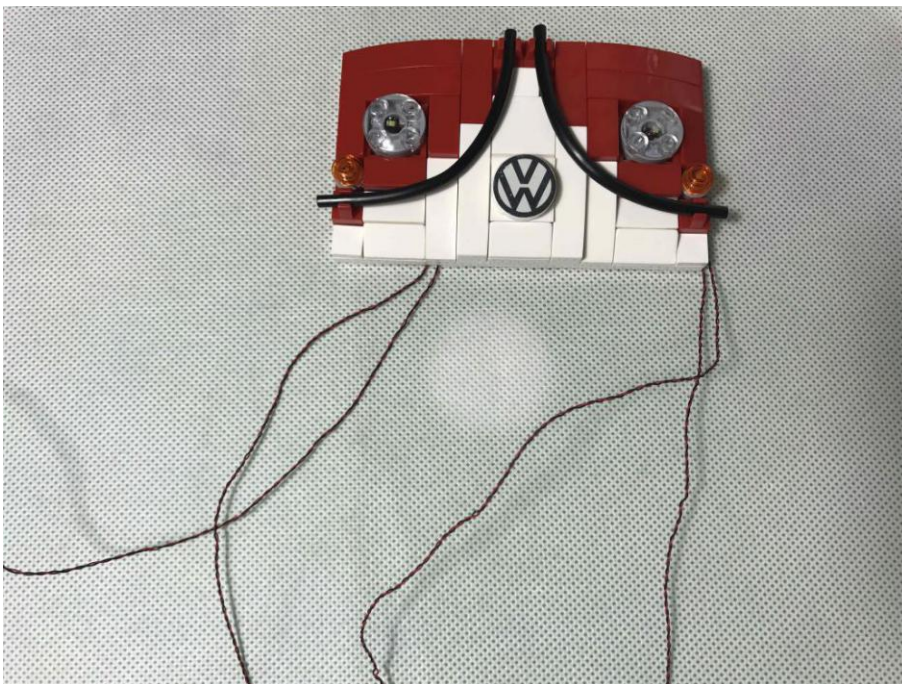
Insert the plug end through the hole next to the transparent original plate and install the orange transparent piece back.



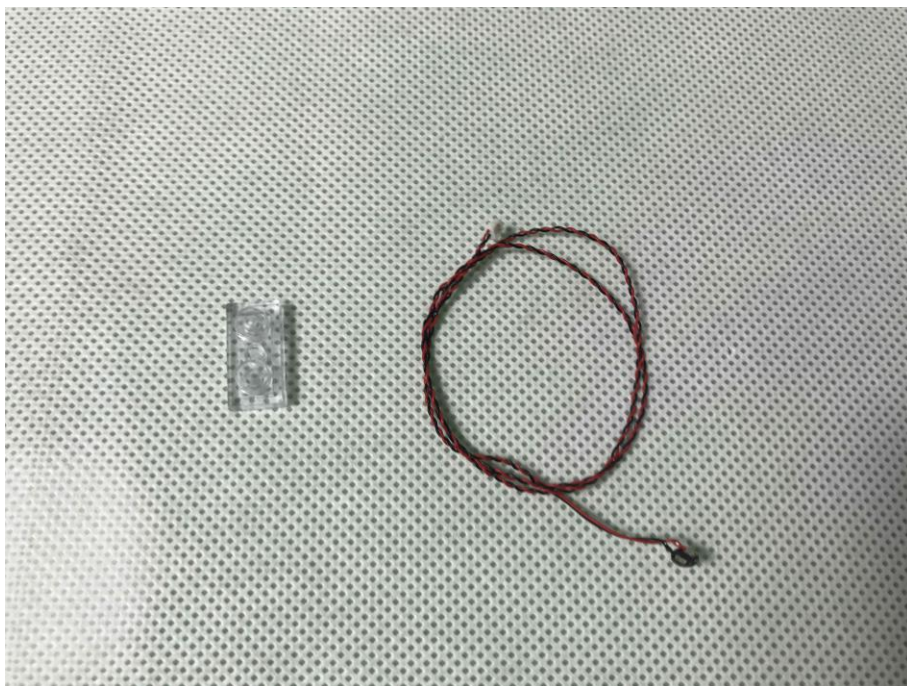
Press the line with the red base plate and install all the parts removed from the front. Now we have completed the installation of the right side headlight.



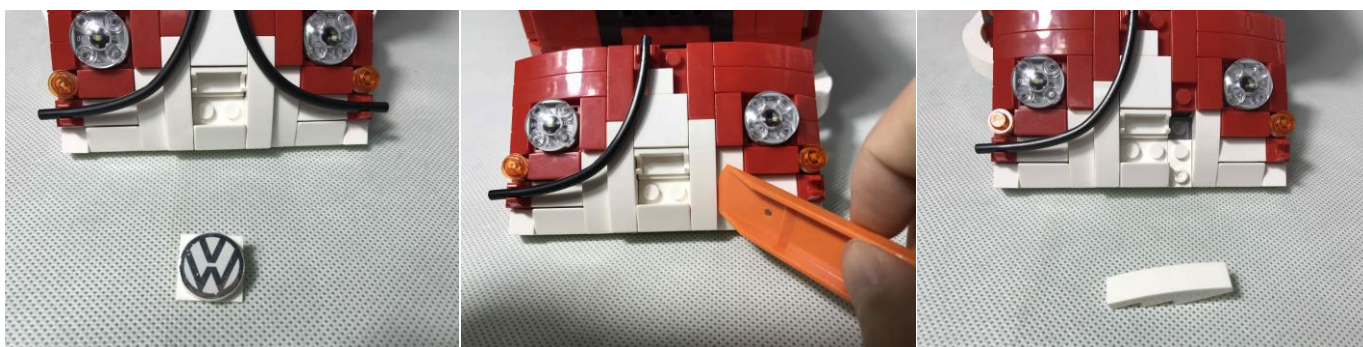
Repeat the above operation to complete the installation of the left headlight.



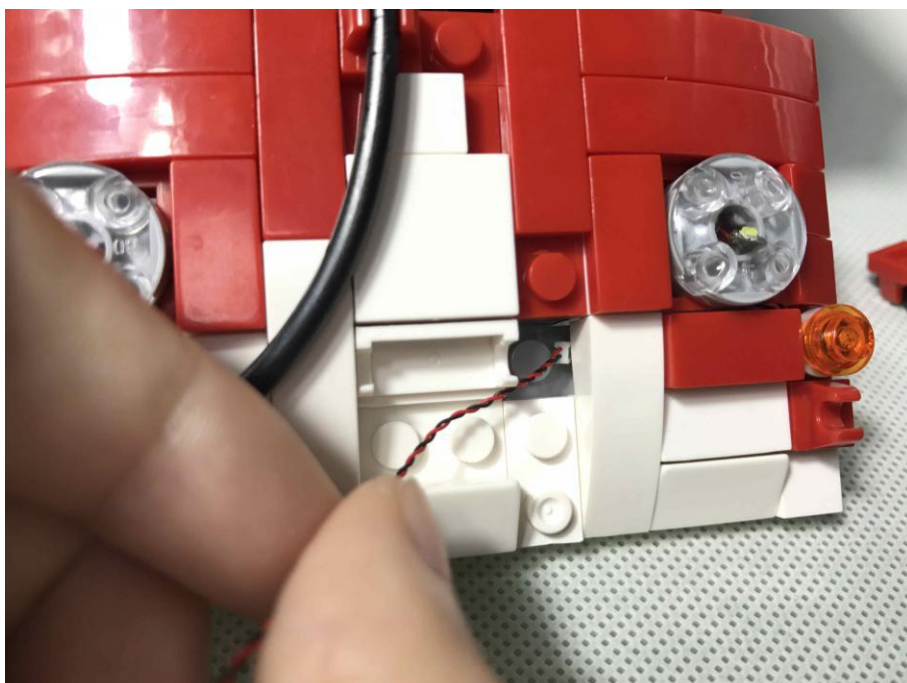
Take one 30cm white dot light and one 1*2 transparent base plate.



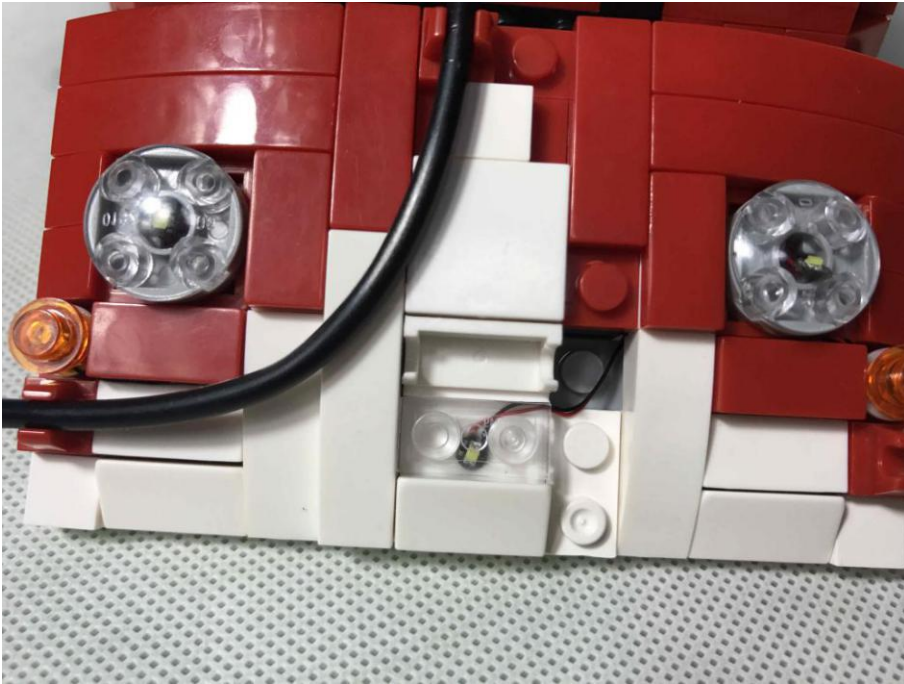
Remove the logo and the white pieces on the right side.



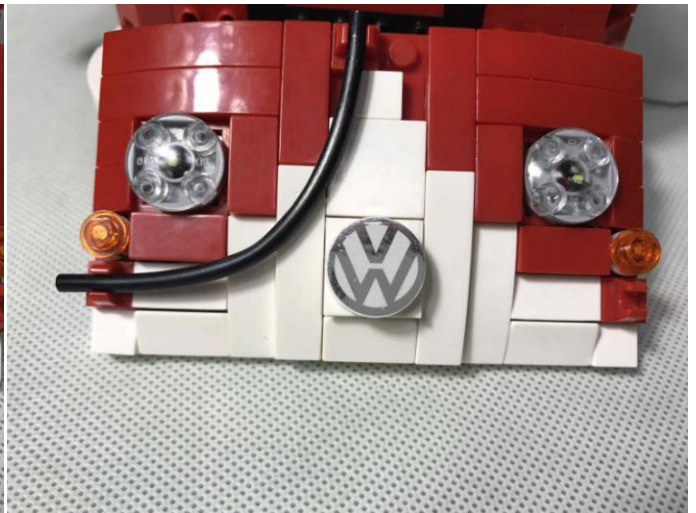
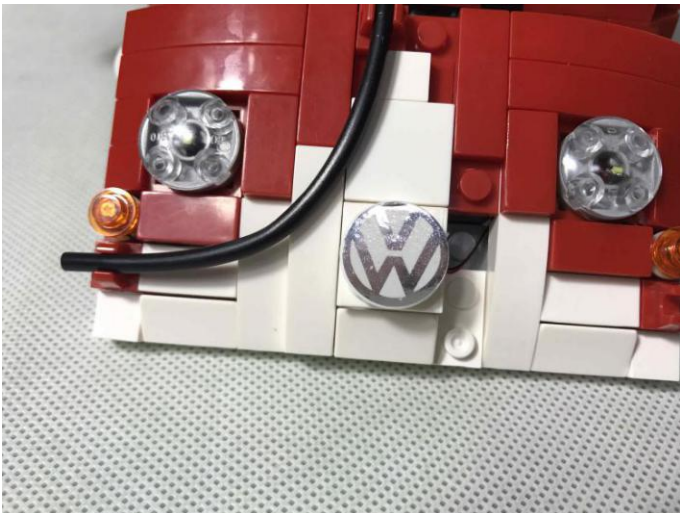
Pass the plug end through the gap under the white piece and pull it back.



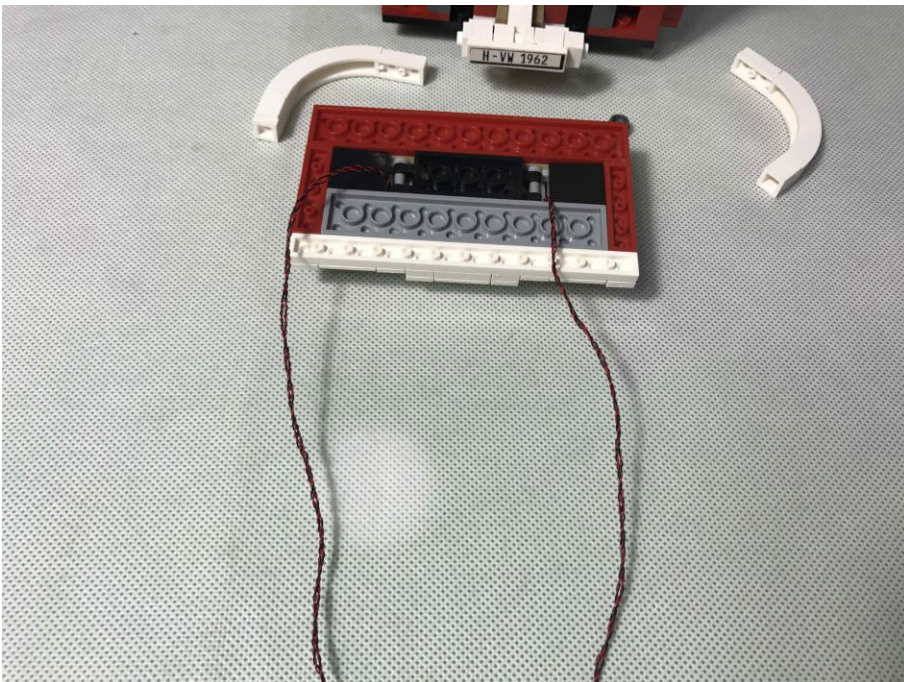
Fix the dot light with a 1*2 transparent plate, as shown in the picture.



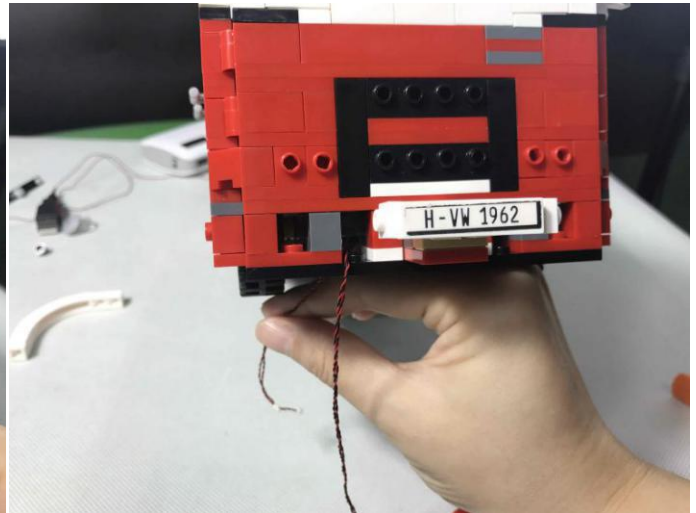
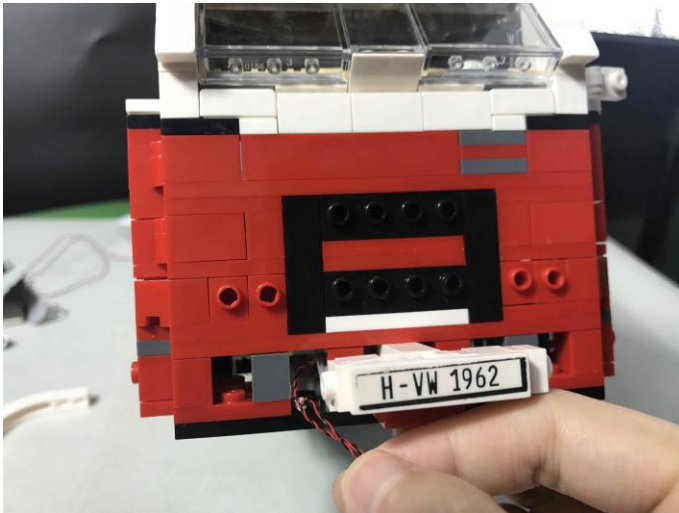
Reconnect the logo and white pieces.



Screw the cables of 2 sides into 1 strand.



Pull the left end of the plug through the hole under the front of the vehicle and pull it out from the bottom of the vehicle.



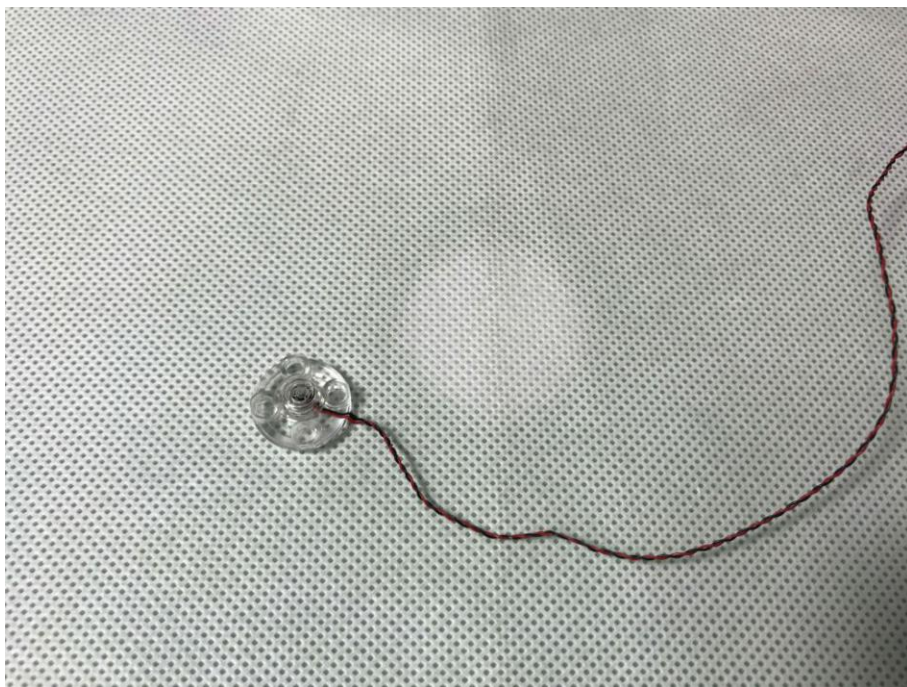
Repeat the same operation on the right side, install the head and the white front bumper back, now we have completed the installation of the headlights.



Take one 30cm white dot light, one 2*2 round plate and one 1*1 small round plate.



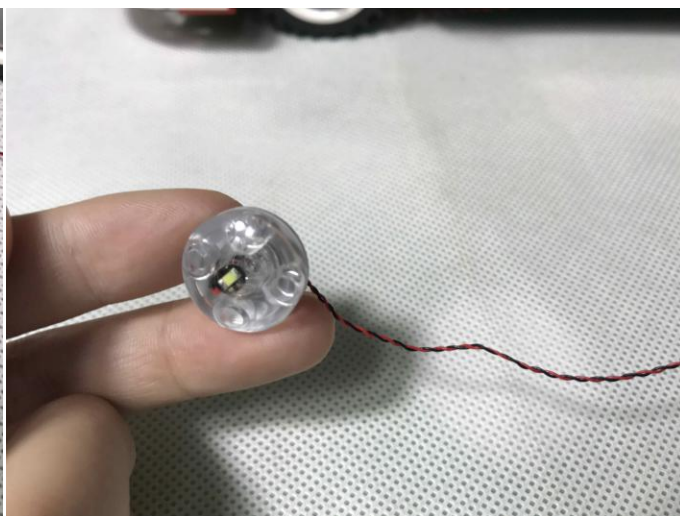
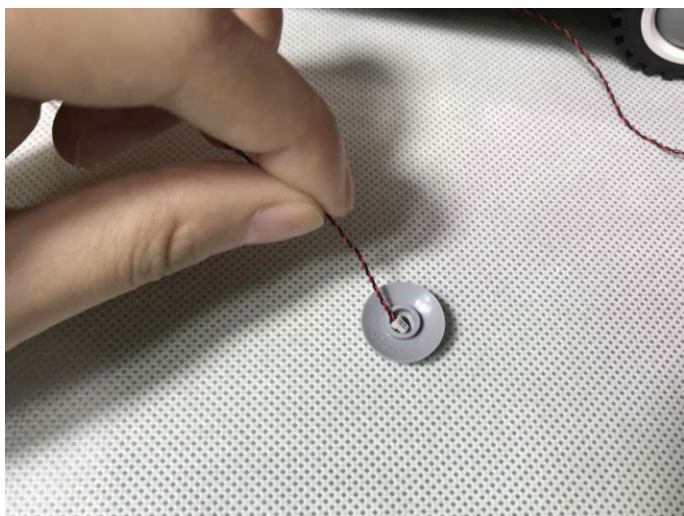
Install the dot light as shown below.



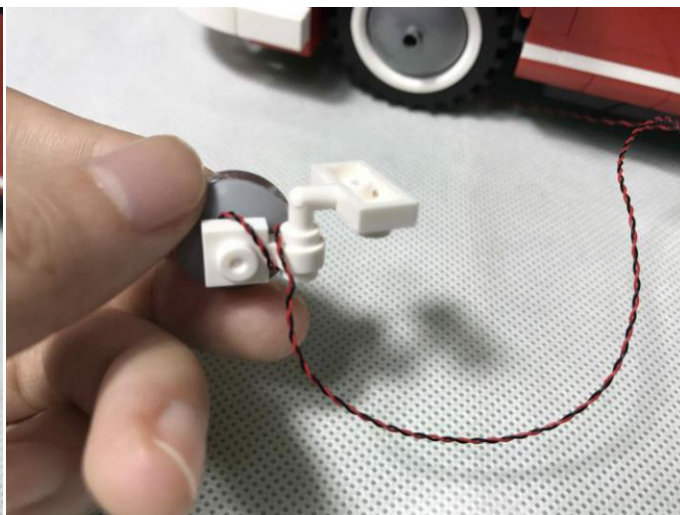
Remove the rear view mirror.



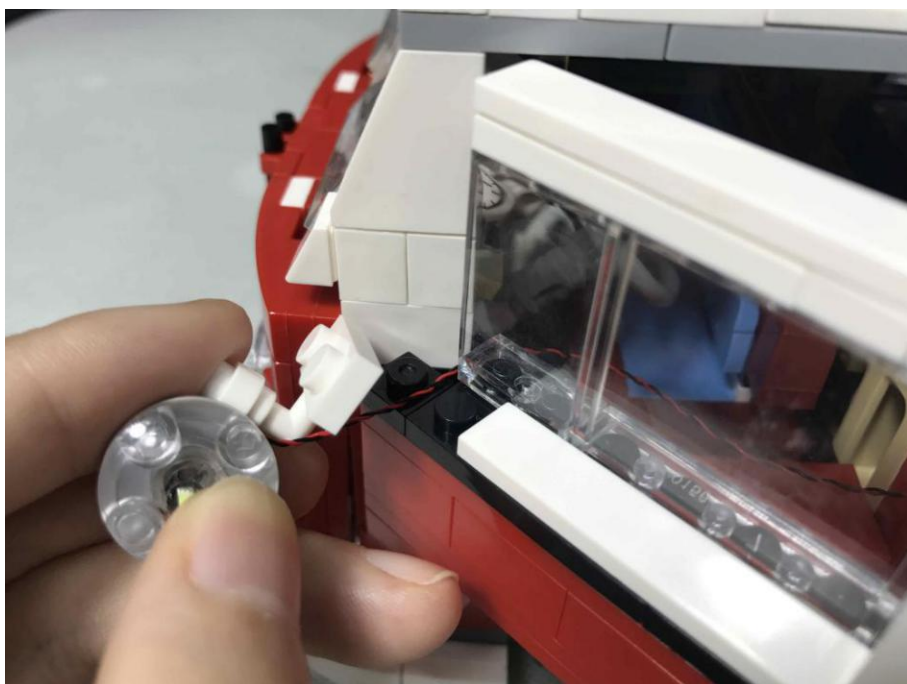
Pass the plug end through the gray plate hole and attach the transparent piece.



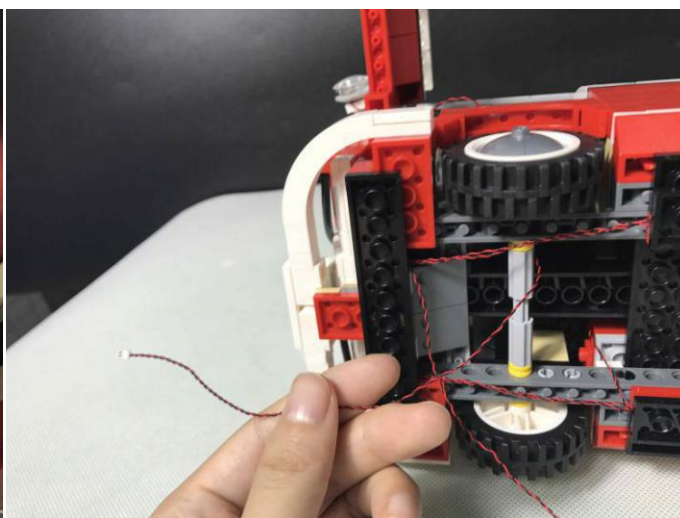
Press on the rear view frame and wrap the cable around.



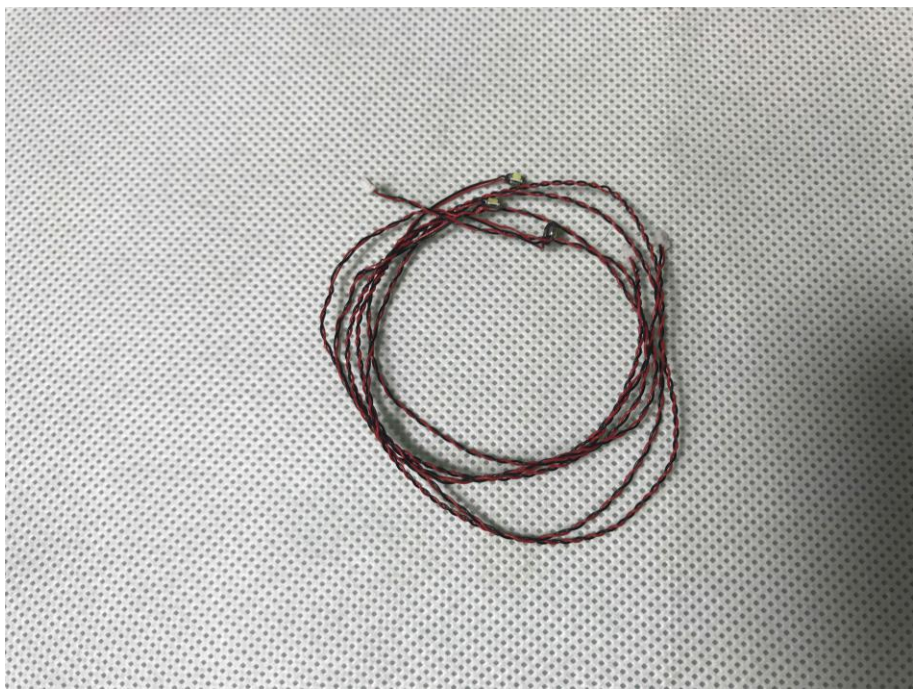
Reconnect the rear view mirror and press the cable into the stud gap.



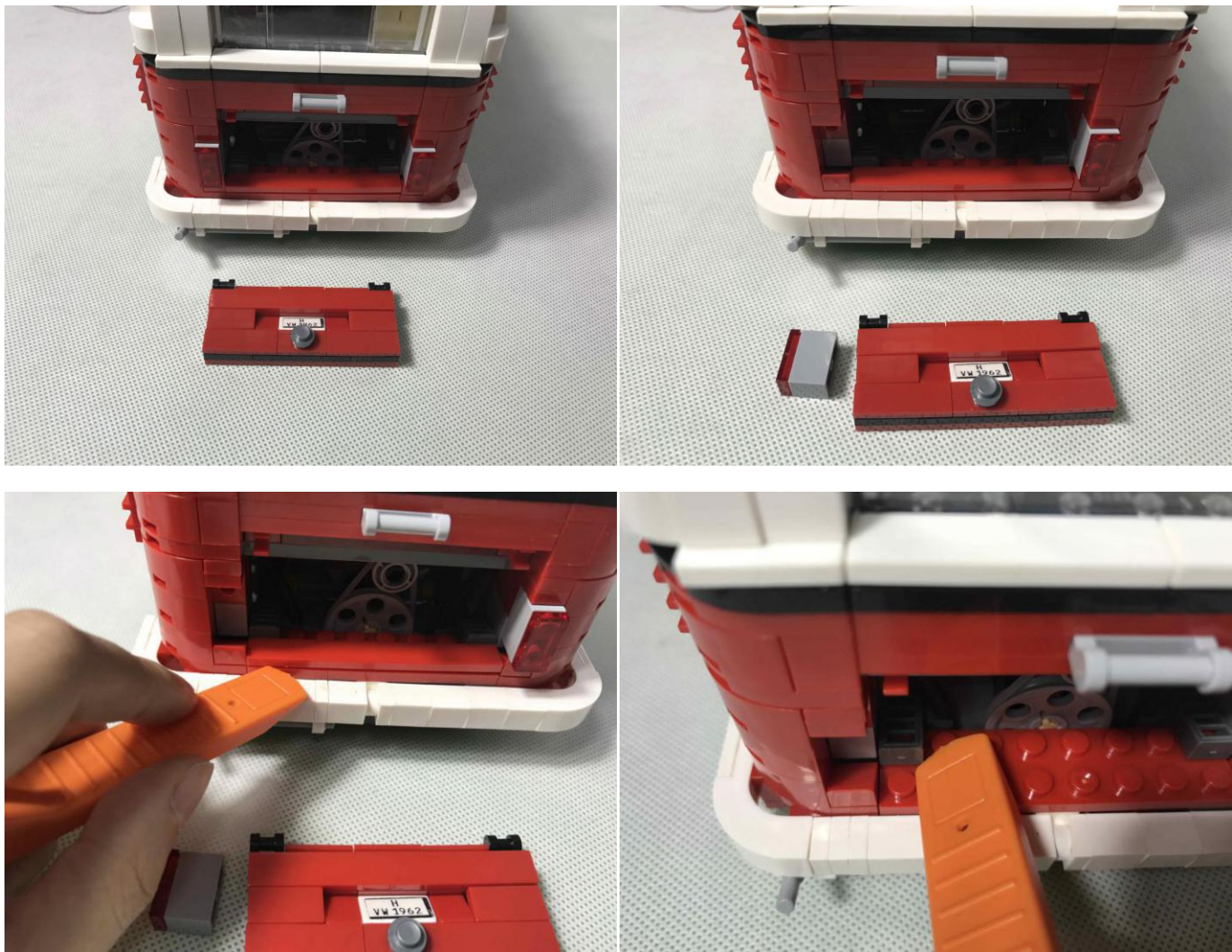
Pass the plug end out from the inside of the door, pull it out the bottom of the car, and twist the same side cables into one strand.



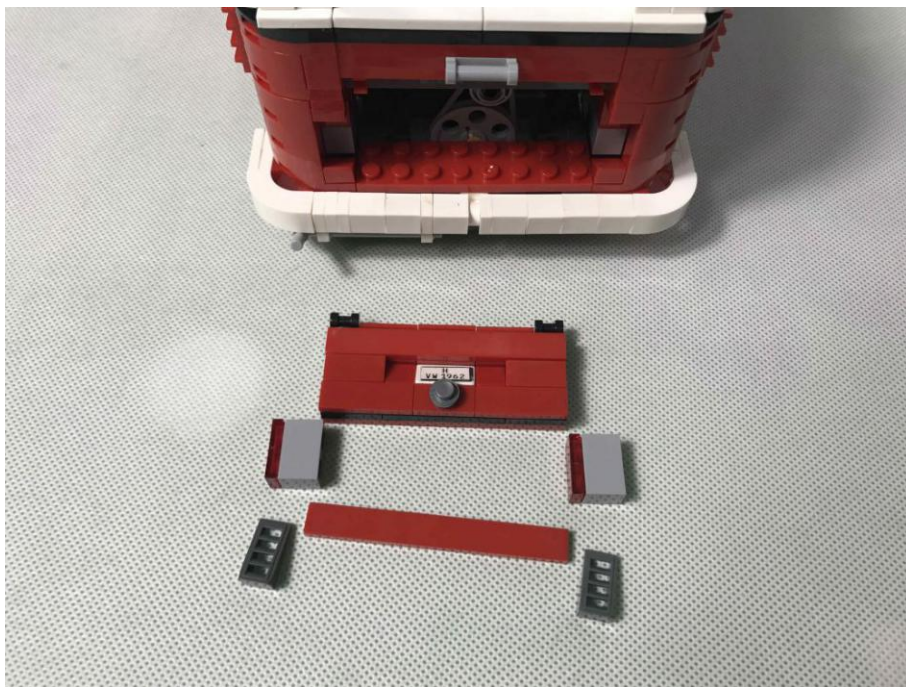
Now let's go to the rear of the car and start the installation of the taillights. Take three 30cm white dot light.



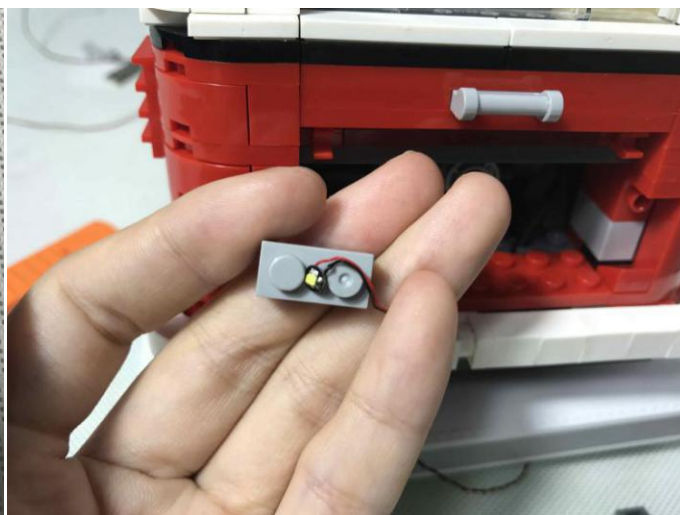
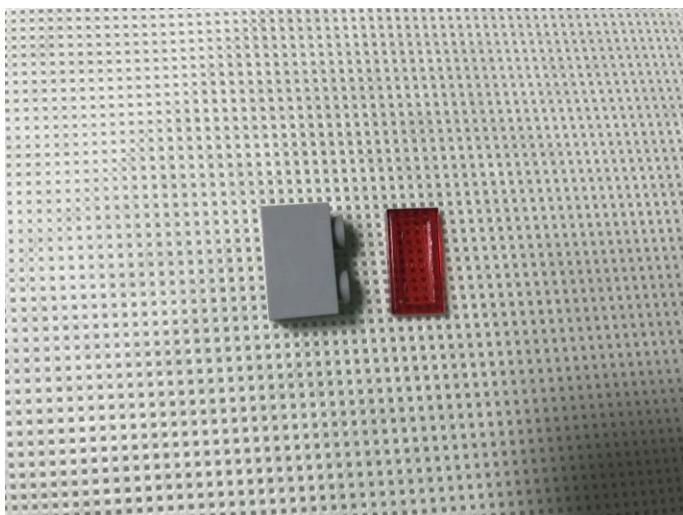
Remove the tailgate, red transparent light on the left, red base plate and gray pieces on the left.



The corresponding pieces are also removed on the right side.



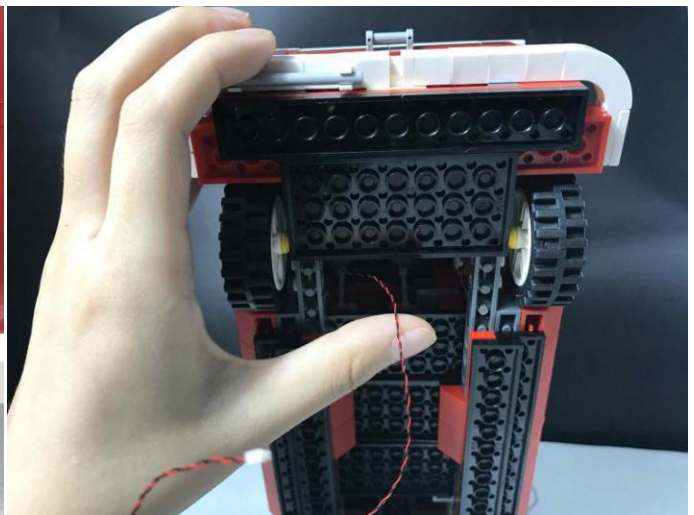
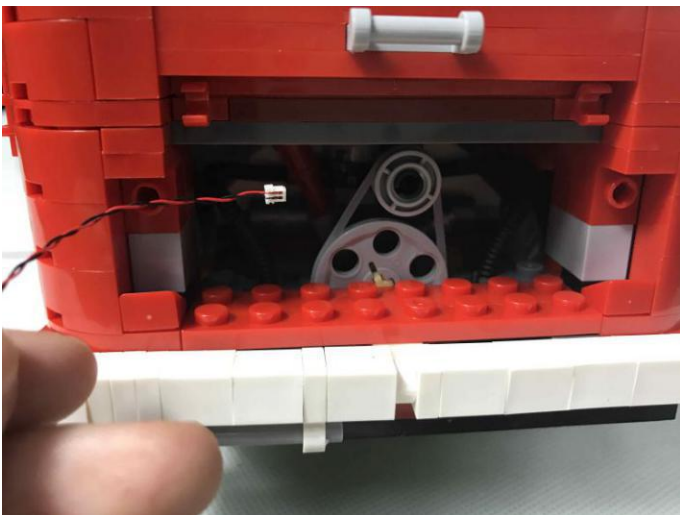
Separate the red piece from the gray base plate, take one dot light, place the lighting face up on the stud gap, and wrap the line to the right as shown below.



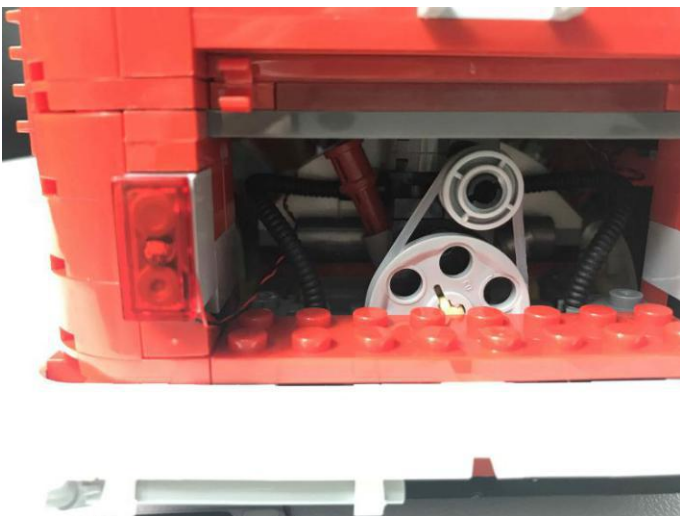
Fix it with transparent part.



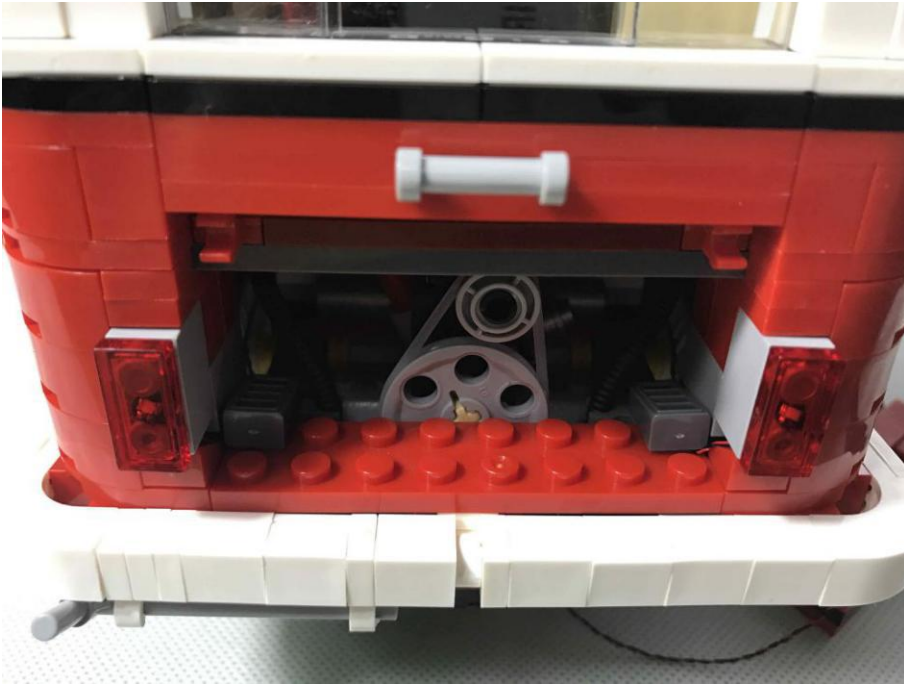
Pass the plug end from the rear of the vehicle to the bottom of the vehicle and pull it out from the bottom of the vehicle (for easy operation, it can be assisted by tweezers).



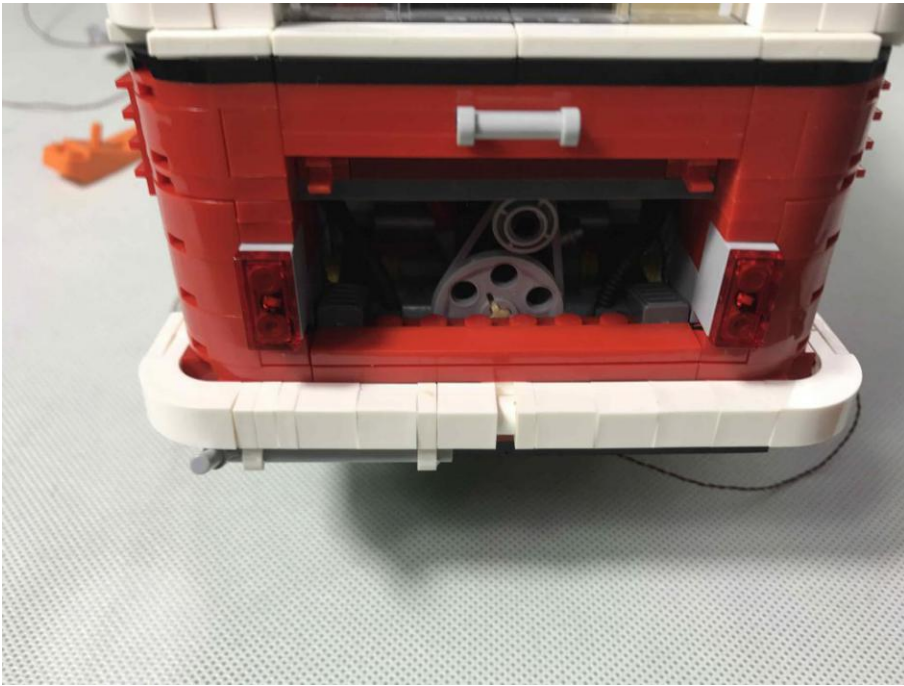
Install the red transparent light and gray pieces and hide the cables with gray pieces.



Repeat the above operation for the second dot light and install the right side light.



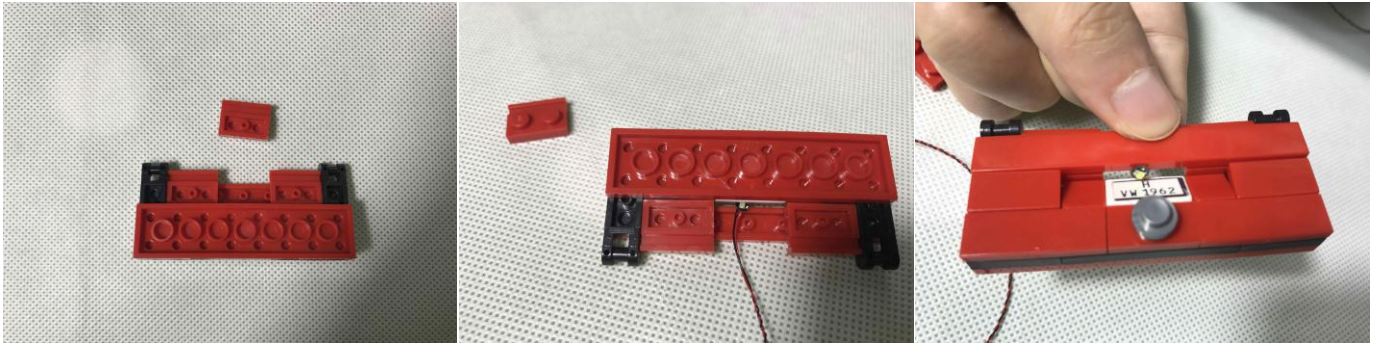
Install back the red base plate, now we have finished the installation of taillights on both sides.



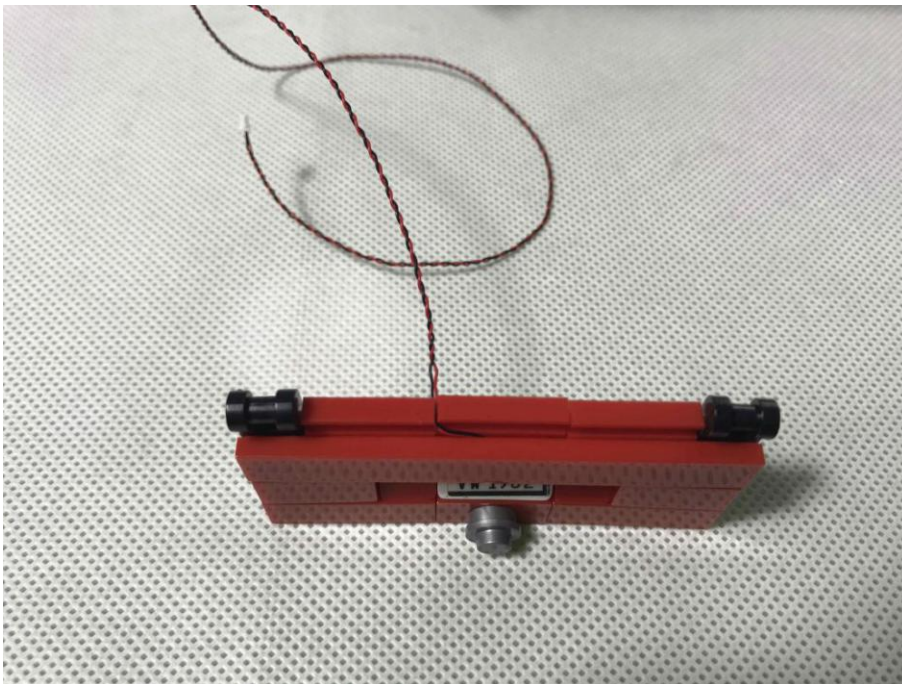
Now let's install the license plate light.



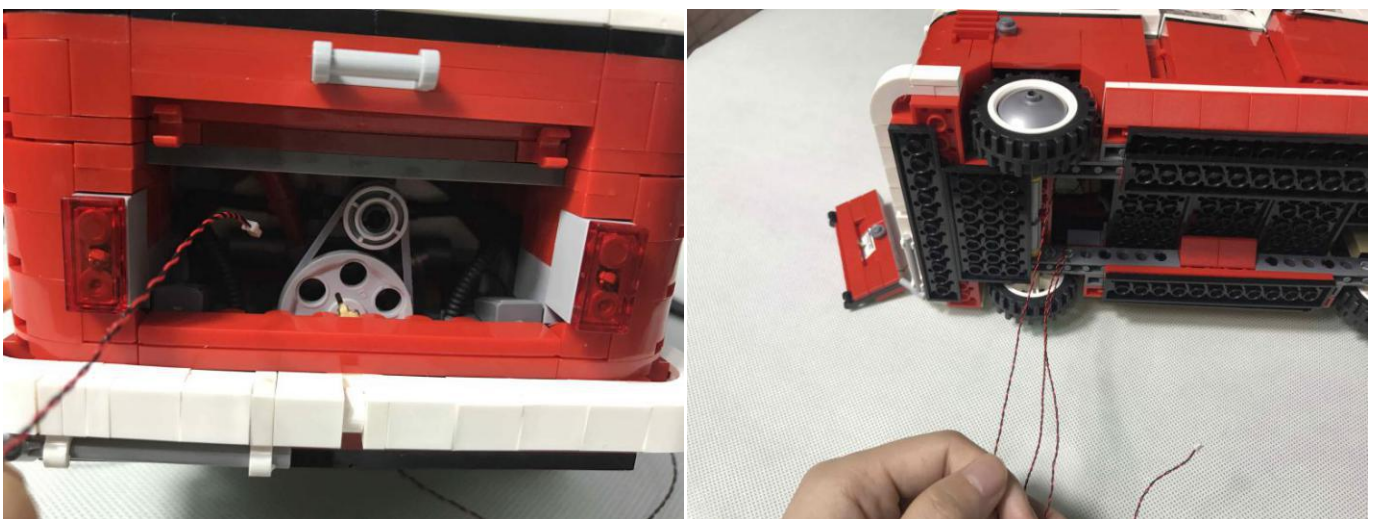
Remove the middle piece in the picture below, take the third dot light, and insert the light end into the gap and fold it into 90°.



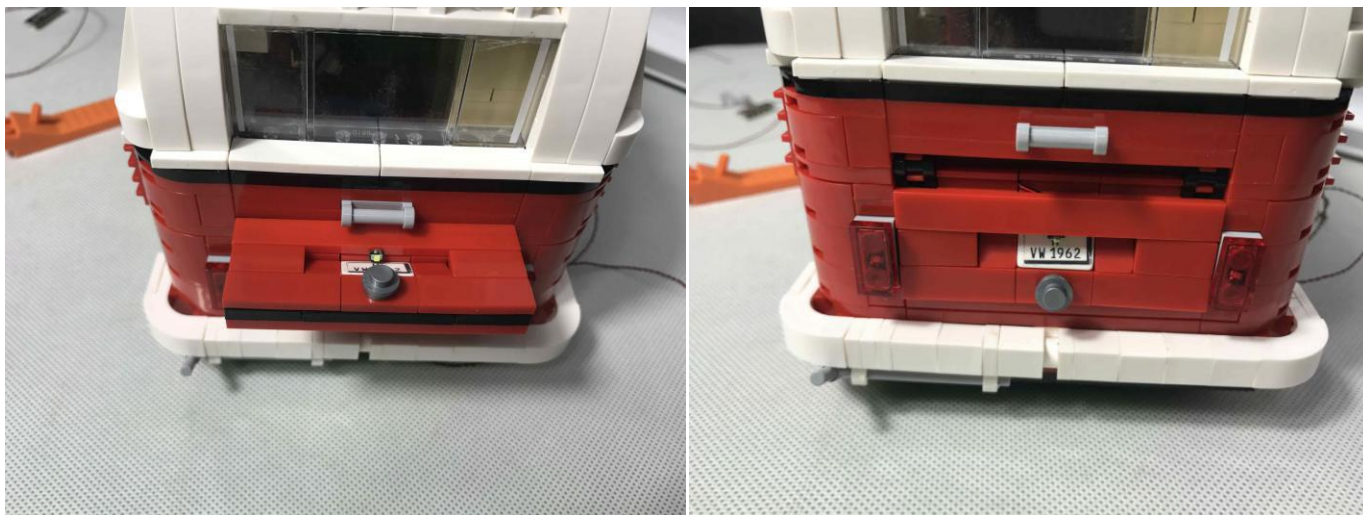
Reconnect the pieces and press the cable between the studs to fix the dot light (also can be fixed with adhesive square).



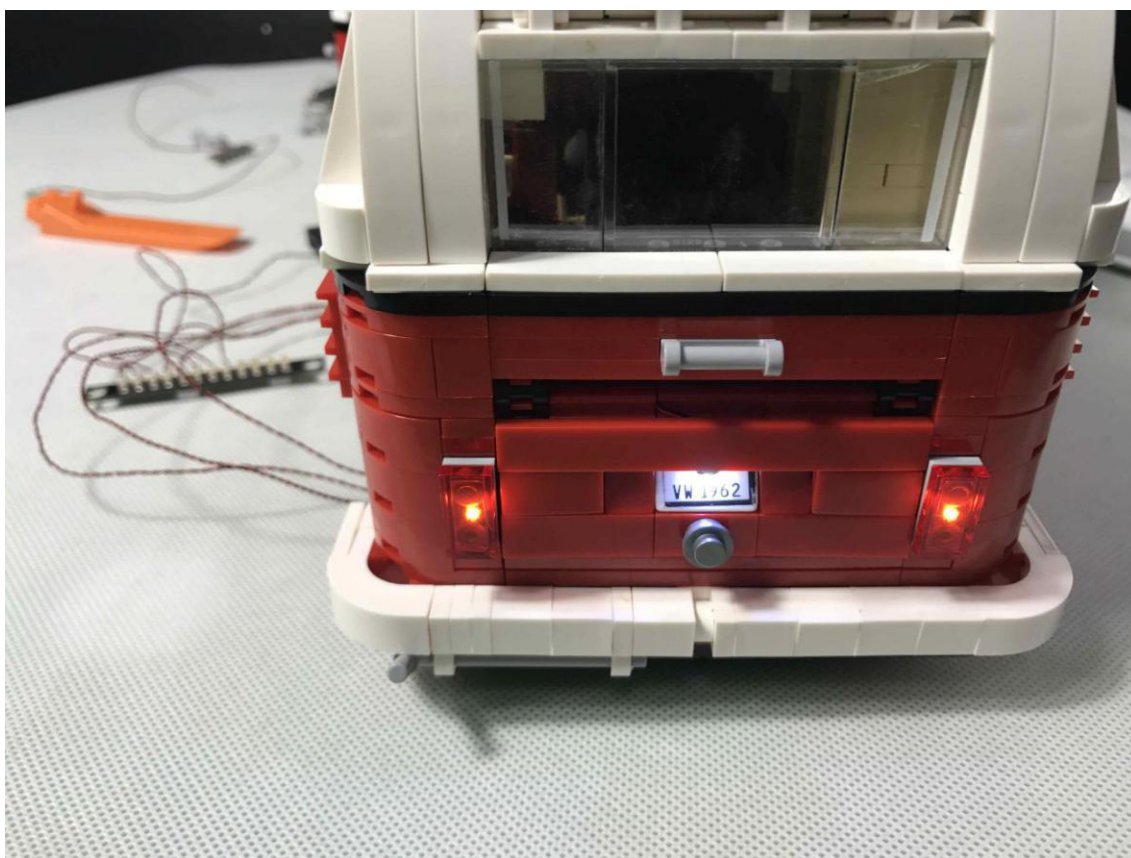
Also pull the plug end into the bottom of the car and pull it out.



Install the rear door, now we have completed the installation of the taillights.



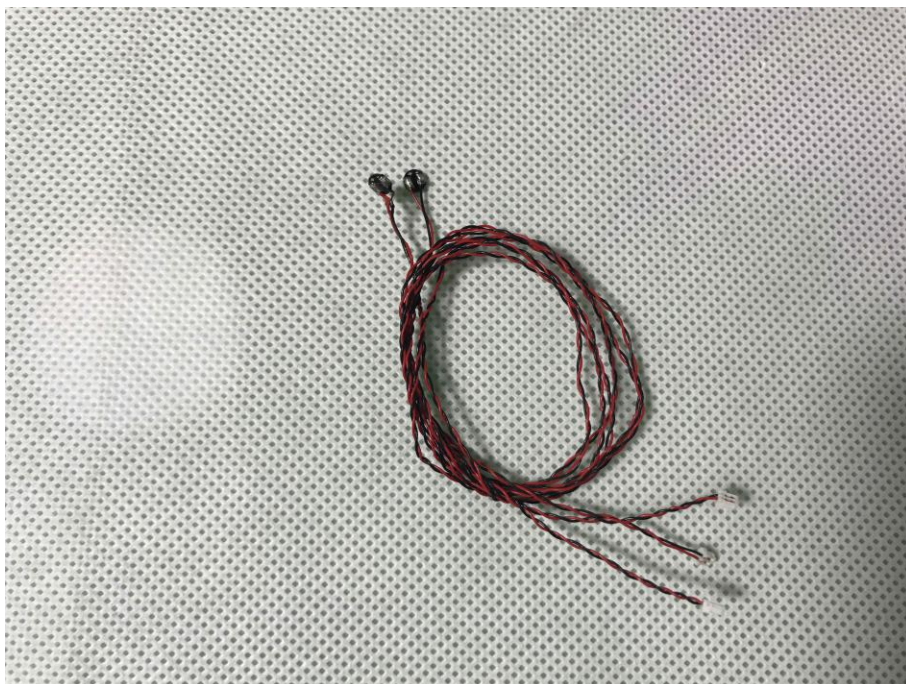
You can connect to the power supply and see the effect!



Now we are starting to install the interior lights.



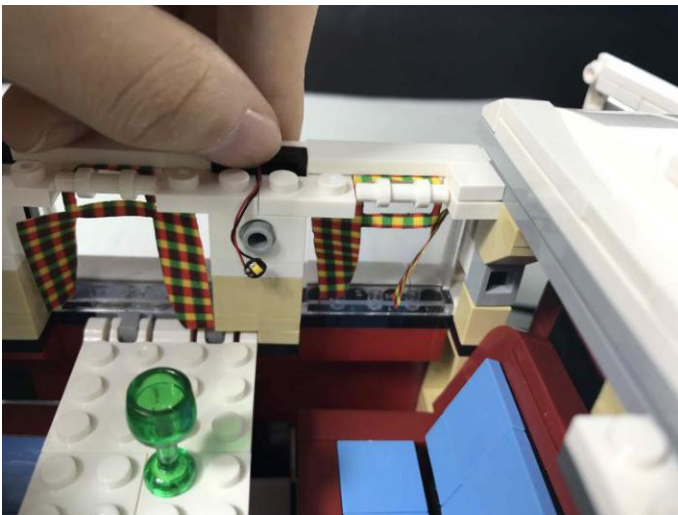
Take three 30cm warm white dot light.



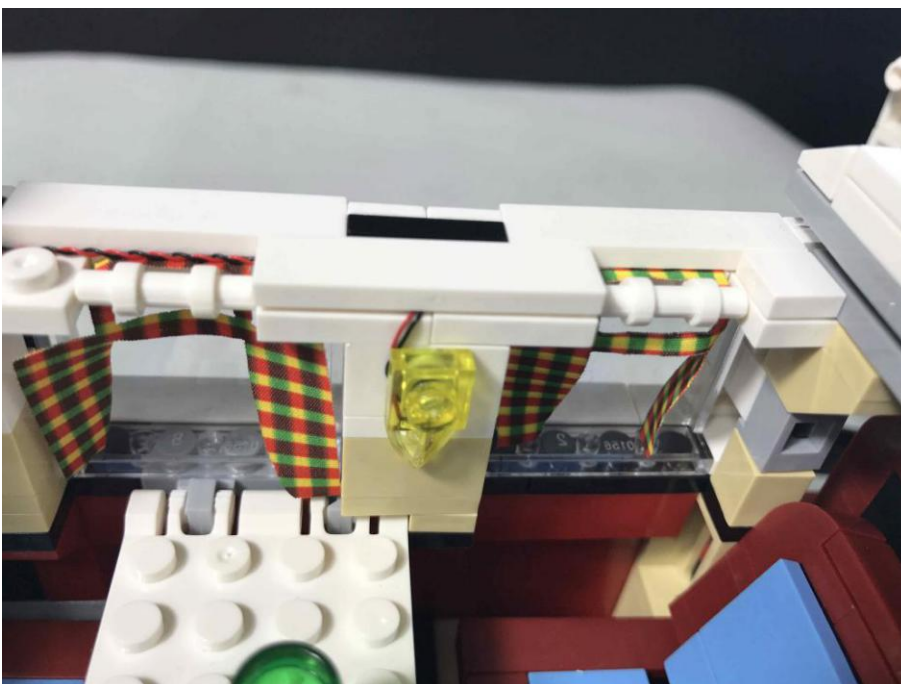
Remove the roof and the wall light.



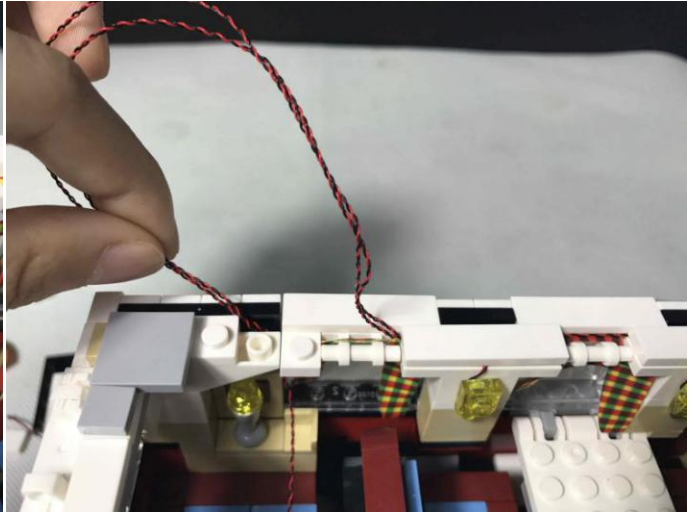
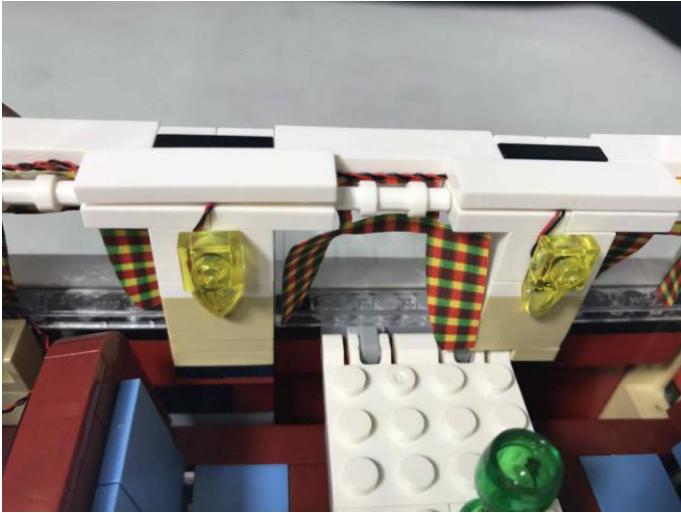
Take one of the warm white dot lights around the stud, it should be fixed with a yellow transparent piece.



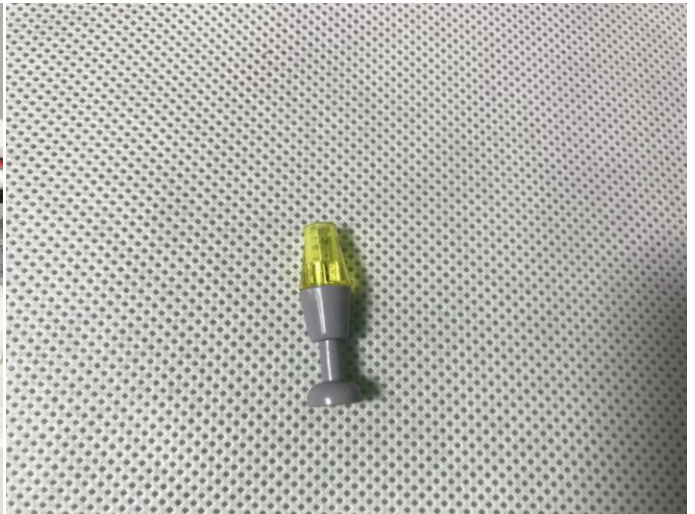
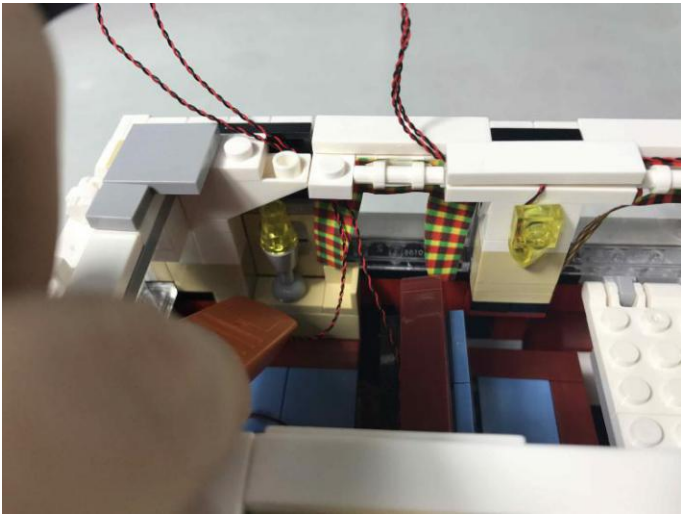
Press the cable under the white base plate.



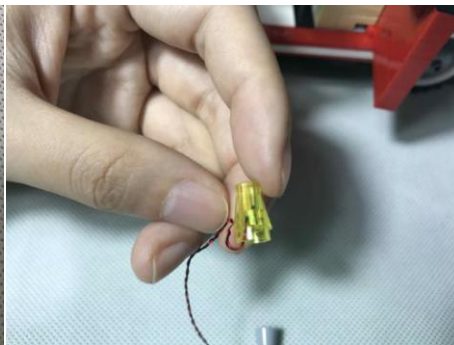
Similarly, install the second wall light, press the first cable together under the second white base plate. Continue to pull left along the window top, and pass the plug end through the left gap, pull down.



Remove the left lamp.



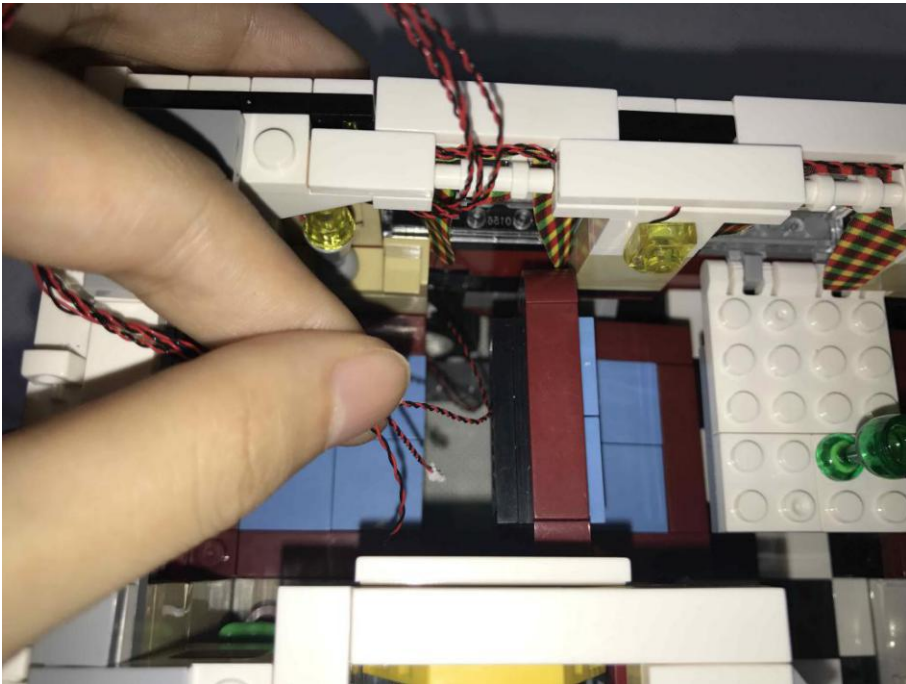
Take the third dot light, place the light head in the yellow transparent piece, and reconnect the lamp.



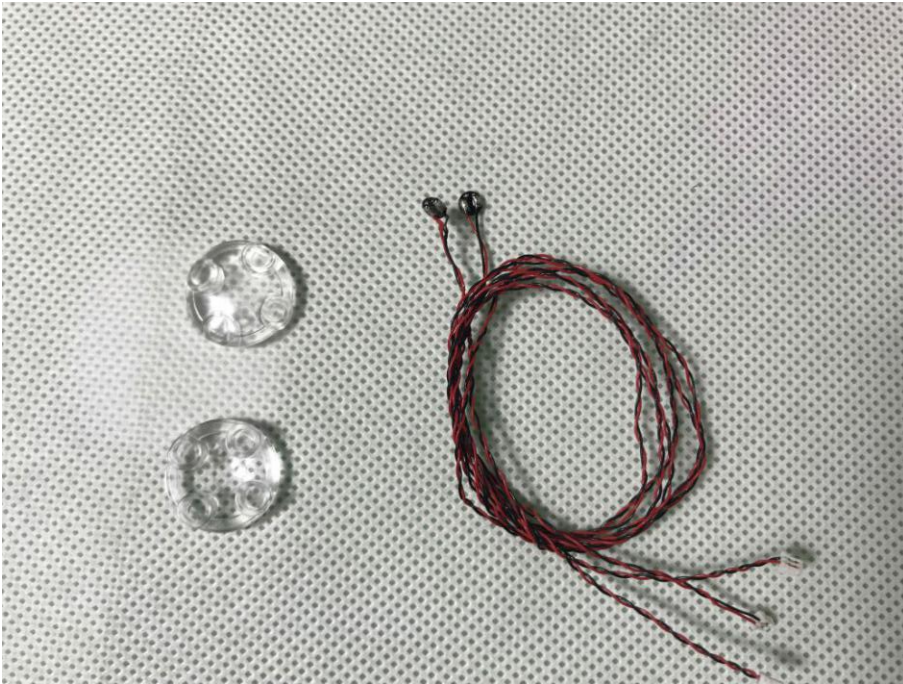
Screw 3 cables into 1 strand.



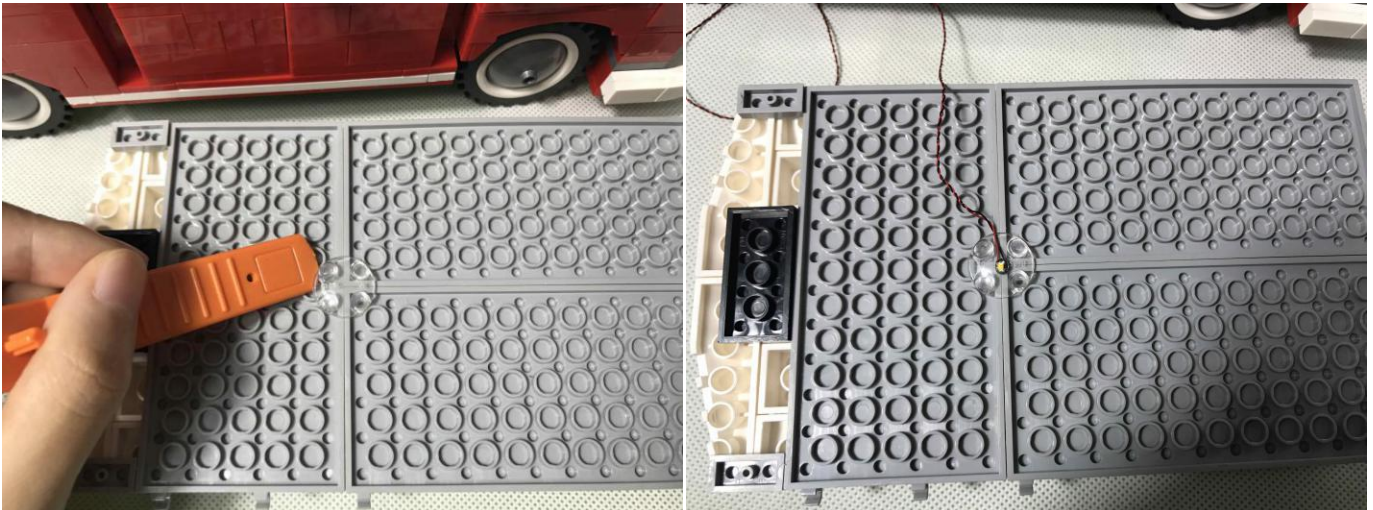
Thread plug end out of the bottom.



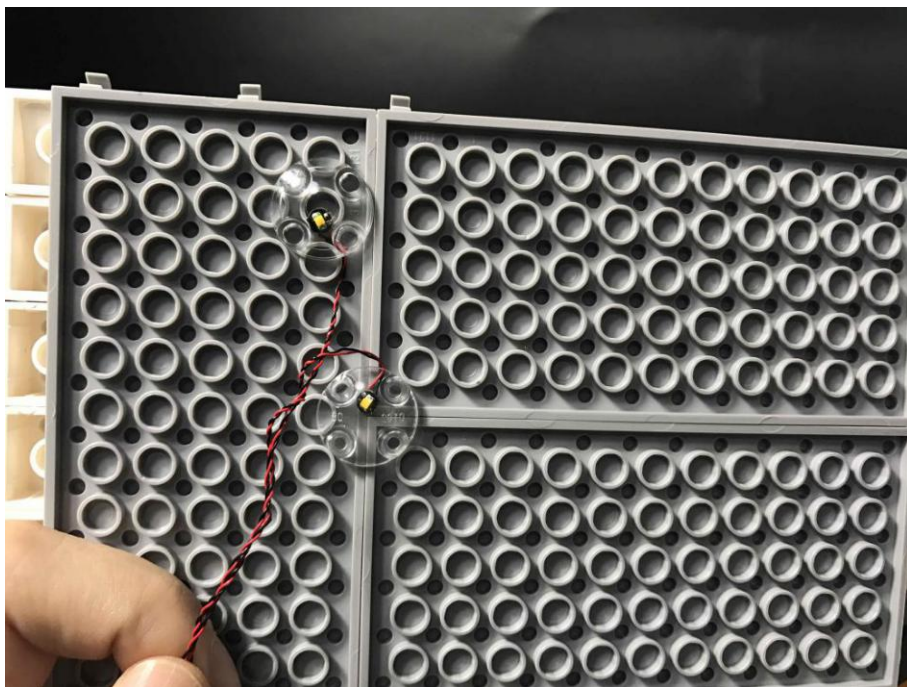
Take three 30cm warm white dot lights and two 2*2 transparent round plates.



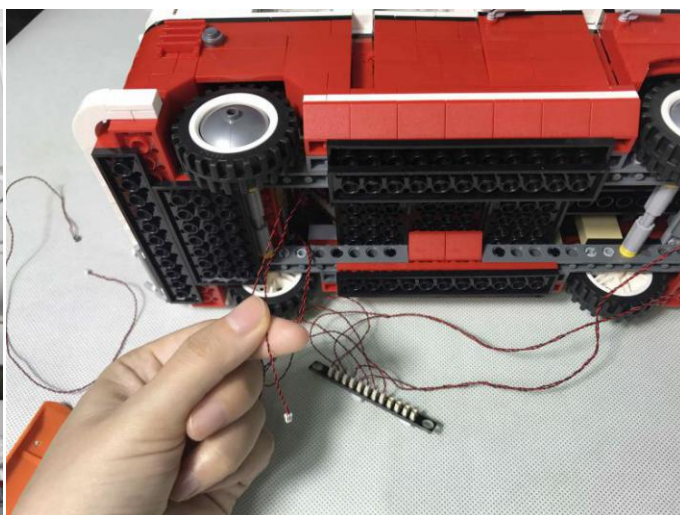
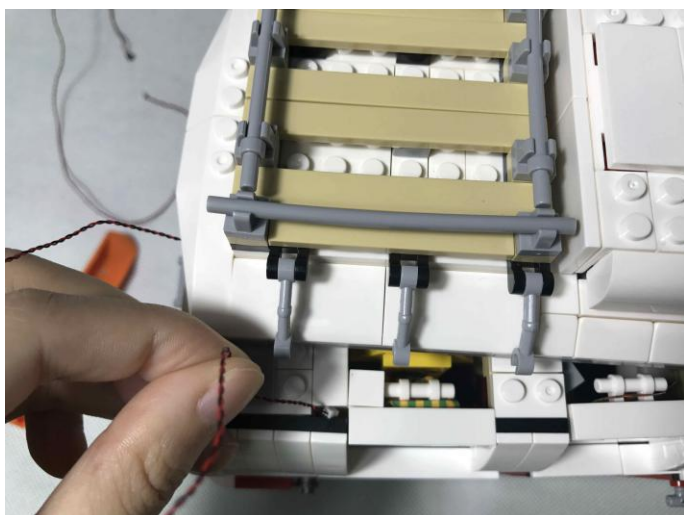
Remove the transparent plate on the top and take one of the warm white dot lights as shown blew.



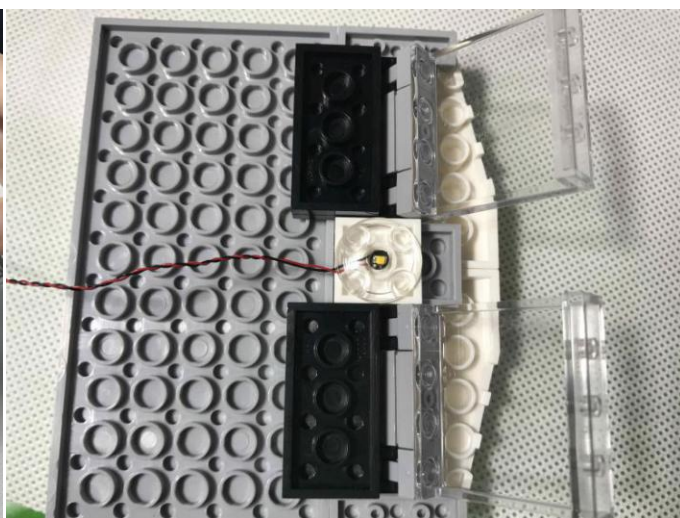
Take another dot light and round plate and install it in the position in the picture(Note the position).



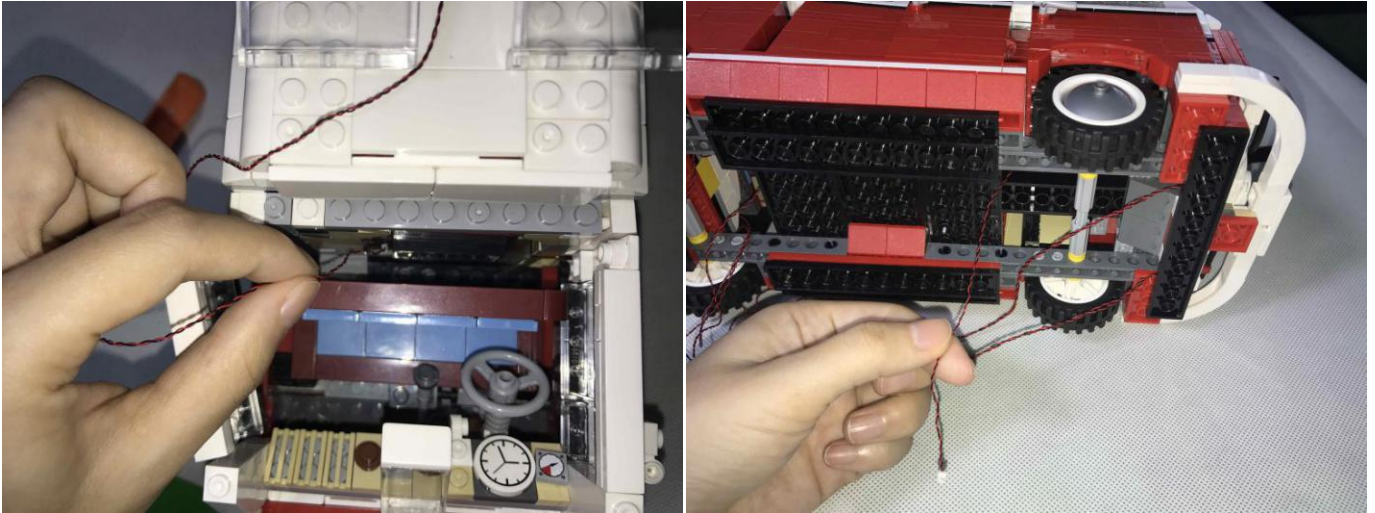
Pass the plug end from the side of the rear part into the bottom of the vehicle.



Install the roof, remove the roof of the front, take another warm white dot light and transparent plate.



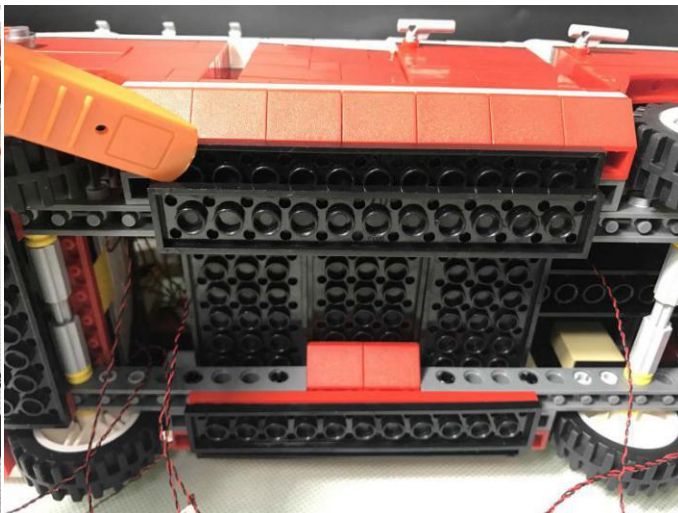
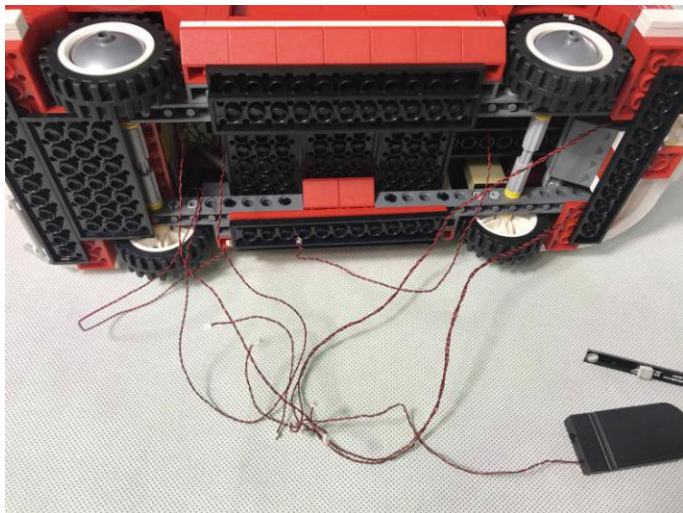
Thread the plug end from the back of the seat into the bottom of the vehicle.



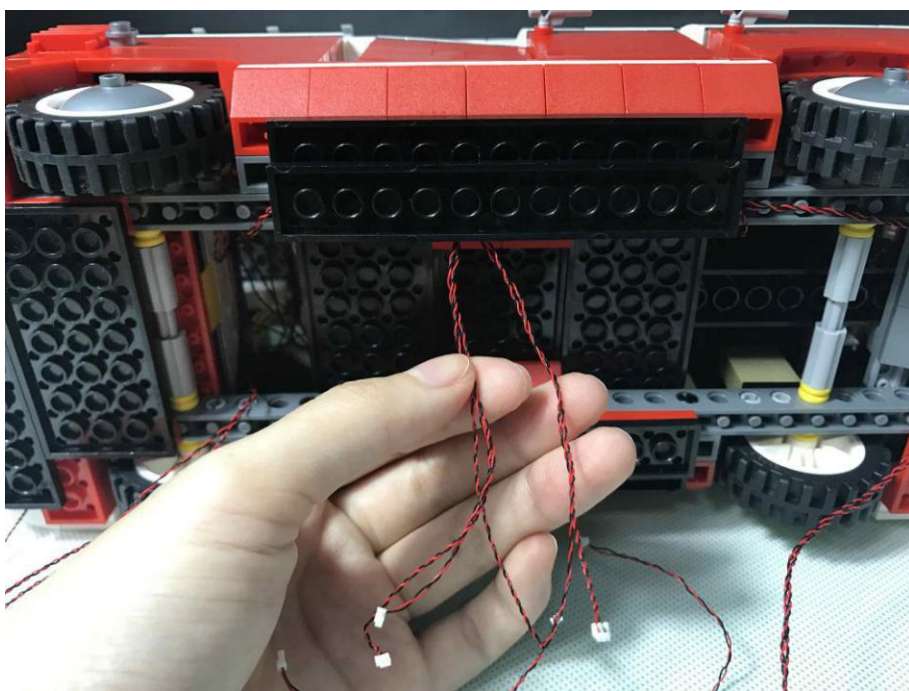
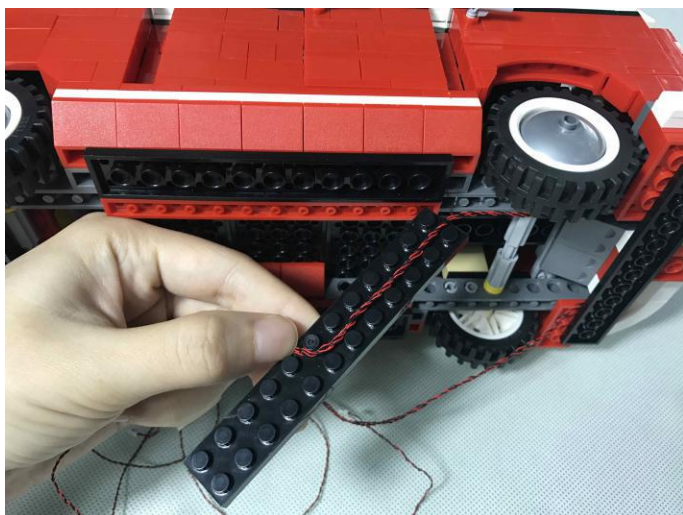
Installed back the roof, now we have completed the installation of interior lights.



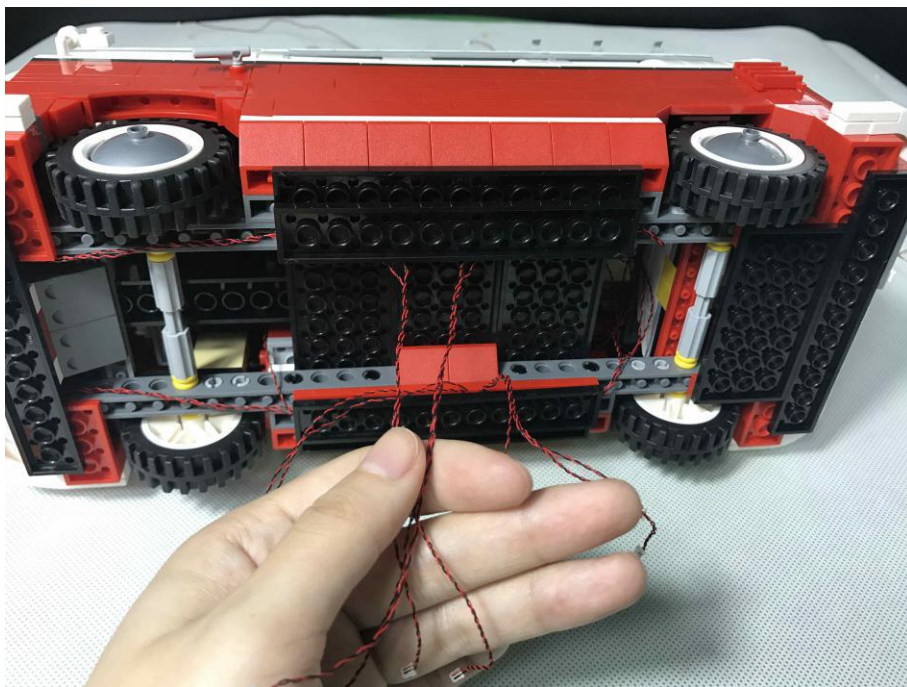
Now collect the cables at the bottom of the car and remove the black base plate on the side of the car.



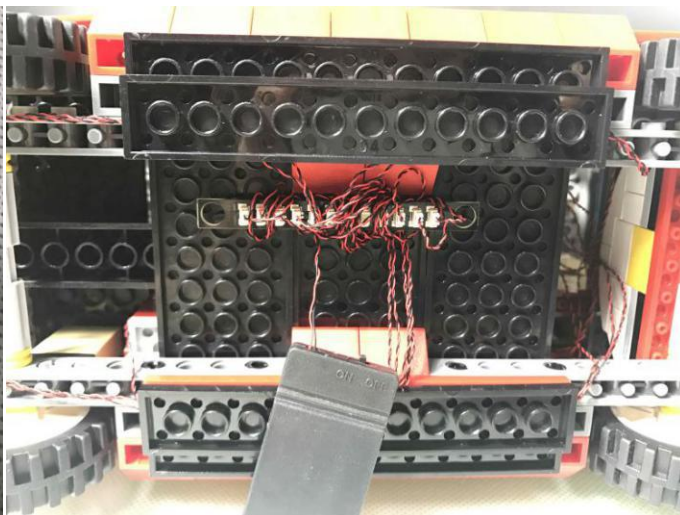
Screw the same side cable into 1 strand, follow the stud gap, press under the base plate, and leave 7 cables behind the car without pressing on the base plate.



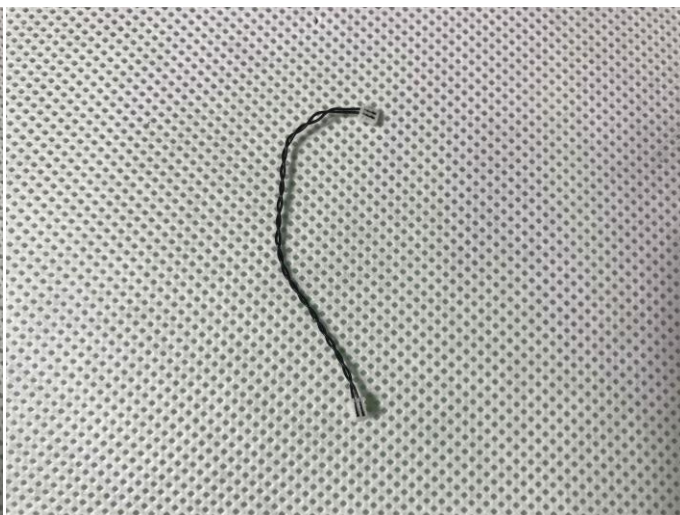
Repeat the process on the other side to hide the cable under the base plate.



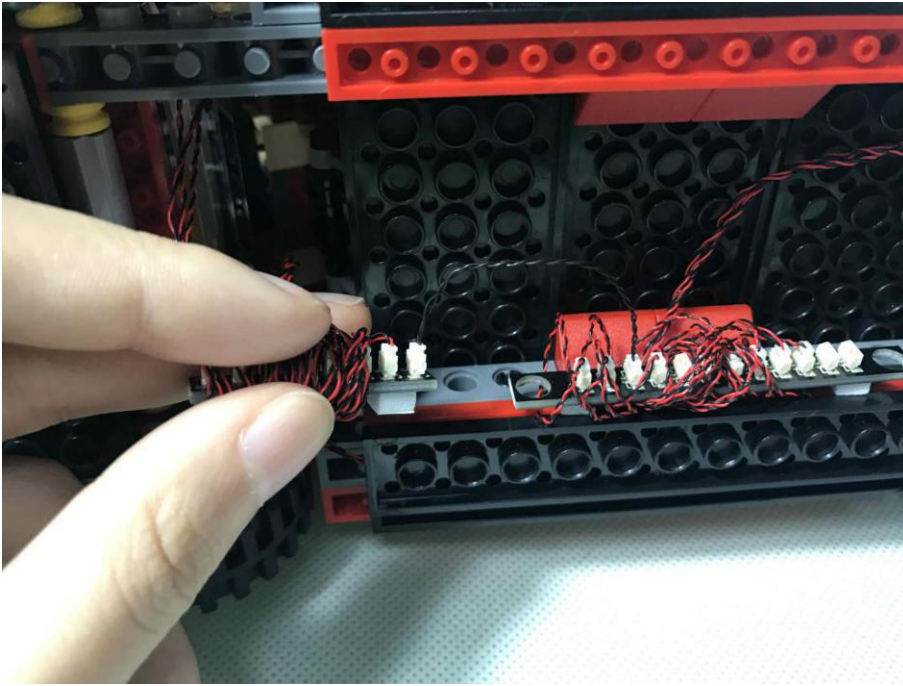
Take 2 pieces of adhesive square on the two ends of the 12-port expansion board, wrap around the board according to the slack of the cable, and stick the board to the bottom of the car (where you think it is appropriate).



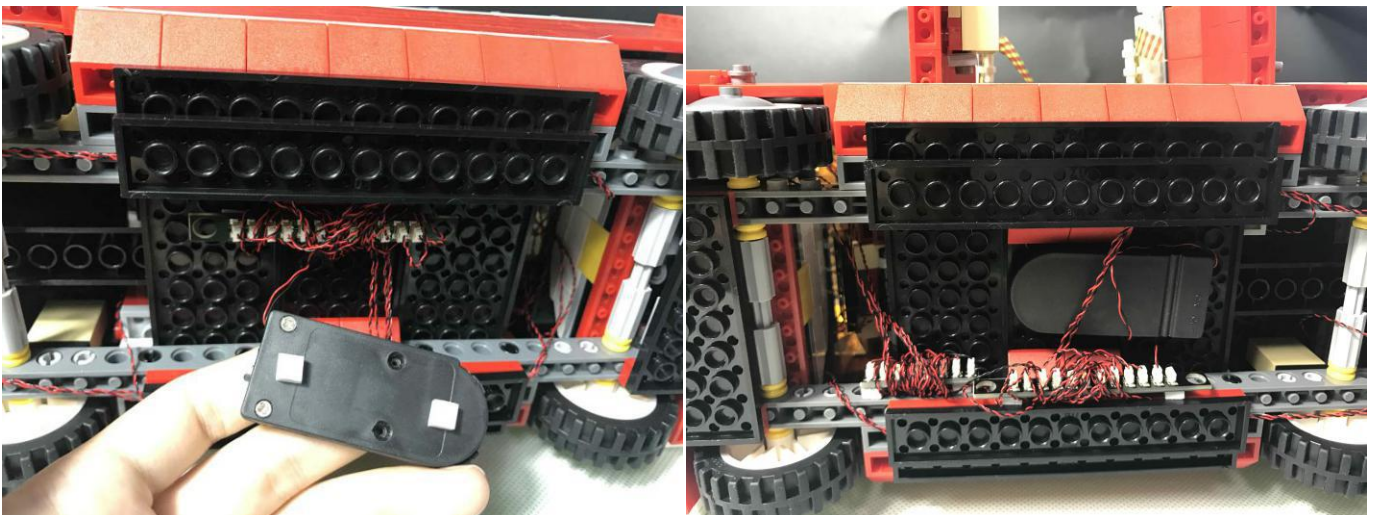
Take 8-port expansion board and one 5cm cable, take two adhesive squares and stick them on the two ends of 8-port expansion board.



Warp the leaving 7 cables around the board according to the slack of the cable, stick the board to the bottom of the vehicle, connect the 2 boards by a 5cm connecting cable.



Connect the battery pack to the 12-port expansion board and stick the battery pack to the bottom of the vehicle.



Now we have finished this kit. I hope you have fun!

