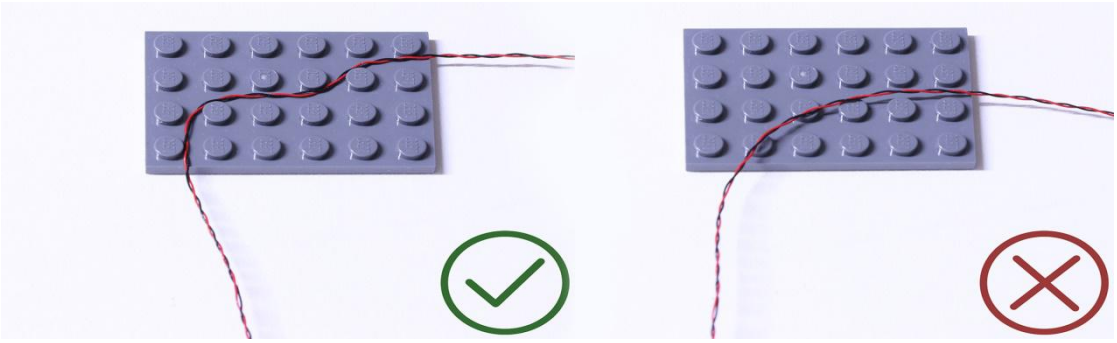
PORSCHE 911 RSR #42096 Advanced Version

Package contents:

- 8 x 15cm Warm White Dot Lights
- 2 x 15cm White Dot Lights
- 2 x 30cm White Dot Lights
- 2 x 15cm Connecting Cables
- 4 x 30cm Connecting Cables
- 1 x Warm White Strip Light
- 4 x Red Strip Lights
- 1 x 6-port Expansion Board
- 1 x 12-port Expansion Board
- 1 x AA Battery Pack

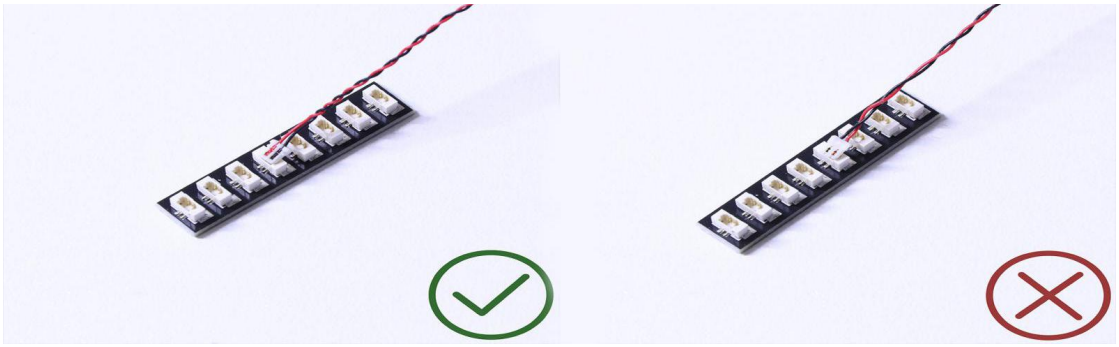
Note:

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.

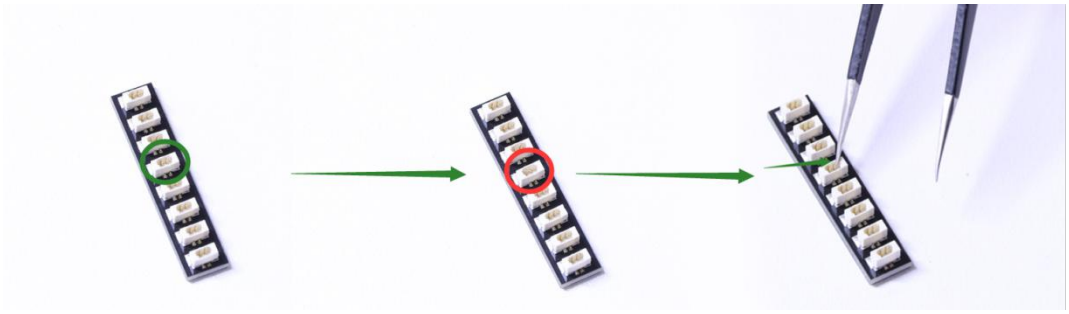


Insert the connectors to the ports.

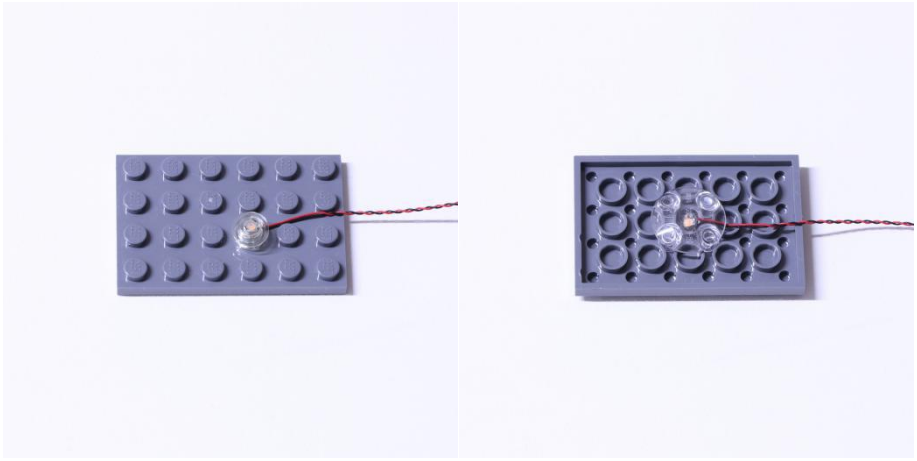
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

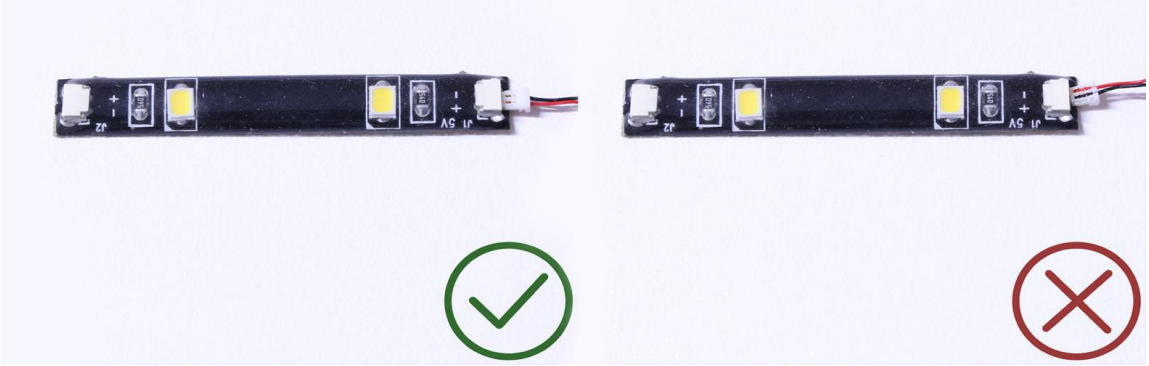


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.

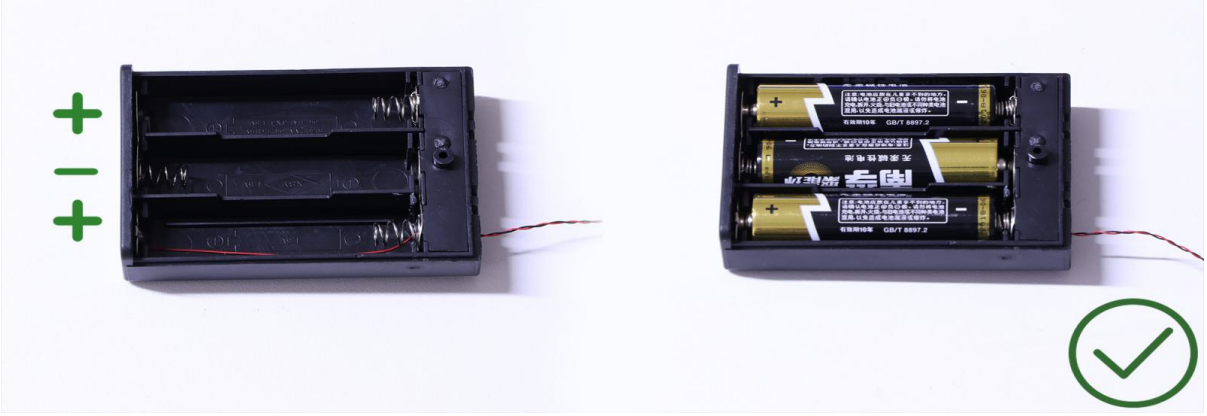


Connecting cable connectors to Strip Lights

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.

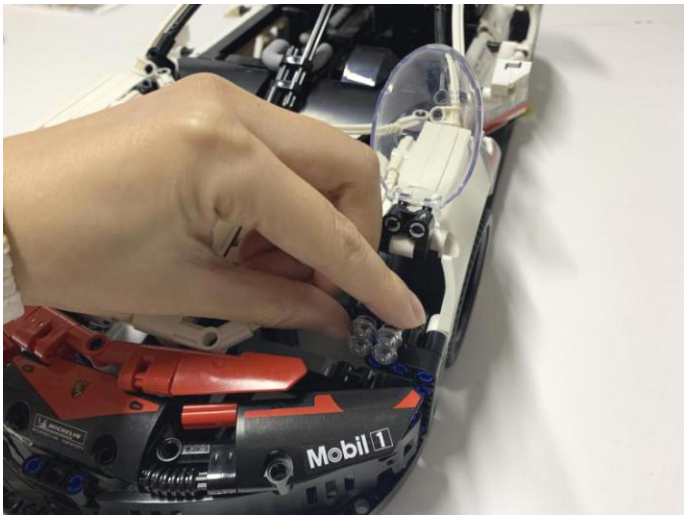


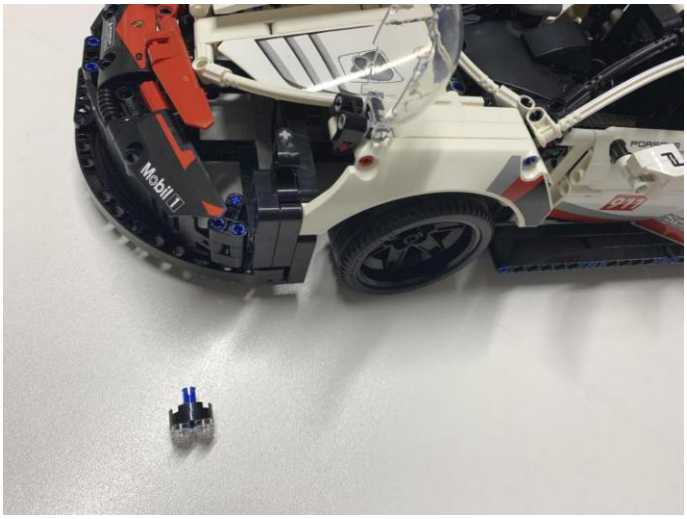
OK, Let's Begin!

Instructions for installing this kit

We'll firstly install lights for the car

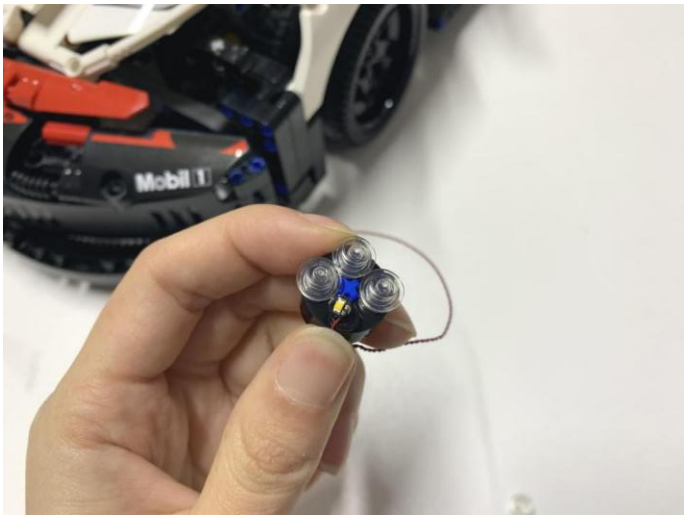
Start from the headlights

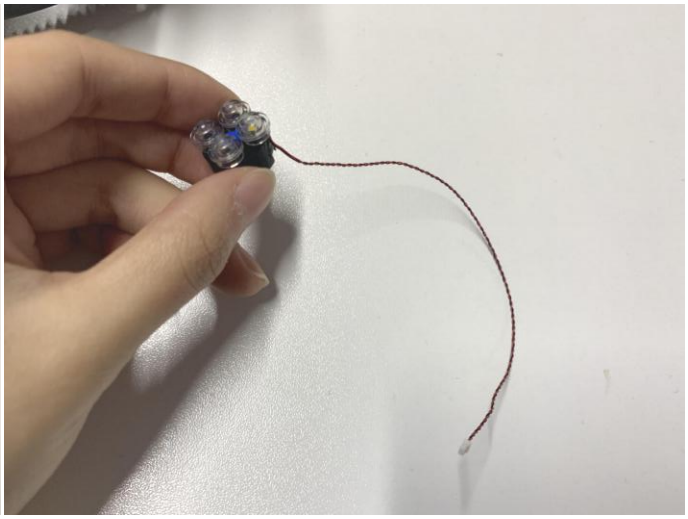




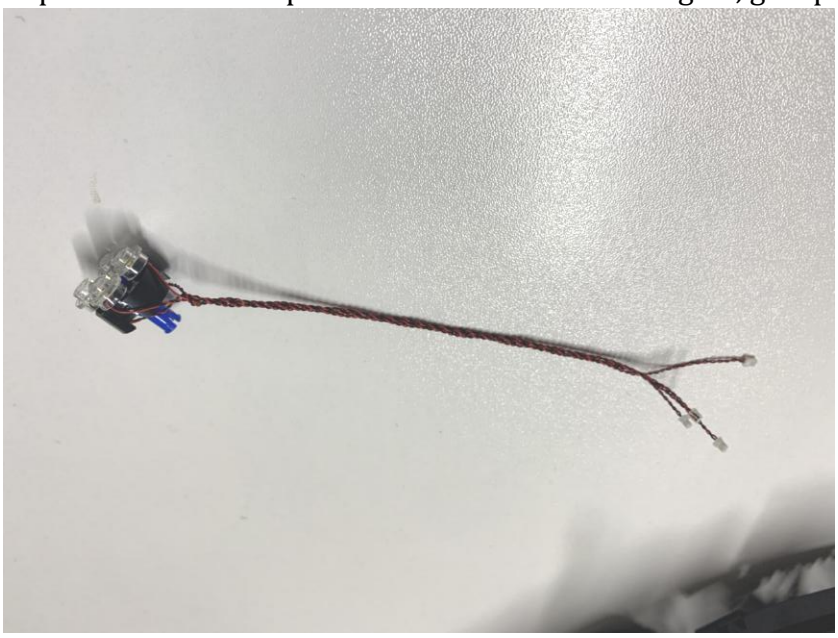
Take 4 warm white 15cm dot lights

With the lighting side facing up, secure it in place by connecting the trans round plate over



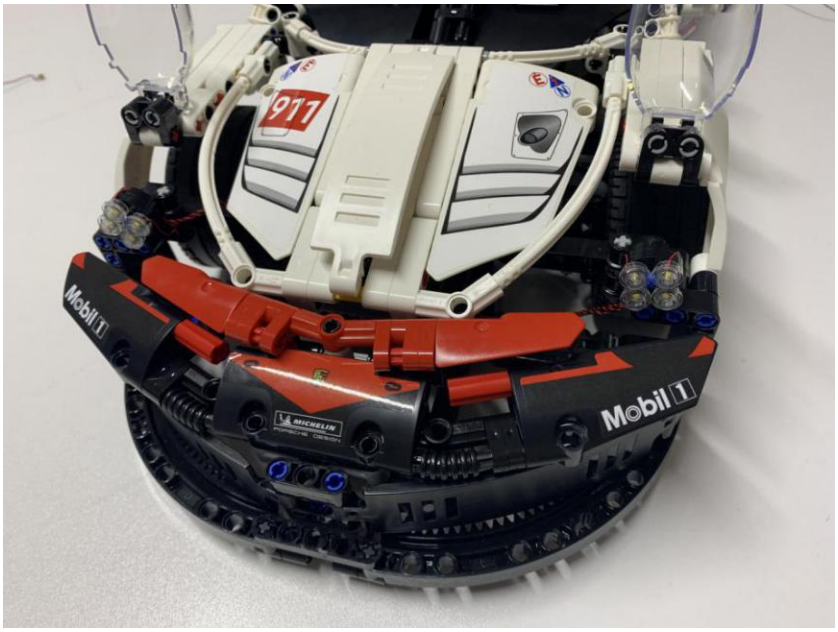


Repeat the above steps to install the other 3 dot lights, group all cables together

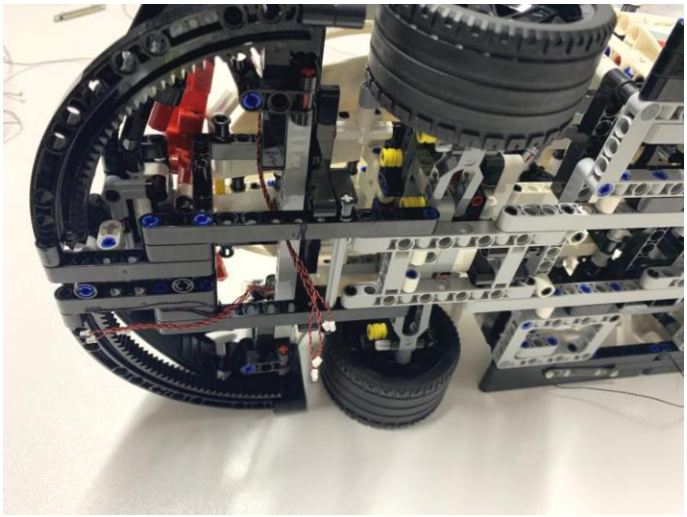


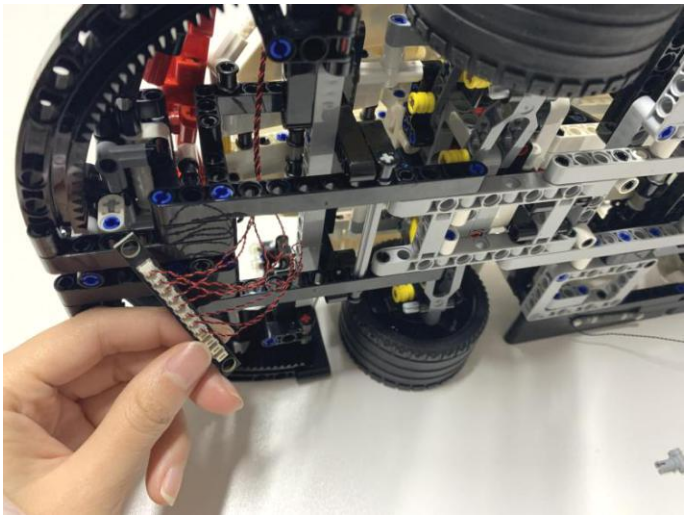
Reconnect the front section of the car back, thread the cables through to the inside of the car

Take another 4 warm white 15cm dot lights, repeat the previous steps for the headlights at the left side

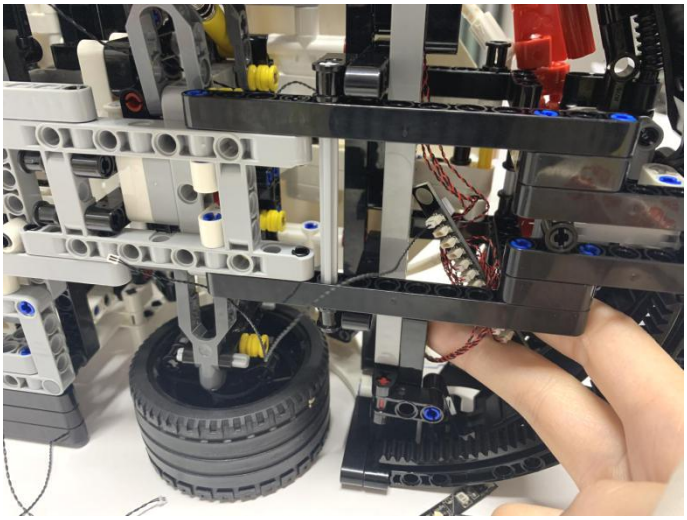


Turn the car over to its side, take a 12-port expansion board, connect all cables to it

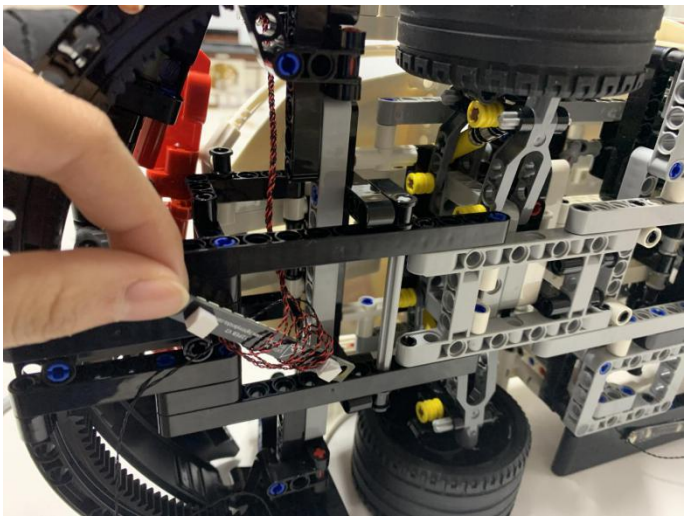
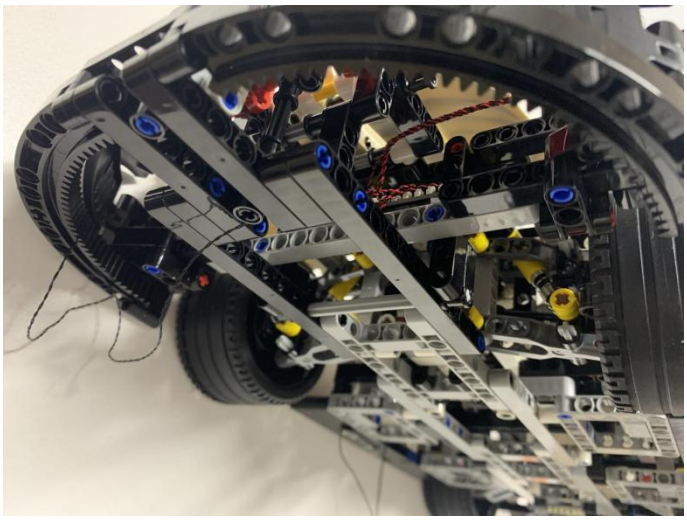




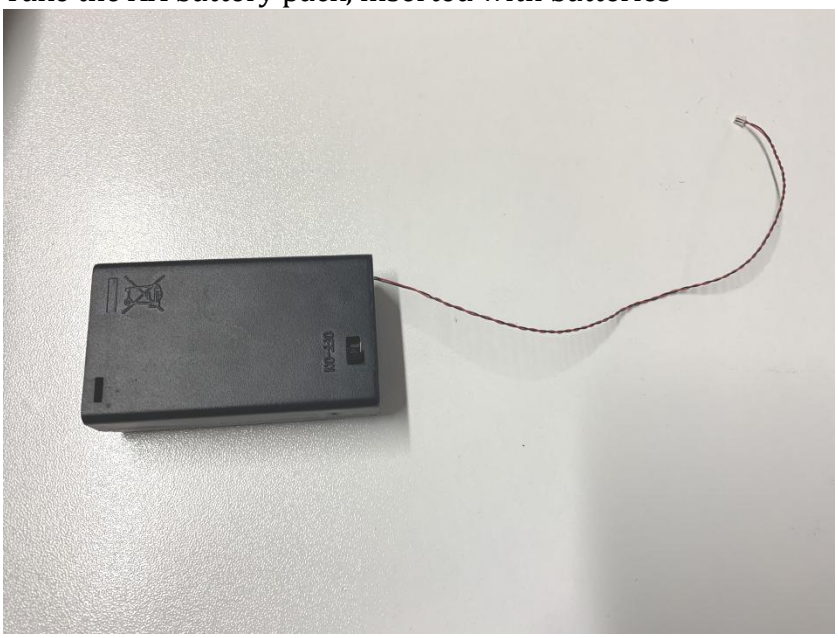
Take a 15cm connecting cable, connect it to the 12-port expansion board



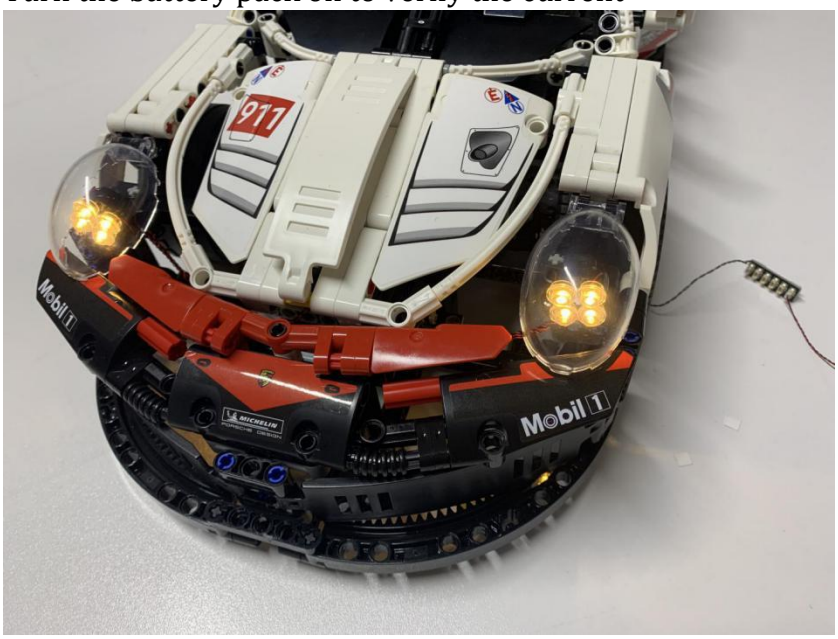
Stick tapes at both sides of the expansion board, tuck excess cables around the board, then, stick the expansion board to the inside of the car

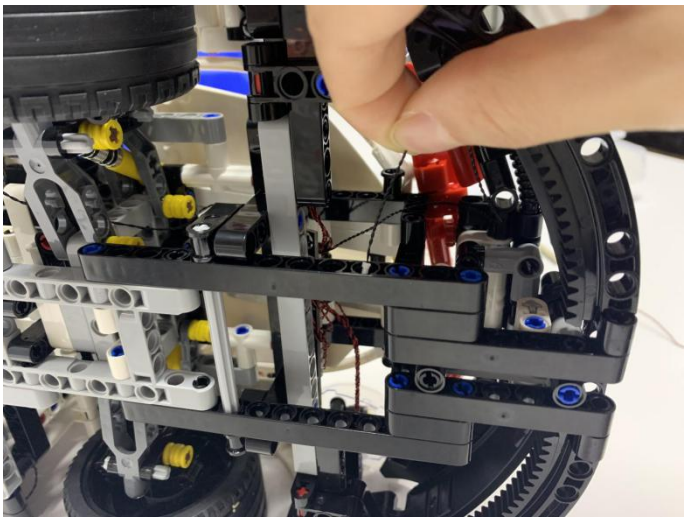
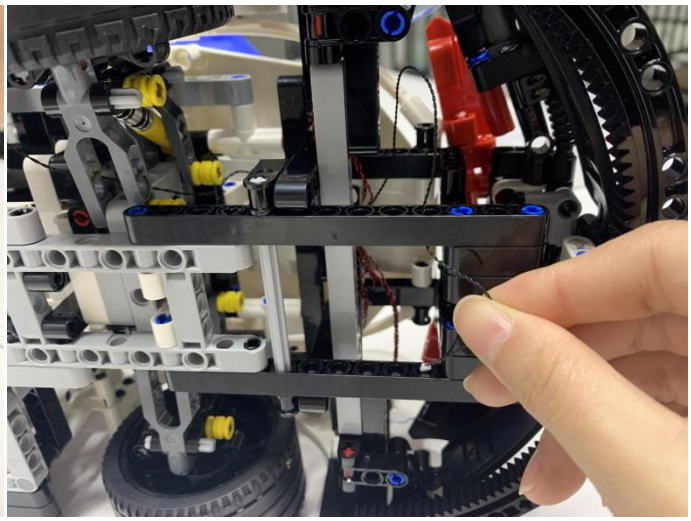
Take the AA battery pack, inserted with batteries

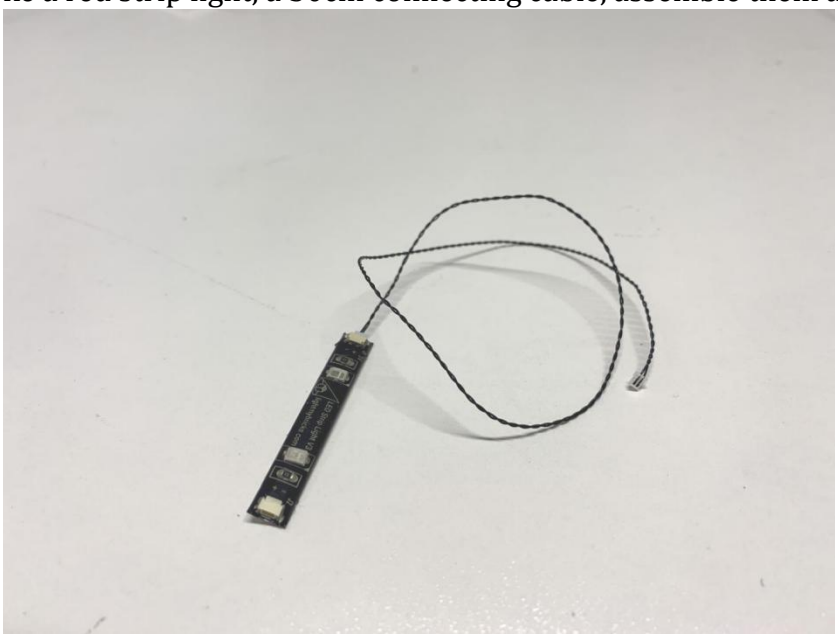


Turn the battery pack on to verify the current

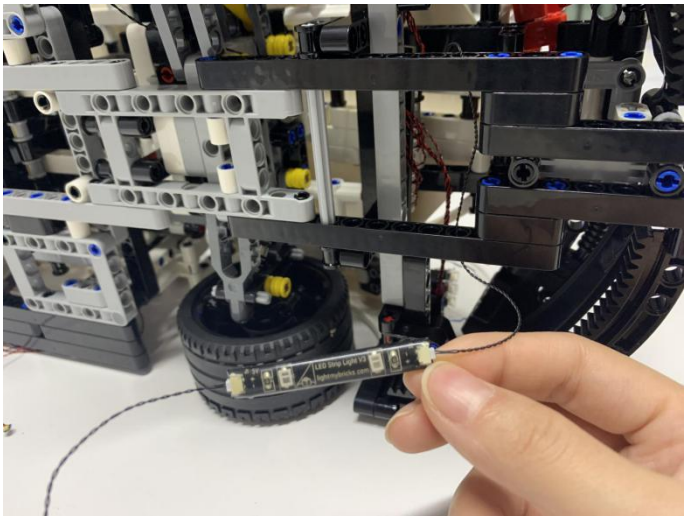
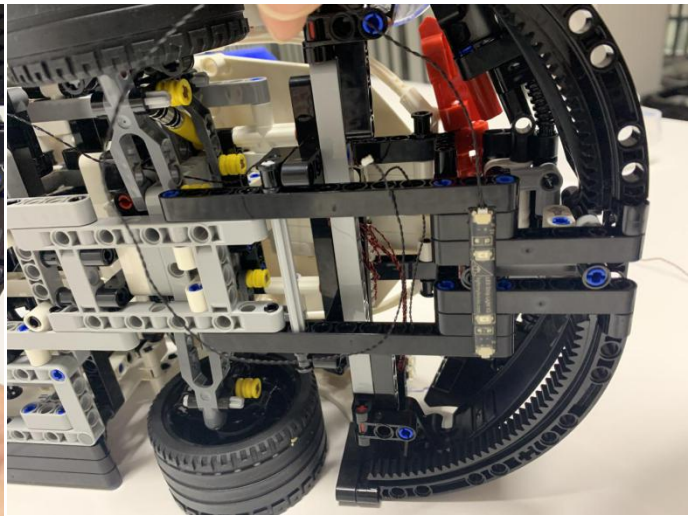


Disconnect the battery pack, thread the 15cm connecting cable through the following gap, pull it out from the bottom

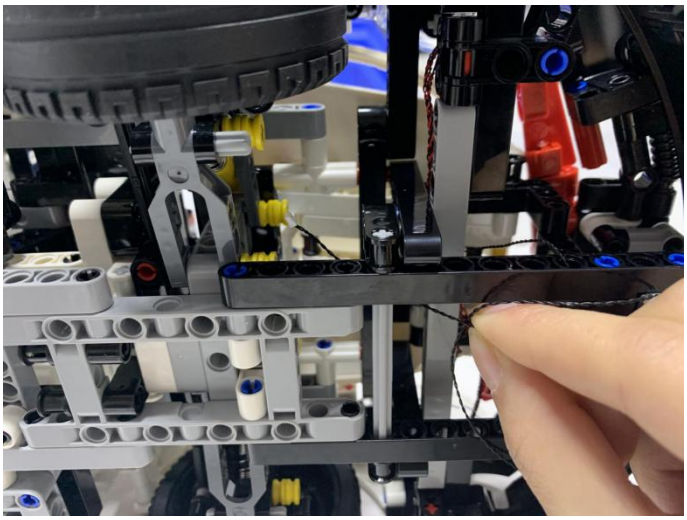
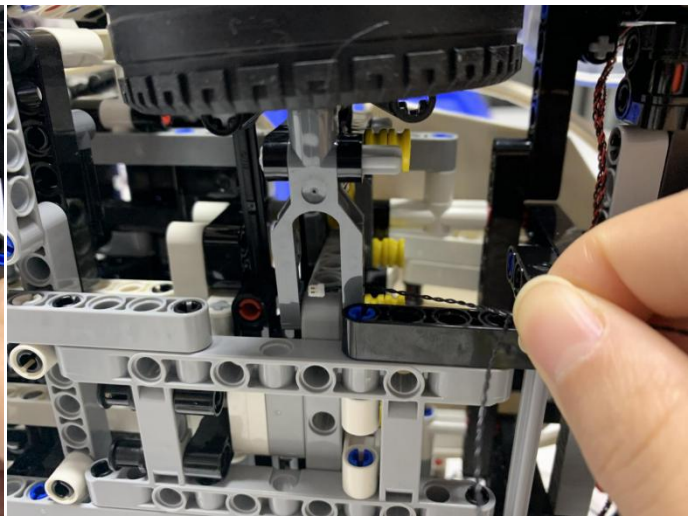
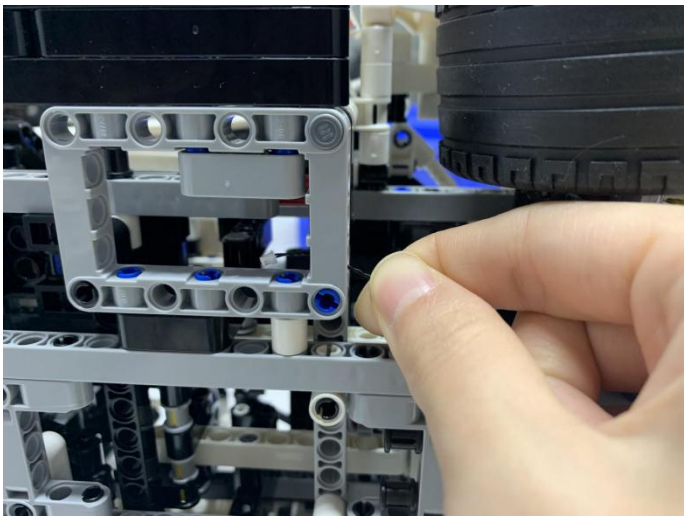
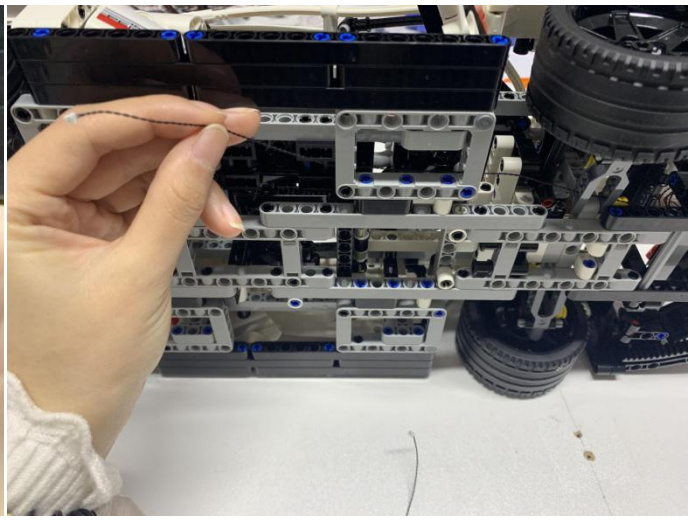


ta
ke a red strip light, a 30cm connecting cable, assemble them as per below



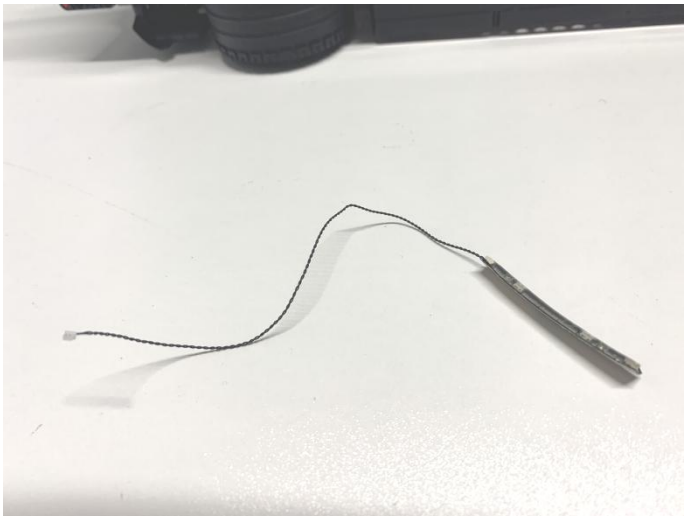
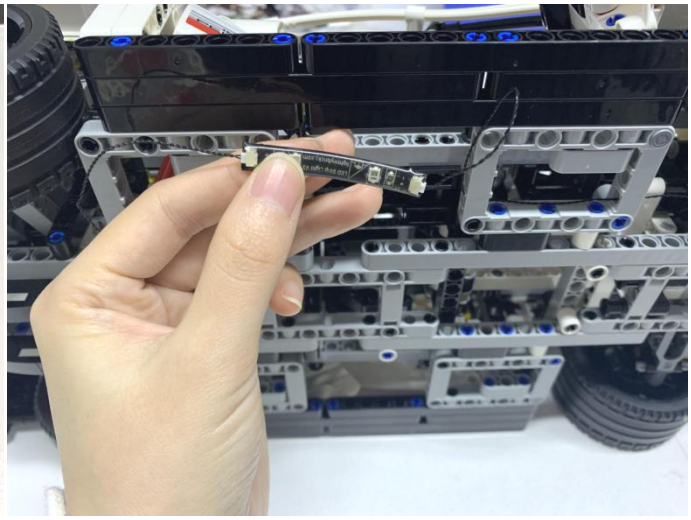
Connect the other port of the strip to the 15cm connecting cable, stick the strip at the following position

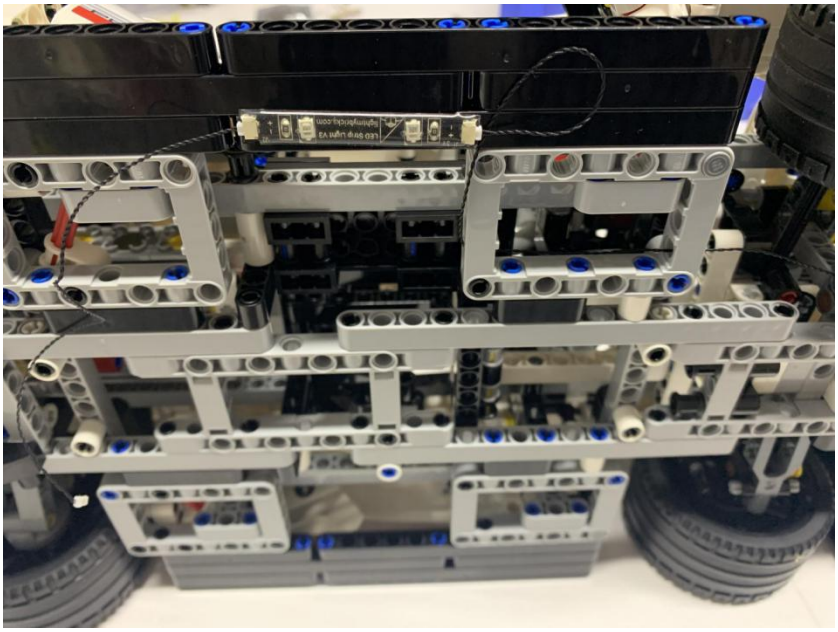
Thread the 30cm connecting cable through the following gap, pull it downward to the center underneath the car

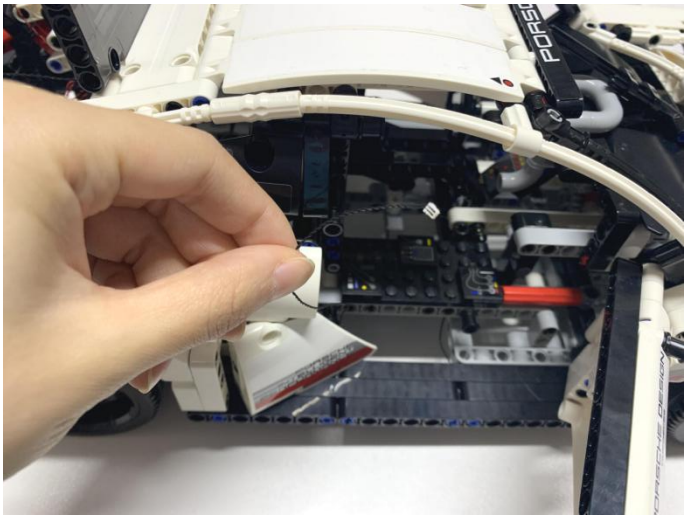
Take a red strip light, a 15cm connecting cable, assemble them together, connect the other end of the 30cm connecting cable to the strip

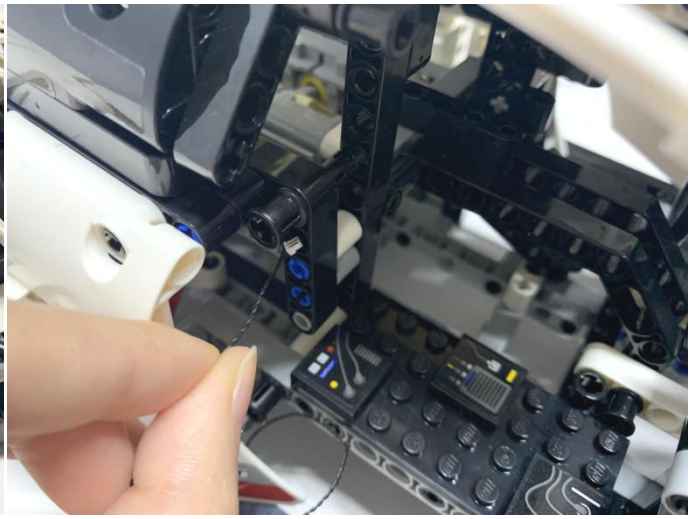



Stick the strip to the following position

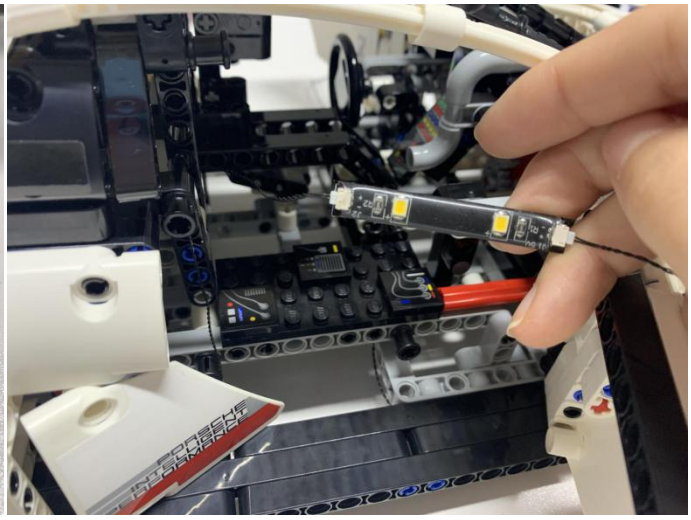


Turn the car over, thread the 15cm connecting cable into the cab

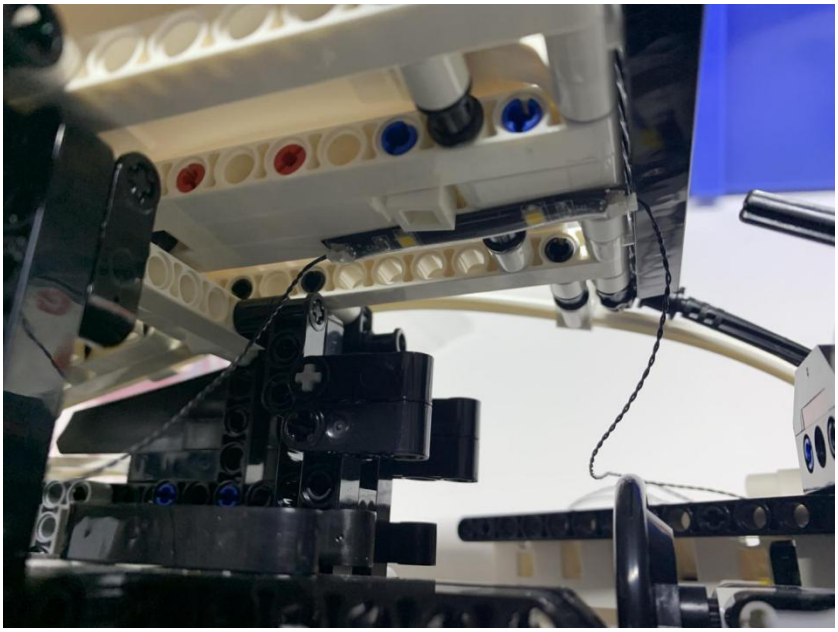




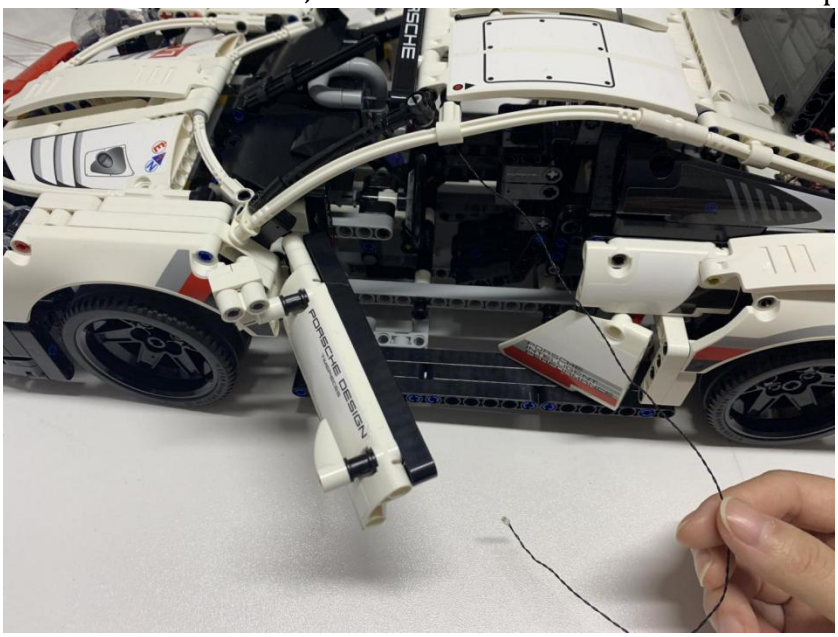
Take a warm white strip light, a 30cm connecting cable, assemble them as per below, connect the other port of the strip to the 15cm connecting cable

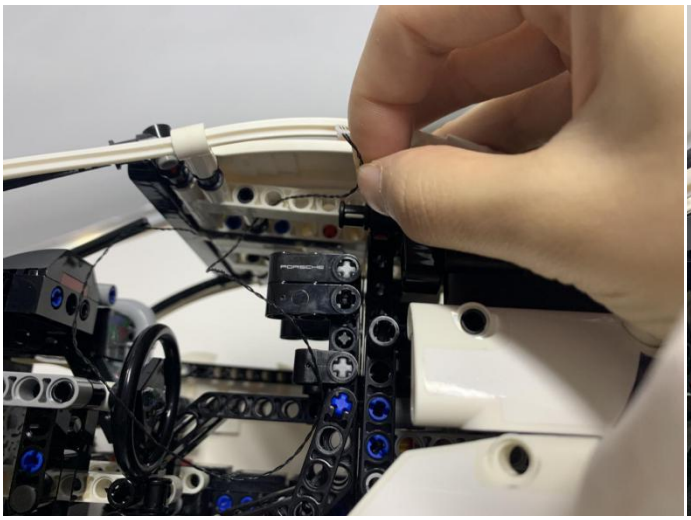


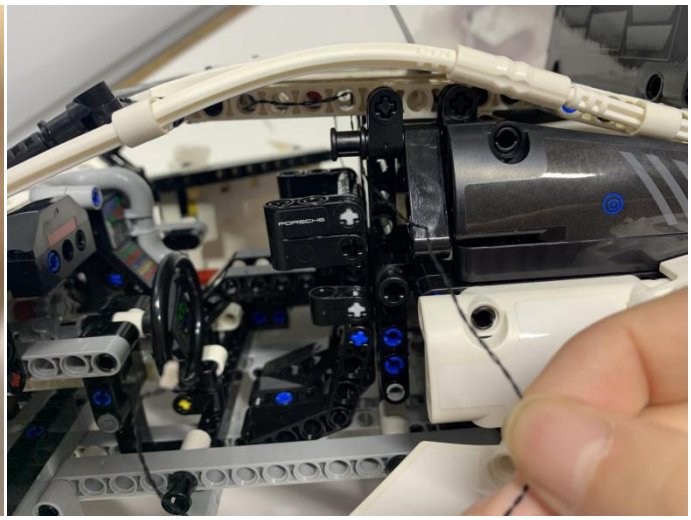
Stick the strip to the roof of the car

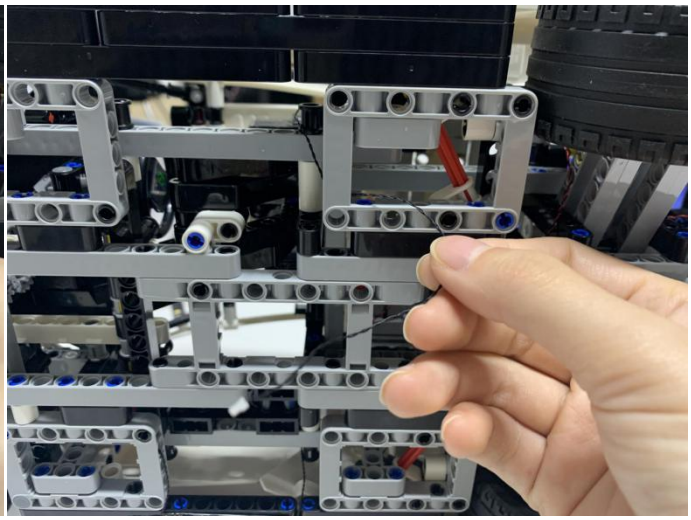


Now, turn to the other side of the car, thread the 30cm connecting cable through the following gap to the bottom of the car, tuck excess cable around the technic piece

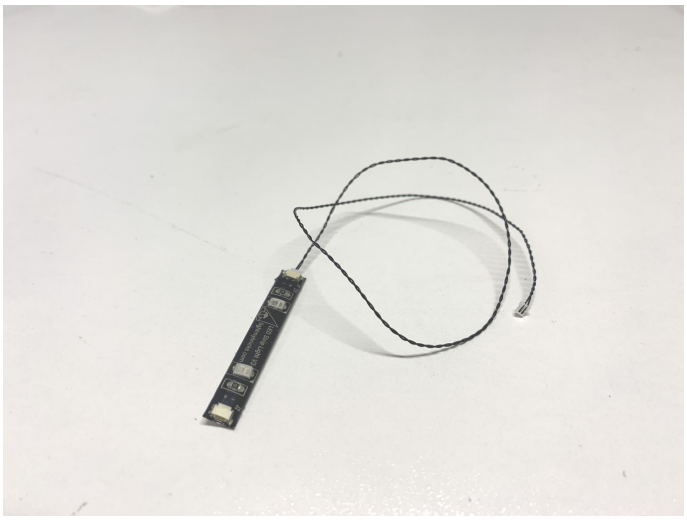
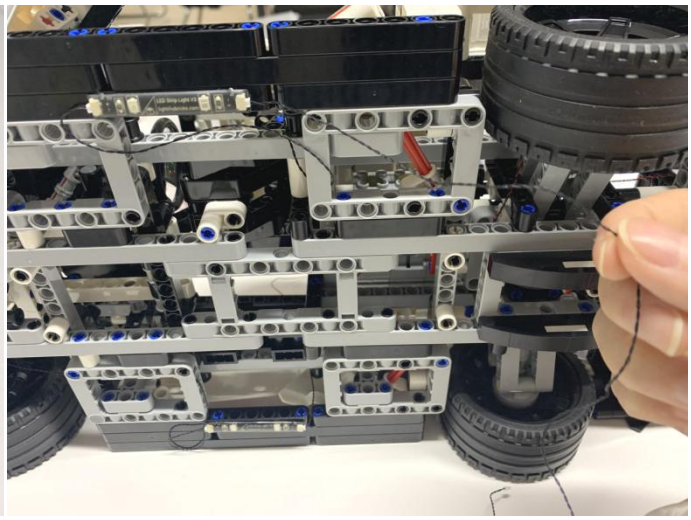




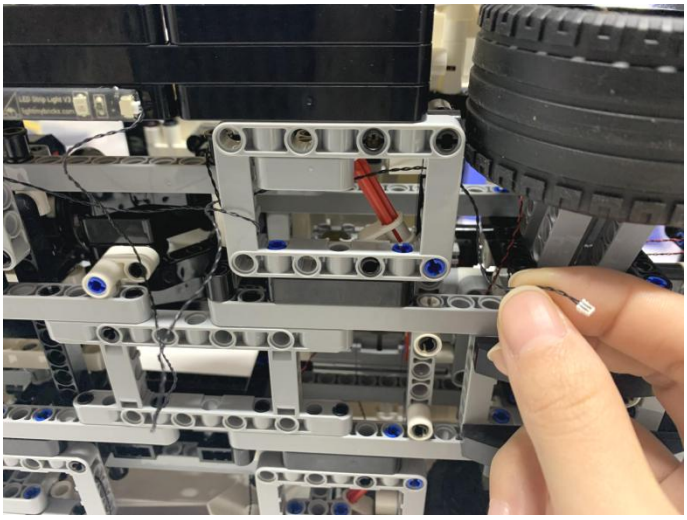
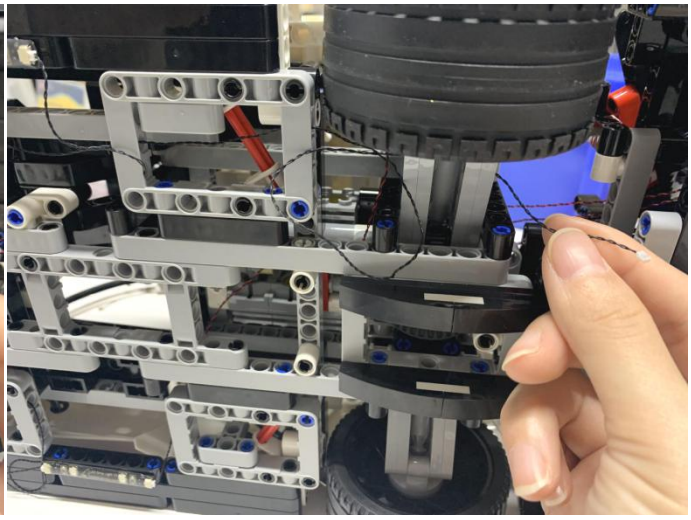




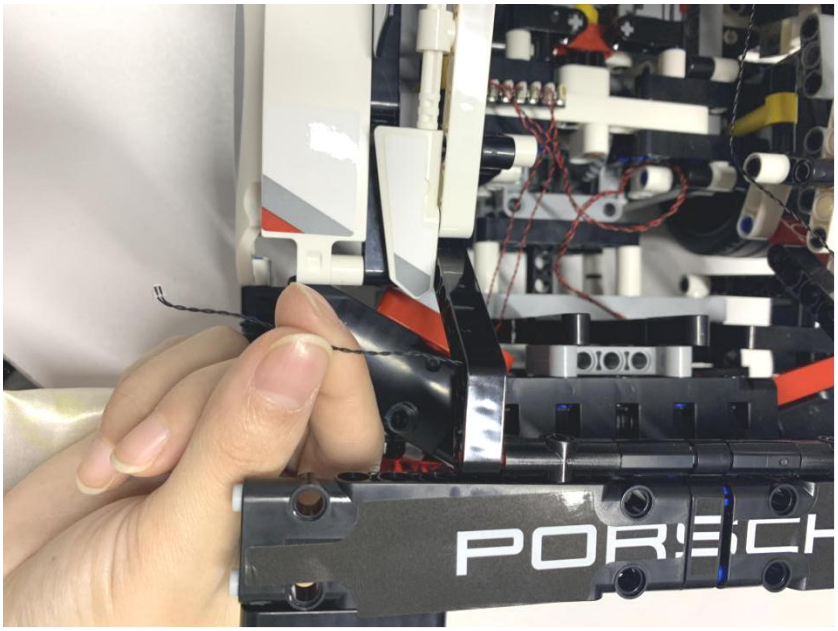
Similarly, take a red strip light, a 30cm connecting cable, assemble them together. Connect the other port to the previous 30cm connecting cable, stick the strip to the following position

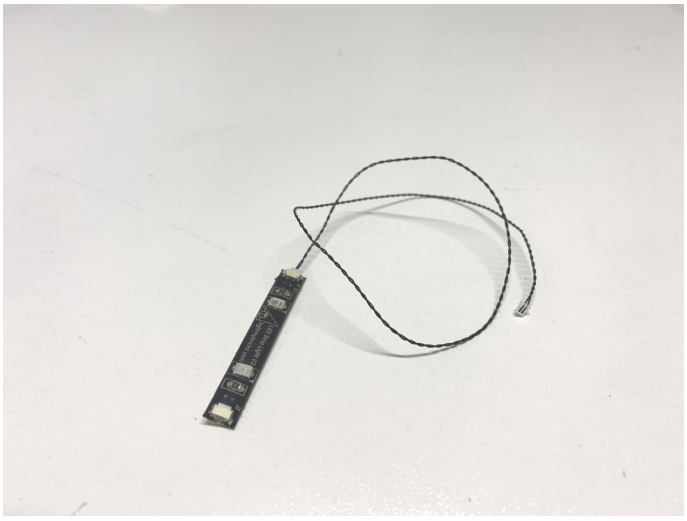
Thread the 30cm connecting cable through the following gap, pull it to the back of the car

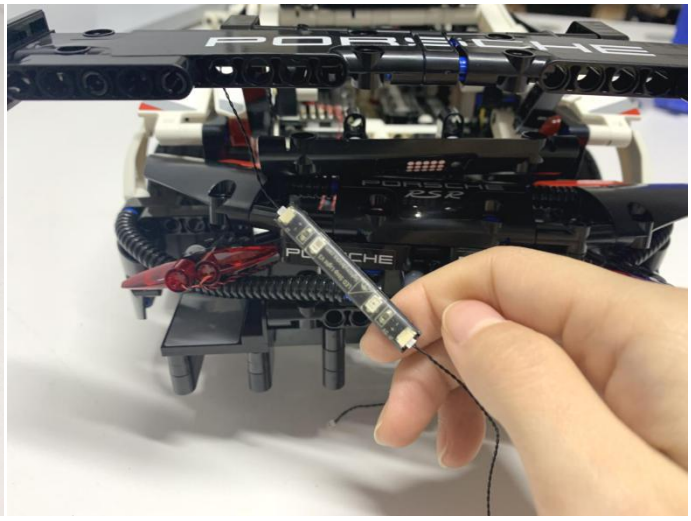



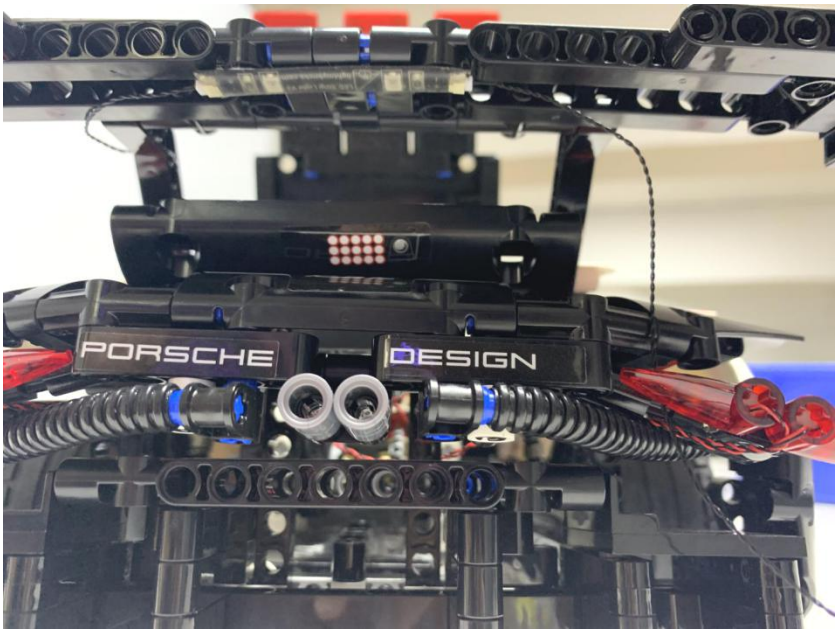
Continue to thread it through the gap at the spoiler



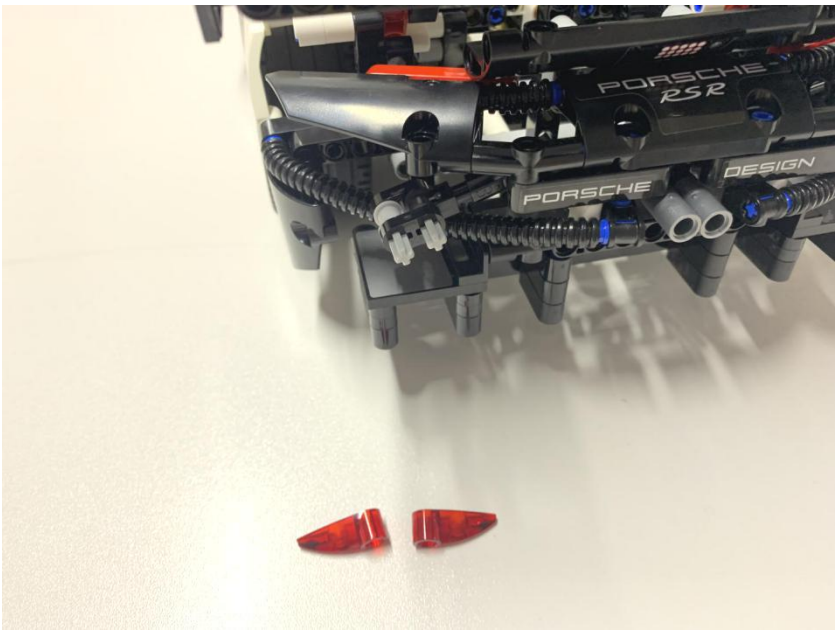
Similarly, take a red strip light, a 30cm connecting cable, assemble them together. Connect its port to the previous 30cm connecting cable. Stick the strip light to the spoiler.





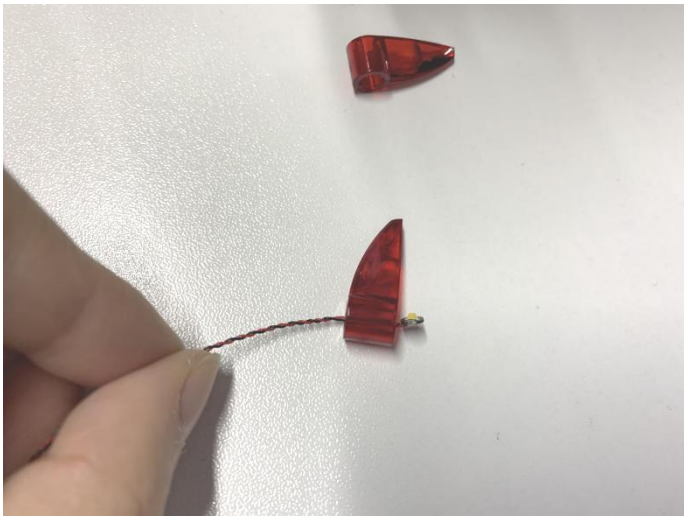


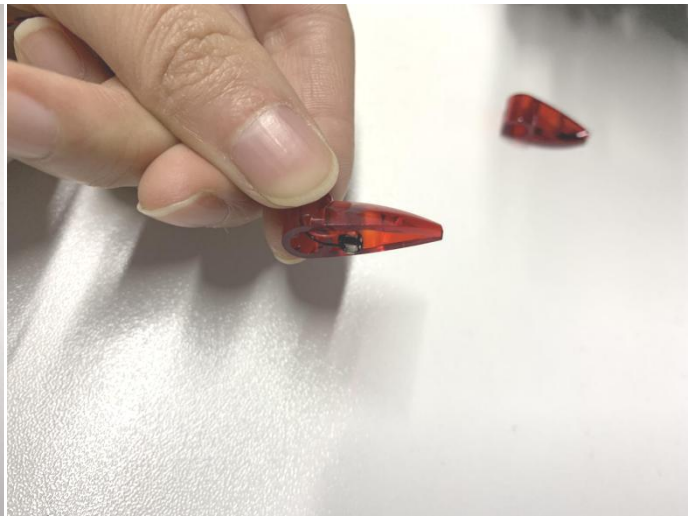
Take 2 white 15cm dot lights

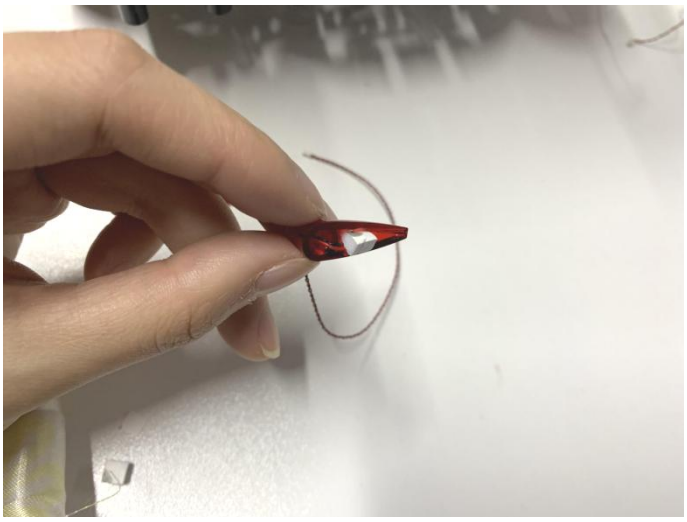


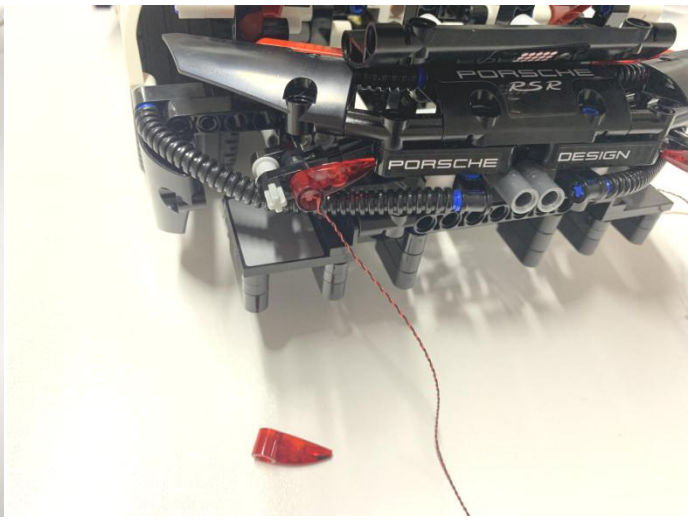
Now, move onto installing the taillights

With lighting side facing down, thread the light through the trans red piece, reconnect the trans red piece to the back of the car. Note: force to reconnect it may break the cable

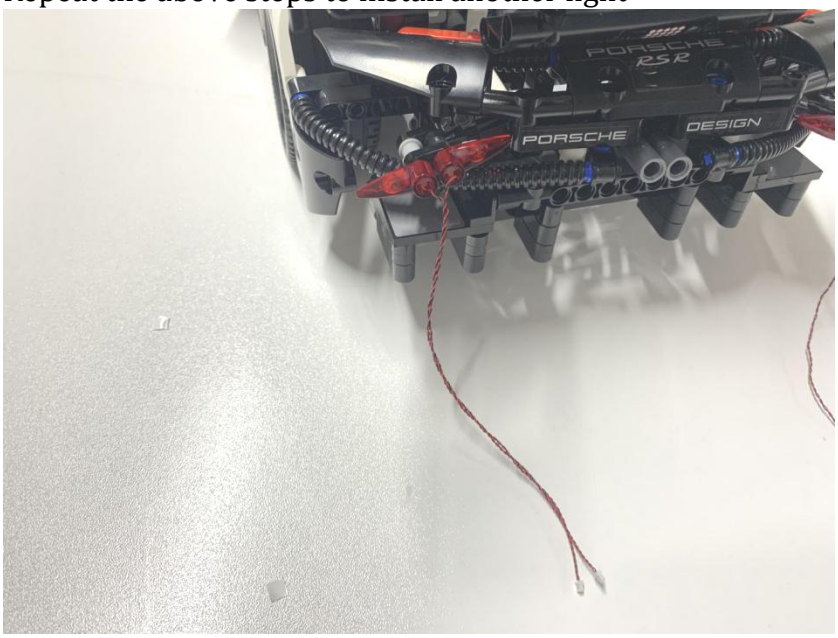




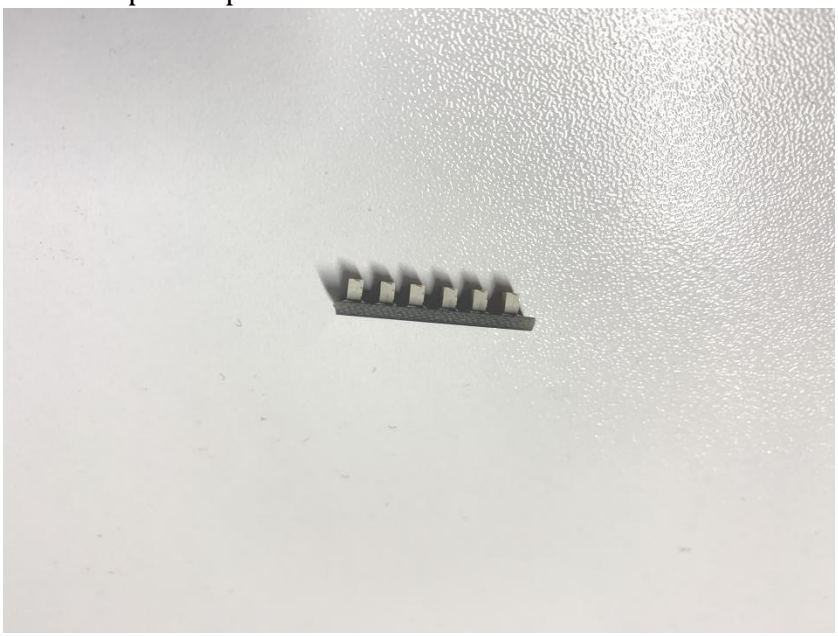




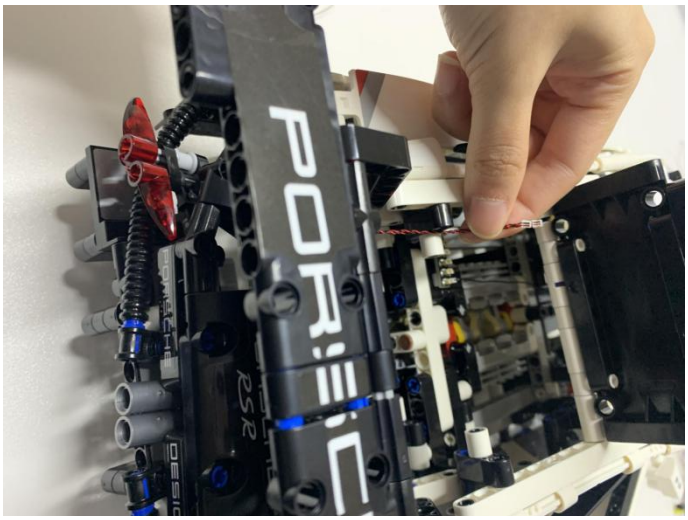
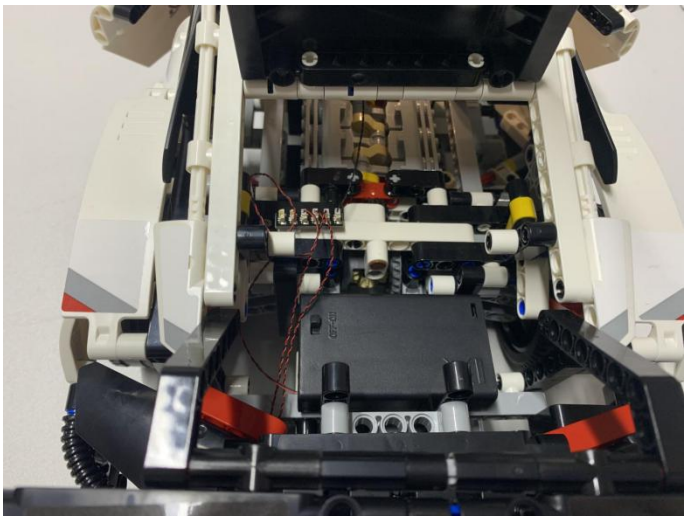
Repeat the above steps to install another light



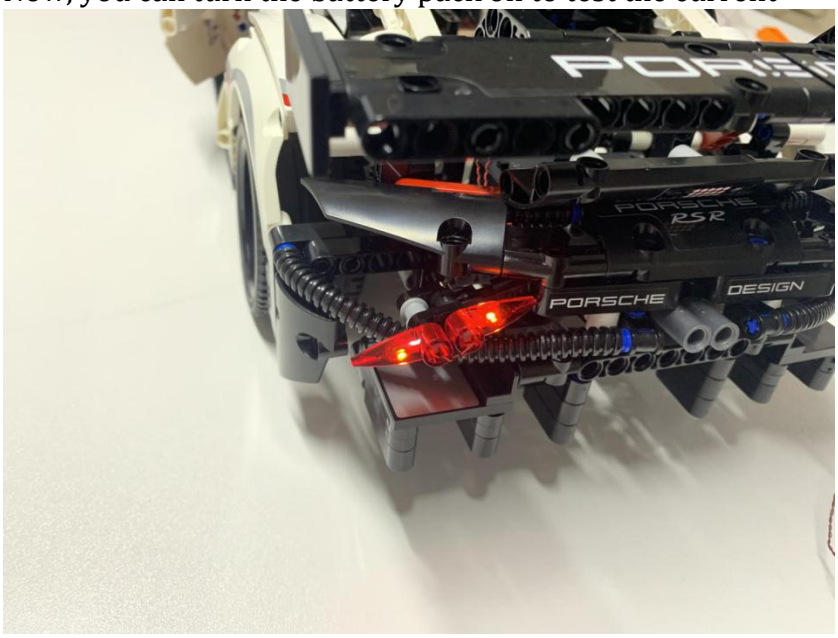
Take a 6-port expansion board



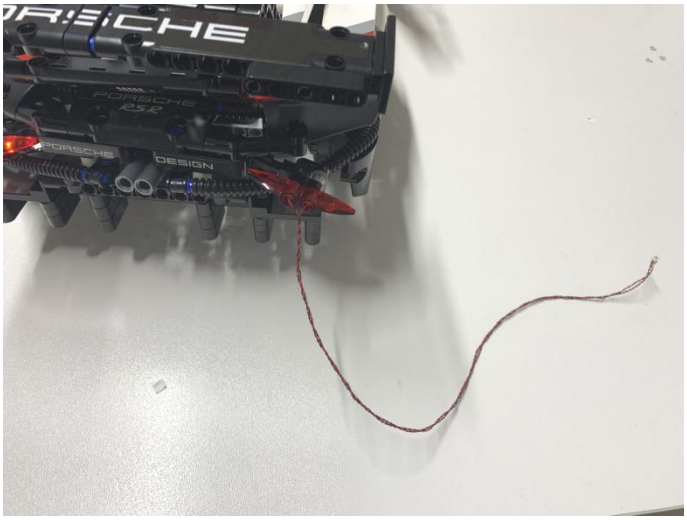
Thread the cables into the boot, connect them to the 6-port expansion board, place the AAA battery pack at the following position

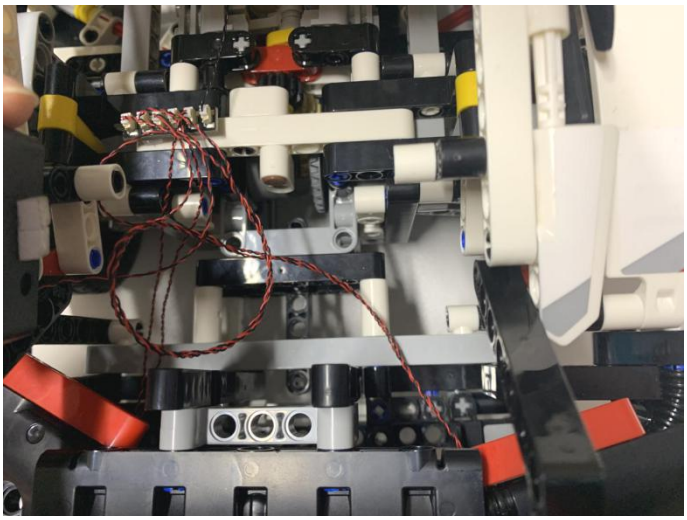
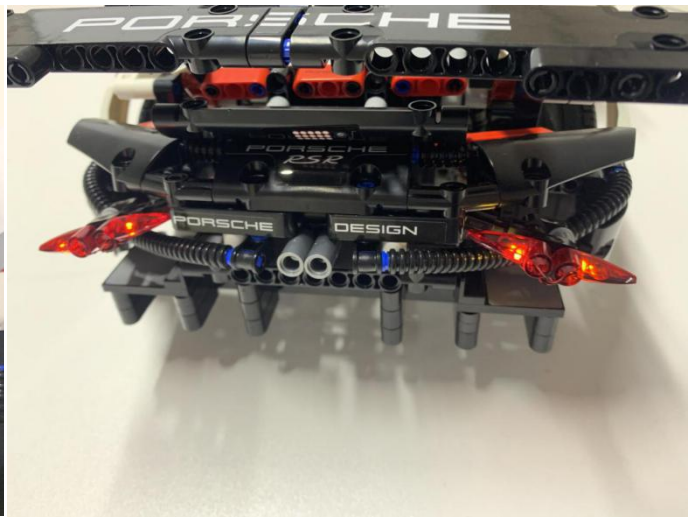
Now, you can turn the battery pack on to test the current



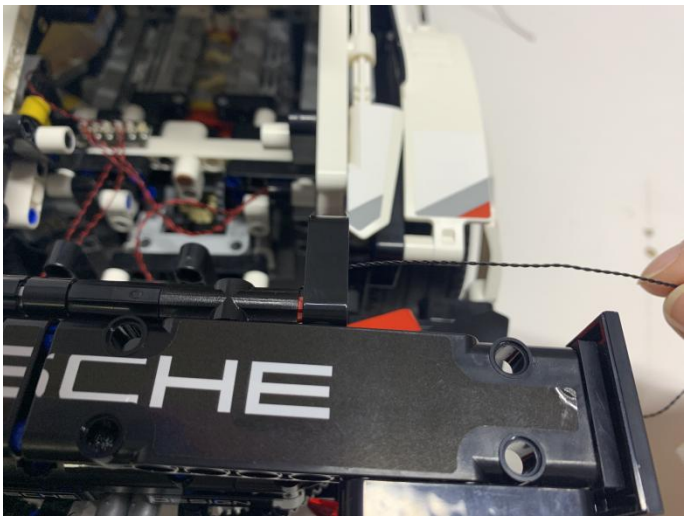
Take 2 white 30cm dot lights, connect them to the other side at the back of the car

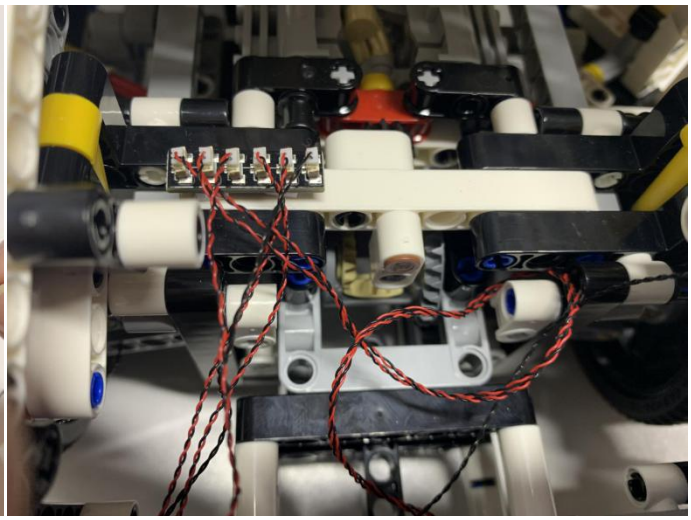


Connect them to the 6-port expansion board, turn the battery pack on, then check if the lights are working OK

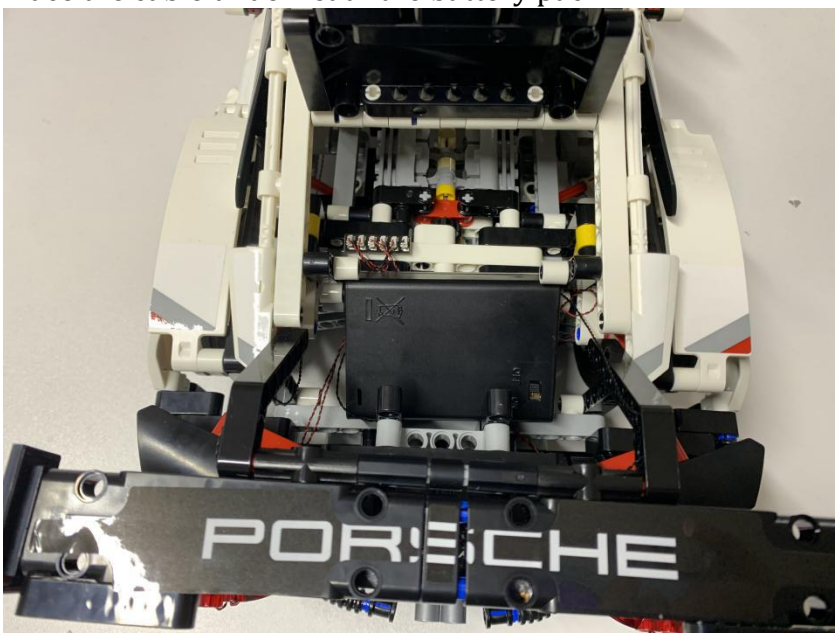



Wind the 30cm connecting cable around the technic piece before connecting it to the 6-port expansion board

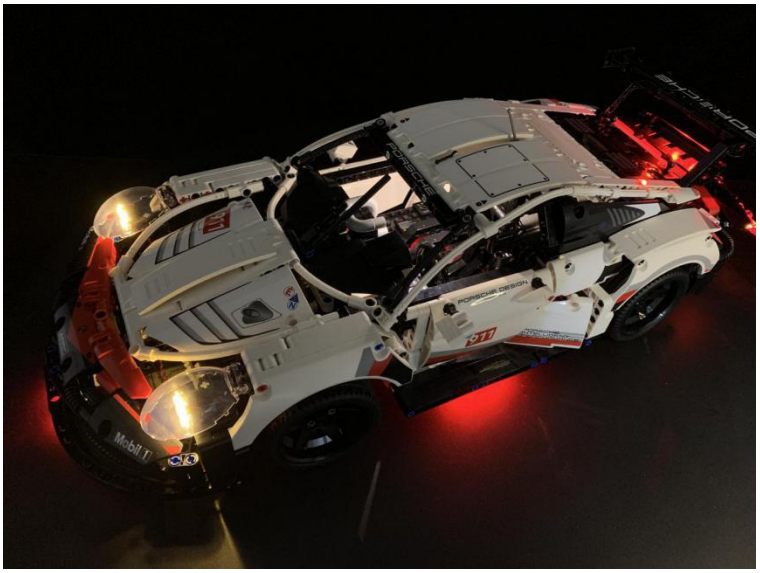


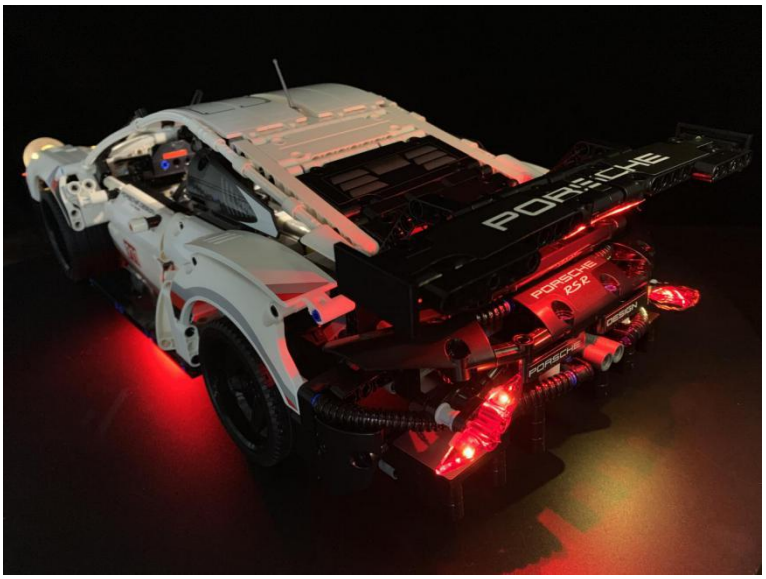


Place the cable underneath the battery pack



This completes installation of this LED Lighting Kit. ENJOY!

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