

42083 Bugatti Chiron P8702

- **P8702 is the unique code of lighting set, we use this to accurately identify the product you purchased and the corresponding manuals and services you need to obtain. Please make sure your product code is the same as the label on the back of the box shown “42083 P8702”.**
- **Installation requires a lot of patience and great observation that your LEGO bricks will come alive when you get this finished. The bricks with lighting as below, so make sure you're ready and let's get started.**



Strategies for the Installation

This instruction divides three sections to complete the installation of the lighting set.

Section A: Check the type and quantity of components.

The quantity and type of components of each products are different and it needs to be carefully checked to make sure there do have enough material. The type of components is indicated by the label on the bag.

Section B: Test that each components is working properly.

Each components is made individually so it is necessary to test that each components is working properly to avoid the situation that the lighting does not work .

Section C: laying out components following the instruction.

Our material is very small but not fragile, just be reminded that don't to pull the wires too hard. For different people, there may be some installation steps that you can't understand. Please look at the previous and later installation step

Section A: Check the type and quantity of components.

There are 11 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
Bit Lights-15CM-White	Bit Lights-15CM-White	9
LED Strip Lights-Warm White	LED Strip Lights-Warm White	2
Expansion Board	6 Socket Expansion Board	1
	12 Socket Expansion Board	2
AA Battery Box	AA Battery Box	1
Connecting Cables-5CM	Connecting Cables-5CM	2
Connecting Cables-15CM	Connecting Cables-15CM	1
Connecting Cables-30CM	Connecting Cables-30CM	1
Bit Lights-30CM-Red	Bit Lights-30CM-Red	11
Sticks-White-12.5CM	Sticks-White-12.5CM	1
Sticks-Red-20CM	Sticks-Red-20CM	1
Parts package		

Please contact us immediately if there have any missing components.

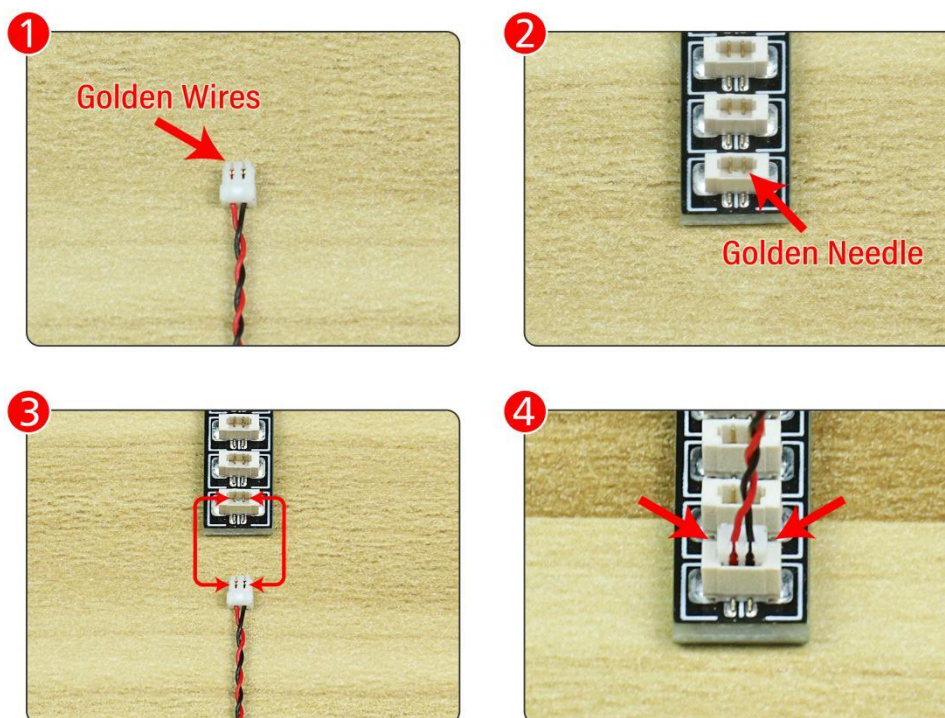
Section B: Test that each components is working properly.

We need a structure to test all lights, so take out the bag with label “USB Power Cord”and “Expansion Boards”as follows.



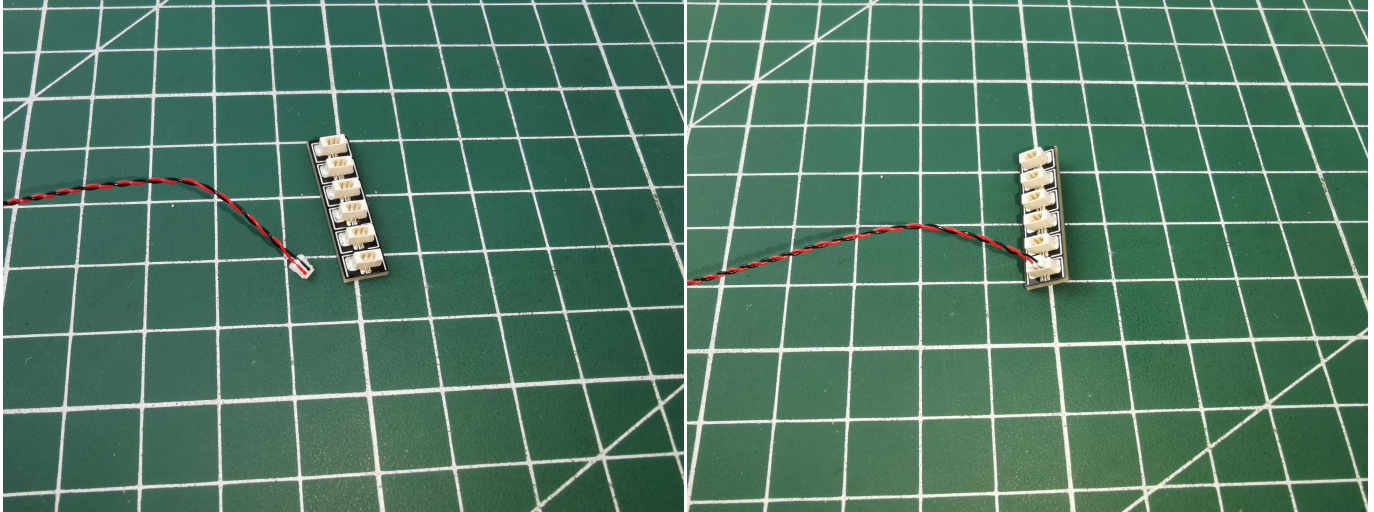
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

Note that on one side of the white plug you can see two very small golden wires that should be connected to the two golden needles in socket of the expansion board.shown as blow.



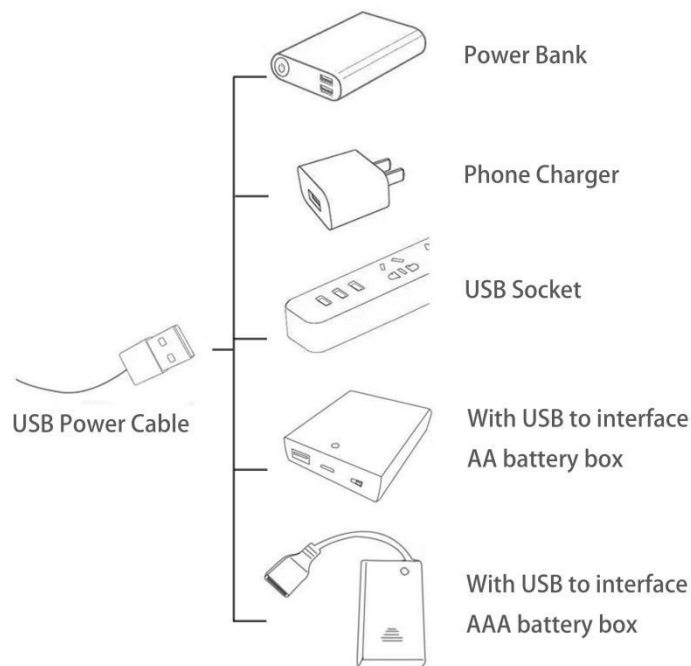
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

The connection method between the USB Power Cord and Expansion Boards is as follows:



The USB Power Cord can be powered by phone chargers, power banks, etc.

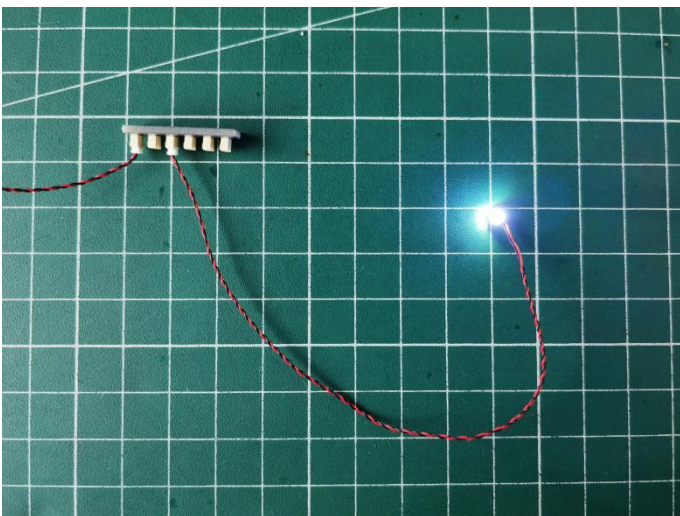
USB connectors to connect devices



This instruction will use the power bank as power supply . The test structure is shown as follow. All lamp in this set will be tested by this structure.



when we test "Bit Lights-15CM-White" particles,Take out the bag labelled "Bit Lights-15CM-White".Take out one of the light and connect it to the socket. Turn on the power bank, the light will turn on normally as shown below.



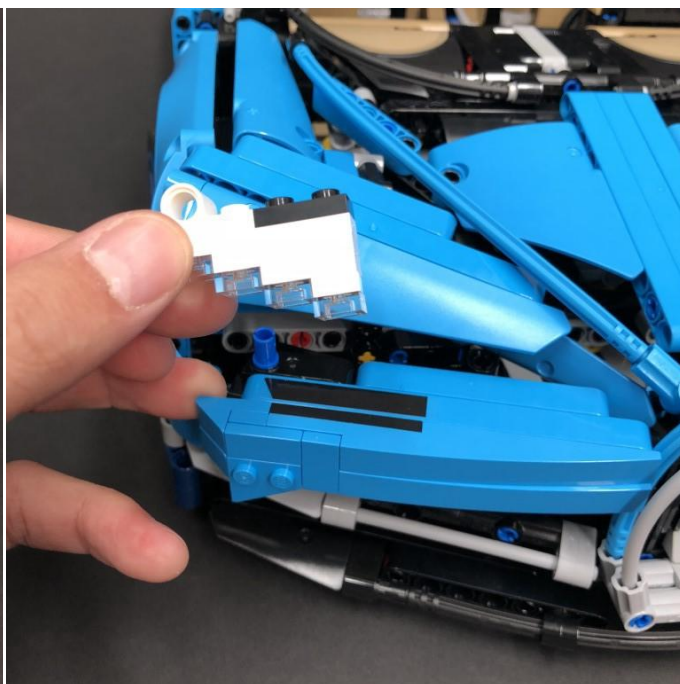
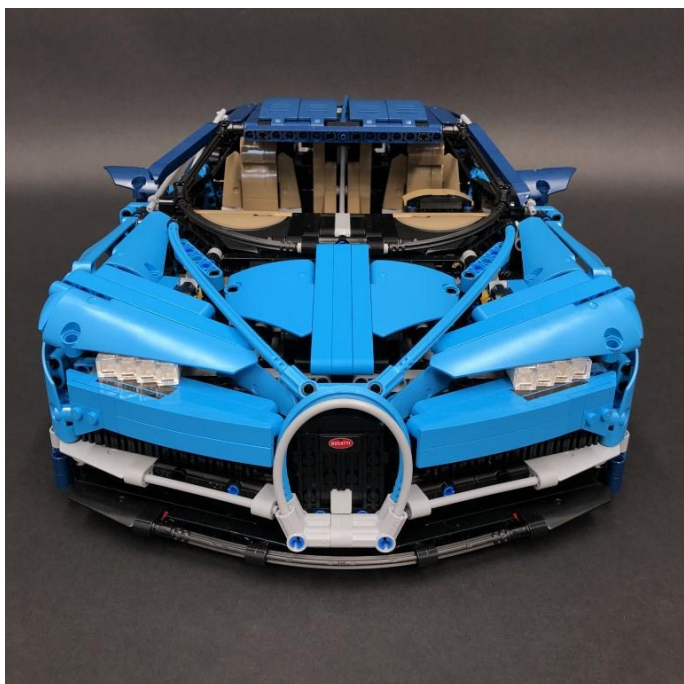
Test each lamp according to this method. It should be noted that after the test, the lamp must be returned to the corresponding bag to avoid confusion of types.



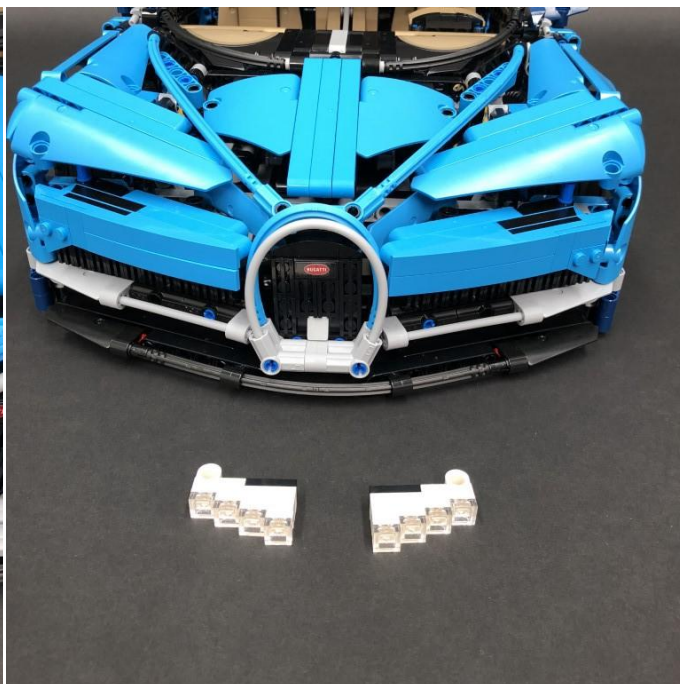
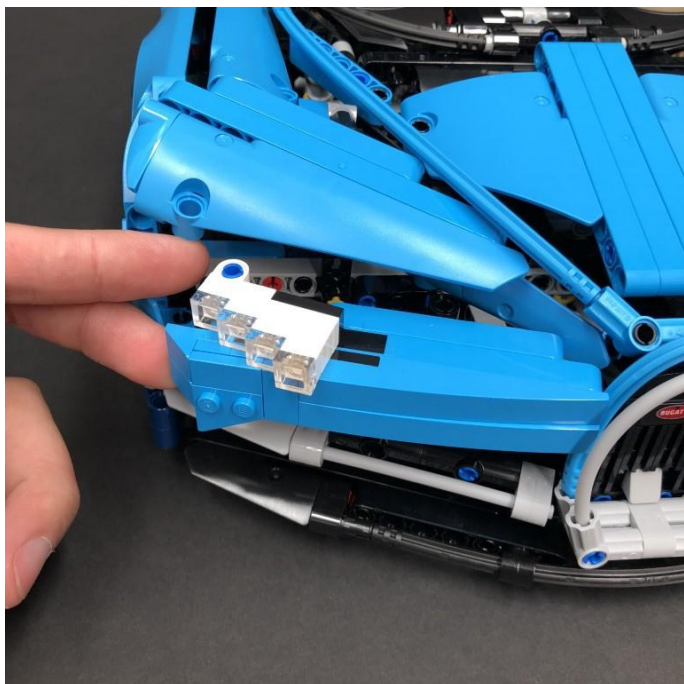
The components needs to be tested in this set is 8*Bit Lights-15CM-White,2*LED Strip Lights-Warm White,11*Bit Lights-30CM-Red,1*Sticks-White-12.5CM,1*Sticks-Red-20CM. Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

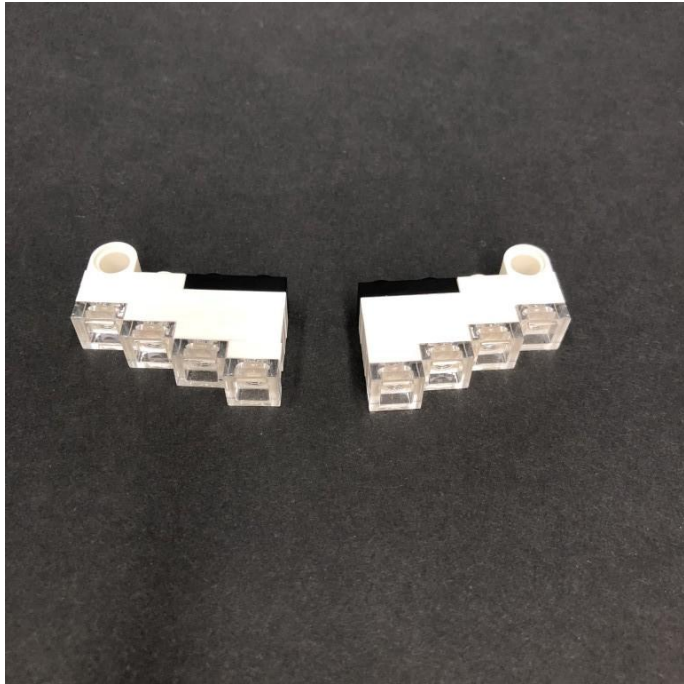
1



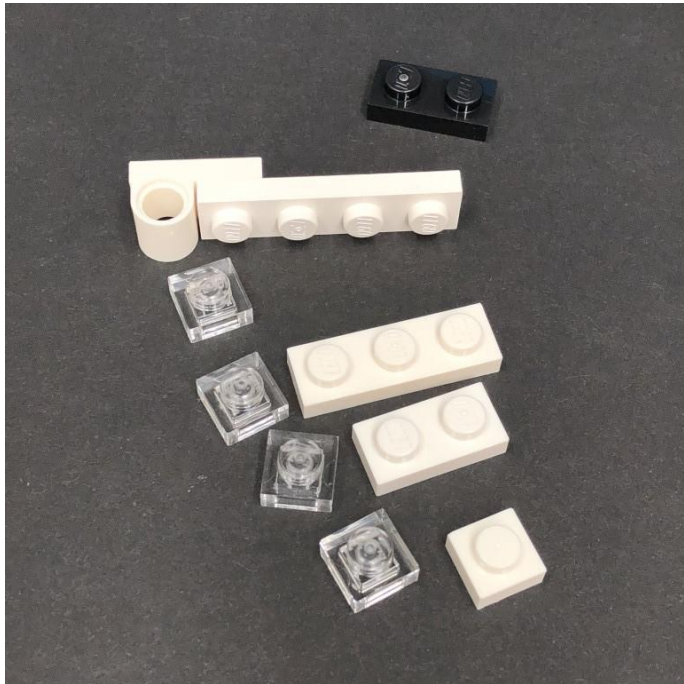
2



3



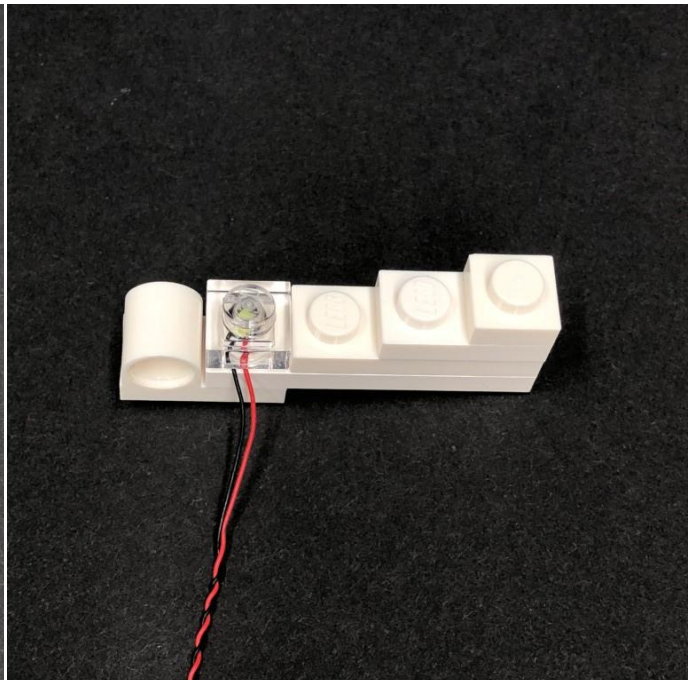
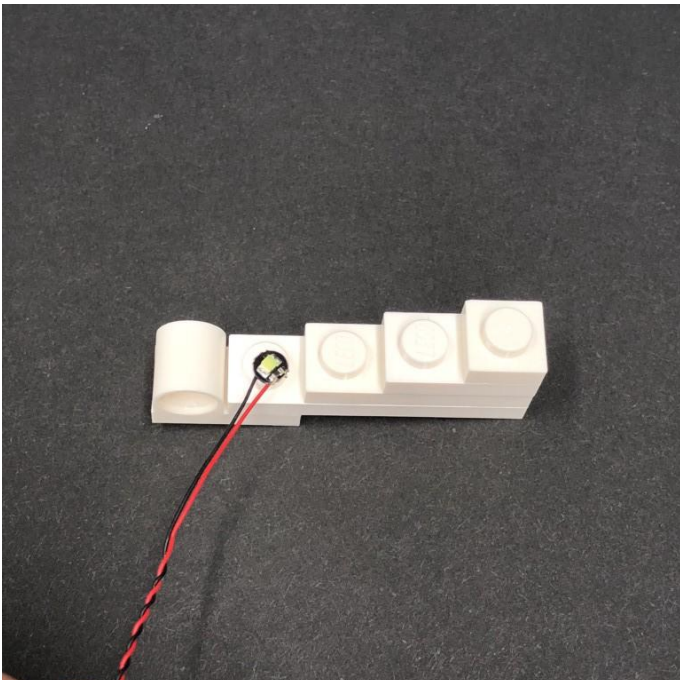
4



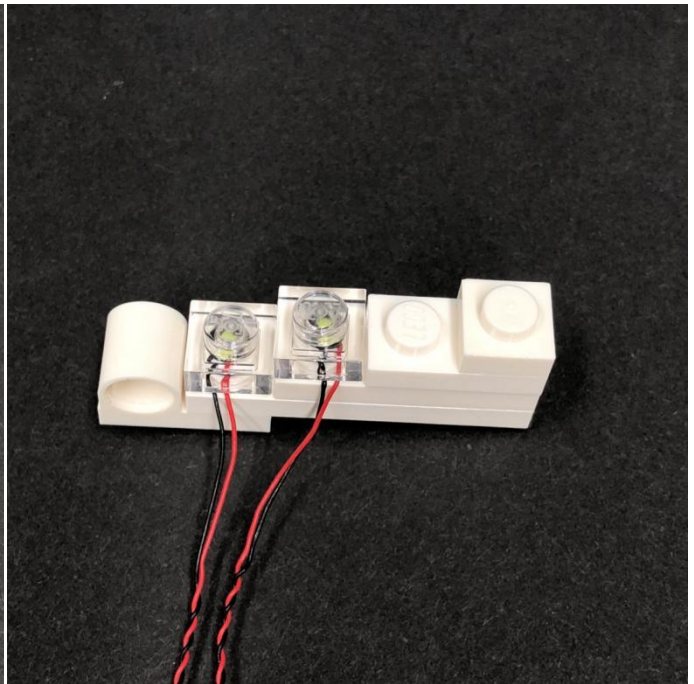
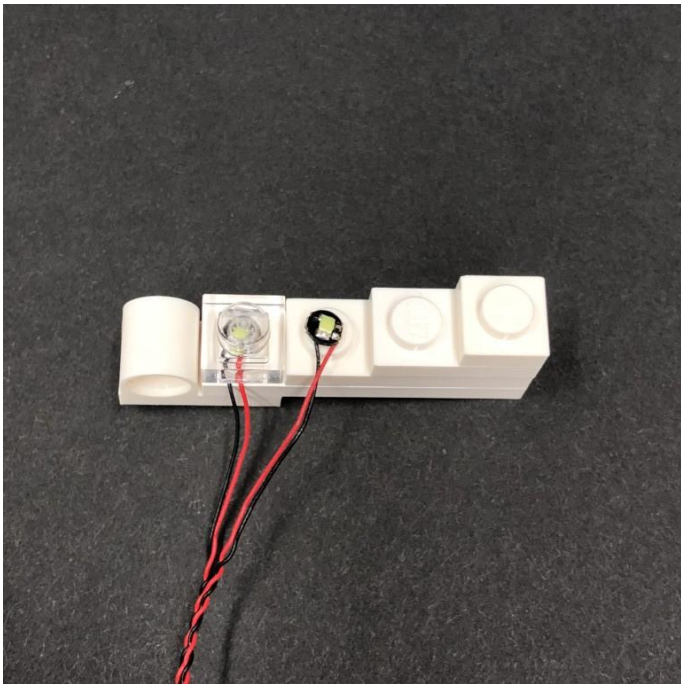
5



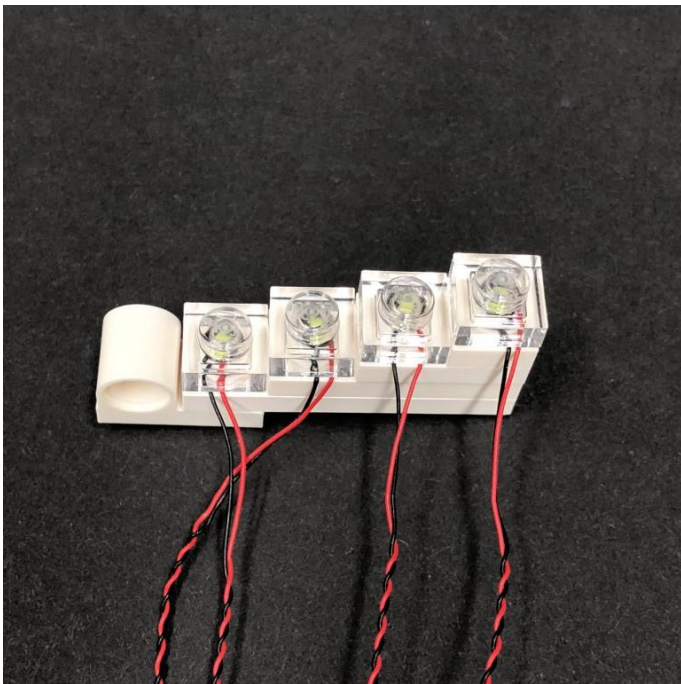
6. Take a Cool White 15cm Dot Light and with the cable facing down, place it over the far left stud as per below. Secure the Dot Light in place by reconnecting one of the trans clear plates over the top.



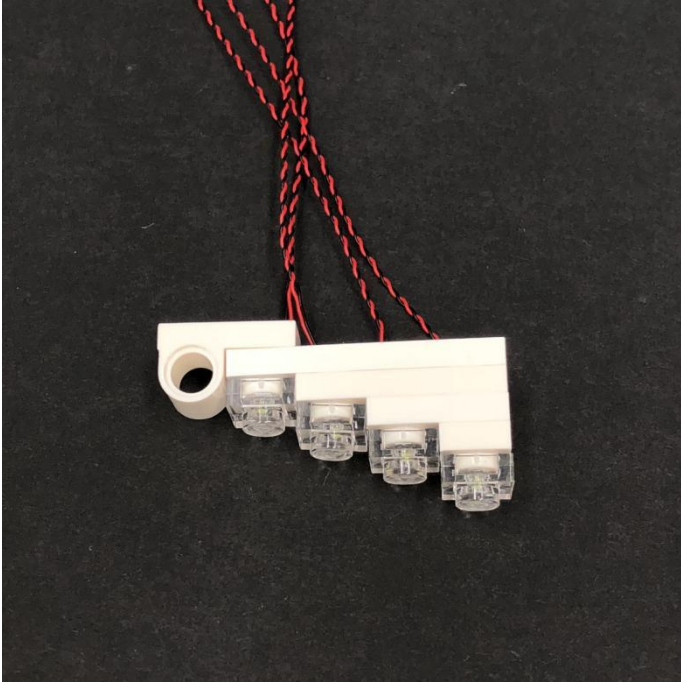
7. Take another Cool White 15cm Dot Light and place it over the next stud along. Secure the light in place by reconnecting another trans clear plate over the top.



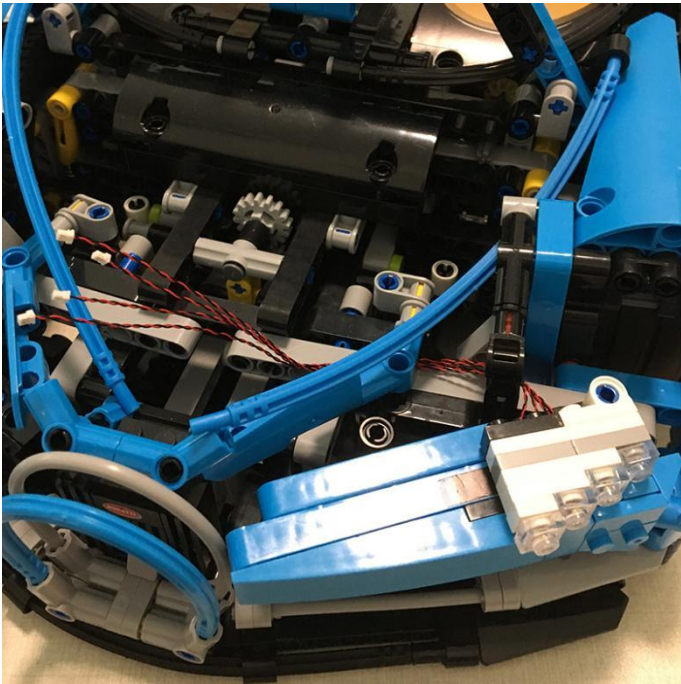
8. Follow the same process to install another 2x Cool White 15cm Dot Lights to the rest of the left headlight.



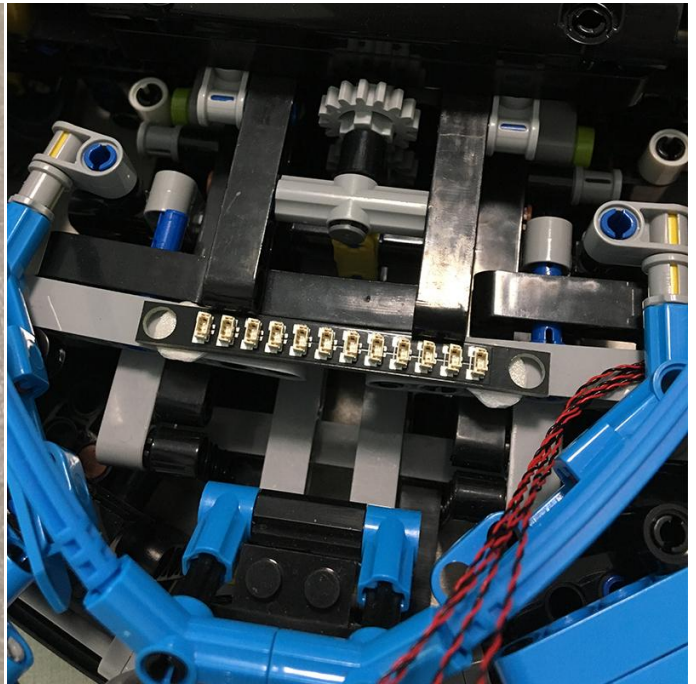
9



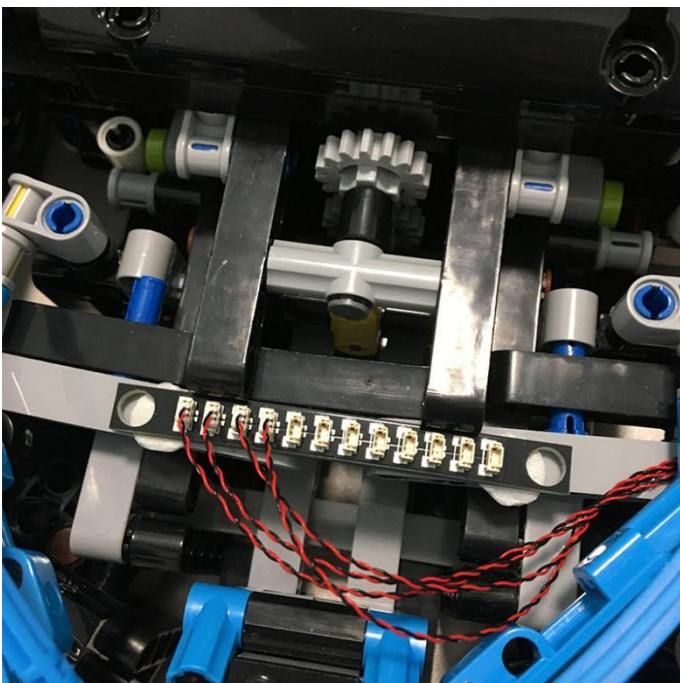
10



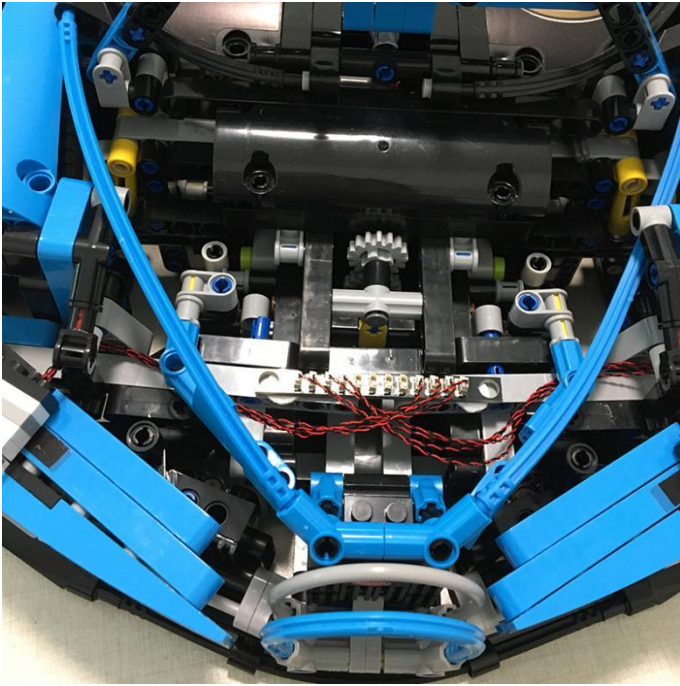
11. Take out the 12-port Expansion Boards and double-sided tape, as shown below.



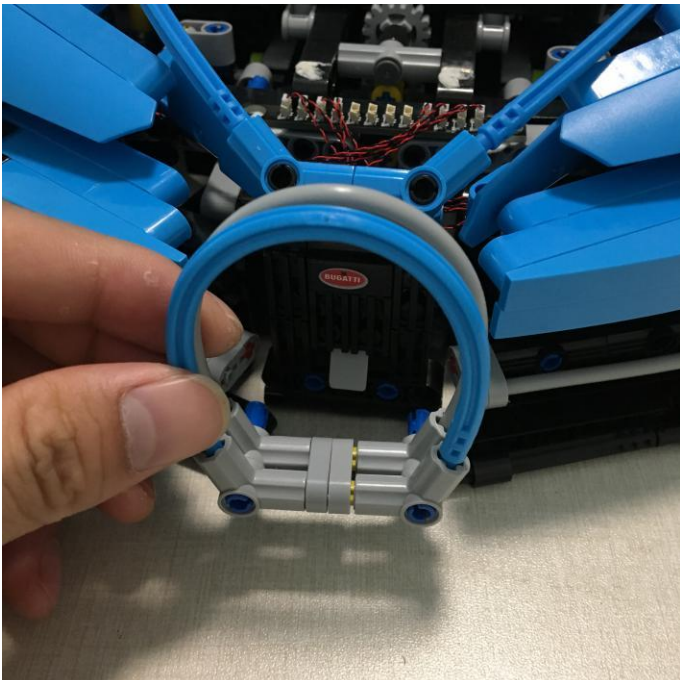
12. The light connects Expansion Boards is as shown, please pay attention to the direction of the light particle socket.



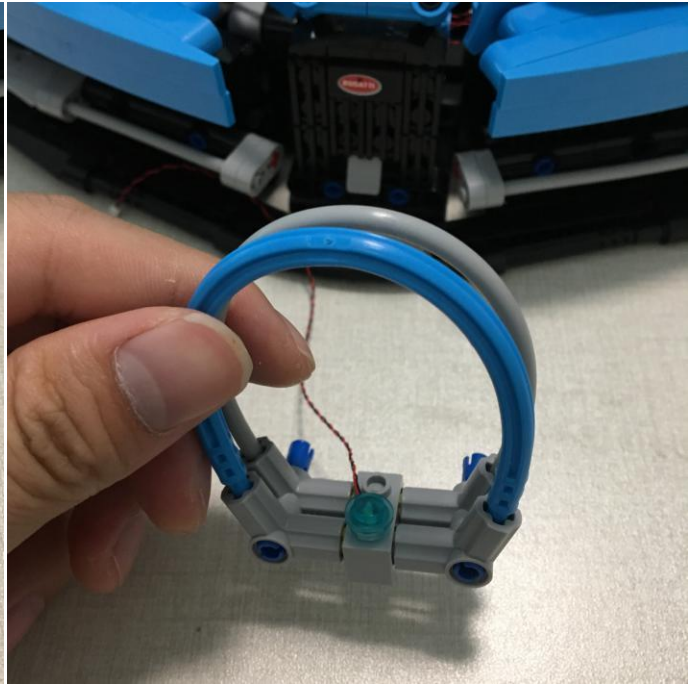
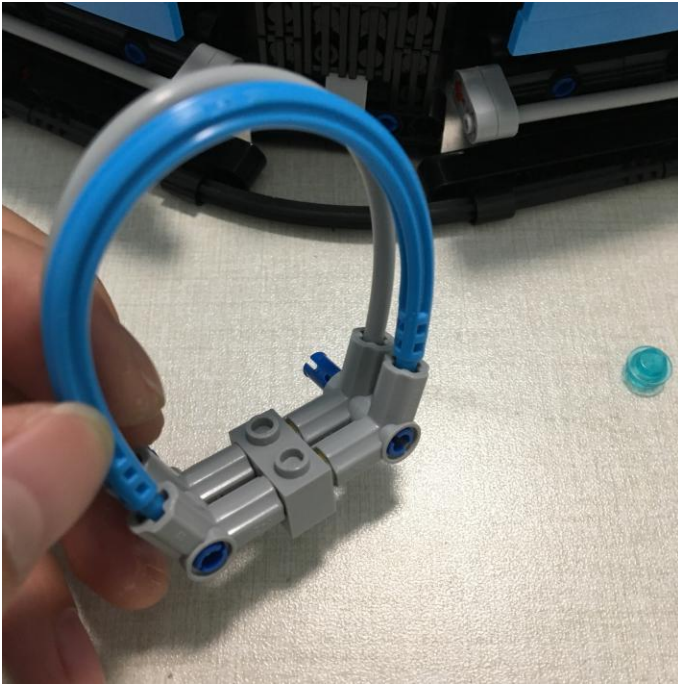
13



14. Install the lamp at the trademark. Remove the accessory and replace it with 1X2 Brick ,take out a 15cm white dot light, as shown below.



15



Tips

The plate without slit:

The plate without slit:

The squeeze causes the protective layer of the wire to be torn apart, the positive and negative wires touch together, and the set is short-circuited and the hot or wire is crushed, the wire to be disconnected and don't work.



The plate with slit:

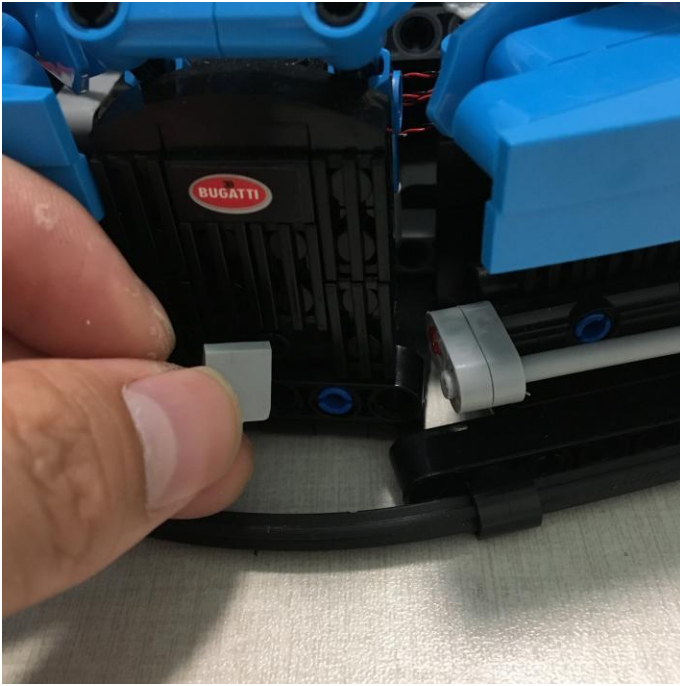
The plate with slit:

The wire has enough space to avoid being squeezed endowed with longer service life and more stable effect.

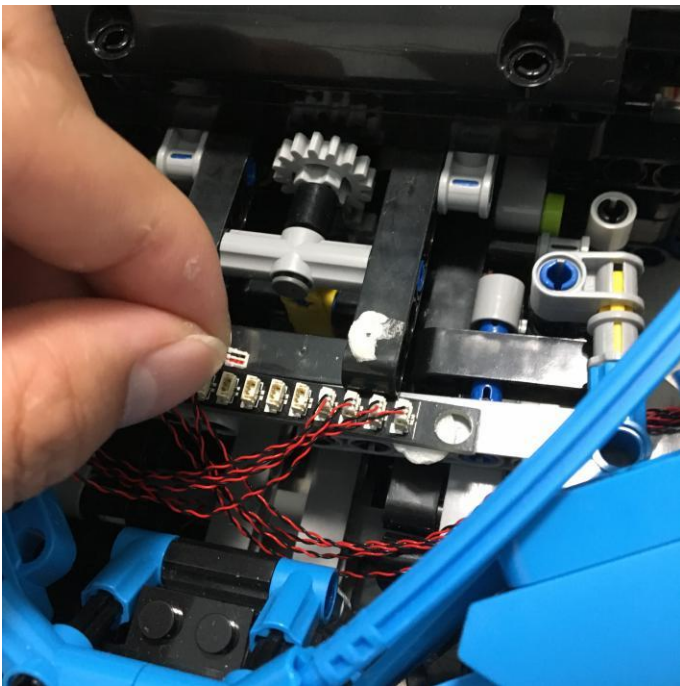


The slit on the the plate round 1X1 are hand-made to avoid squeeze the wire and cause short circuit and abnormalheat during installation.

16



17



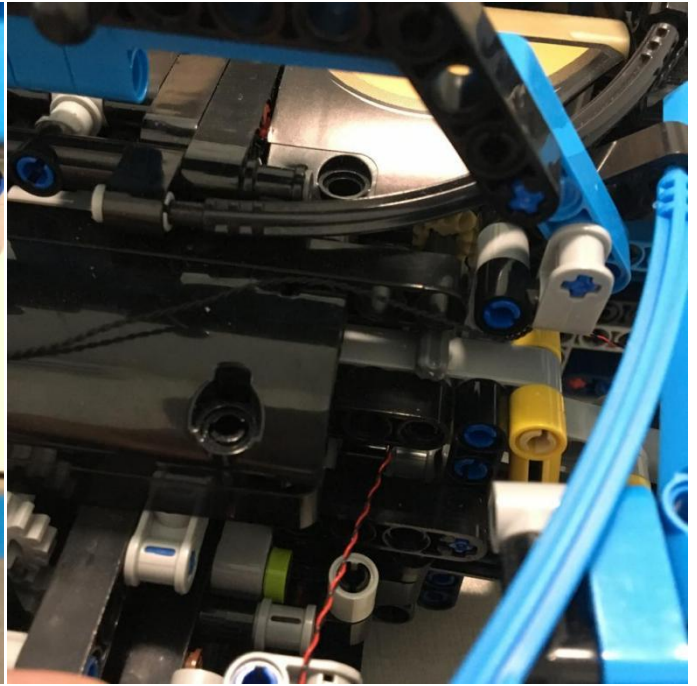
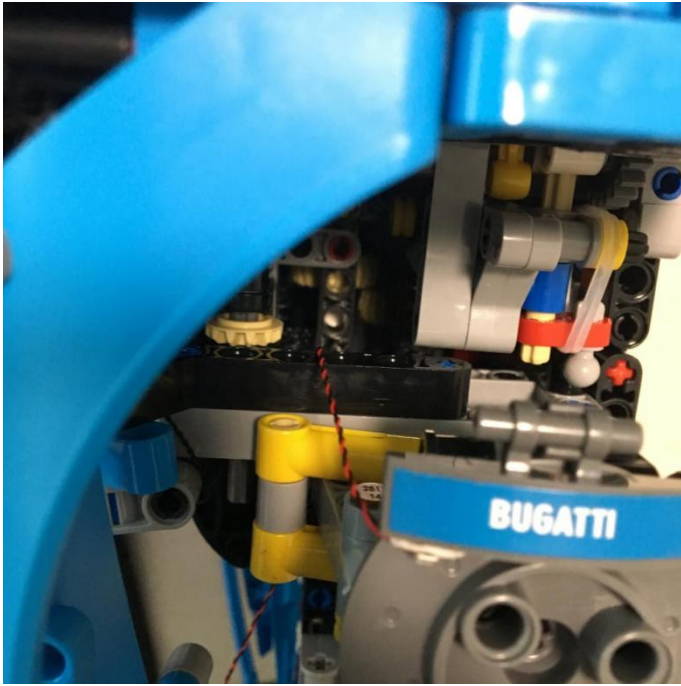
18



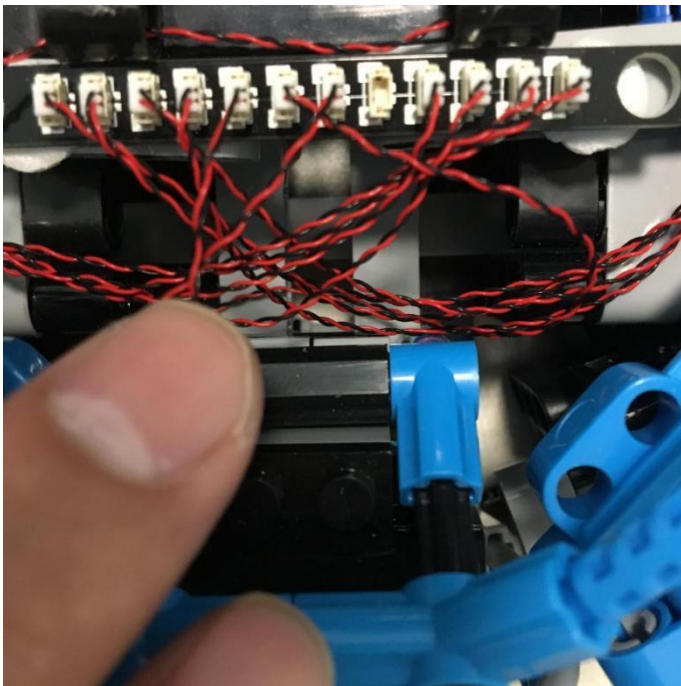
19



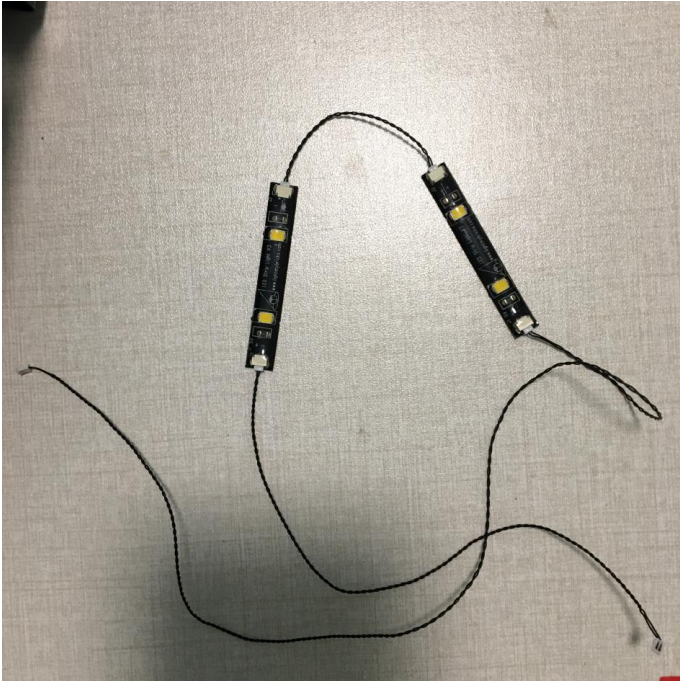
20



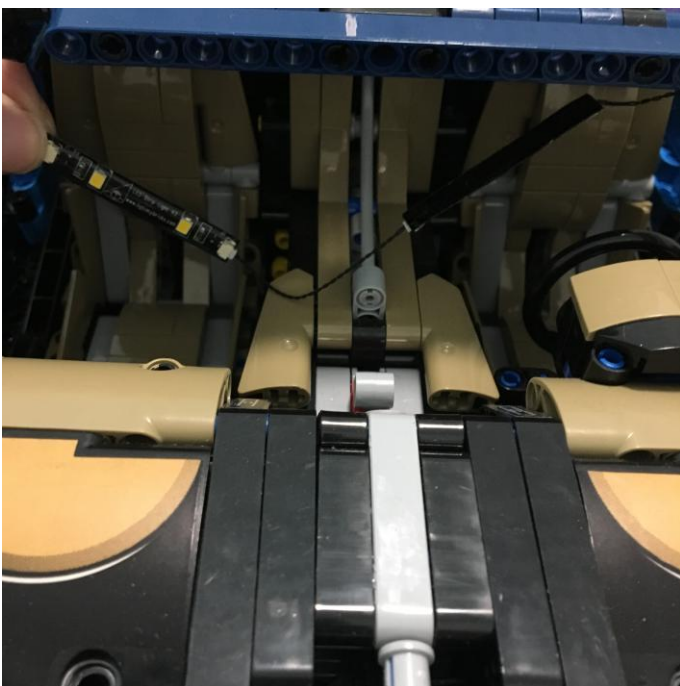
21



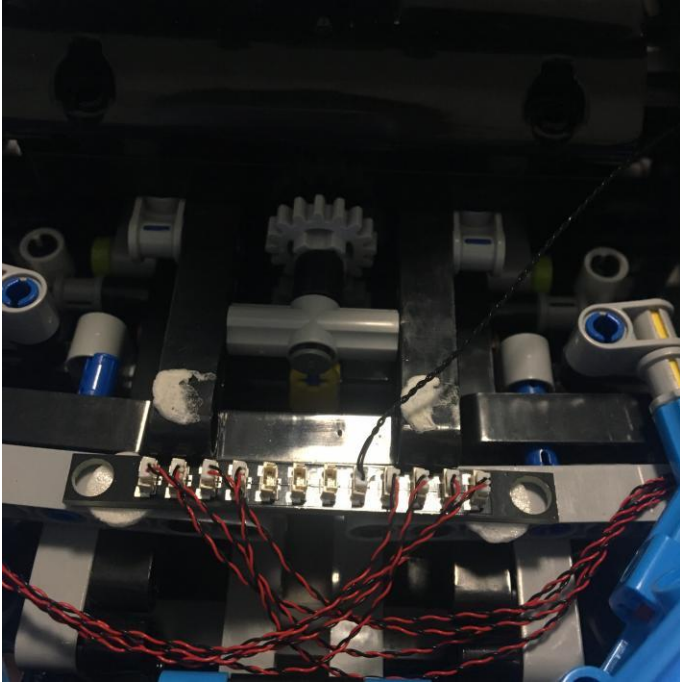
22. Take out 2 pcs warm white strip light, 5cm connecting cable, 15cm connecting cable, 30cm connecting cable, and connect them together as shown in the figure.



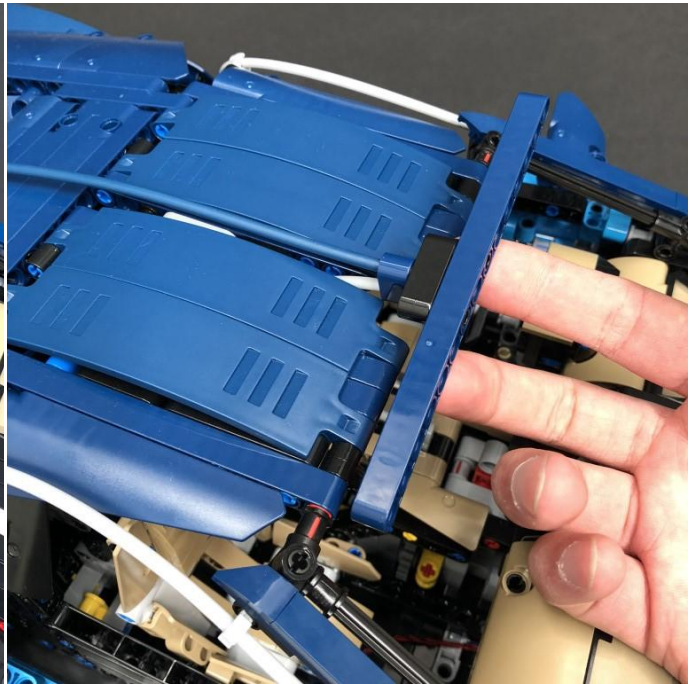
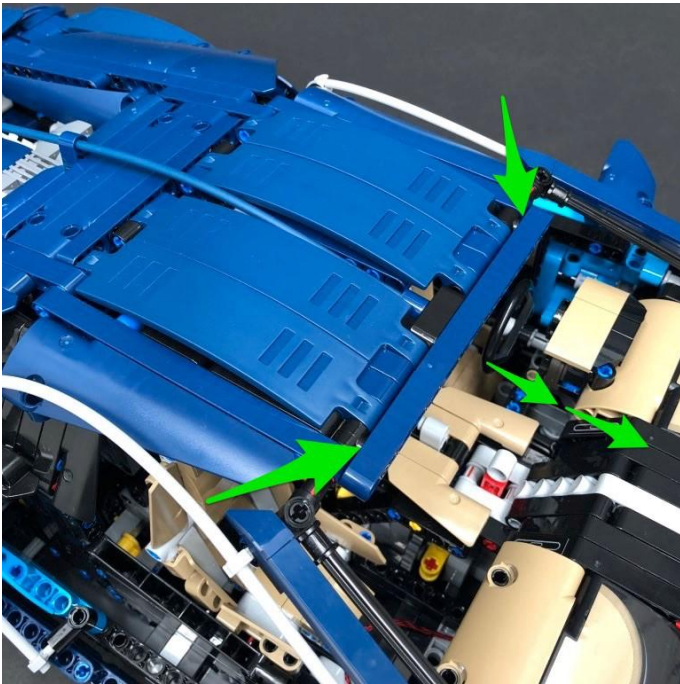
23. Uncover the film on the back of the light bar, attach the light bar to the top of the seat, and wrap the front window bar to the front of the car with a 30cm cable and connect the 12-seat socket. 15cm cable penetrates into the back of the chair.



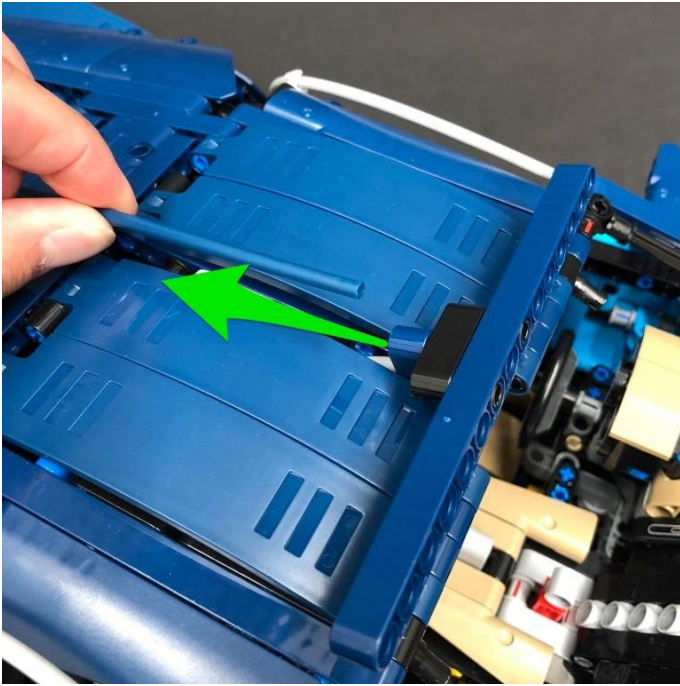
24



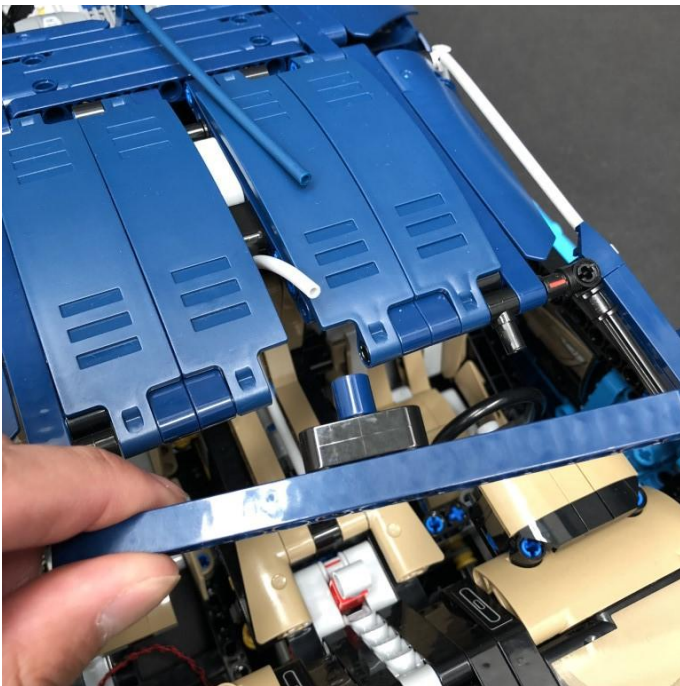
25. We will now install one of the light bars to the inside of the Bugatti Chiron. First remove the blue technic brick and connected pieces from the front by disconnecting it from the two black pins and then pulling it out.



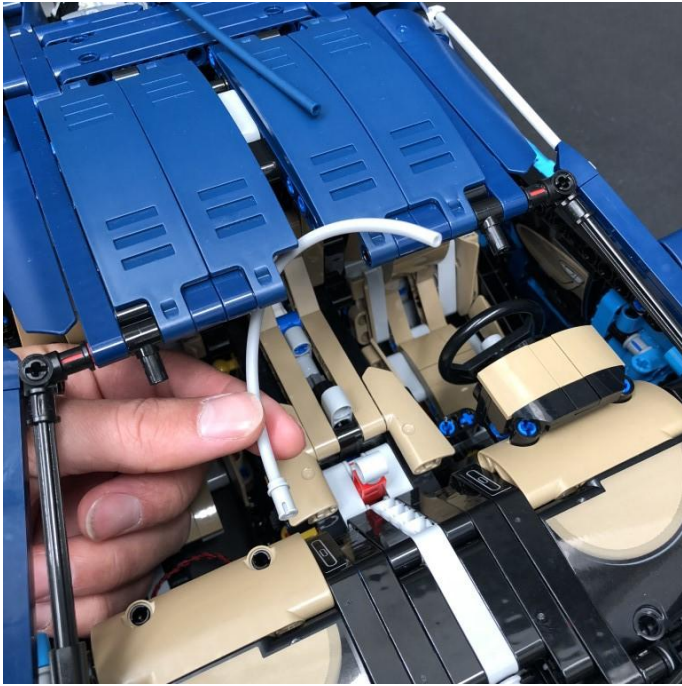
26



27



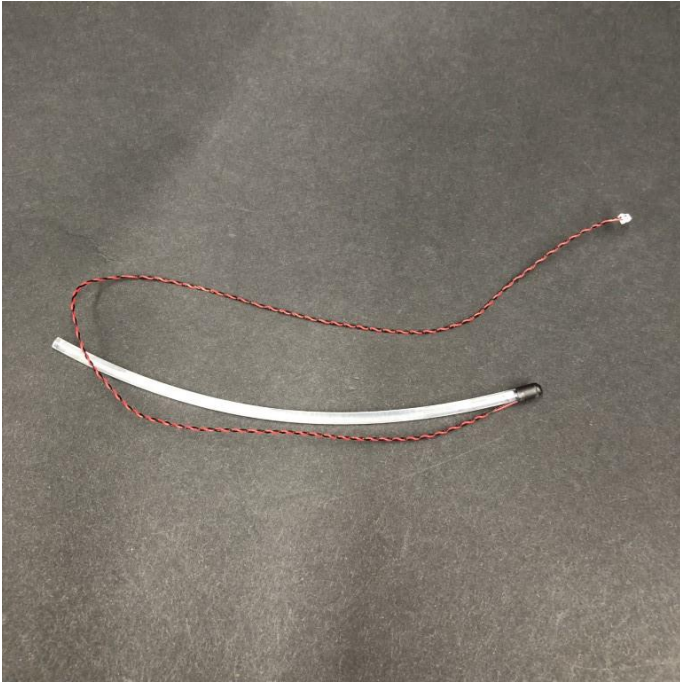
28



29



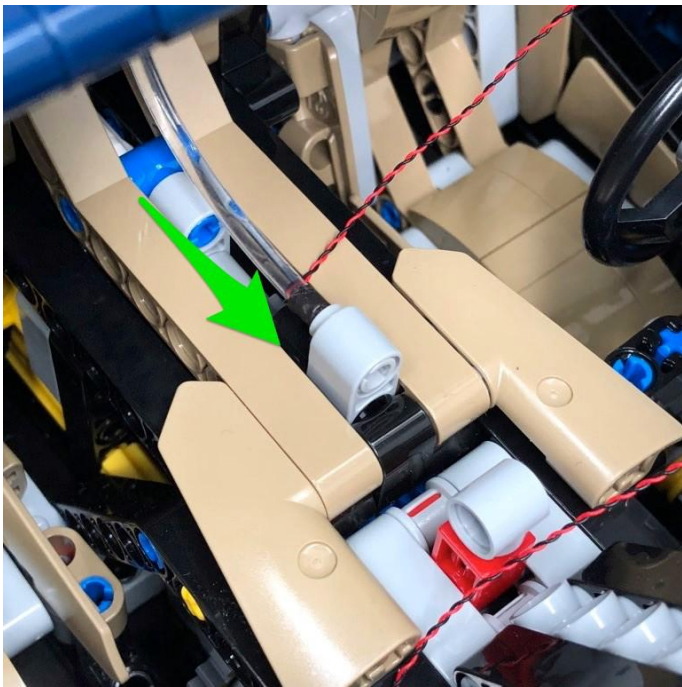
30. Take the Cool White Light Bar 12.5cm and push it in through the top of the technic pin about 4 – 5mm as per below. Do not forcefully push the light bar all the way in.



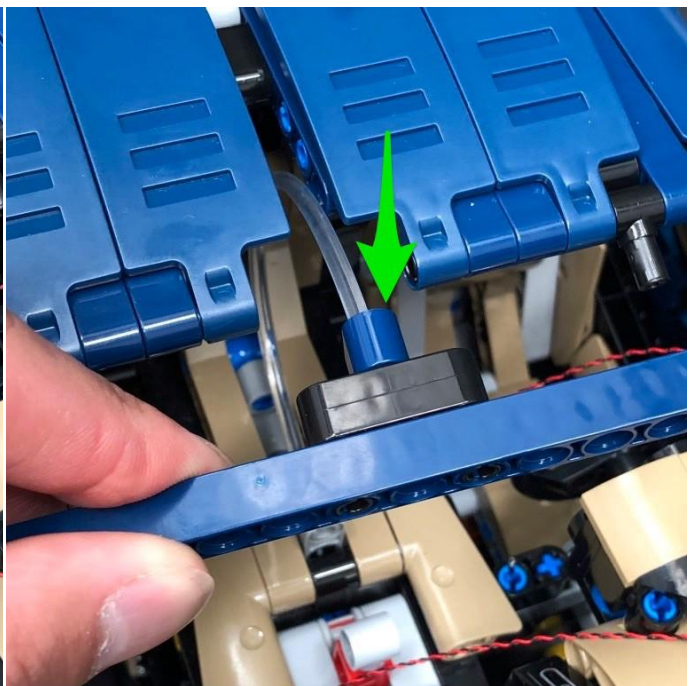
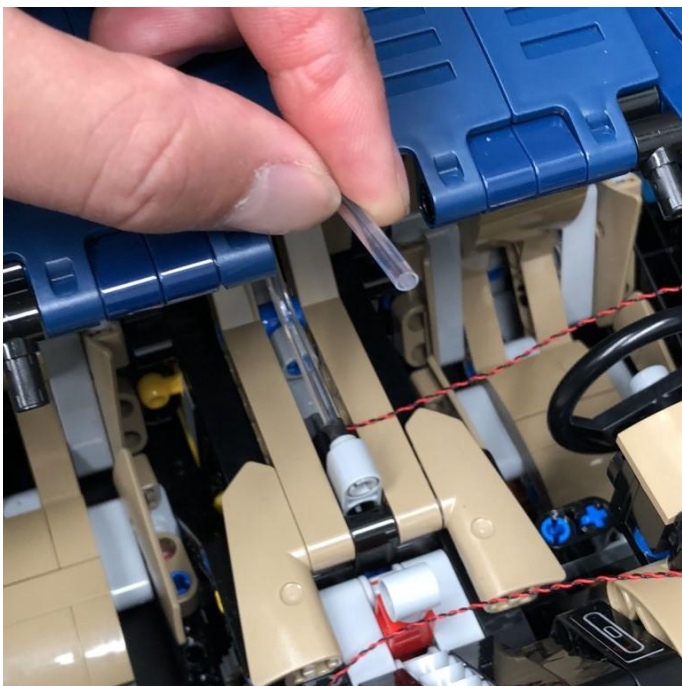
31



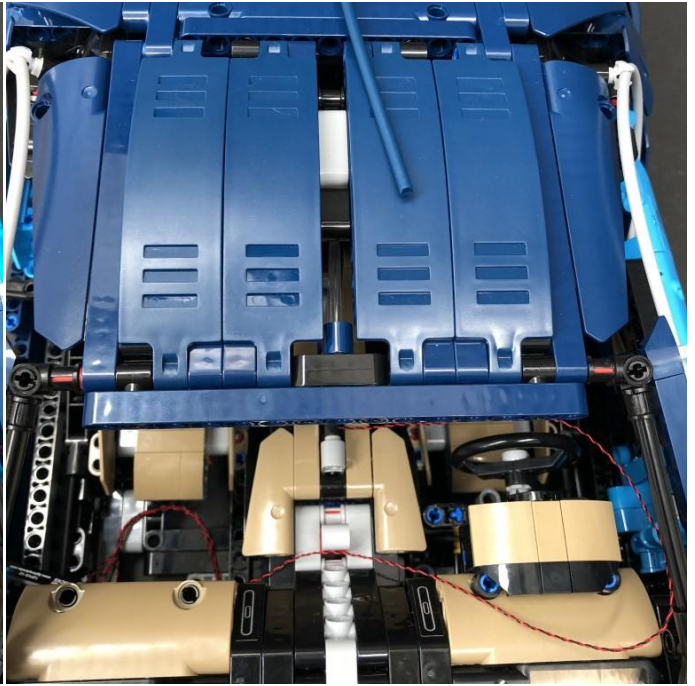
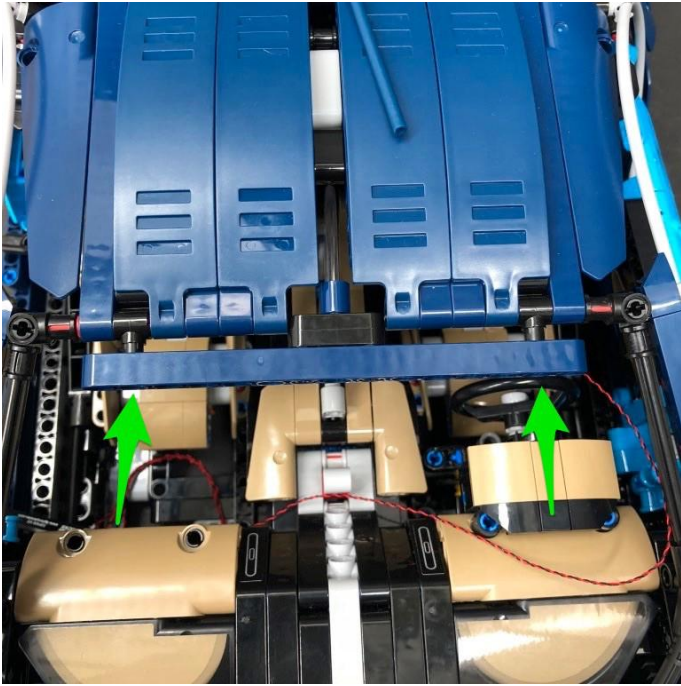
32



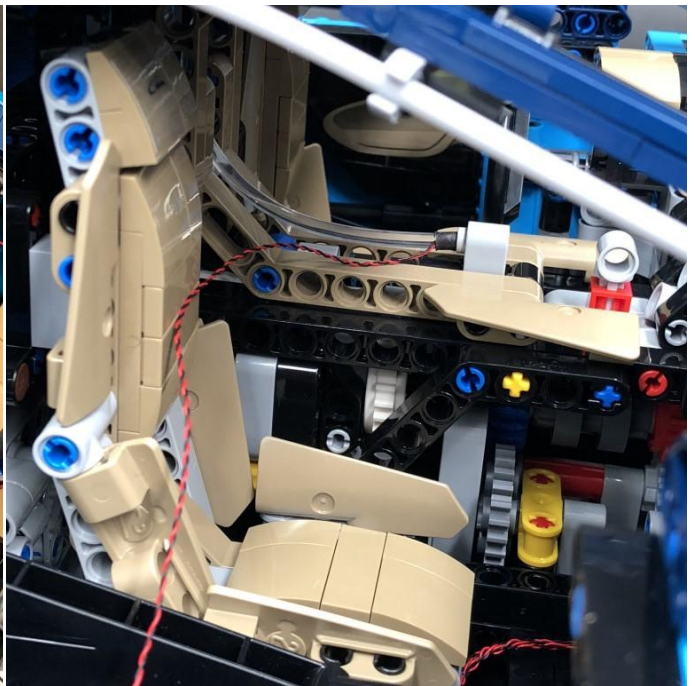
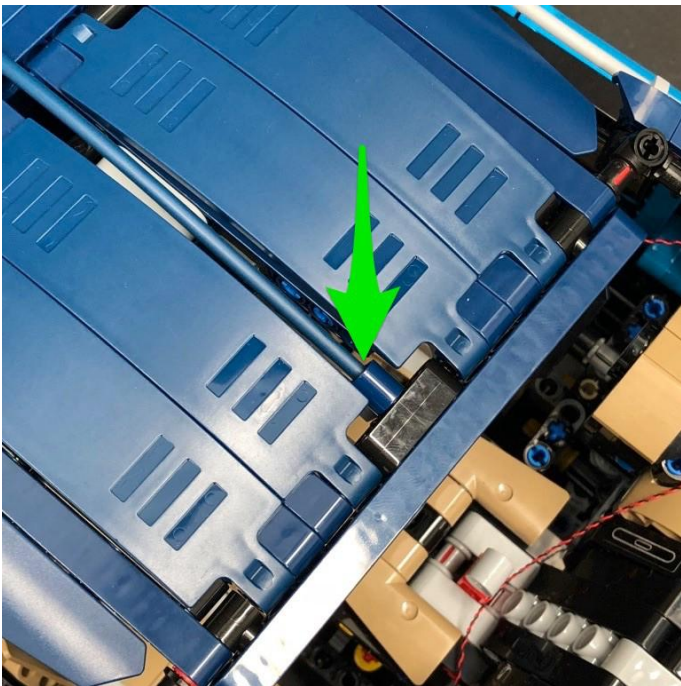
33



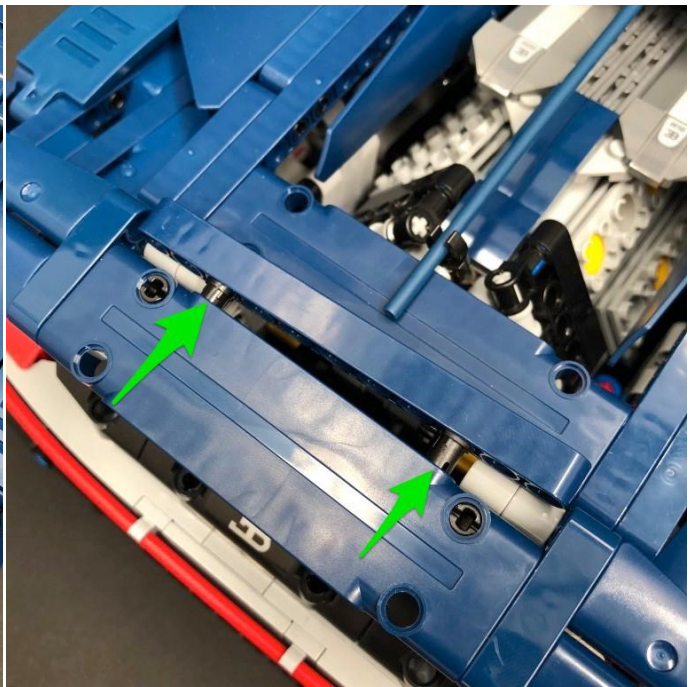
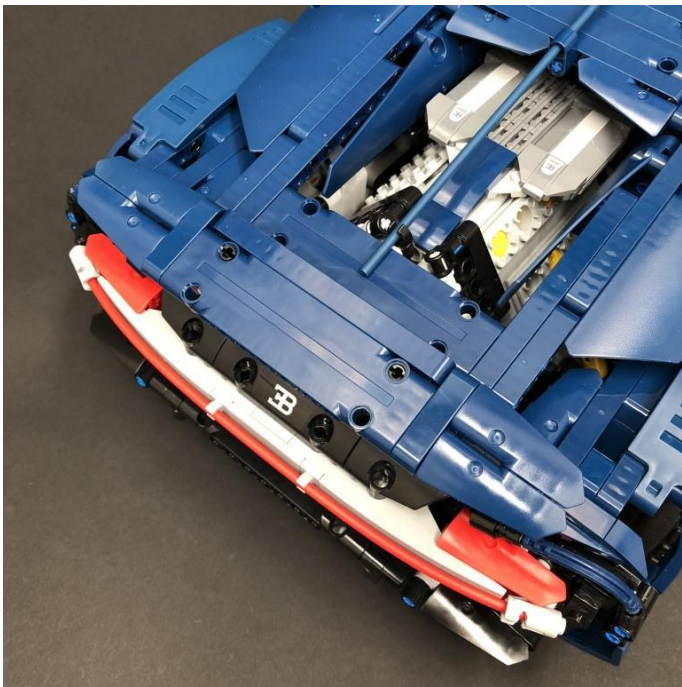
34



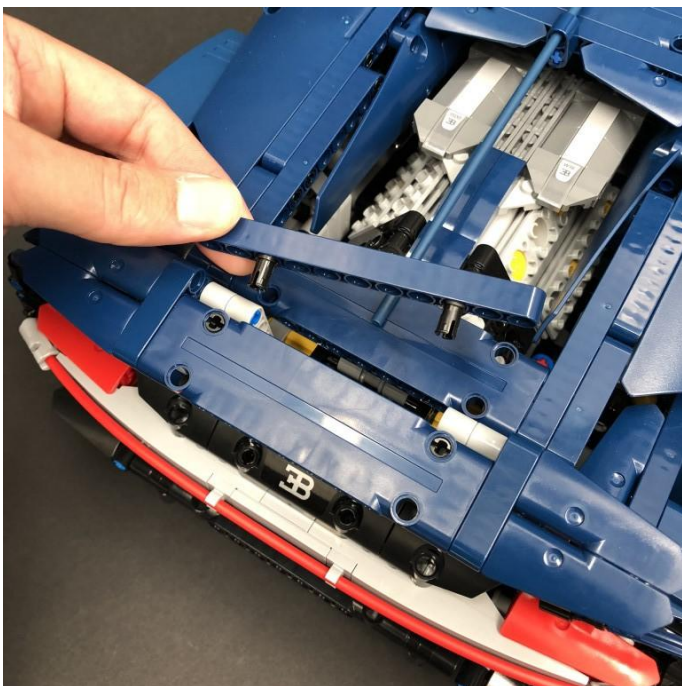
35



36



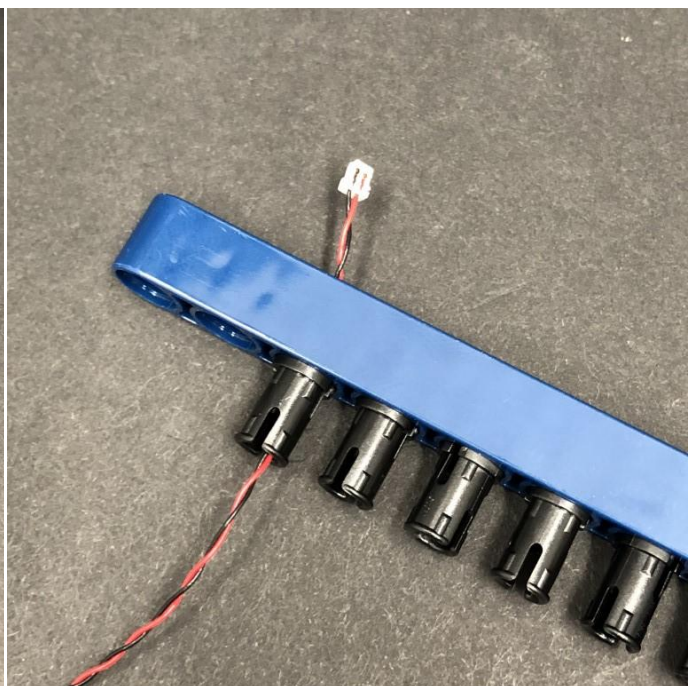
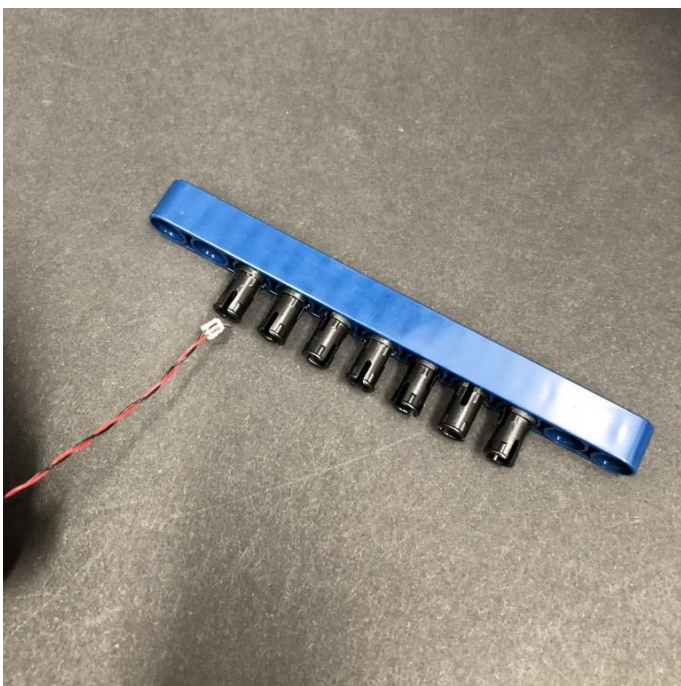
37



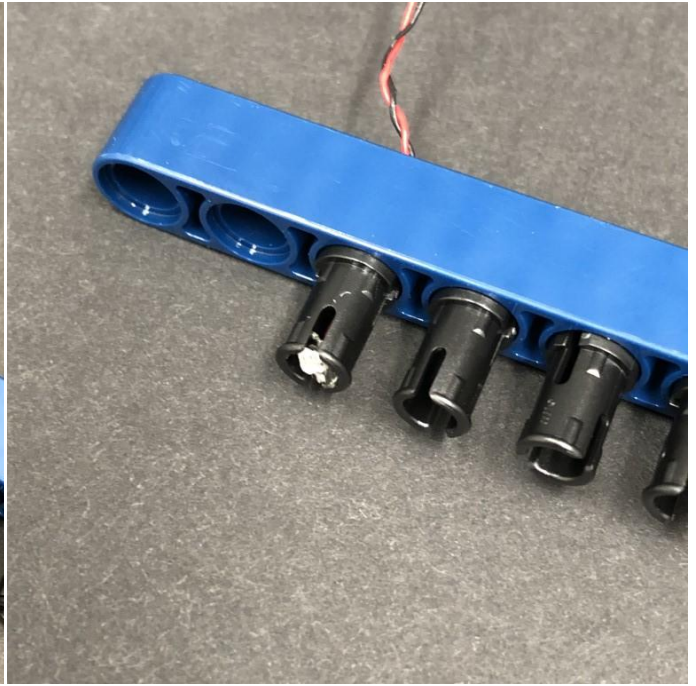
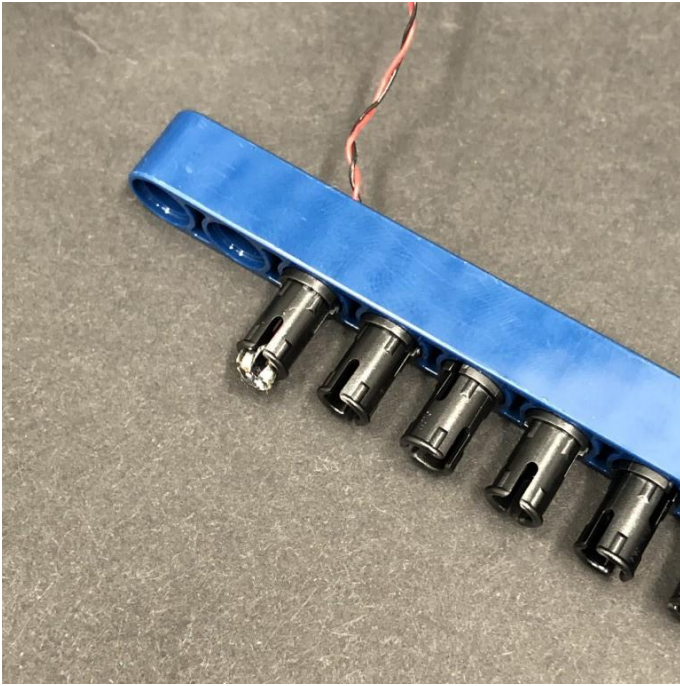
38.Take the 5x Provided Technic Pin with Friction Ridges Lengthwise WITH Center Slots (Black) and connect them to the 5 inner holes of the blue technic brick



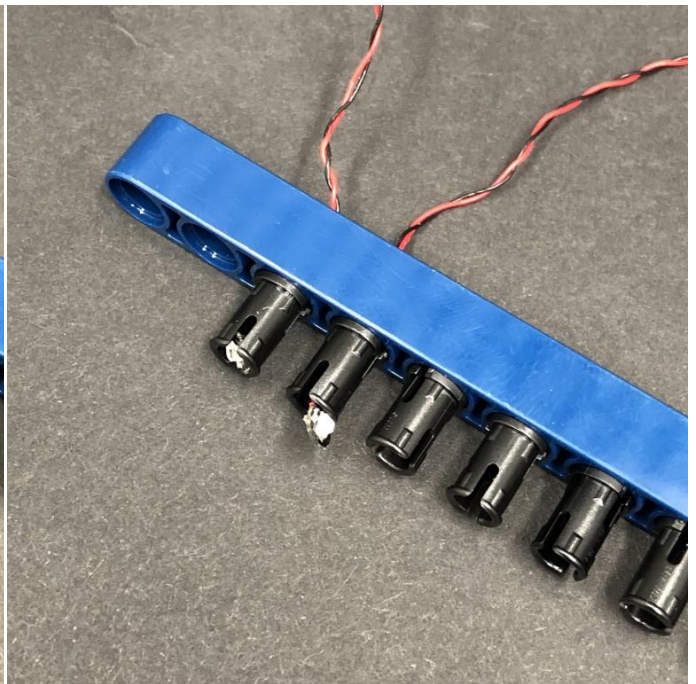
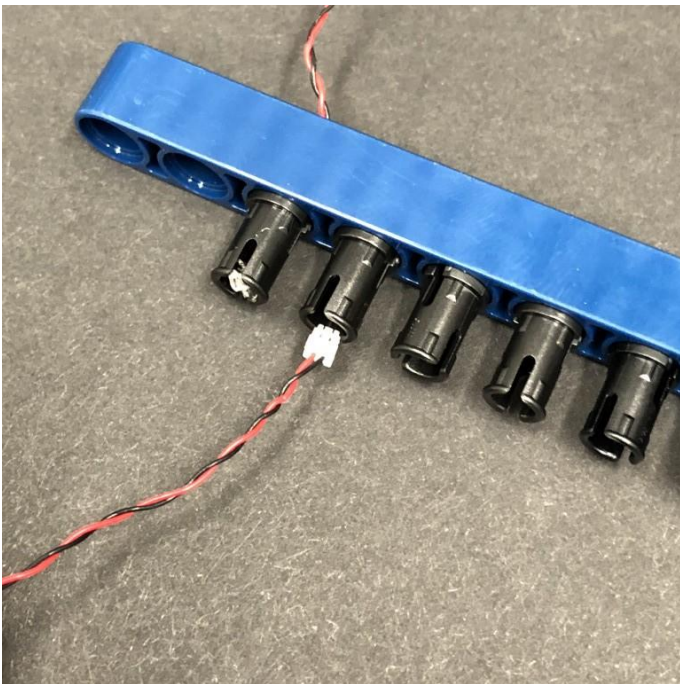
39.Take a Red 30cm Dot Light and thread the connector end of the cable through the first technic pin. Thread it all the way through and then slightly bend the Dot Light on a 90 degree angle before pushing it inside the technic pin.



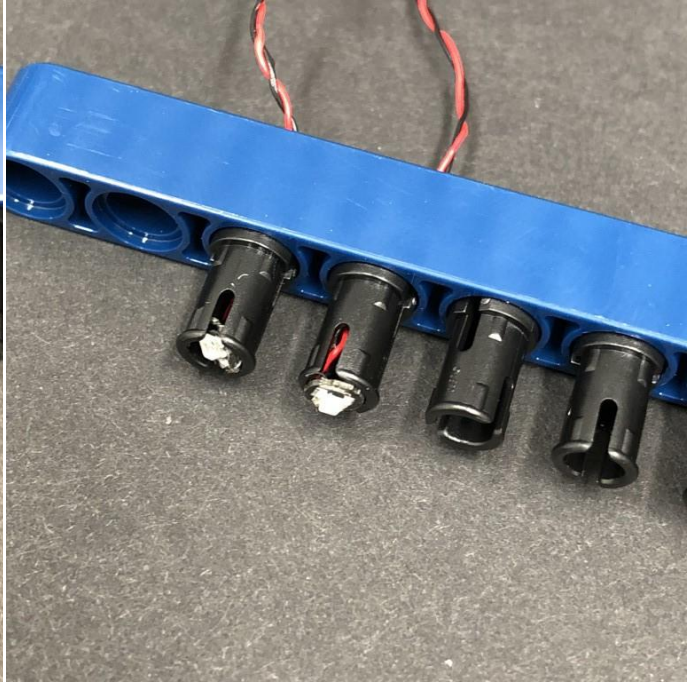
40



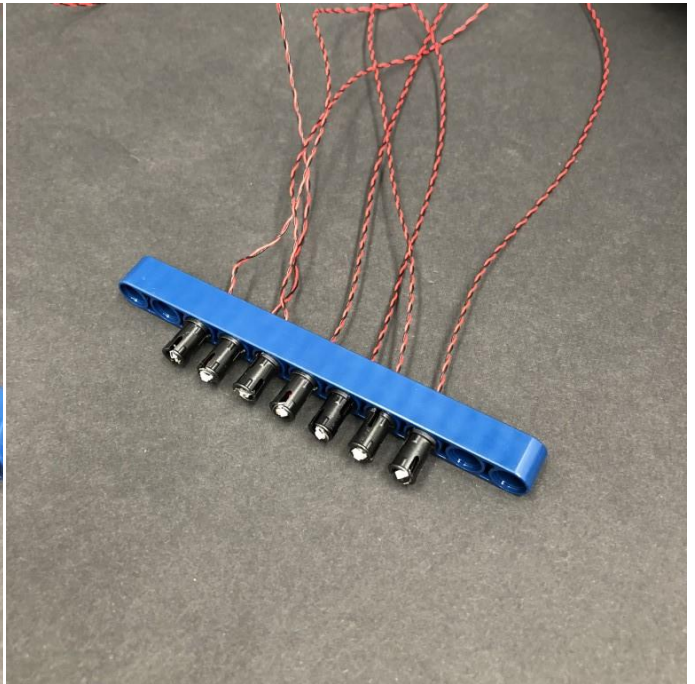
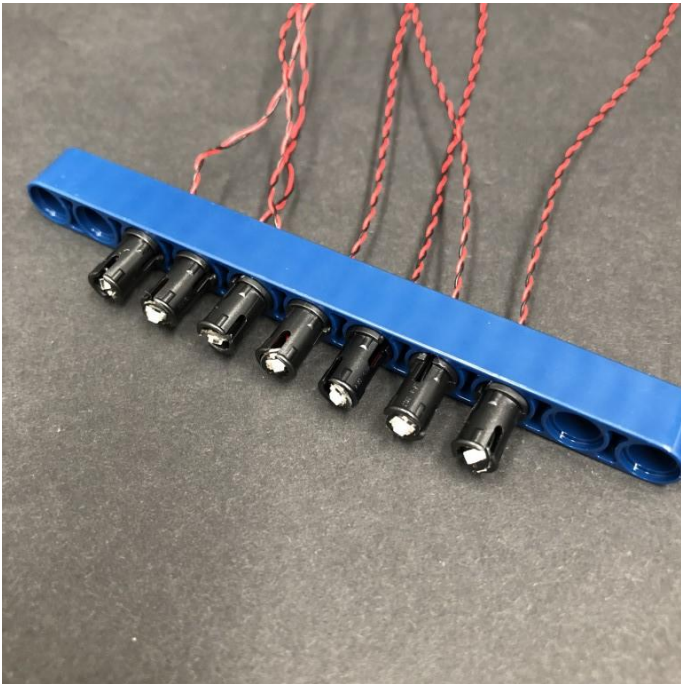
41. Take another Red 30cm Dot Light and thread it through the second technic pin. Thread it all the way through and then slightly bend the Dot Light on a 90 degree angle before pushing it inside the technic pin.



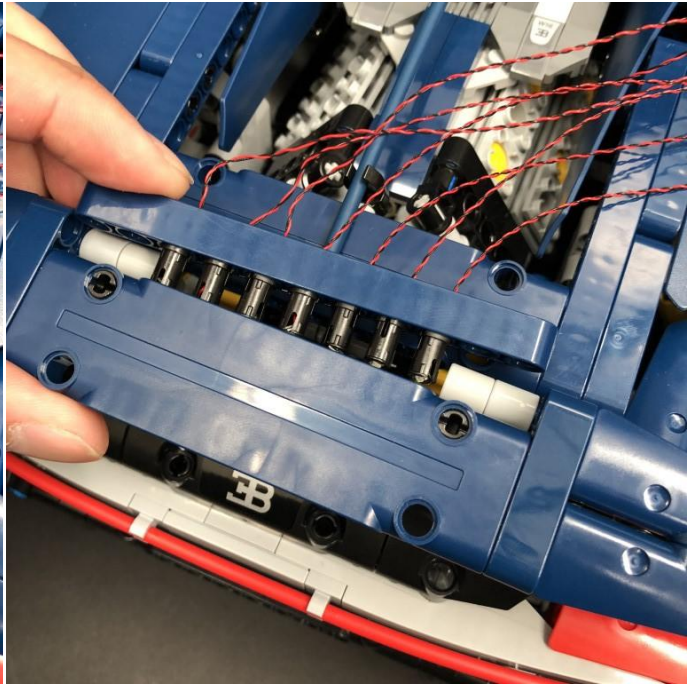
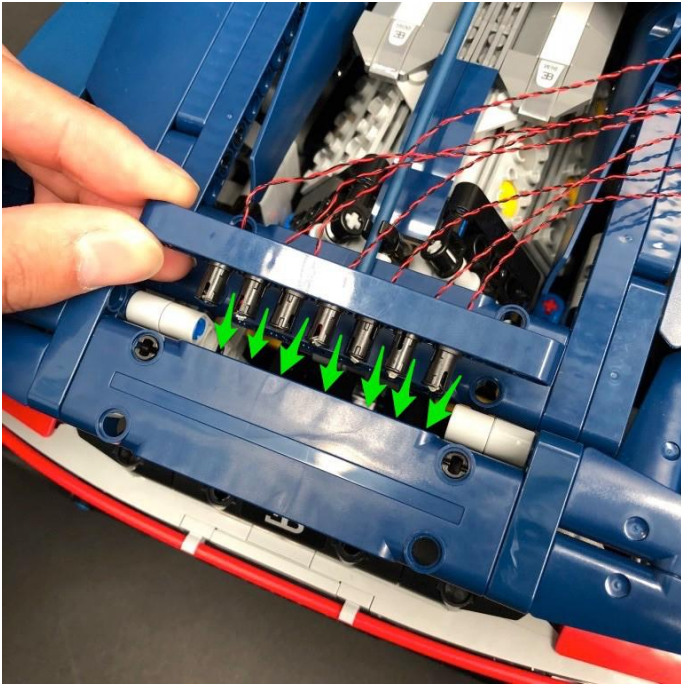
42



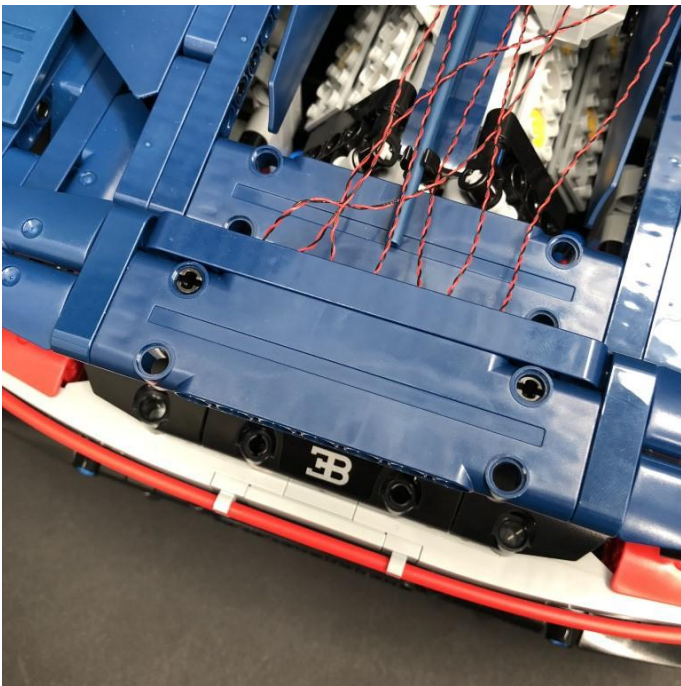
43



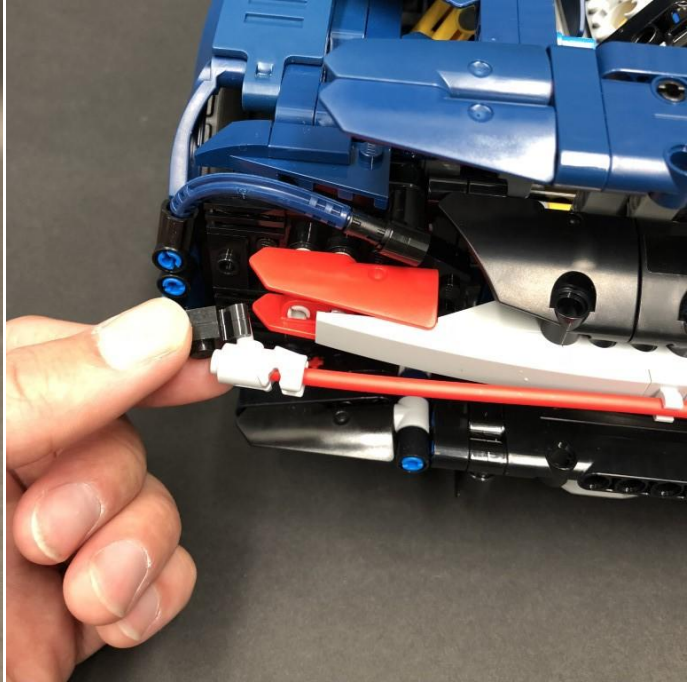
44



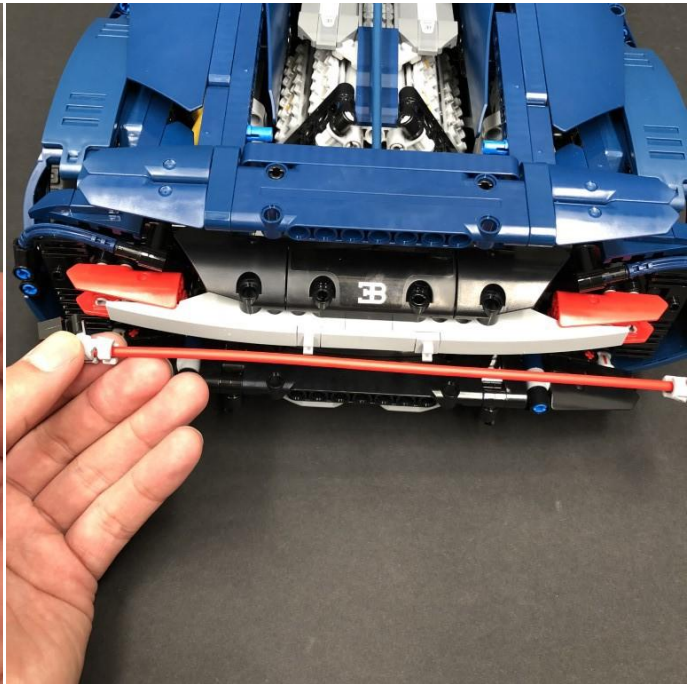
45



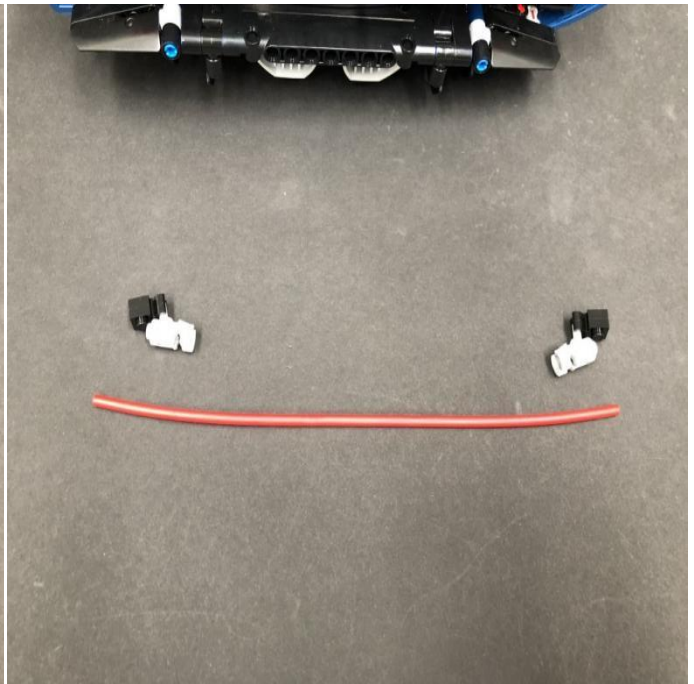
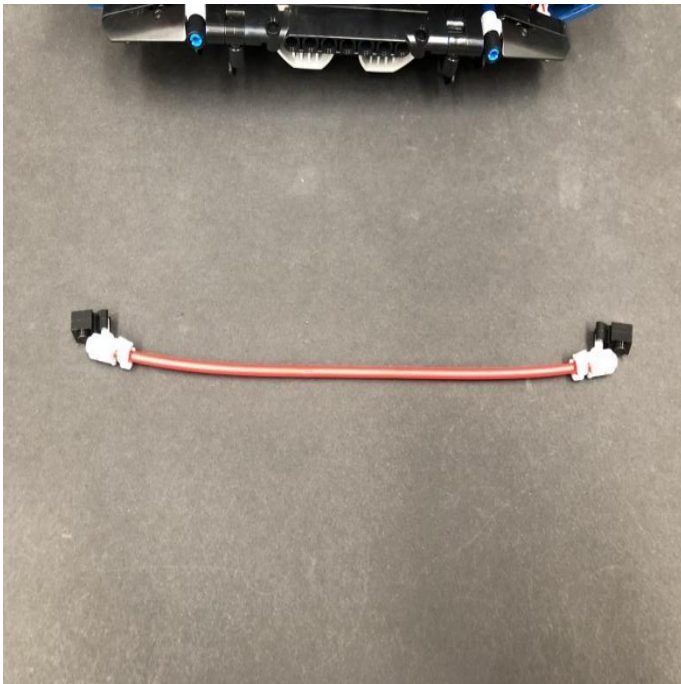
46



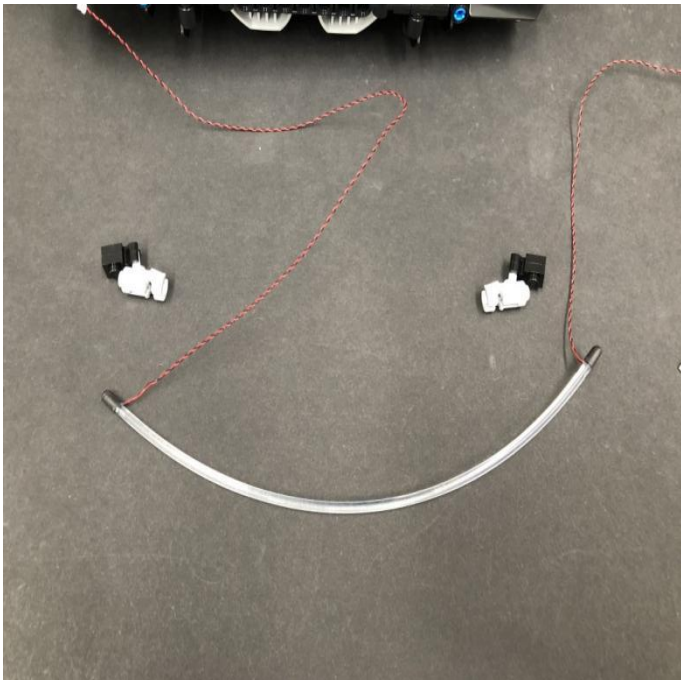
47



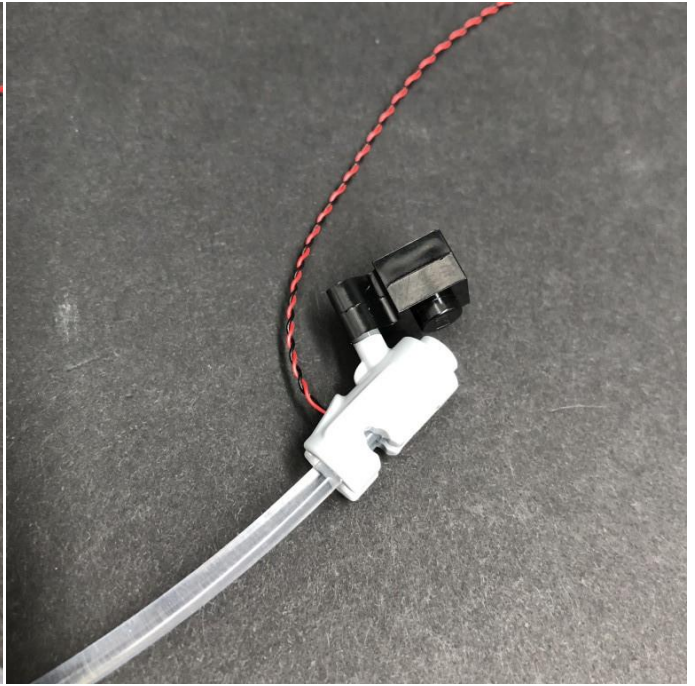
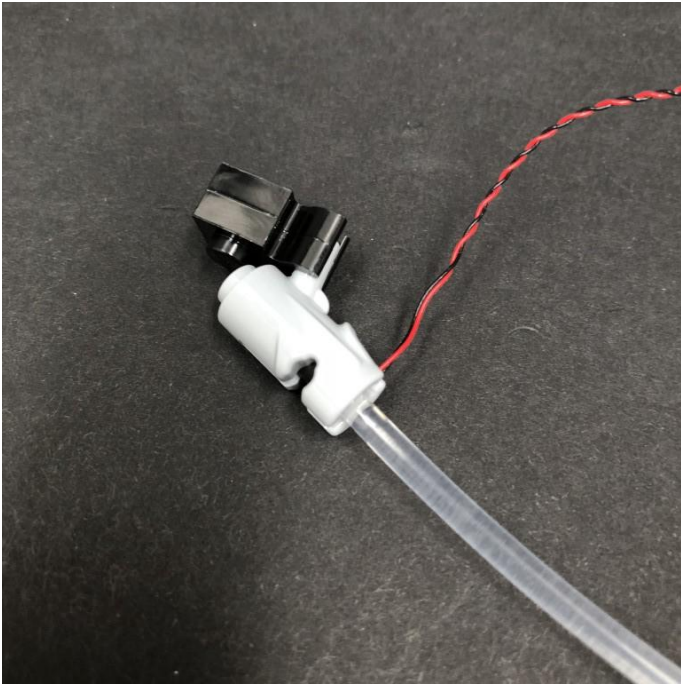
48. Remove the Red Technic Bar from the two side pieces then replace it with the provided Red Light Bar 20cm ensuring the cables are laid in the slots of the light grey pieces.



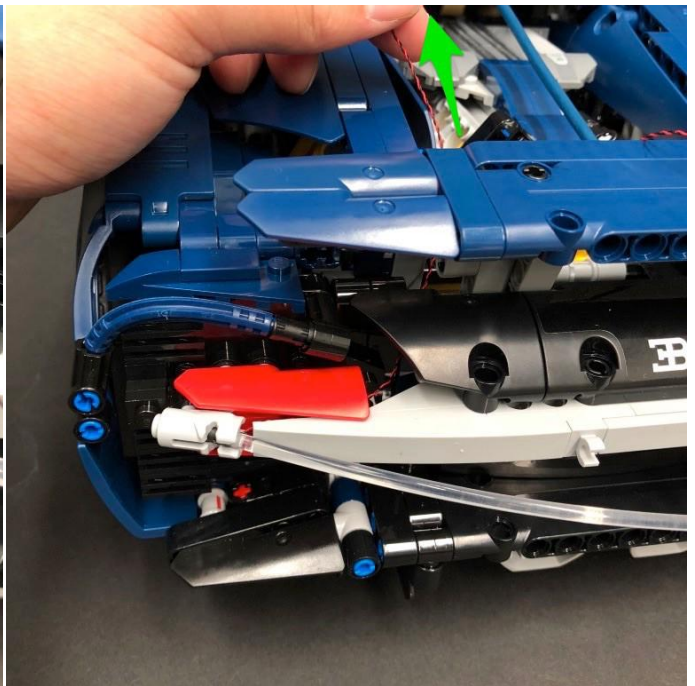
49



50



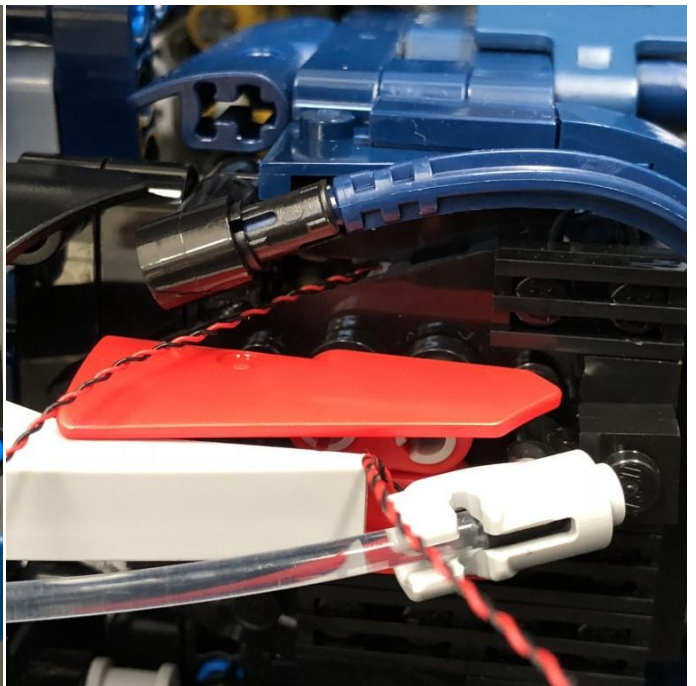
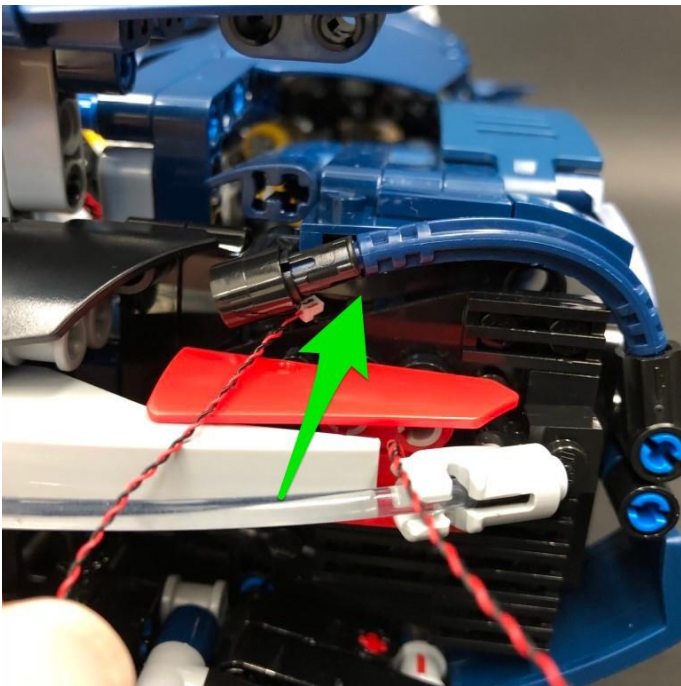
51



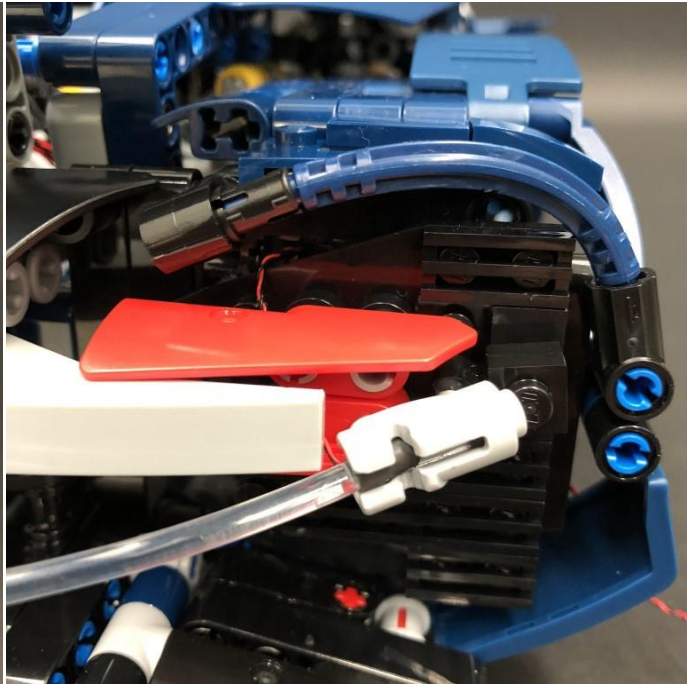
52



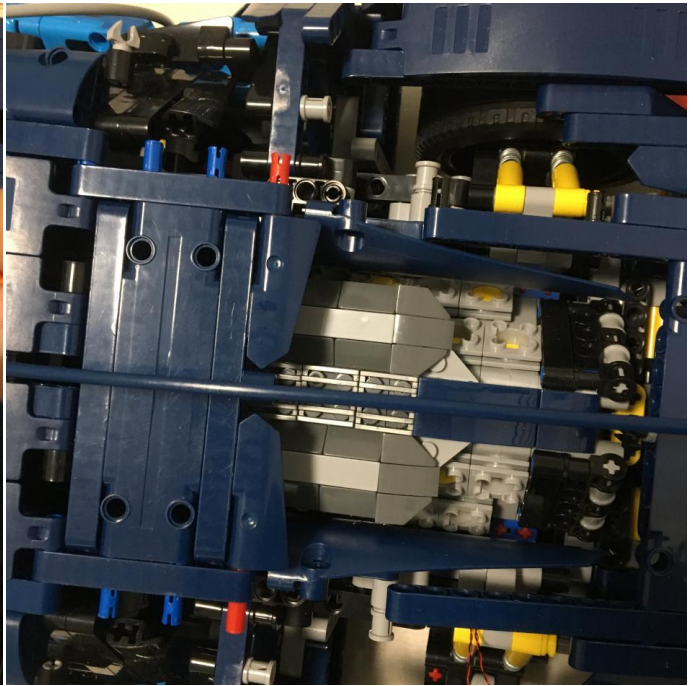
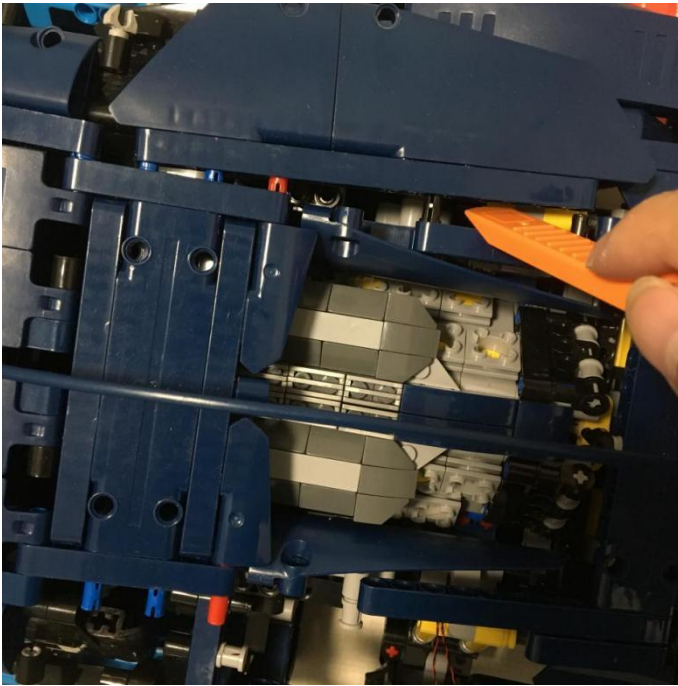
53



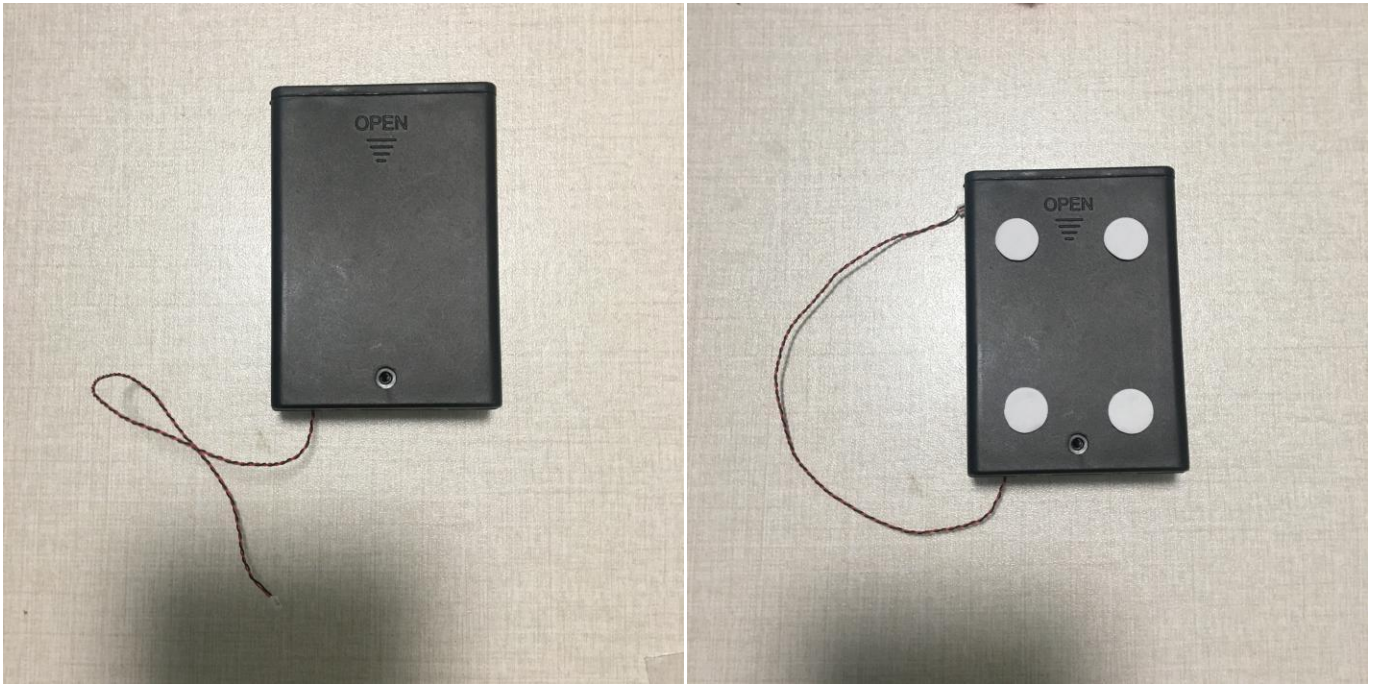
54



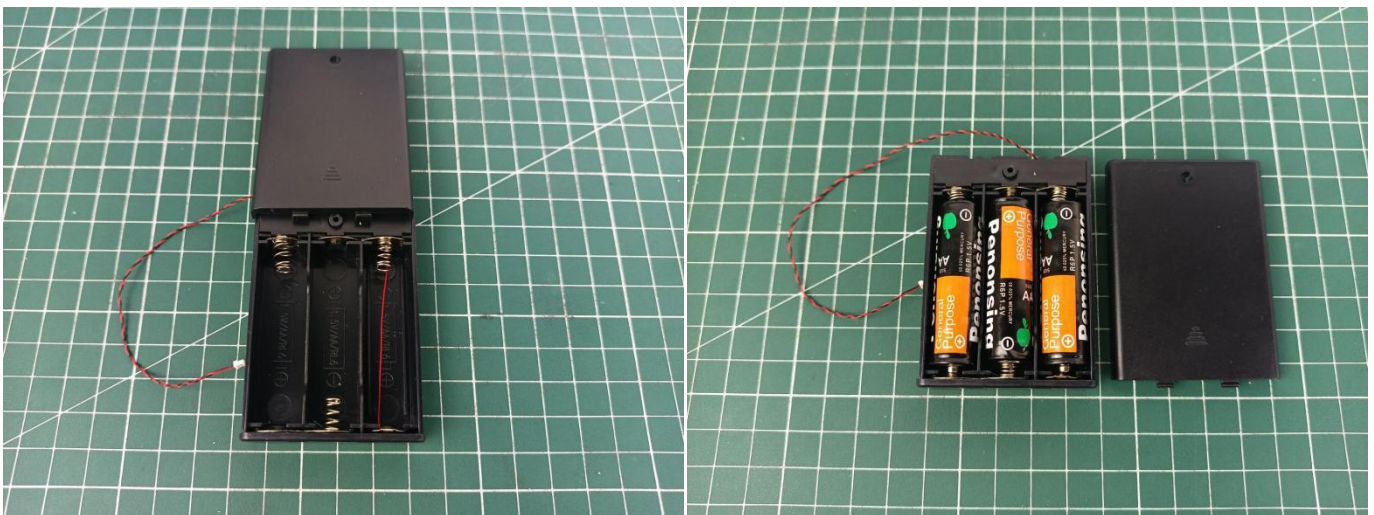
55



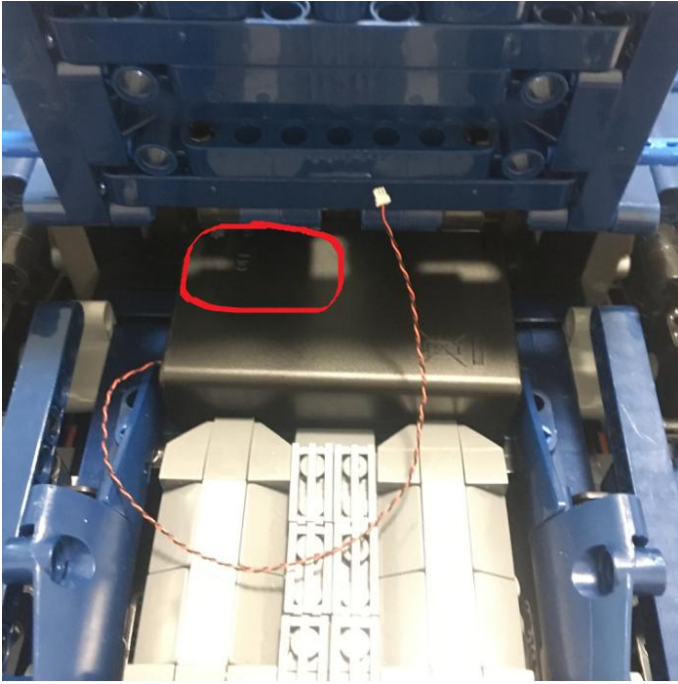
56. Remove the battery case and double-sided tape and put it in the car, paying attention to the battery case opening up and facing inside



The AA Battery Box does not contain batteries, please buy three AA batteries in the nearest store and install it in the AA Battery Box.



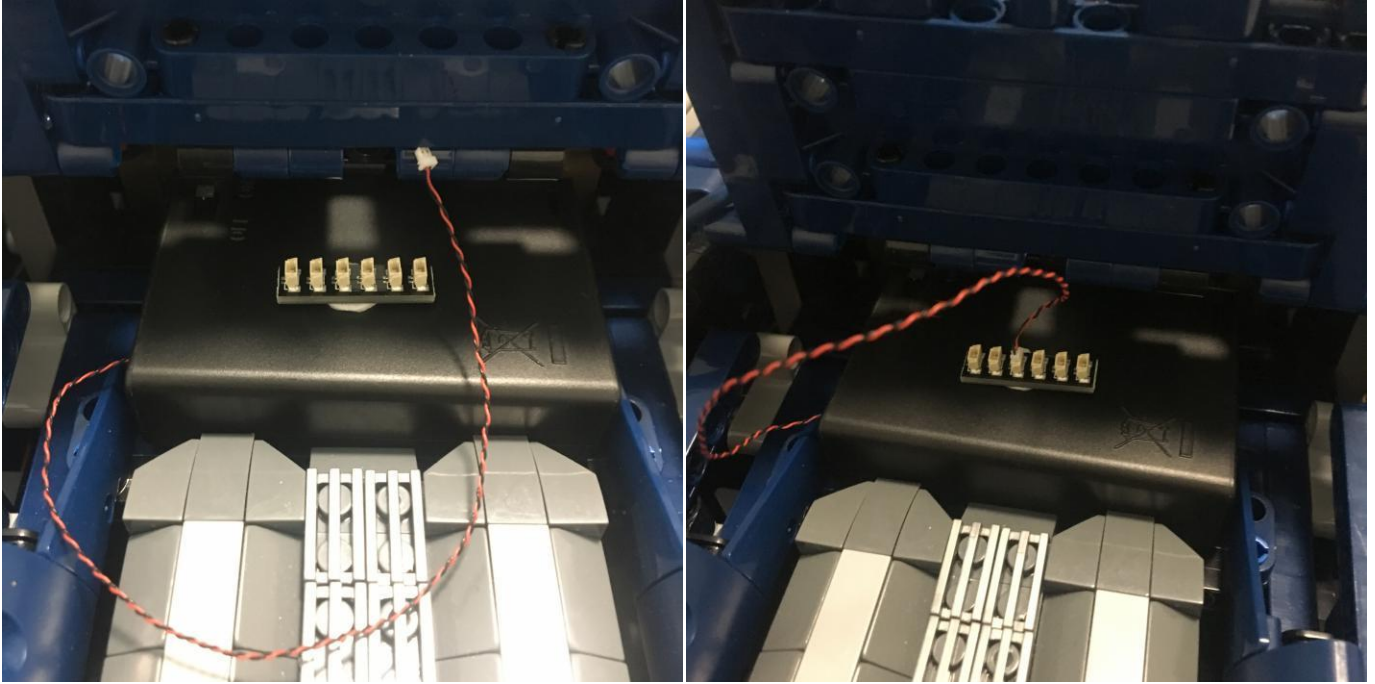
57



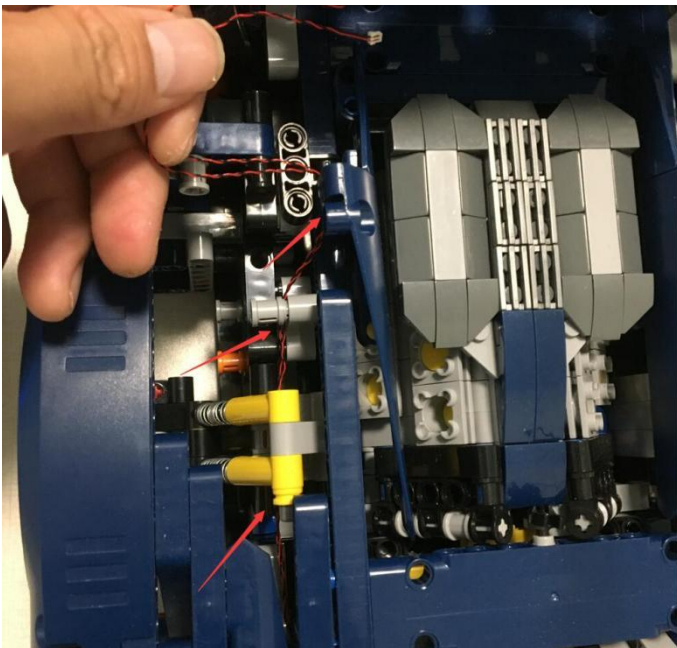
58. Take out the 6-port Expansion Boards, glue it to the battery case with double-sided tape, and then connect the battery case to the socket.



59



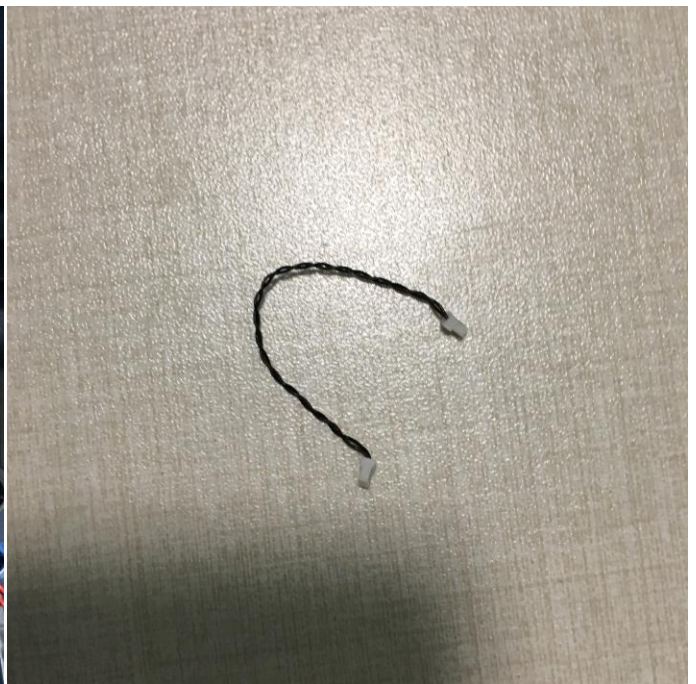
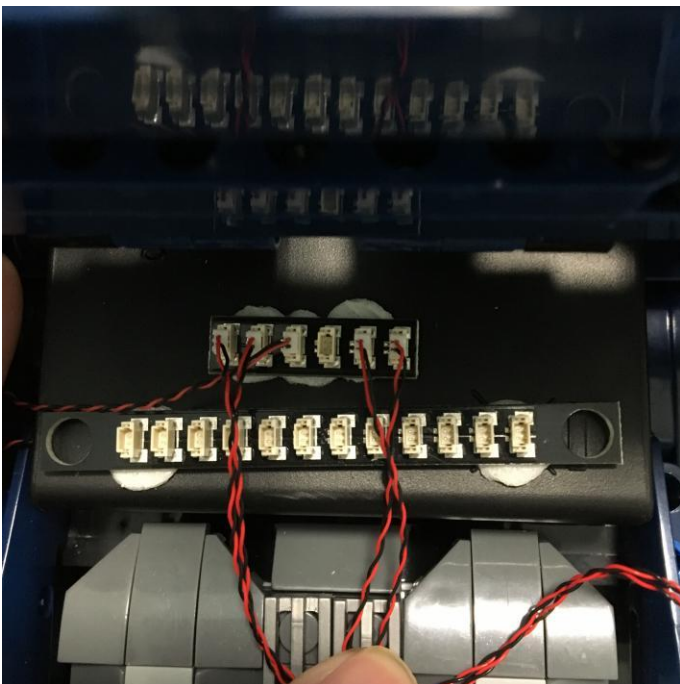
60. Connect the short light bar and the 15cm cable that is worn in the cab to the rear of the seat to the 6-seat outlet. Put the long light bar line at the end of the car into the vicinity of the battery box as shown in the figure, and the other side is connected to the 6-seat socket.



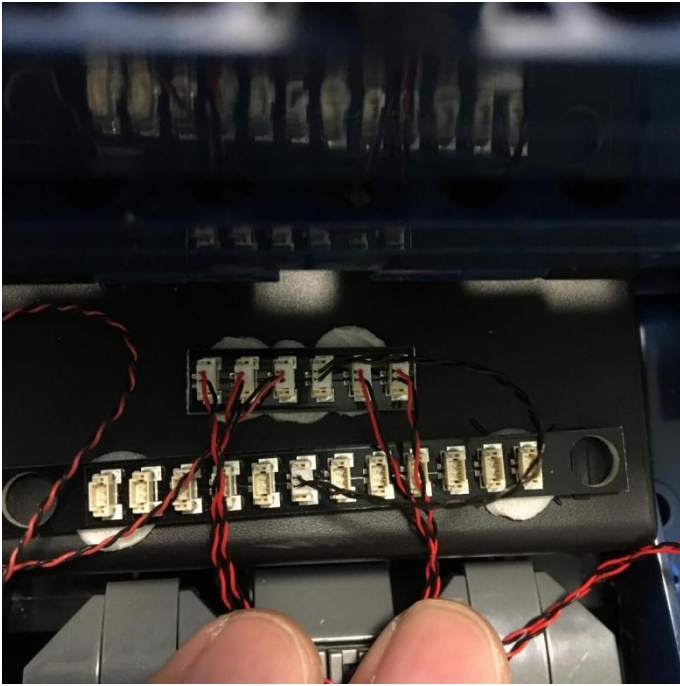
61. Take out a 12-port Expansion Boards, paste 2 pieces of Adhesive Squares on the back, attach it to the battery case, and then take out a 5cm cable. The 2 ends are respectively linked to the 6-port Expansion Boards and the 12-port Expansion Boards, as shown in the figure.



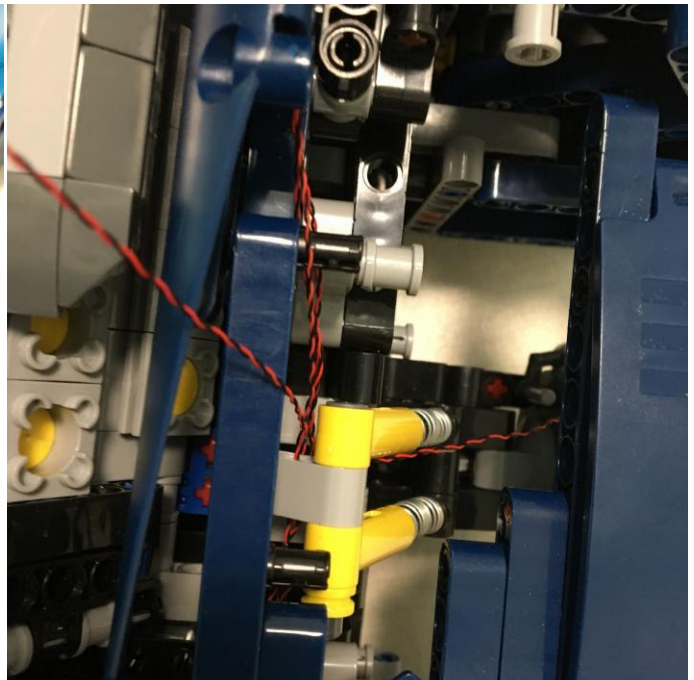
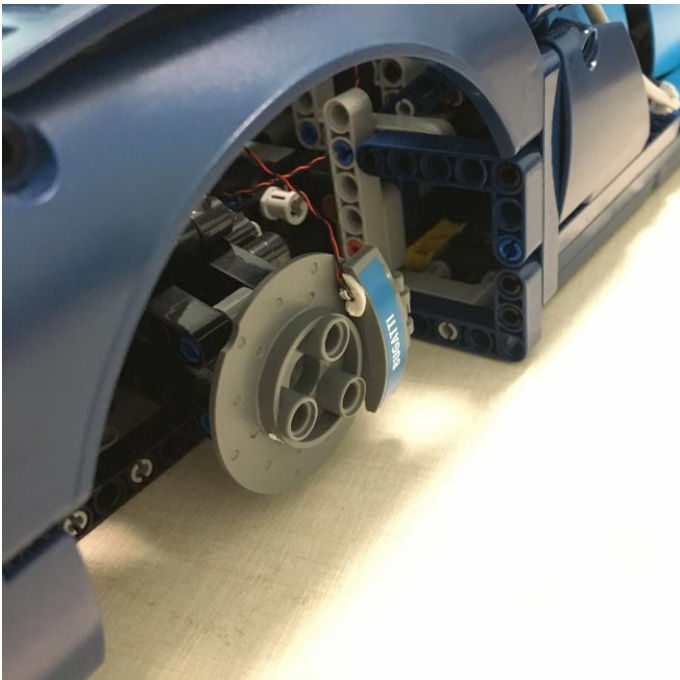
62



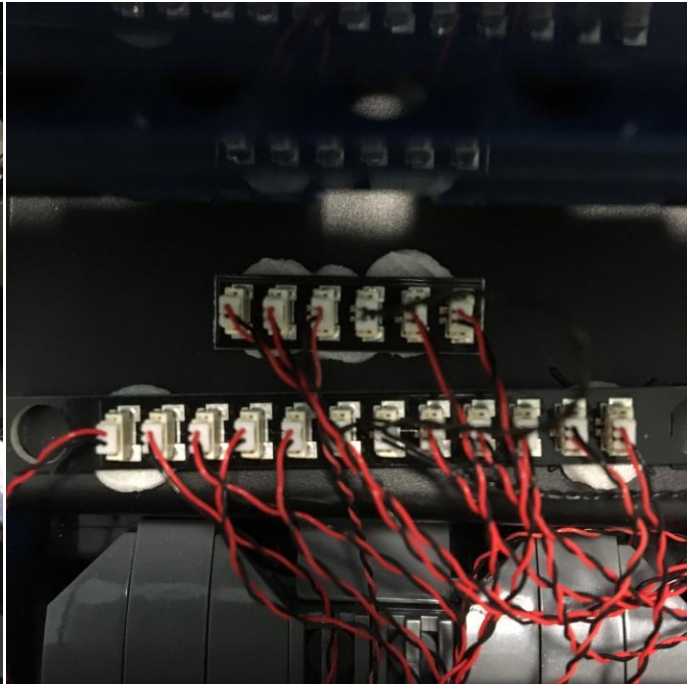
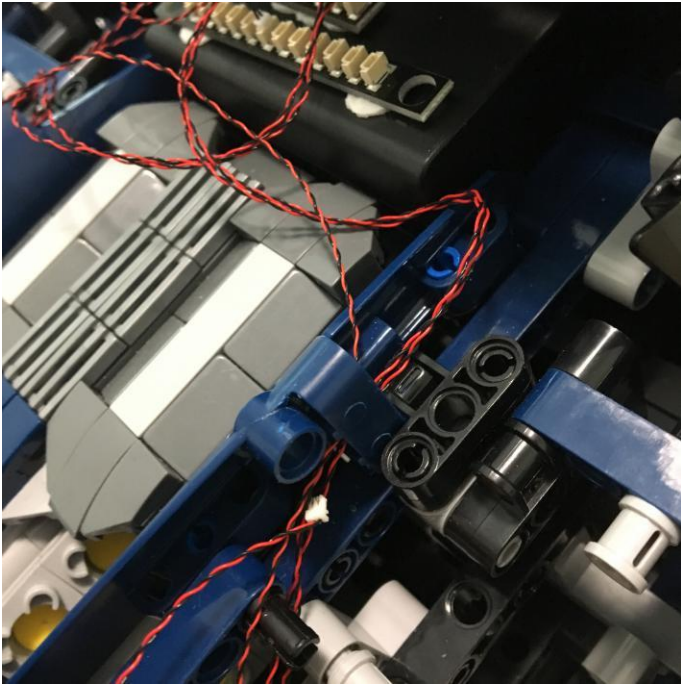
63



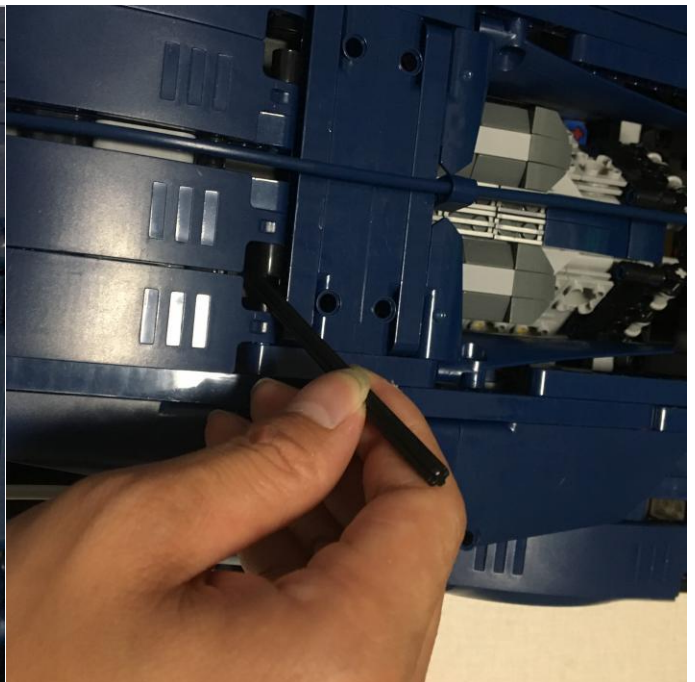
64. Install the rear tire light. Take a 30cm red dot light and Adhesive Squarese, the socket is connected to the 12-port Expansion Boards on the battery box, the other side is the same, as shown.



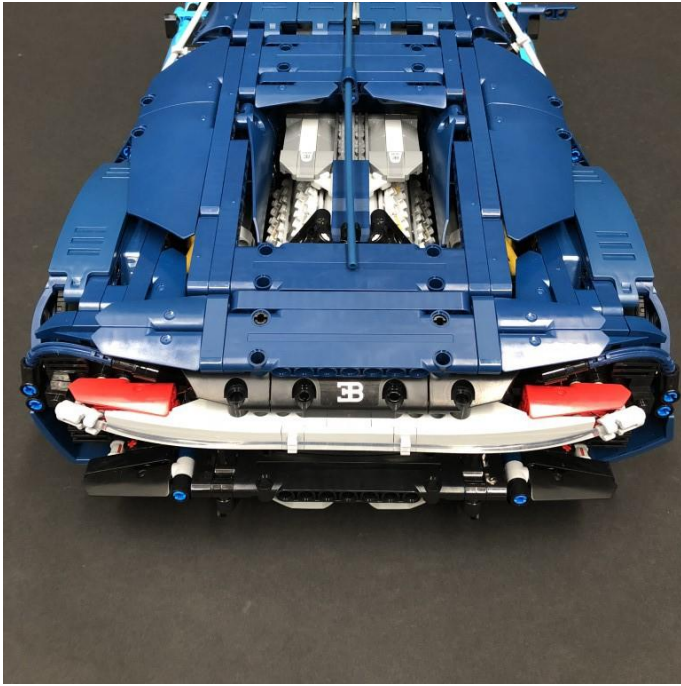
65



66. Restore the roof, the lighting switch is as shown in the figure, you can use some slender objects to open or close the switch.



67



68



Good job, you've done all the installation steps, power it up and enjoy your work.

