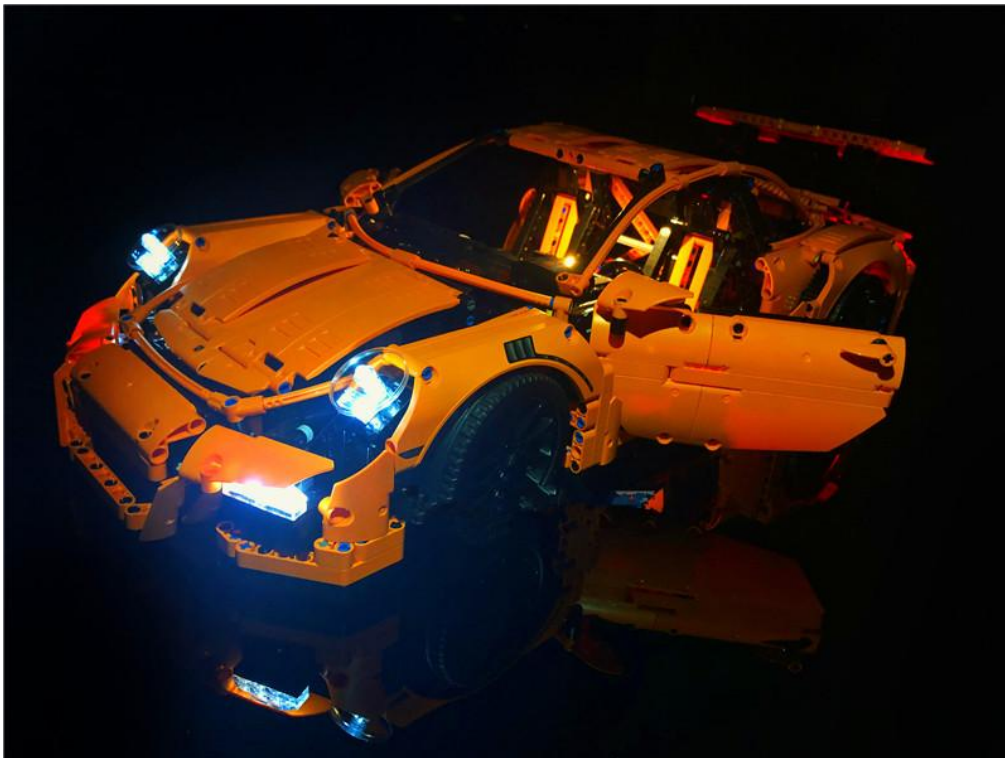


42056 Porsche 911 GT3 RS P7802

- **P7802 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 “42056 P7802”.**
- **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 7 bags in this set. The name and quantities of specific components are as shown , please check carefully.

Label	Content	Quantity
Bit Lights-15CM-Warm White	Bit Lights-15CM-Warm White	16
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	6 Socket Expansion Board	1
	8 Socket Expansion Board	1
	12 Socket Expansion Board	1
AA Battery Box	AA Battery Box	1
Connecting Cables-30CM	Connecting Cables-30CM	2
Connecting Cables-50CM	Connecting Cables-50CM	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.



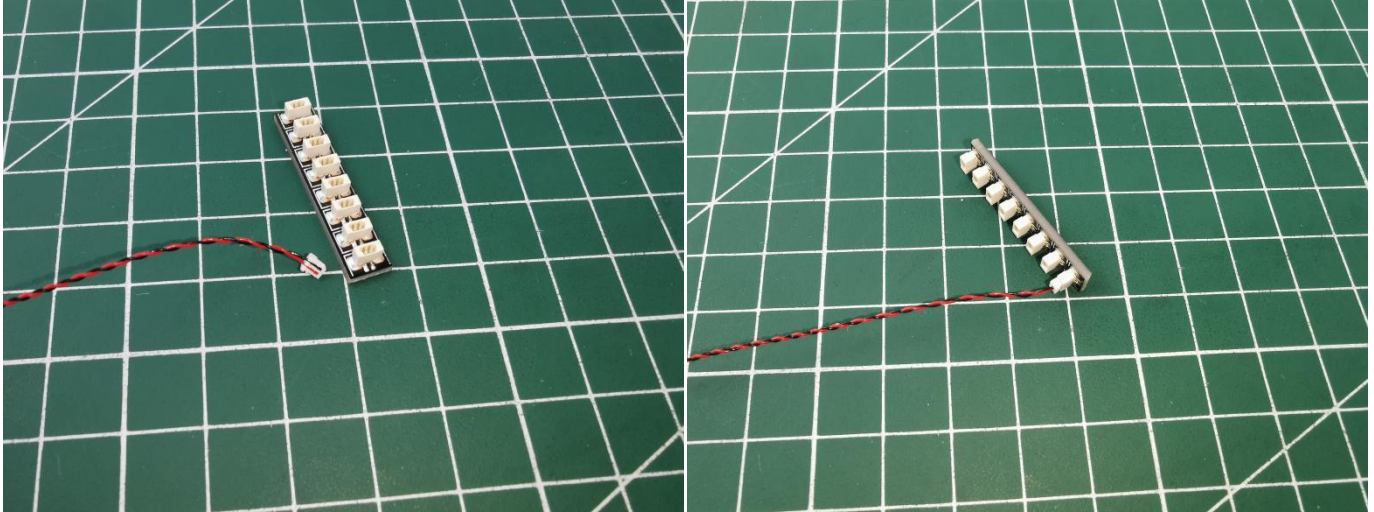
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.



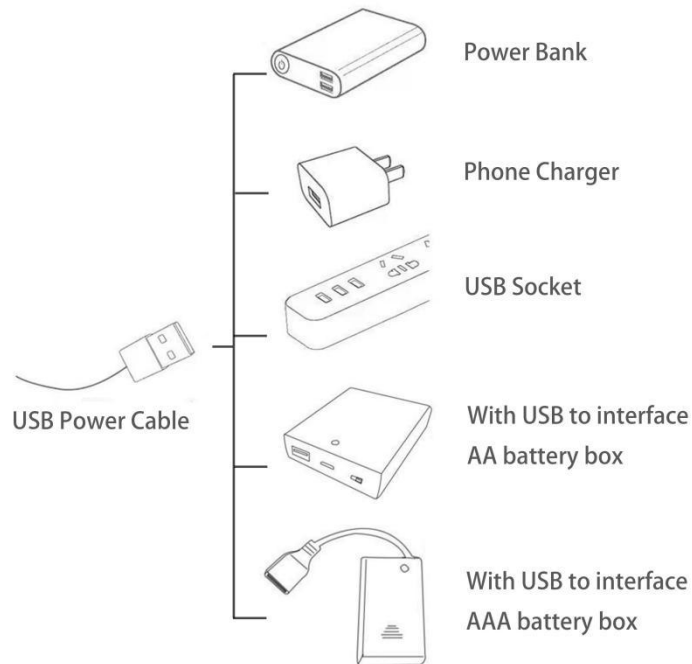
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

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.

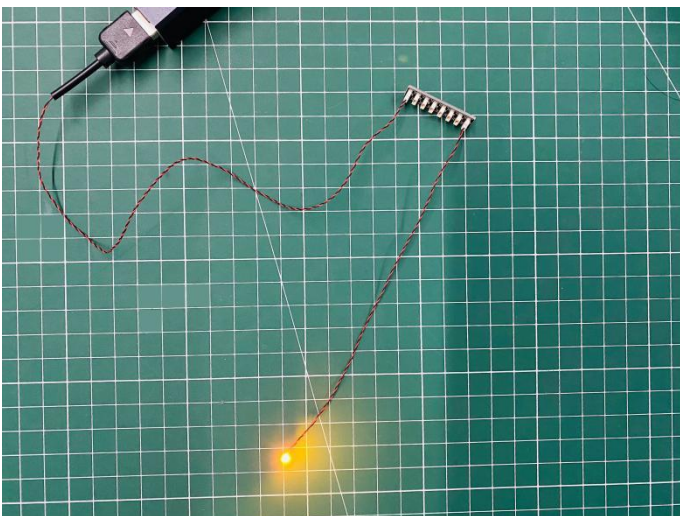
USB connectors to connect devices



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-Warm White" particles,Take out the bag labelled "Bit Lights-15CM-Warm 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 15*Bit Lights-15CM-Warm White,1*LED Strip Lights-Warm White.

Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

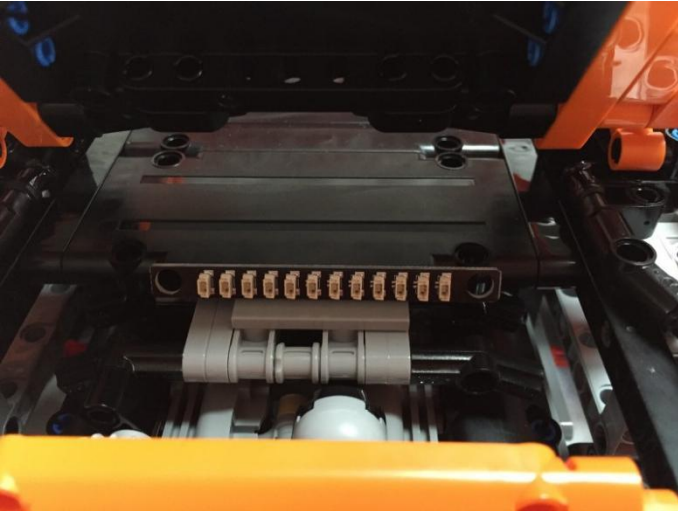
1



2.Let's start at the back of the vehicle. Grab the 12 Port Expansion Board and move the car around so you have easy access to the boot.



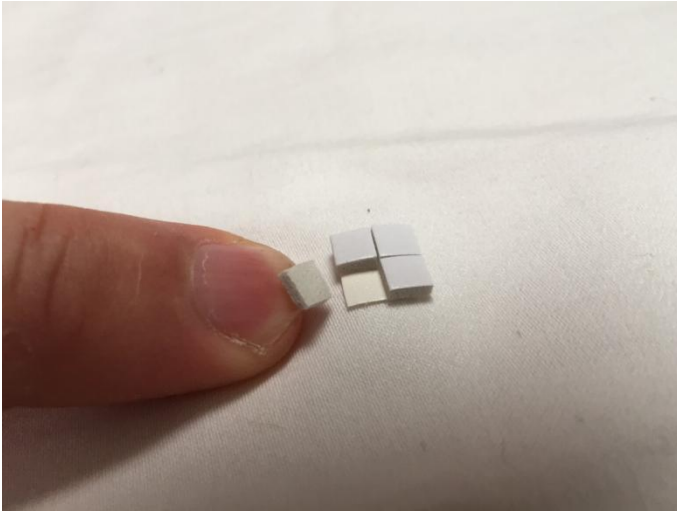
3



4. There are a few options for mounting the 12 Port Expansion Board. I am going to mount mine on top of the 1 x 4 tile. If you have applied a sticker to this piece, you may want to mount the expansion board in one of the other positions shown in the photos above.



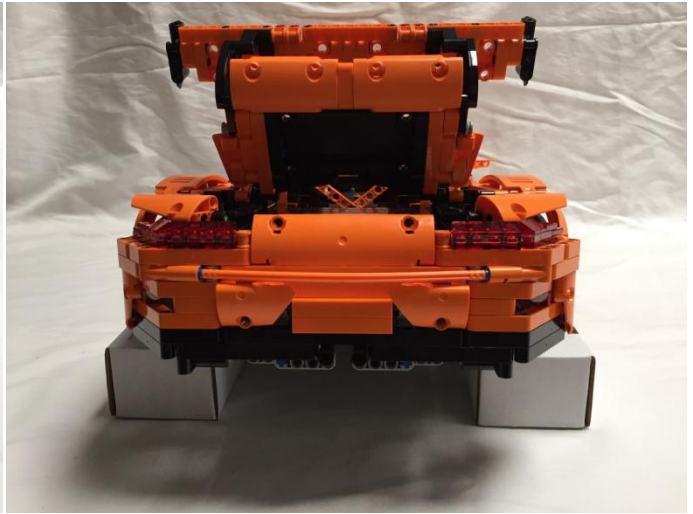
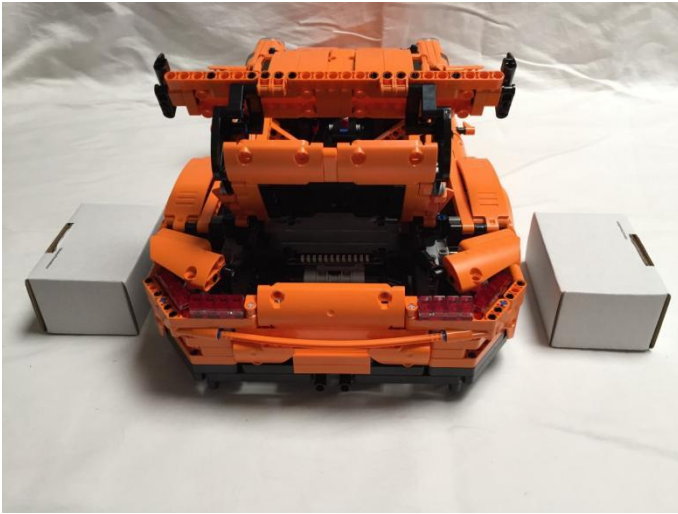
5. Grab some Adhesive Squares and peel the top off one of them.



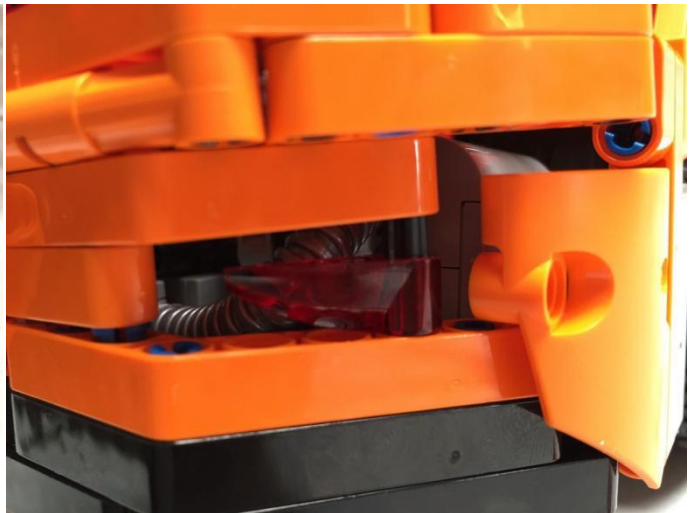
6. Remove it from the base and stick it on the car where you want to mount your 12 Port Expansion Board.



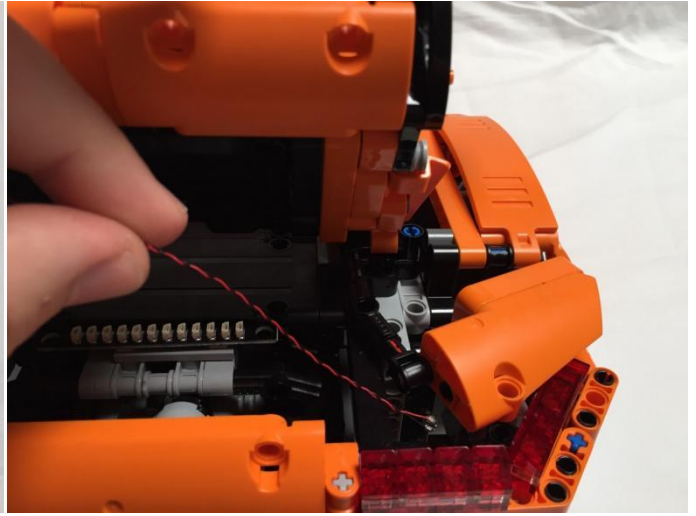
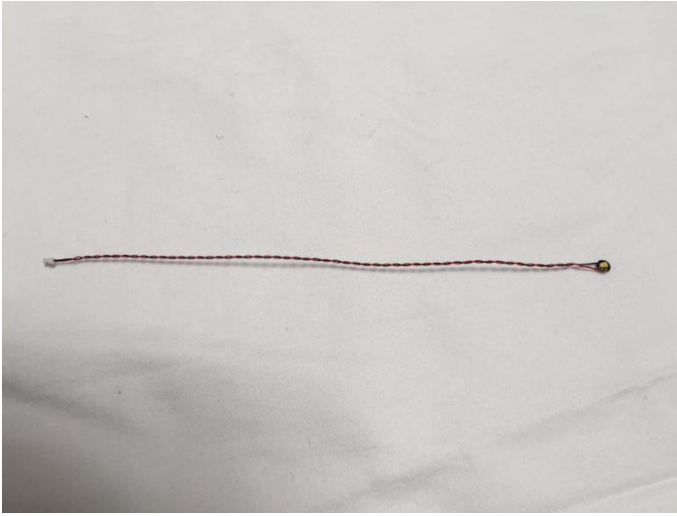
7. Grab another Adhesive Square and peel it like the previous one. Also stick it where you want the 12 Port Expansion Board to be. Mount the 12 Port Expansion Board on top the Adhesive Squares.



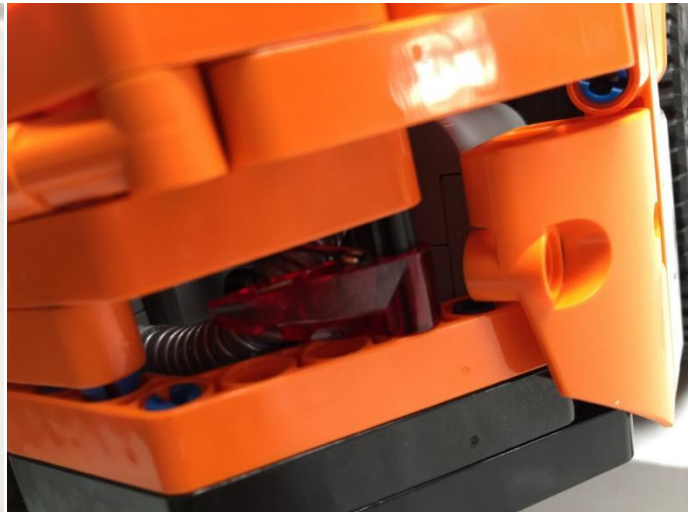
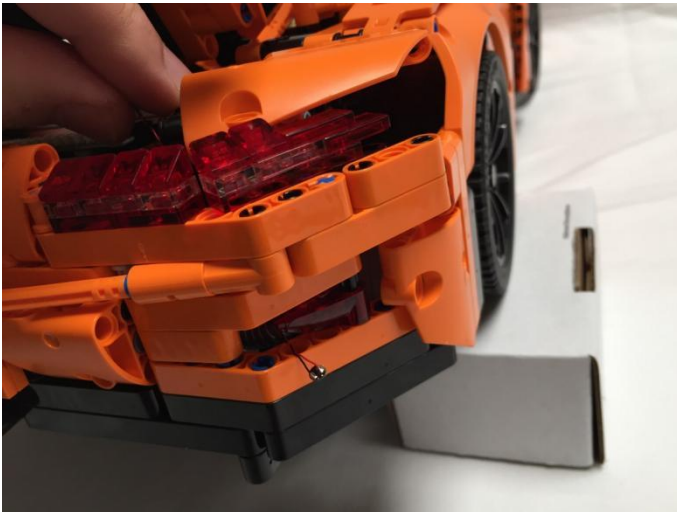
8



9. Look for the Trans-Red Bionicle 1 x 3 Tooth with Axle Hole piece. Gently pry apart the orange technic pieces above and below it.



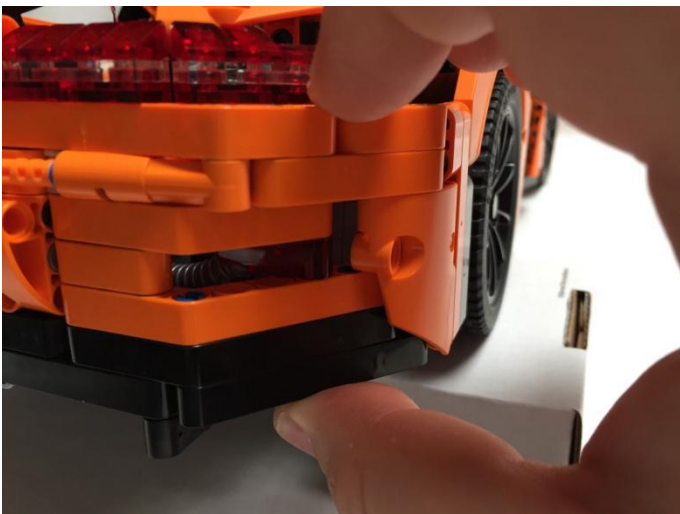
10



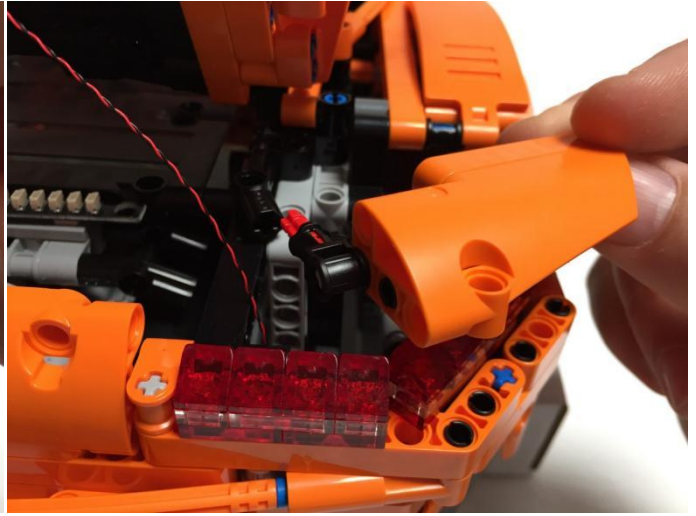
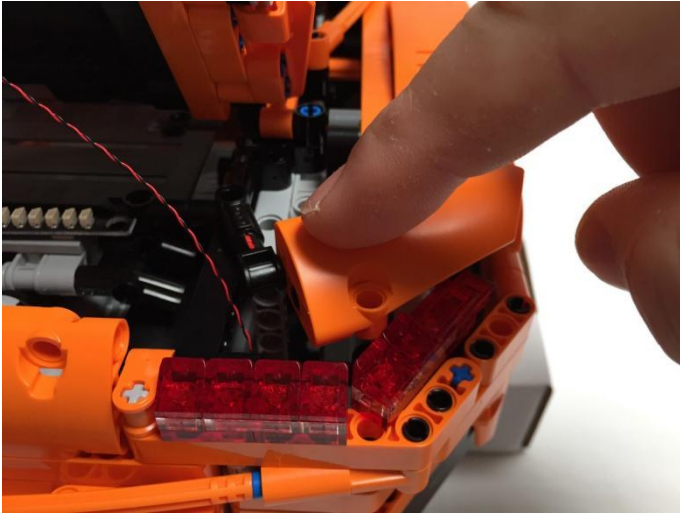
11. Grab a White 15cm Dot Light and feed it down through the boot and out near the Trans-Red Bionicle 1 x 3 Tooth with Axle Hole piece.



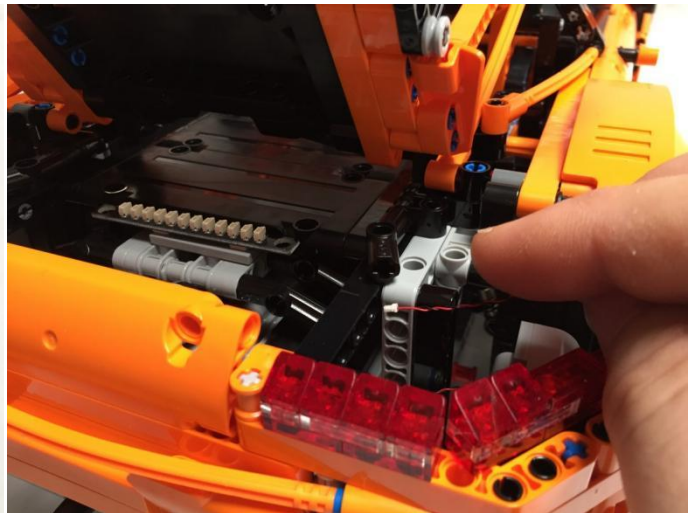
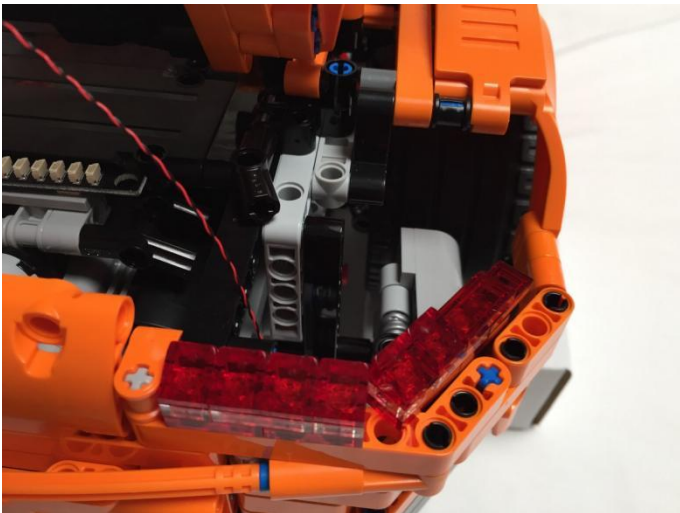
12. Jiggle and manoeuvre the LED until it is face down and inside the Trans-Red Bionicle 1 x 3 Tooth with Axle Hole piece.



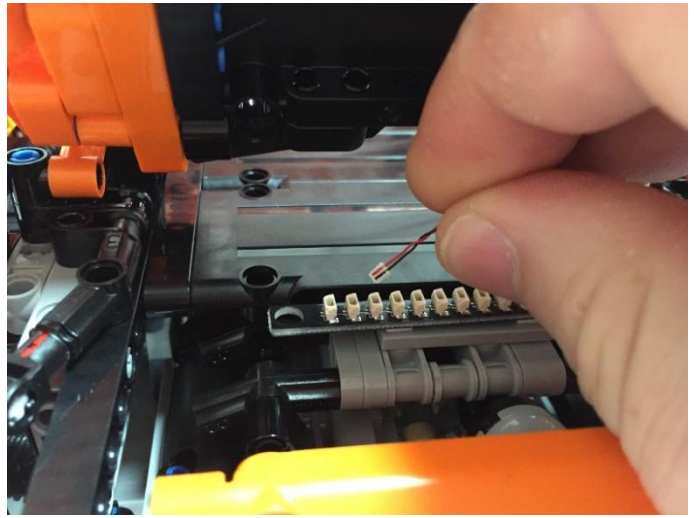
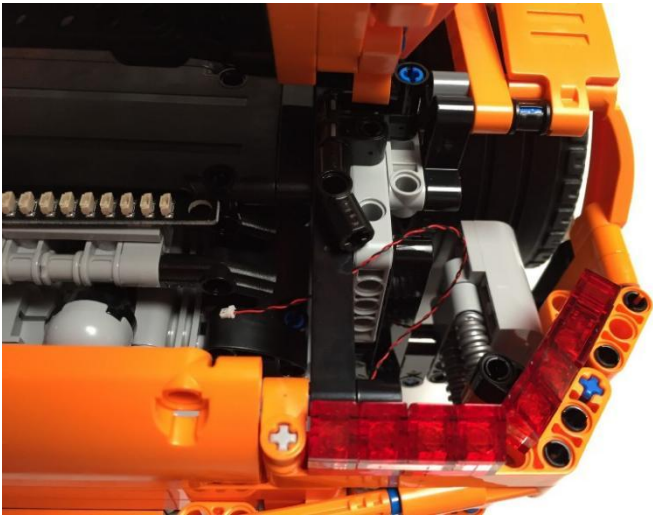
13. Pinch the technic pieces that you previously separated back together.



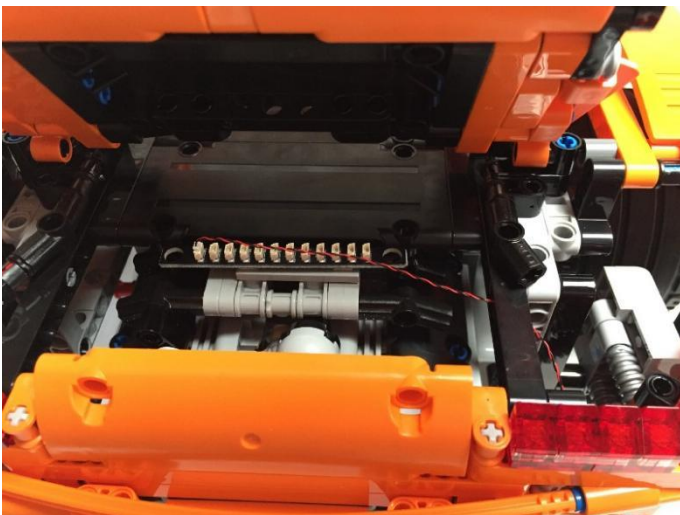
14. Remove the orange technic fairing piece that sits above the brake light. Do this by pulling it backwards towards you.



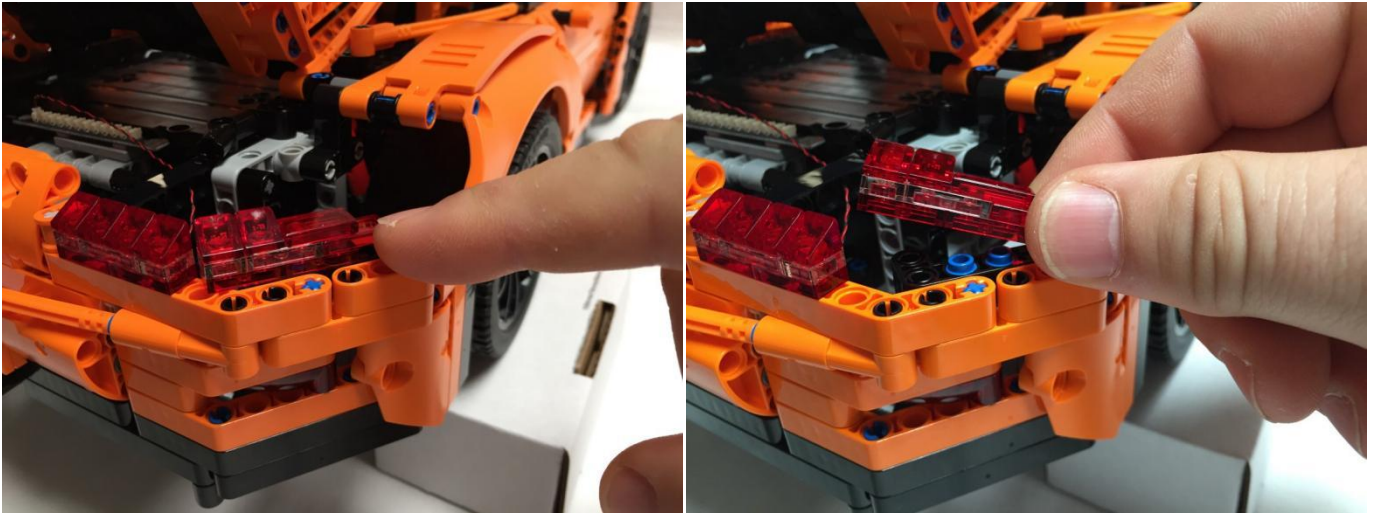
15. Grab the plug end of the White 15cm Dot Light and feed it through a side hole in the black technic liftarm piece.



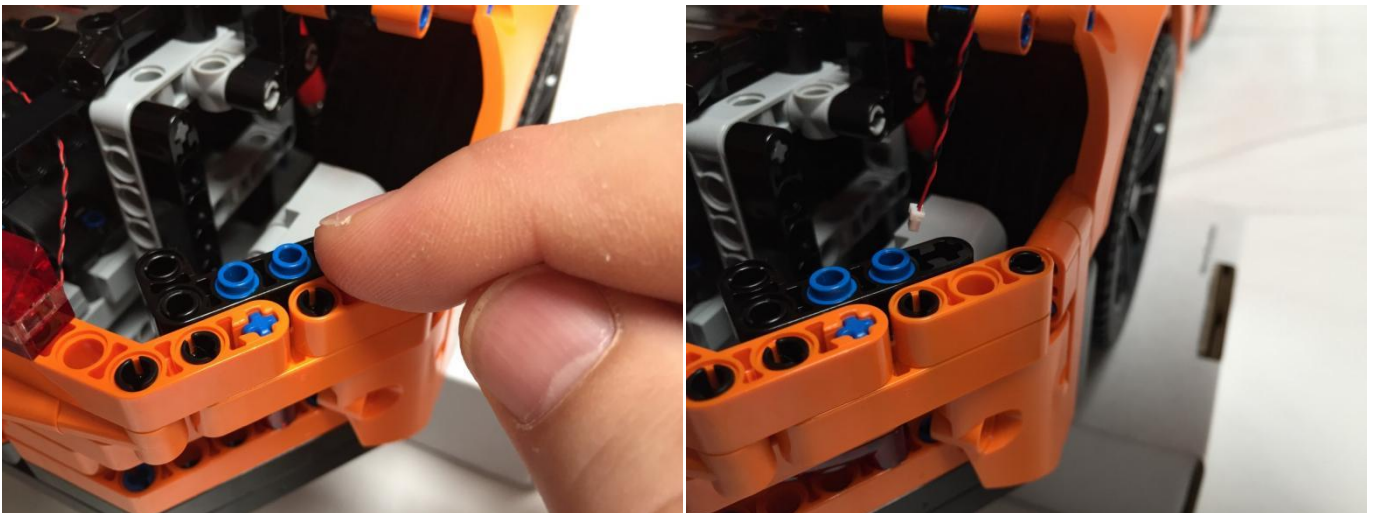
16



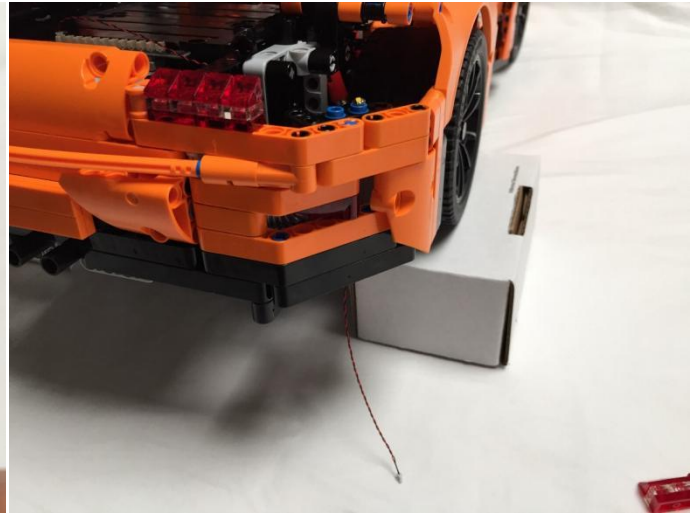
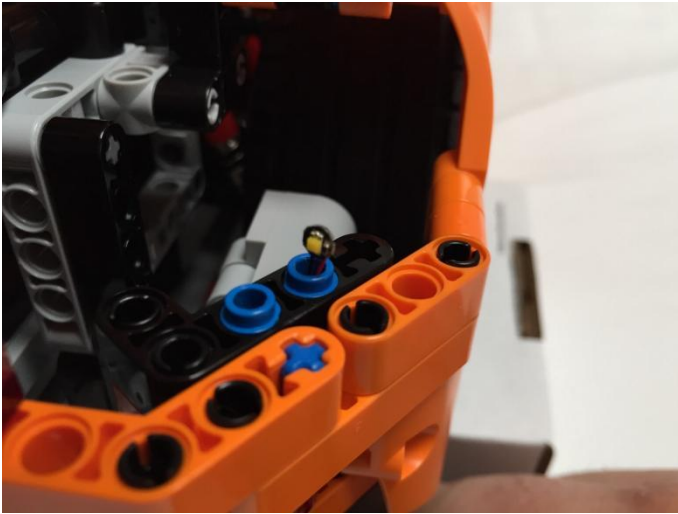
17. Plug the White 15cm Dot Light into an available port on the 12 Port Expansion Board. I have chosen the furthest port on the left to minimise the amount of slack in the wire.



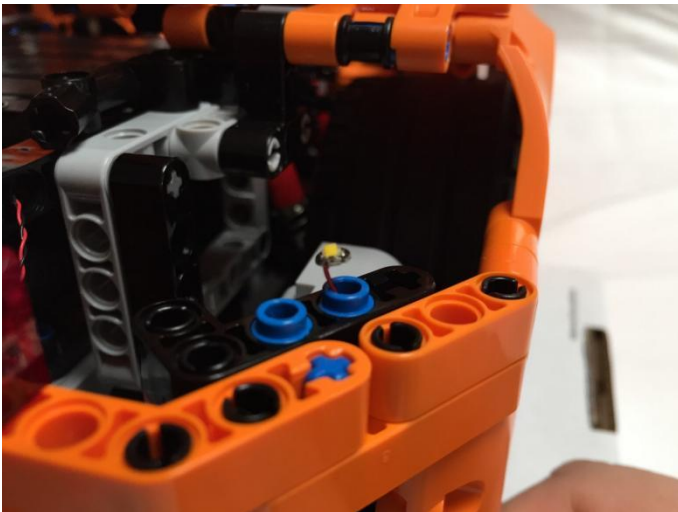
18. There are two sets of transparent pieces on each side of the car that represent brake lights. Remove the set furthest from the centre of the car (in this instance, the set on the right).



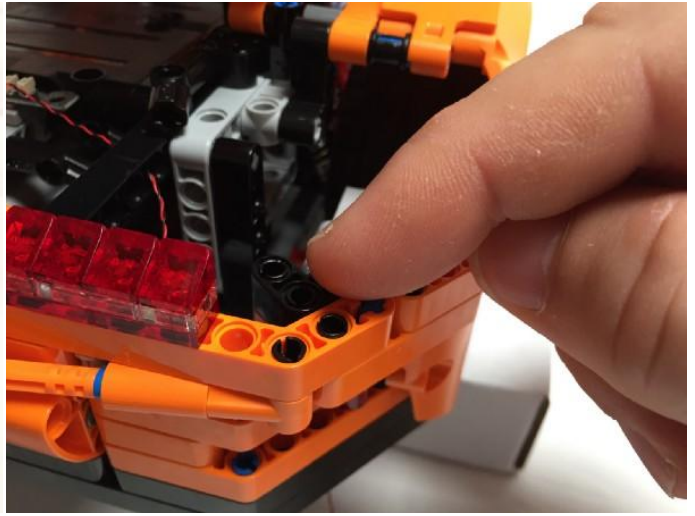
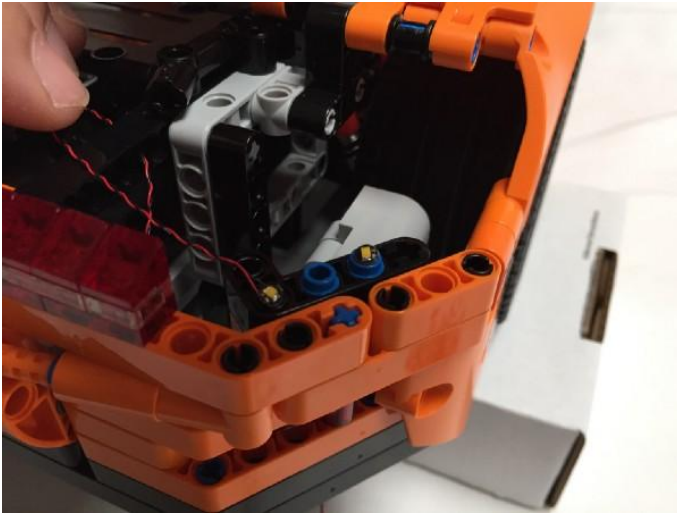
19. There are now two blue technic 1/2 pins visible. Grab a White 15cm Dot Light and feed the white plug end through the blue technic 1/2 pin furthest from the centre of the car.



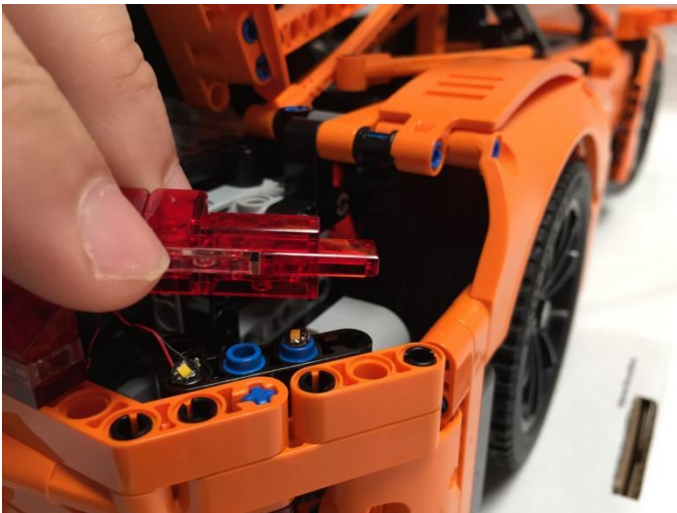
20. The wire will likely run through and out the bottom of the car which is fine.



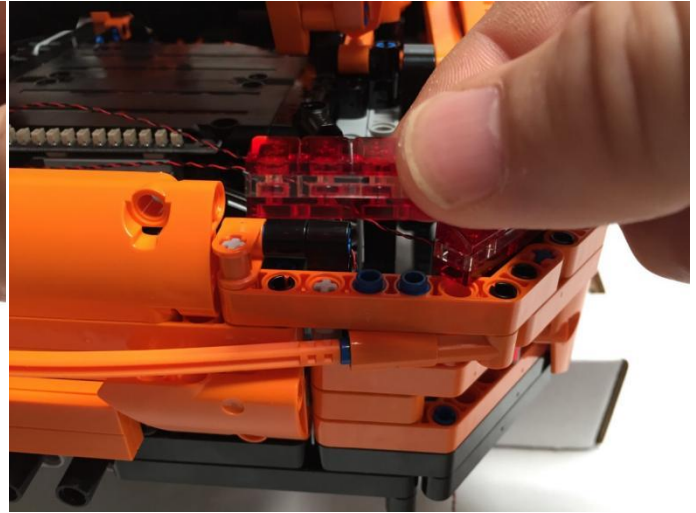
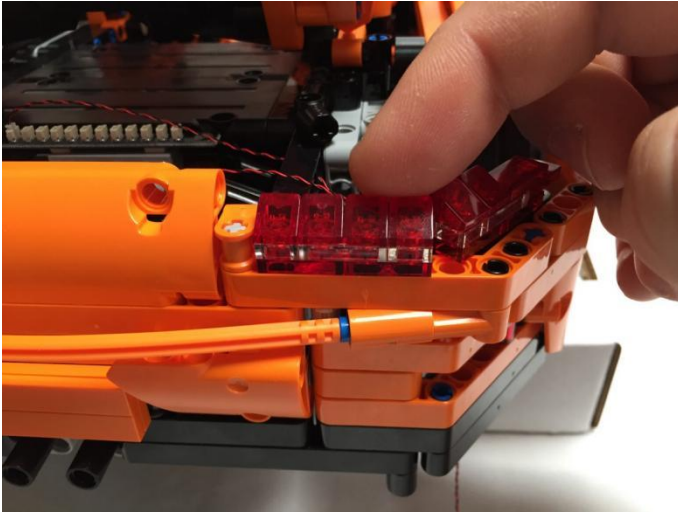
21. Grab the top of the LED on the White 15cm Dot Light and carefully bend it so that it faces upwards. You want it to sit flat on top of the blue technic 1/2 pin.



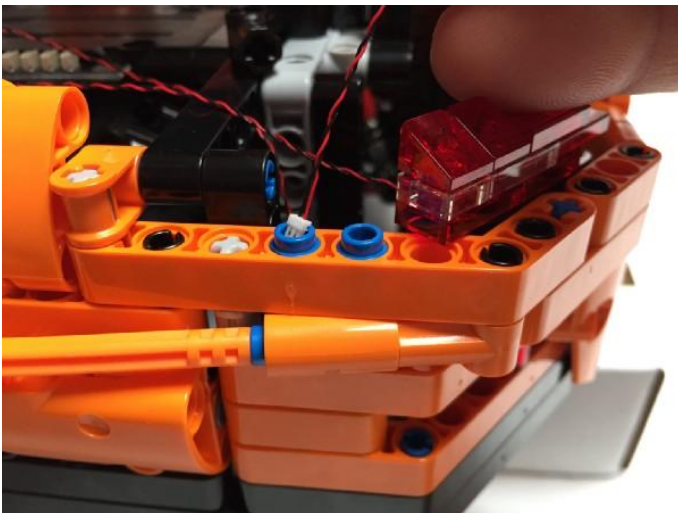
22



23. Replace the transparent pieces that represent brake lights. Each White 15cm Dot Light LED will sit comfortably inside the cavity of the plate being fixed on top of it. No extra resistance should be encountered when refitting the brake light pieces.

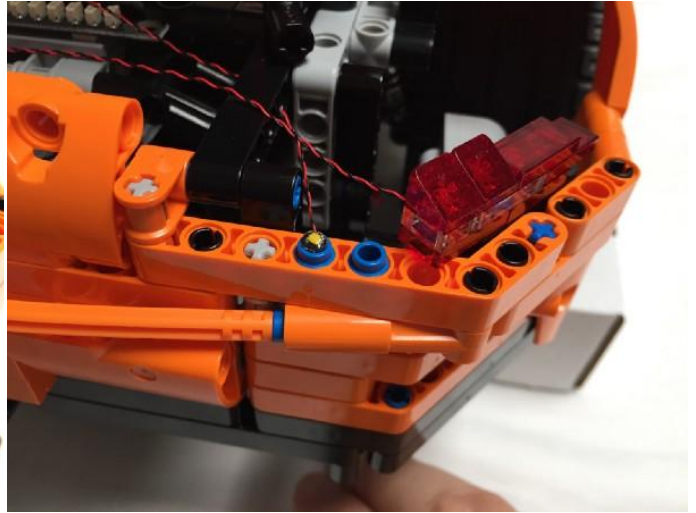
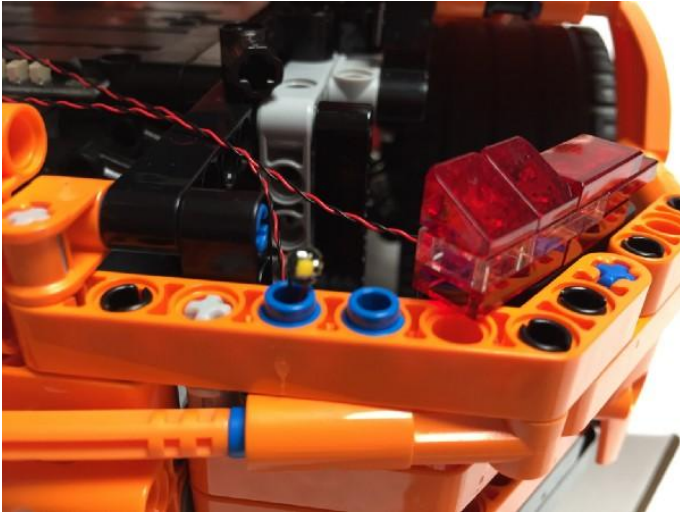


24. Remove the other set of transparent pieces the represent brake lights.

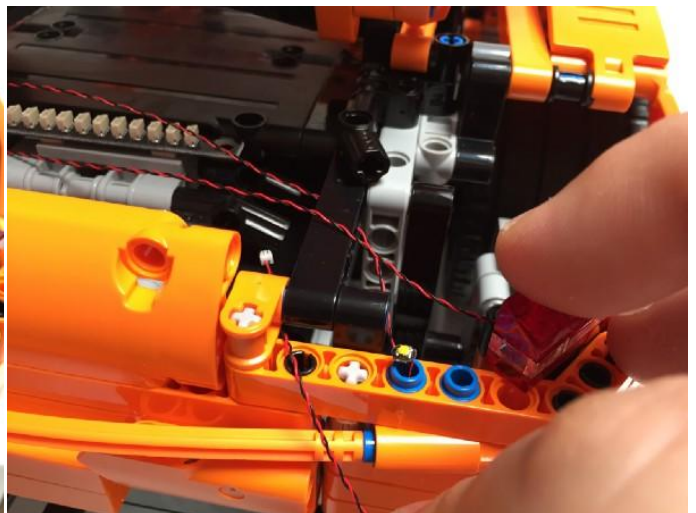
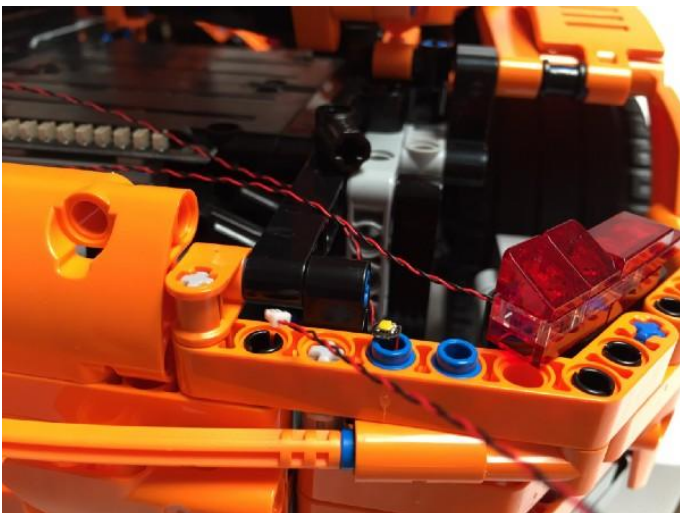


25. Again, two blue technic 1/2 pins will now be exposed. Grab a White 15cm Dot Light and feed the white plug end through the blue technic 1/2 pin closest to the centre of the car.

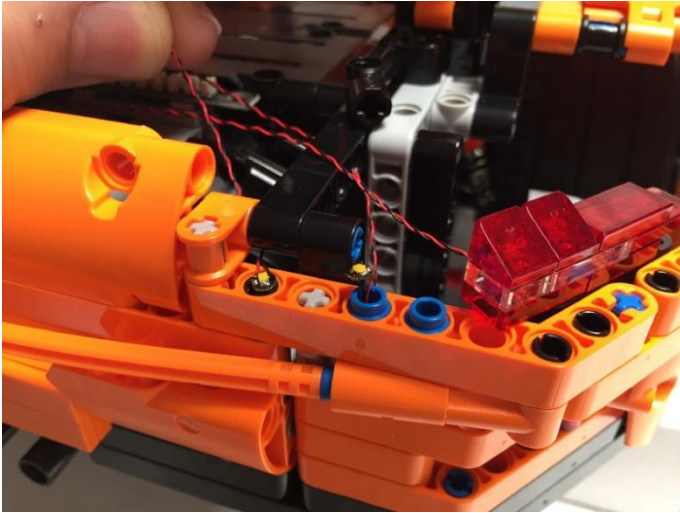
Let the cable run down underneath the car.



26. Grab the top of the LED on the White 15cm Dot Light and carefully bend it so that it faces upwards. You want it to sit flat on top of the blue technic 1/2 pin.

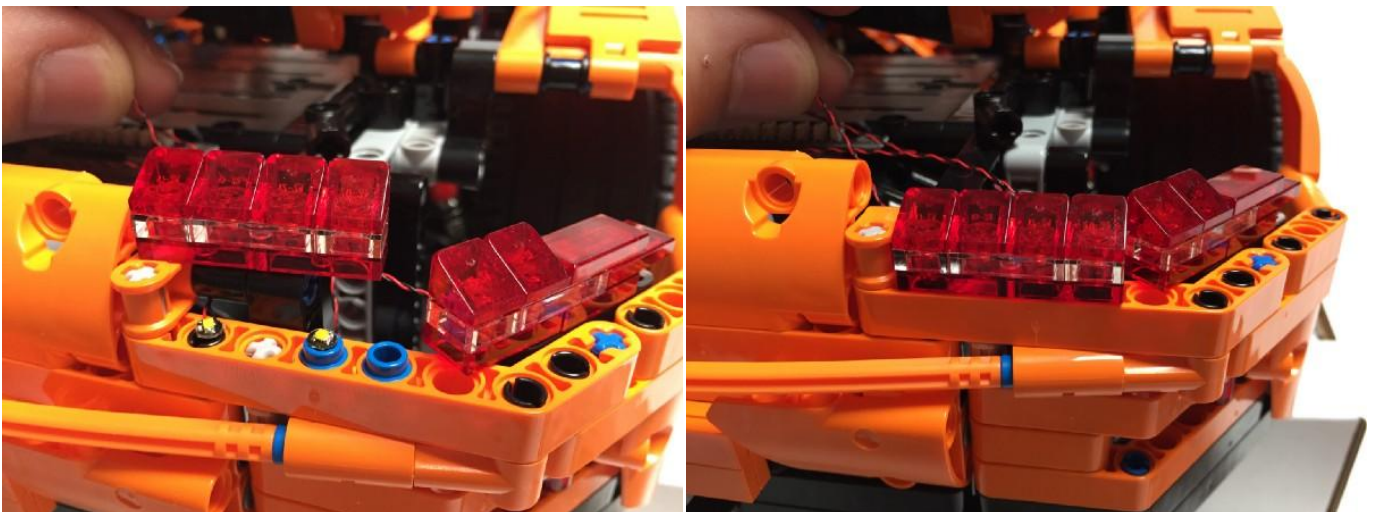


27. Grab a White 15cm Dot Light and feed the white plug end through the available gap between the orange technic liftarm (that holds the blue 1/2 technic pins) and the black technic liftarm that runs back towards the engine.

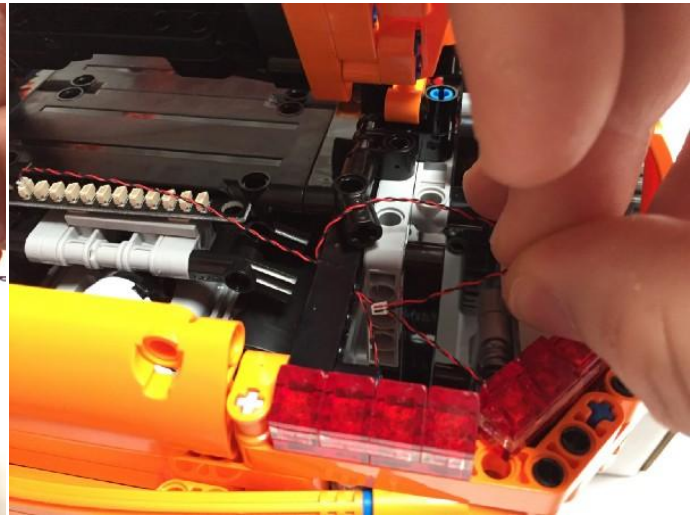
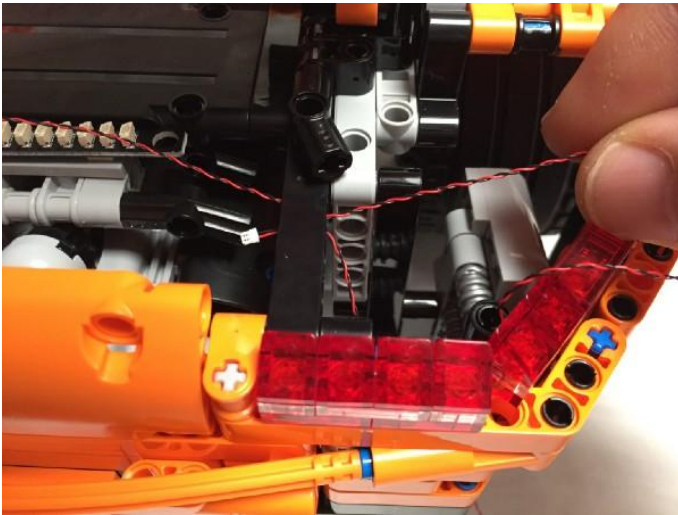


28. Rest the LED end of the White 15cm Dot Light on top of the black technic pin in the orange technic liftarm piece. Make sure the yellow LED element facing upwards.

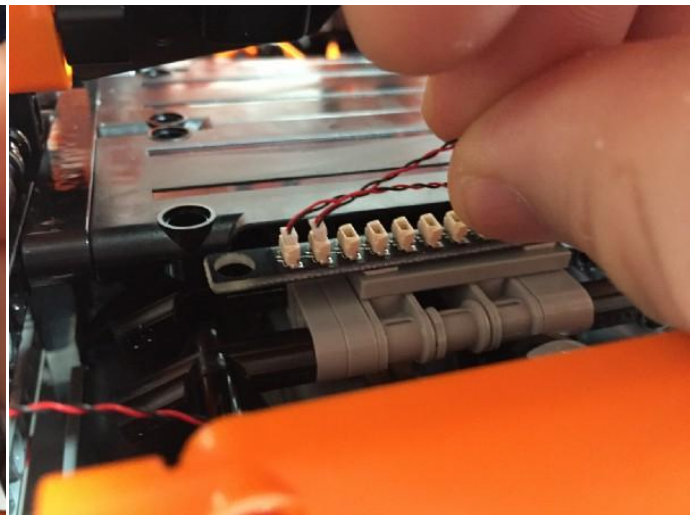
Hold this White 15cm Dot Light in place and.....



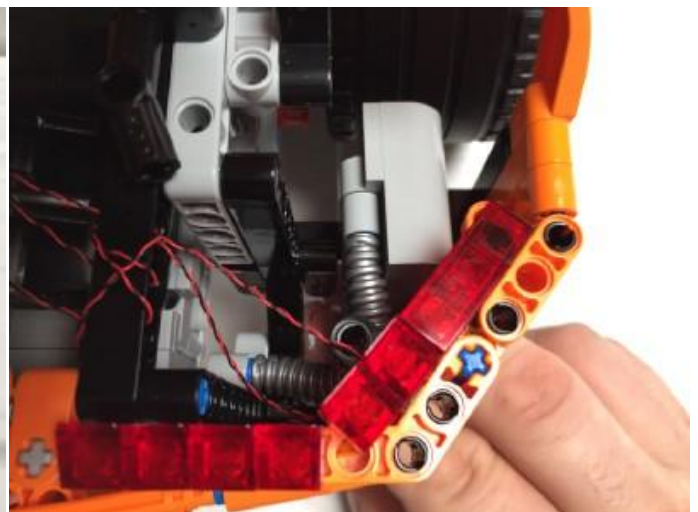
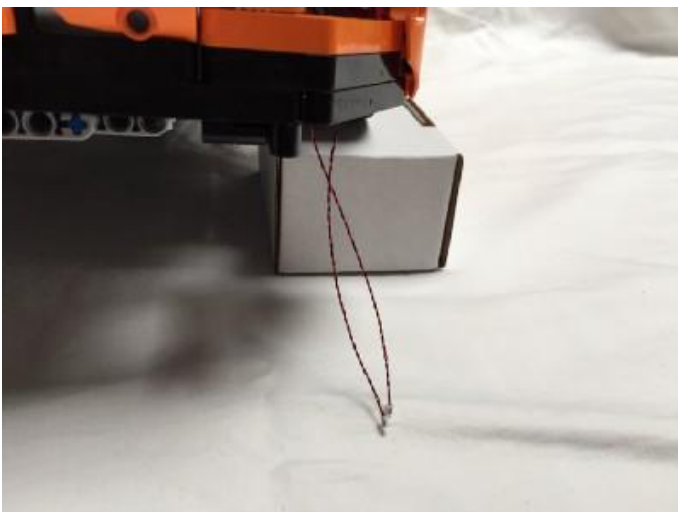
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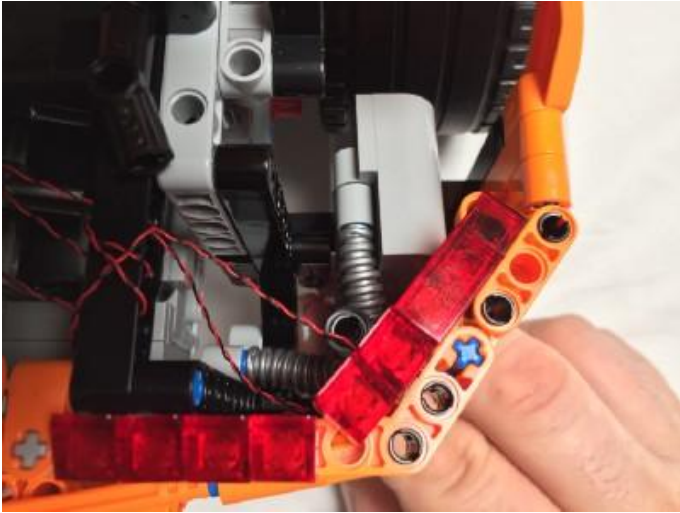
30



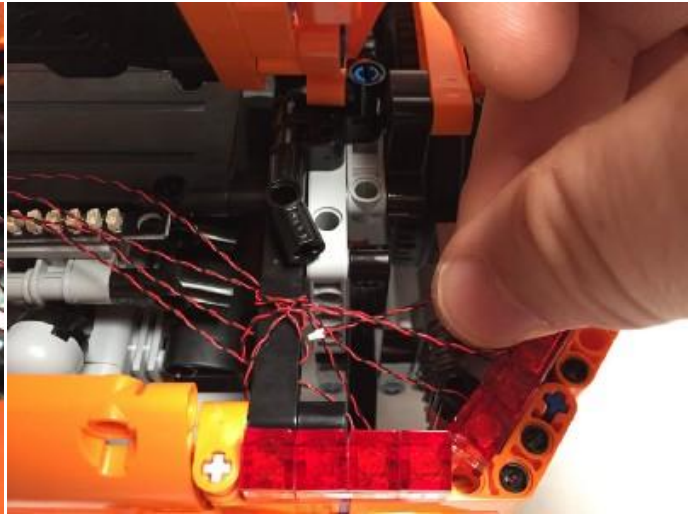
31. Plug the wires into available ports on the 12 Port Expansion Board.



32

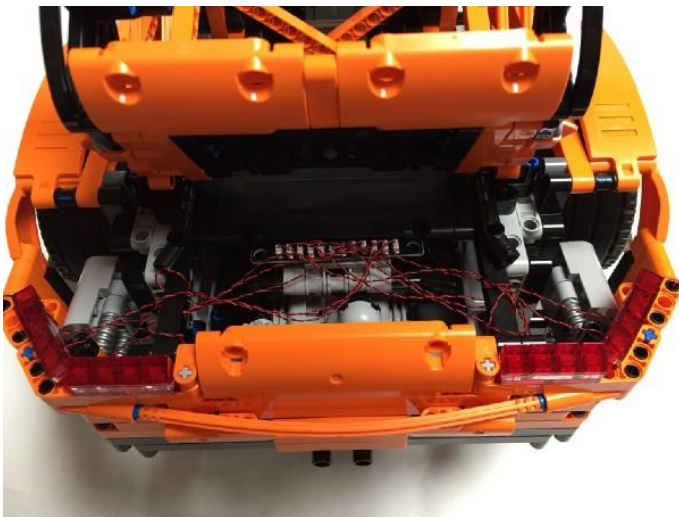


33

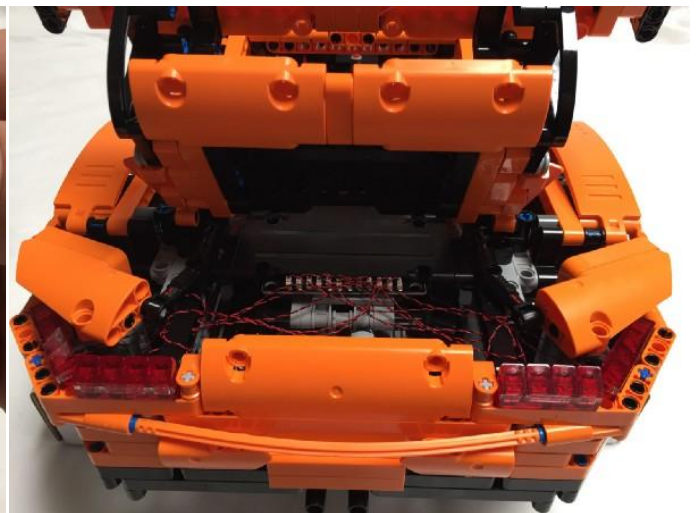
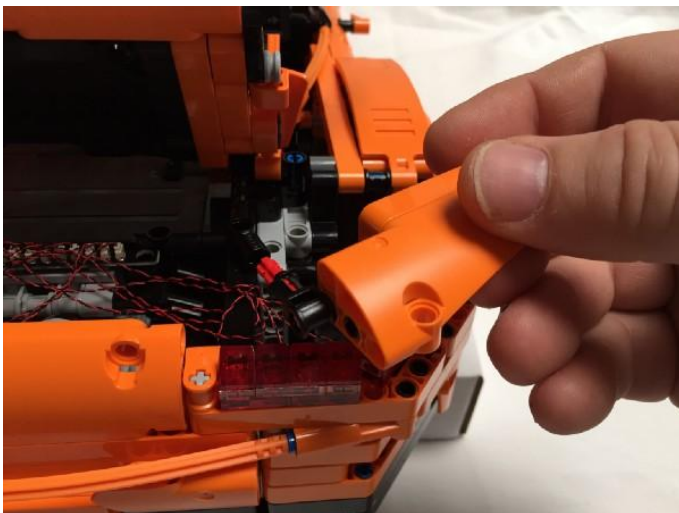


34. Repeat the process for all remaining wires. When you have finished this side, there should be five wires plugged into the 12 Port Expansion Board.

Repeat the above process for the lights on the left hand side of the car.



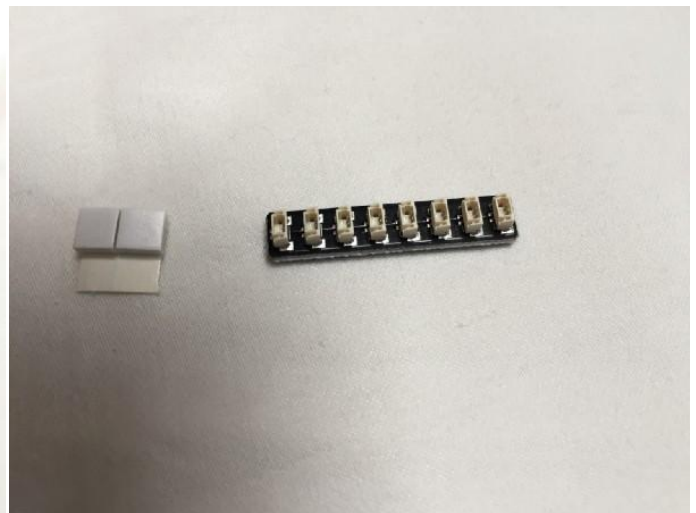
35. When both sides are wired up, your boot will look something like the pictures above.



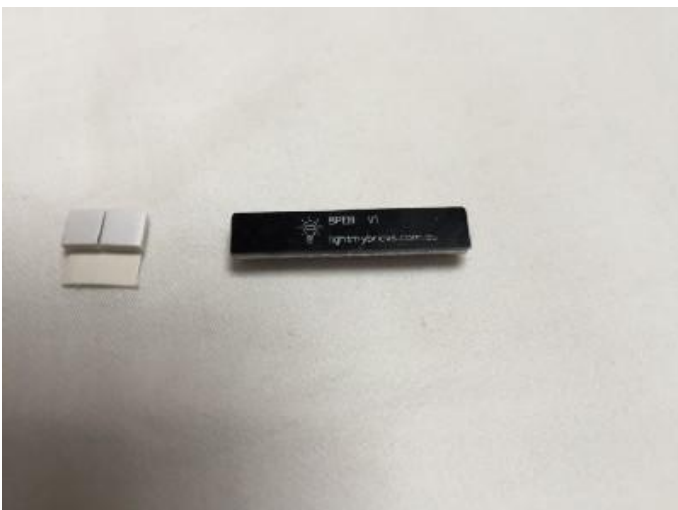
36. Replace the orange technic fairing pieces on both sides.



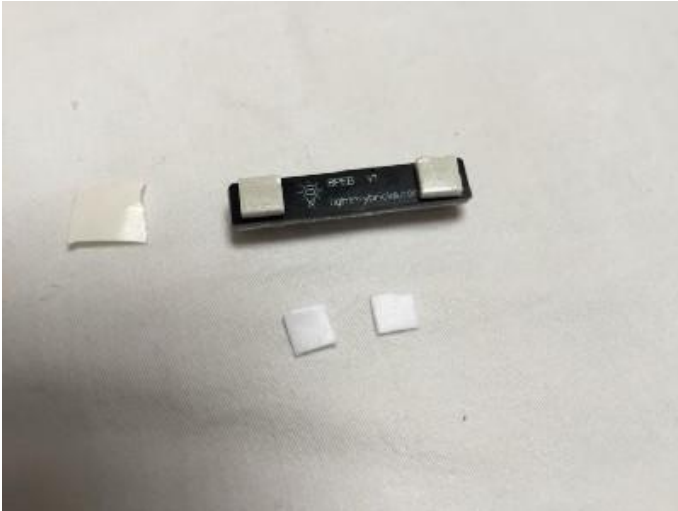
37. Close up the boot, take the car off blocks and turn it around so we can start on the front.



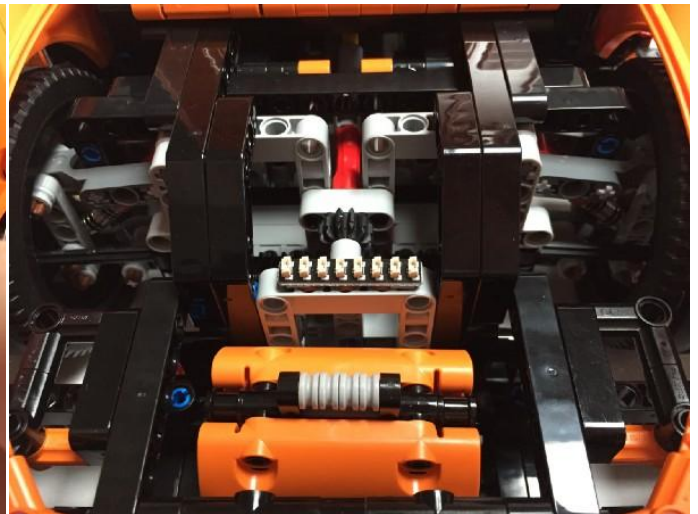
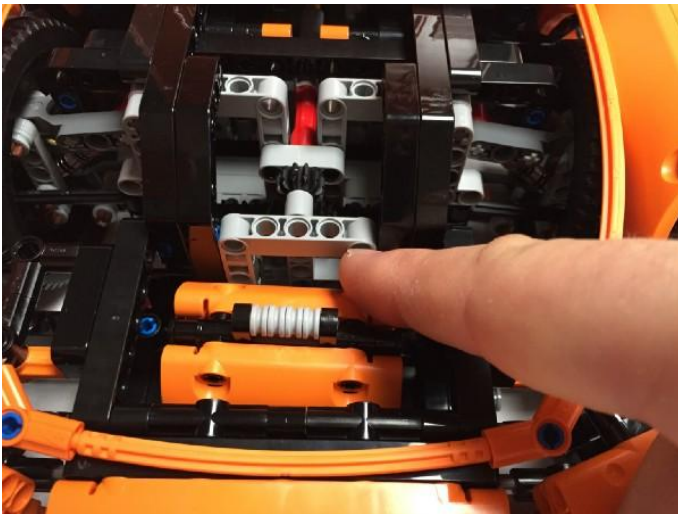
38. Open up the bonnet and grab the 8 Port Expansion Board and a couple of Adhesive Squares.



39

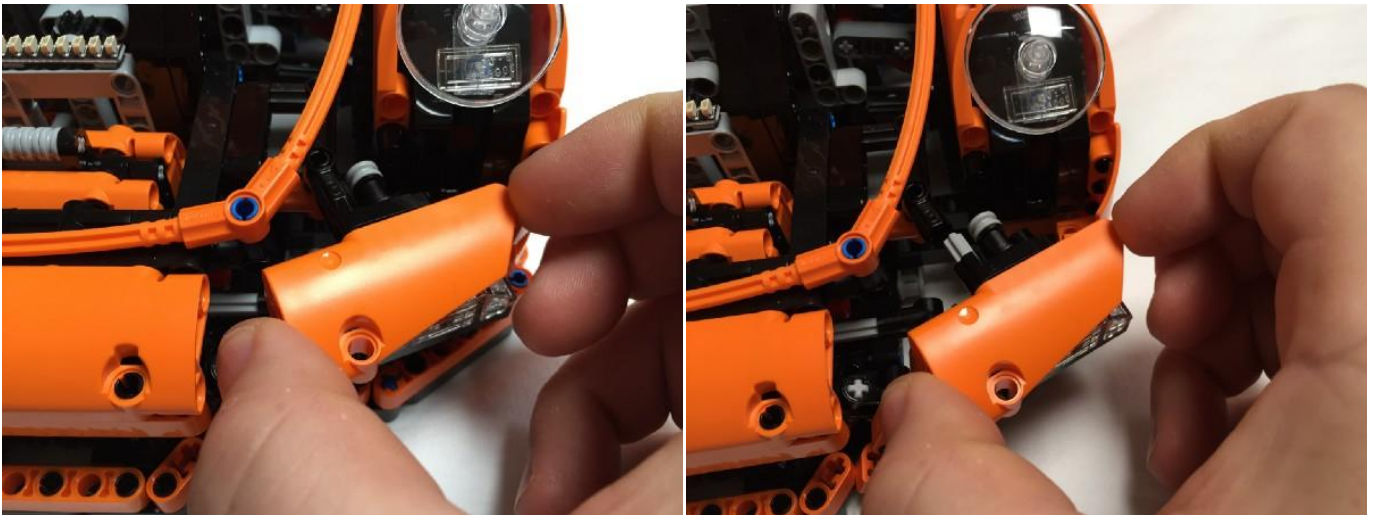


40. Turn the 8 Port Expansion Board face down, peel the two Adhesive Squares and stick them on to the 8 Port Expansion Board. Remove the top bits of paper to expose the other sticky side of the Adhesive Squares.

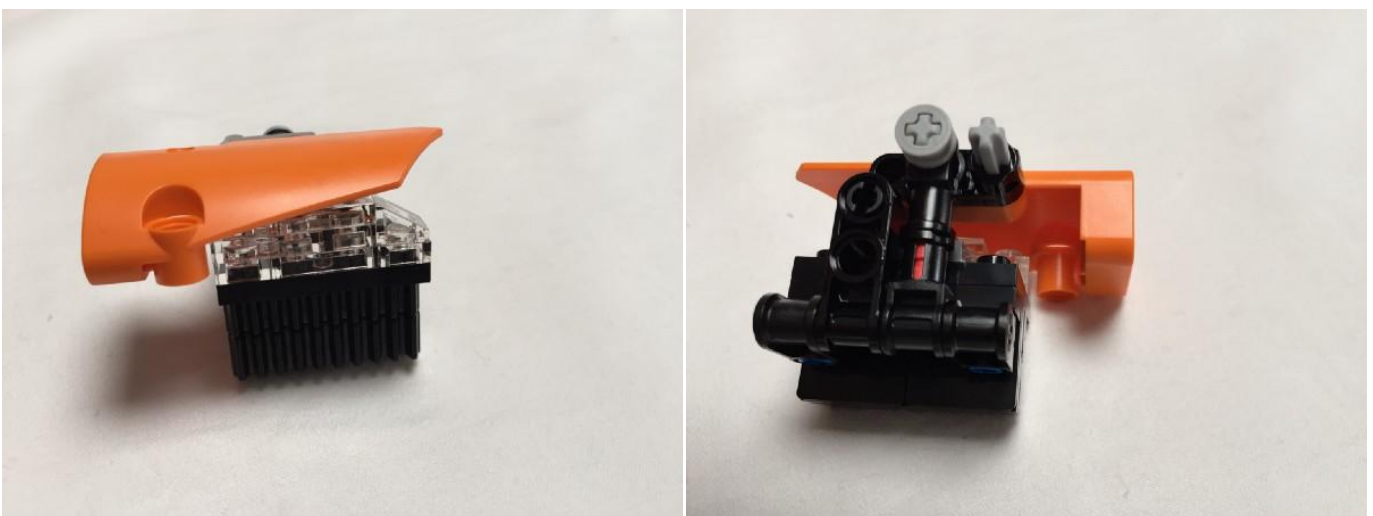


41.Mount the 8 Port Expansion Board on top of the rectangle technic piece as shown in the picture above.

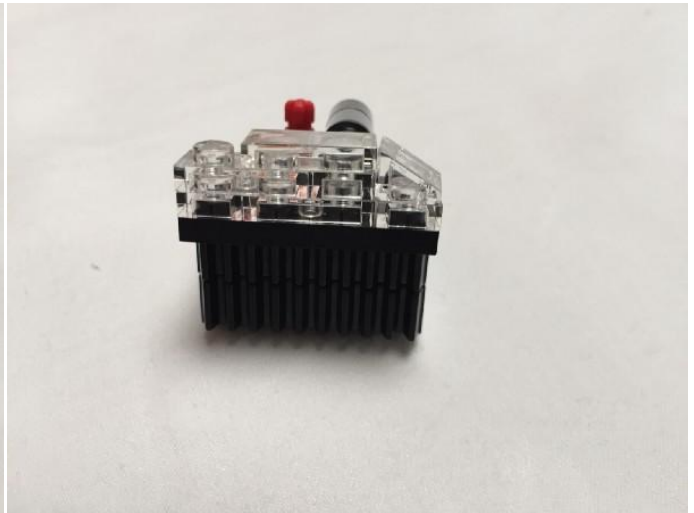
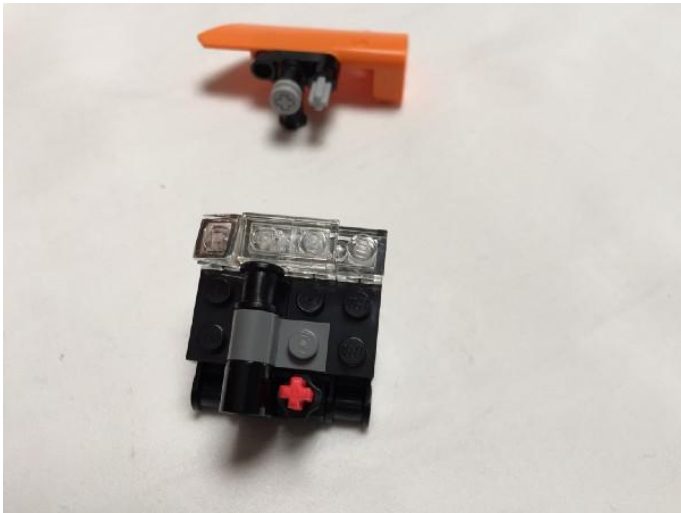
I will go through the steps for installing LEDs on the right hand side of the car. When finished, repeat the same steps for the left hand side of the car.



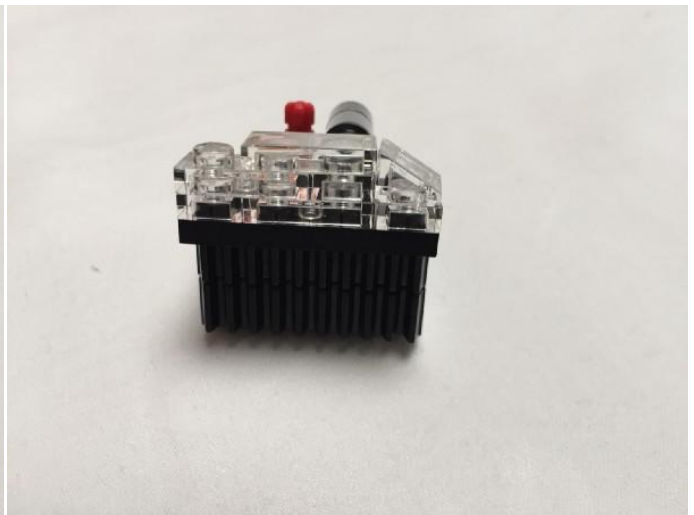
42.Pinch the orange technic fairing piece as seen on the picture above and remove it by pulling it towards you. Other pieces attached to this piece, including transparent plates and tiles, will come out with the technic fairing piece.



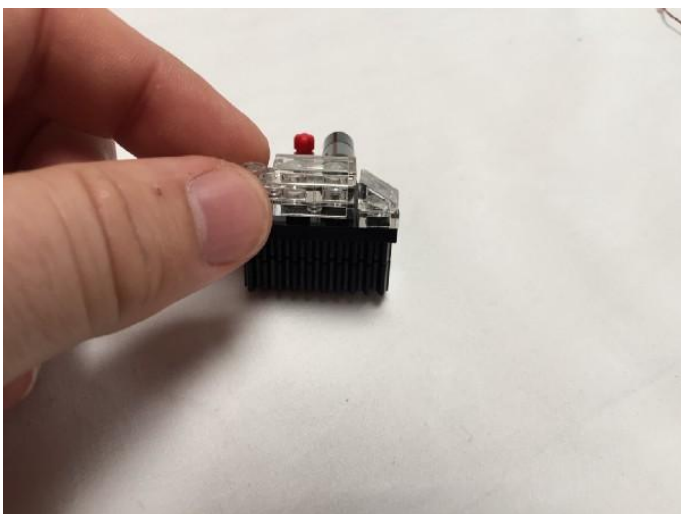
43



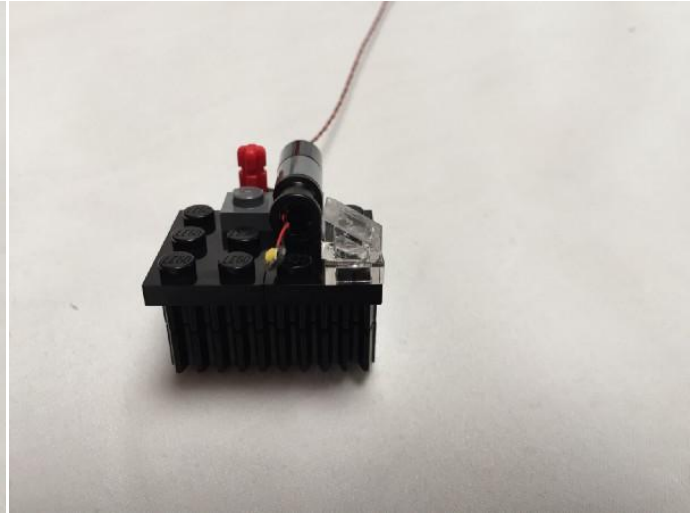
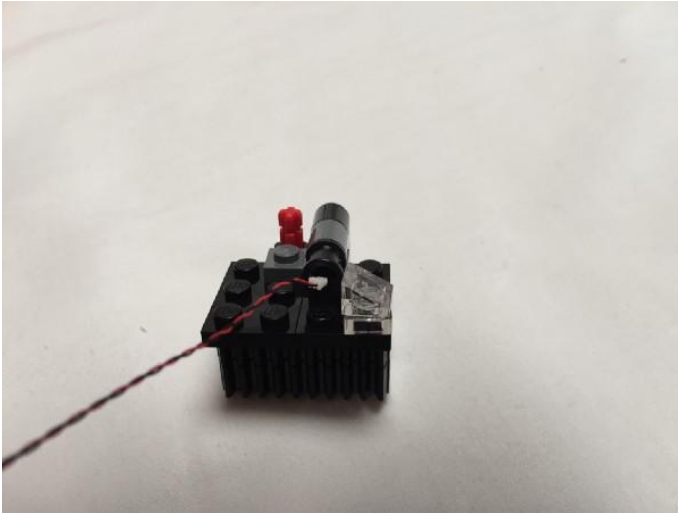
44. Detach the orange technic fairing piece from the other pieces.



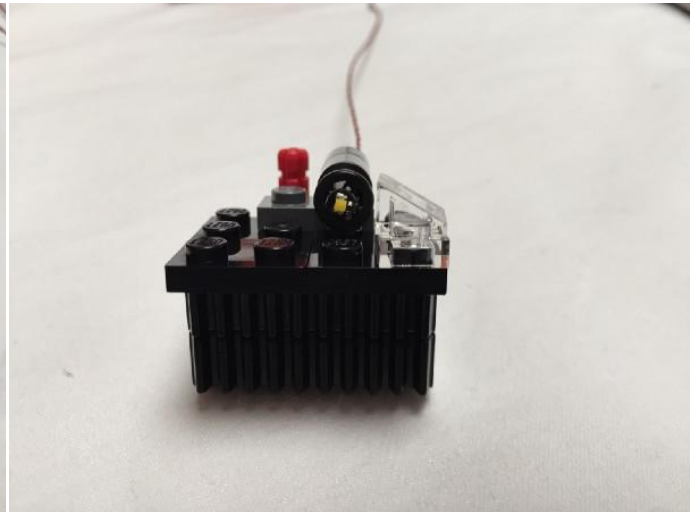
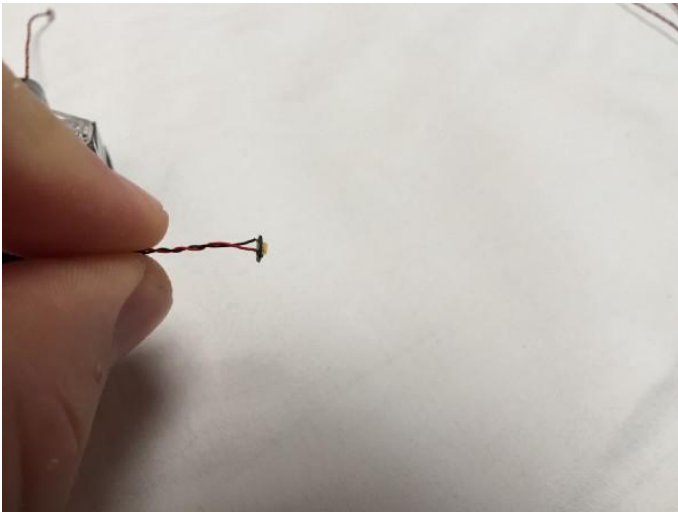
45



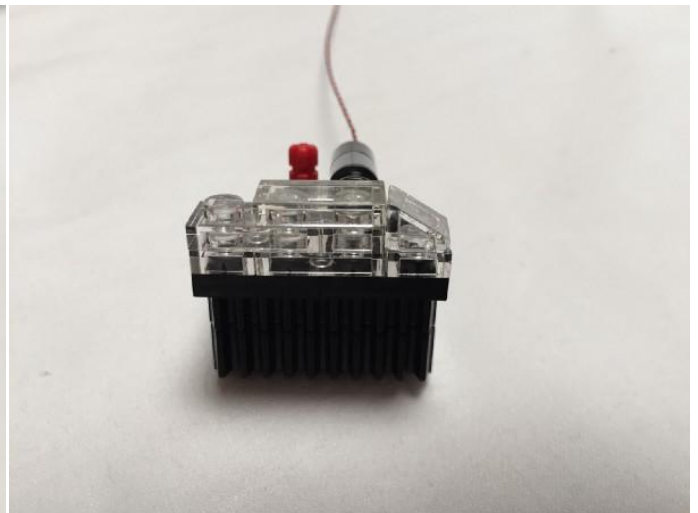
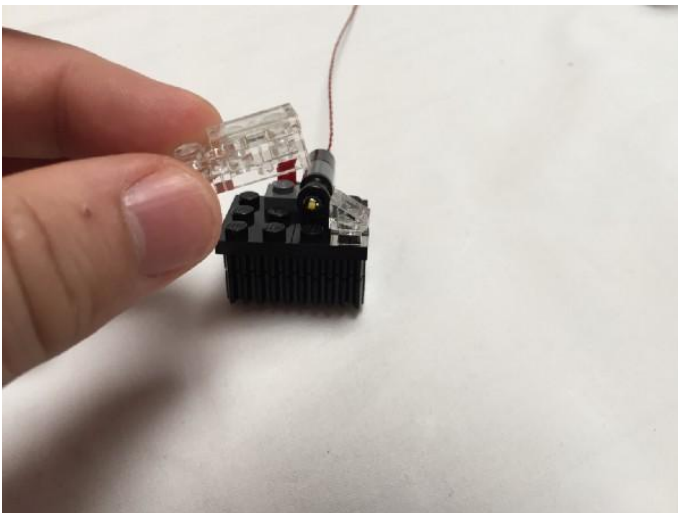
46



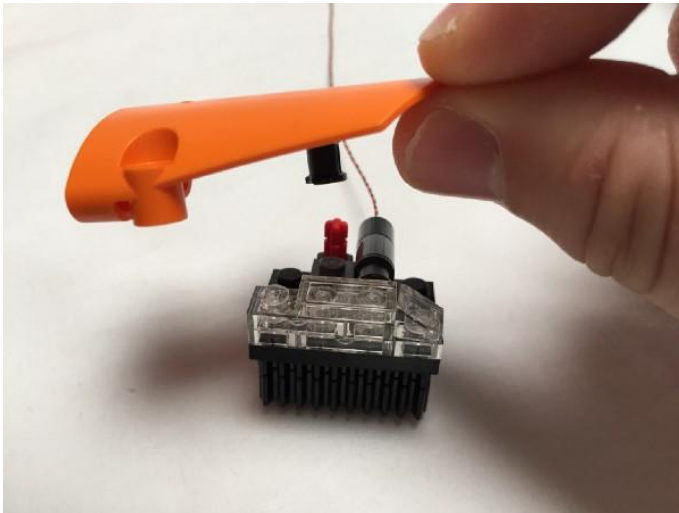
47. Grab a White 15cm Dot Light and feed it through the black technic pin with stop bush.



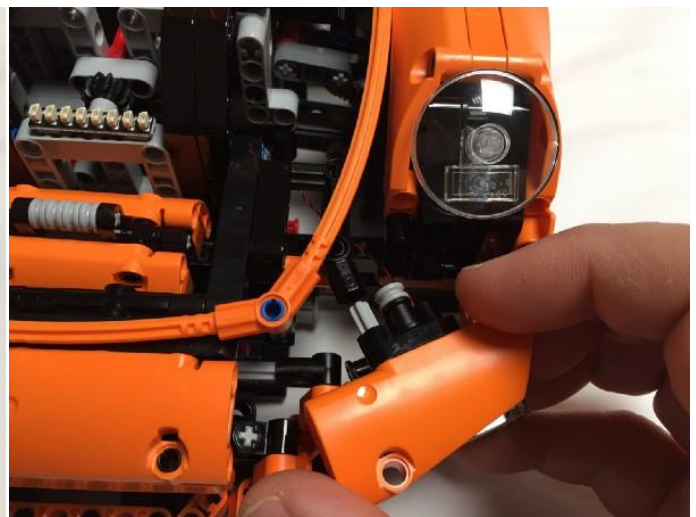
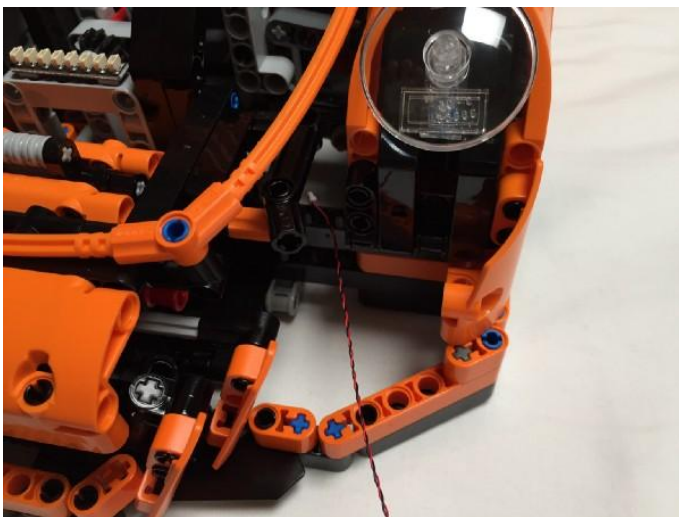
48. Gently bend the end of the Cool White 15cm Dot Light so that it will sit flat inside the black technic pin with stop bush.



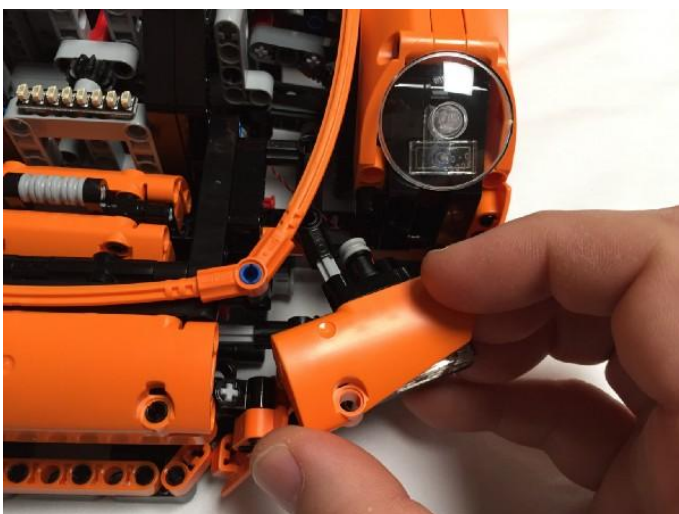
49.Reattach the transparent plates and tile.



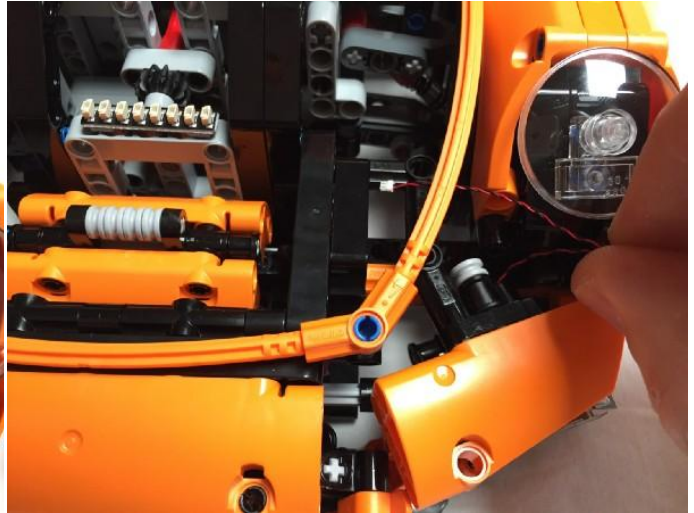
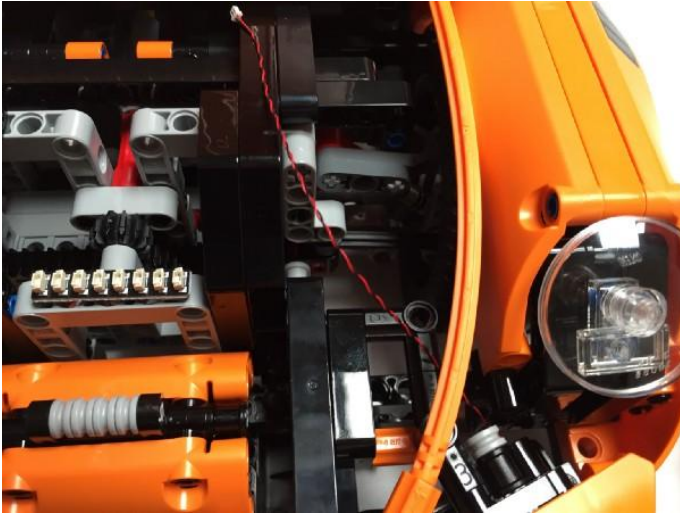
50.Reattach the orange technic fairing piece.



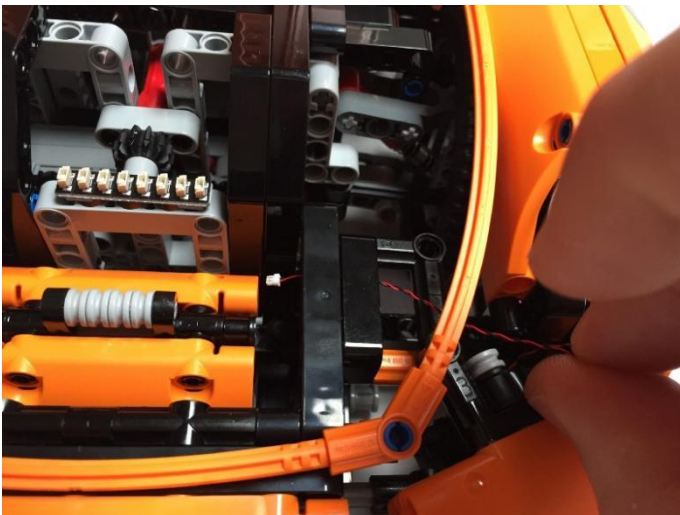
51.Run the plug end of the cable into the car first as you prepare to replace the orange technic fairing piece and attached pieces.



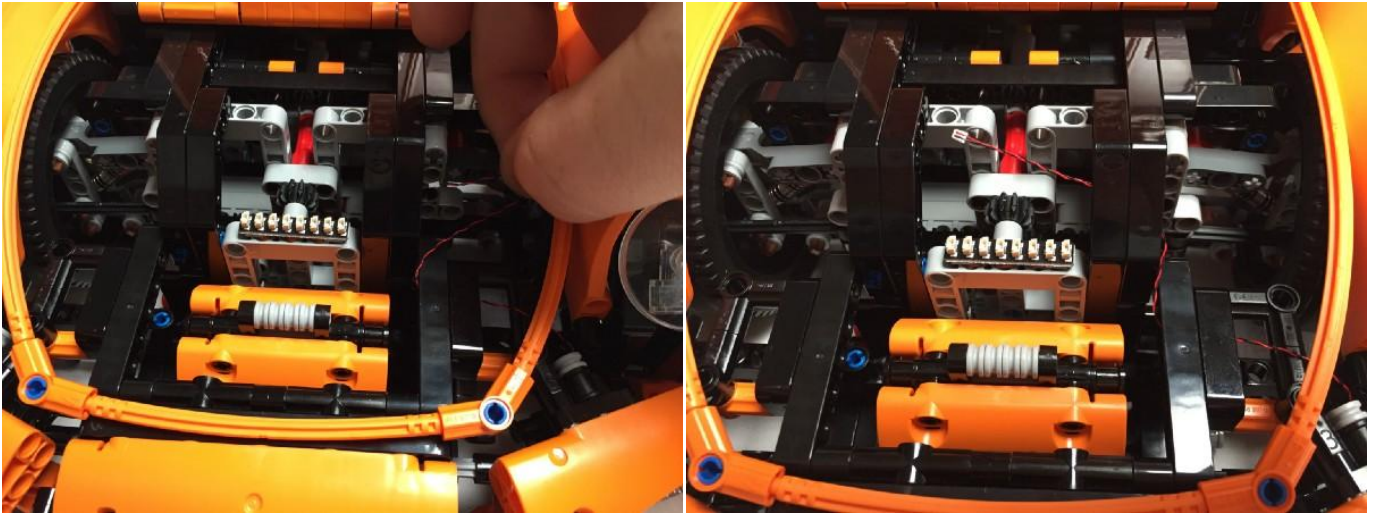
52. Reattach the orange technic fairing piece and attached pieces.



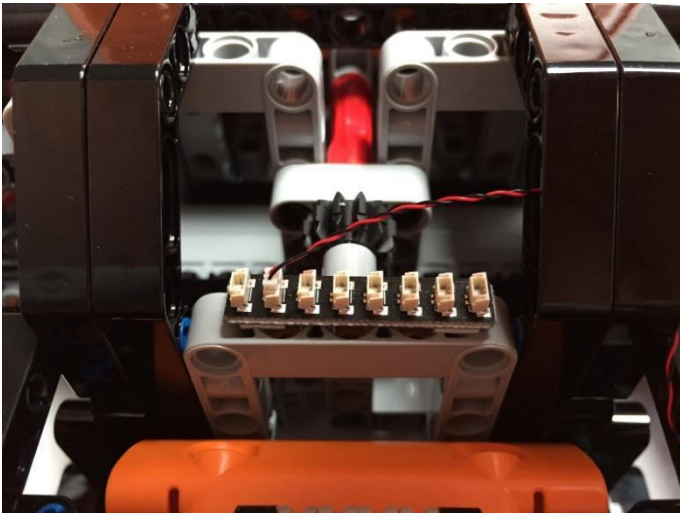
53



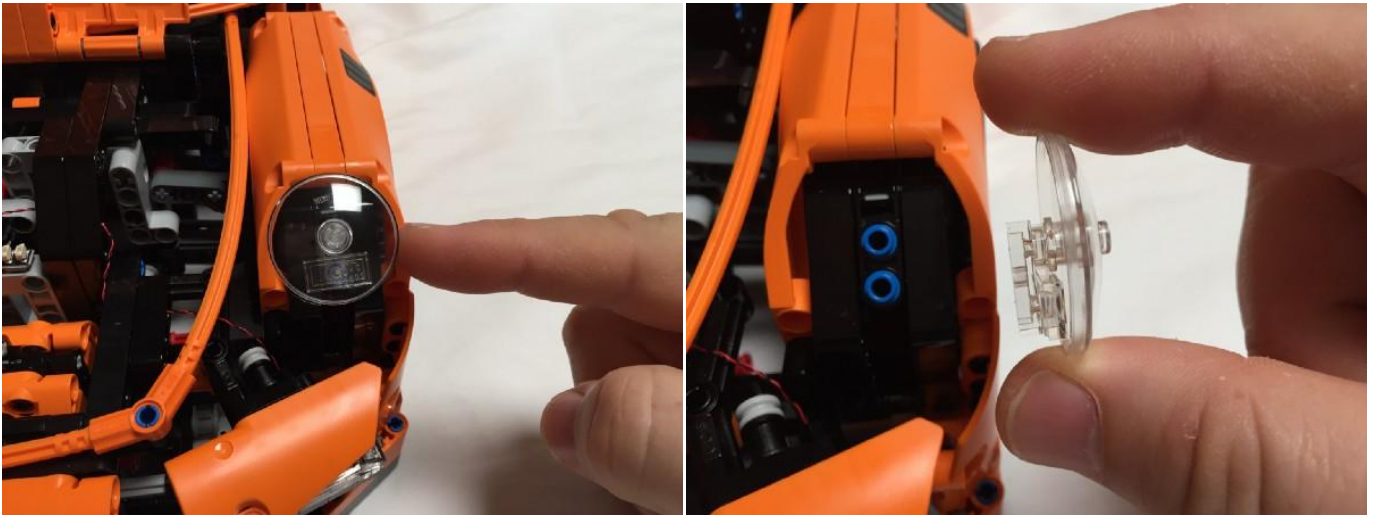
54. Grab the plug end of the Cool White 15cm Dot Light and feed it through available holes in the side of the black technic lift arms as seen in the picture above.



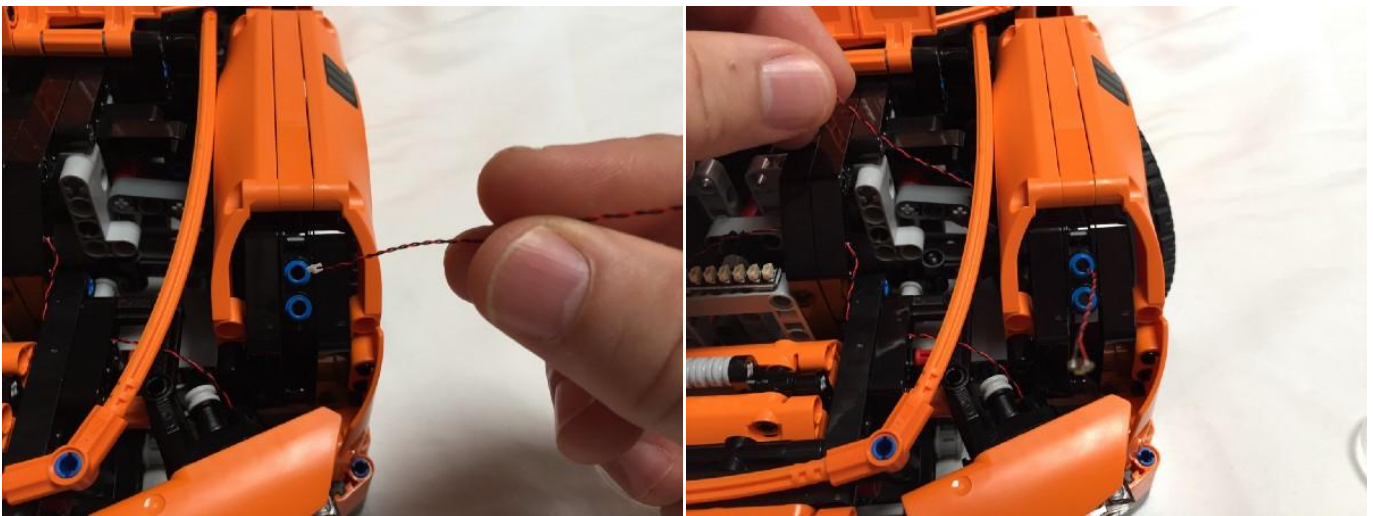
55. Now run the plug end of the Cool White 15cm Dot Light up and through the double size holes on the black technic lift arms near the 8 Port Expansion Board.



56. Plug the Cool White 15cm Dot Light into and available port on the 8 Port Expansion Board.

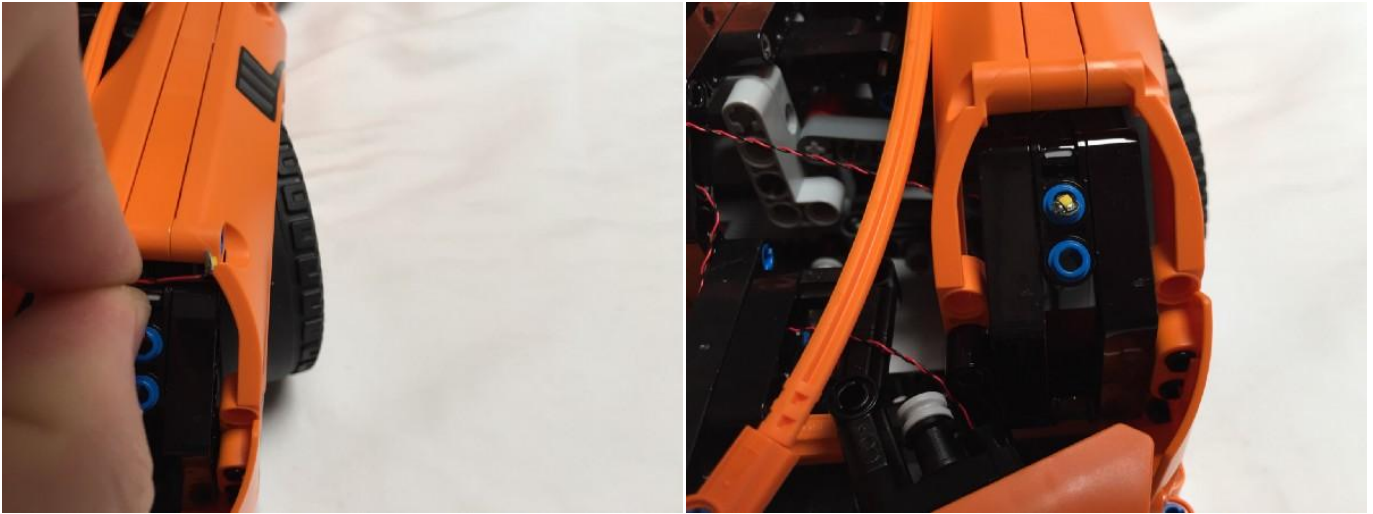


57. Remove the transparent headlight piece. The other transparent pieces under it should come off as well, but if they don't, remove them also.



58. There are two blue technic 1/2 pins now visible.

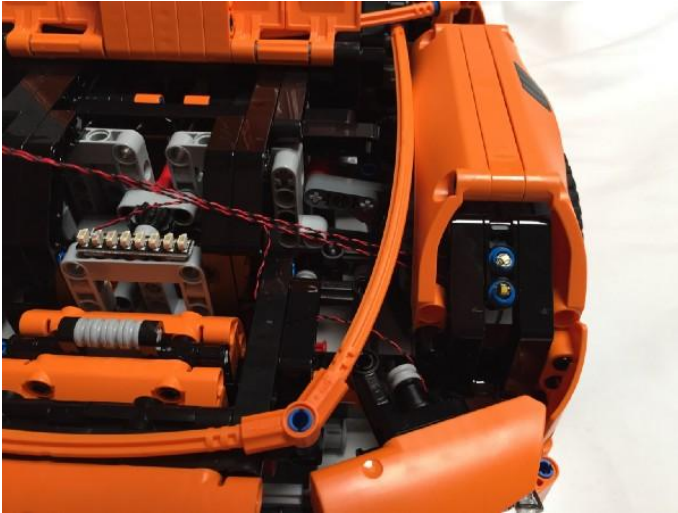
Grab a White 15cm Dot Light and feed the plug end through the top blue technic 1/2 pin piece.



59. Carefully bend the end of the LED element so that it will sit flat on top of the blue technic 1/2 pin when it is pulled through.



60



61. Grab another Cool White 15cm Dot Light and feed it through the bottom blue technic 1/2 pin.

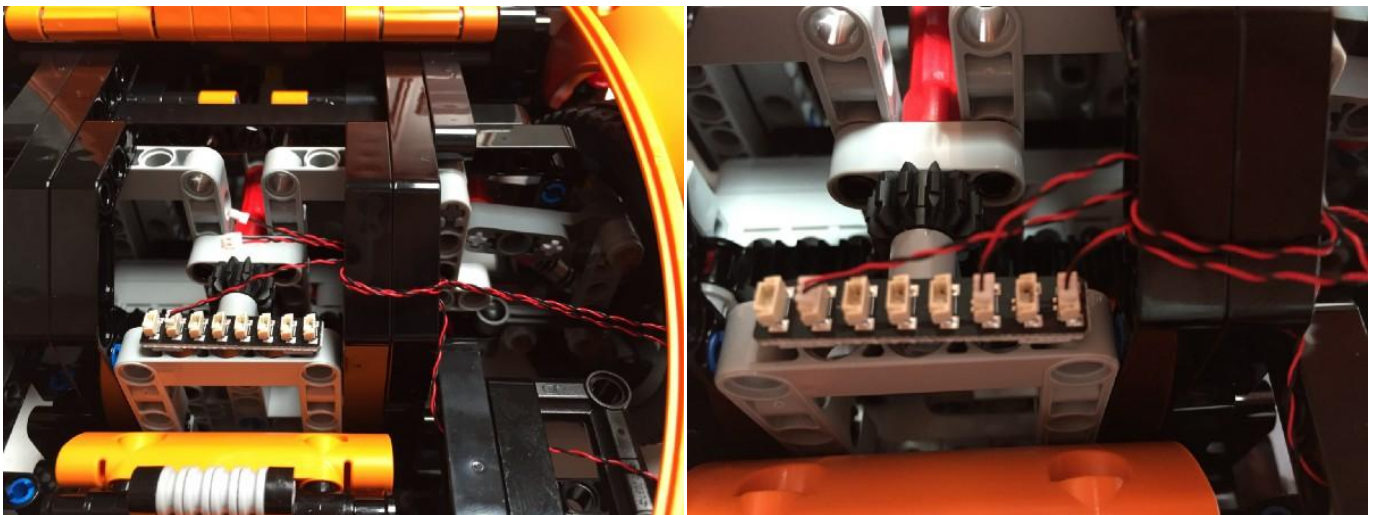
Carefully bend the end of the LED element so that it will sit flat on top of the blue technic 1/2 pin when it is pulled through.



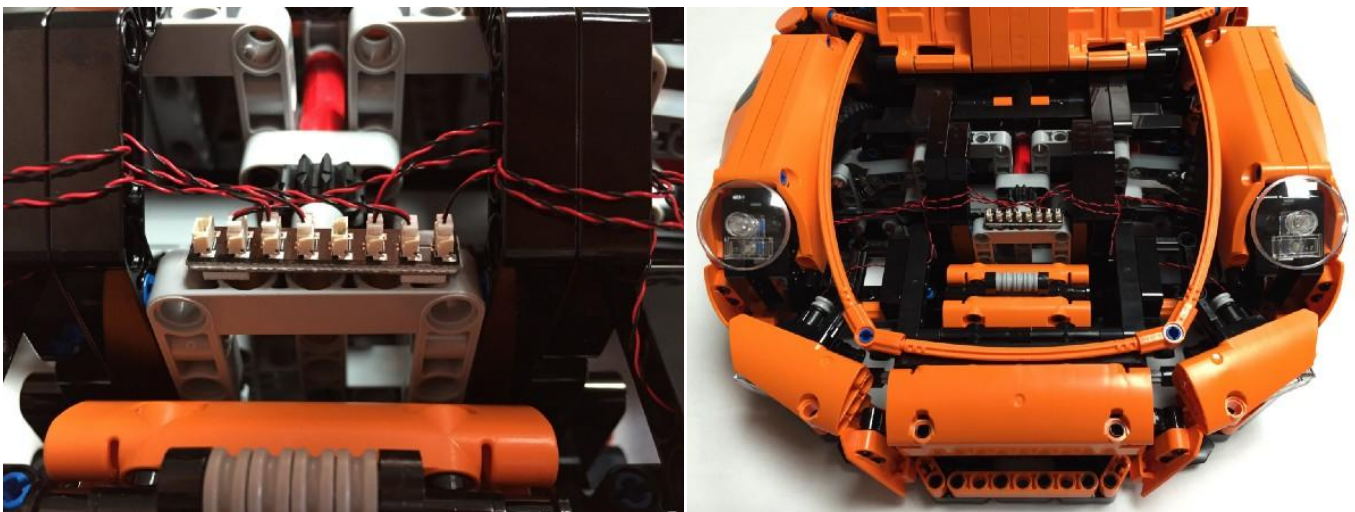
62



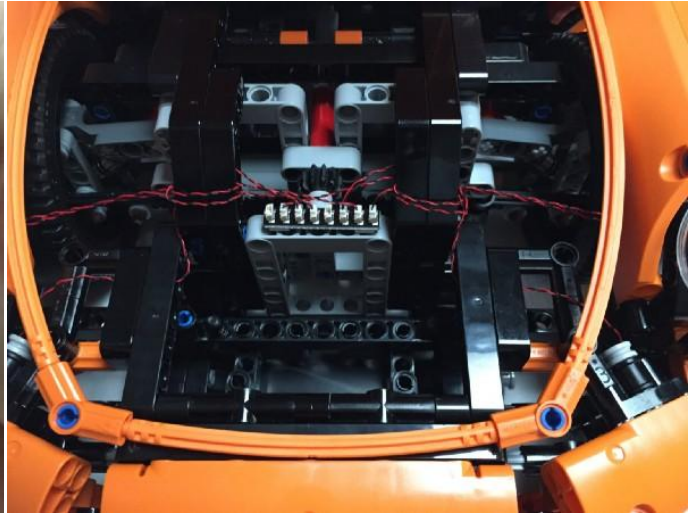
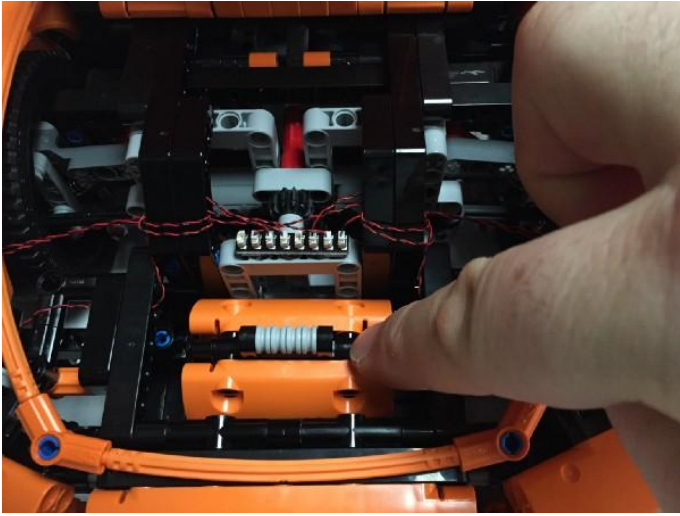
63.Run the plug ends of the Cool White 15cm Dot Lights we just installed up and through the double size holes on the black technic liftarms near the 8 Port Expansion Board.



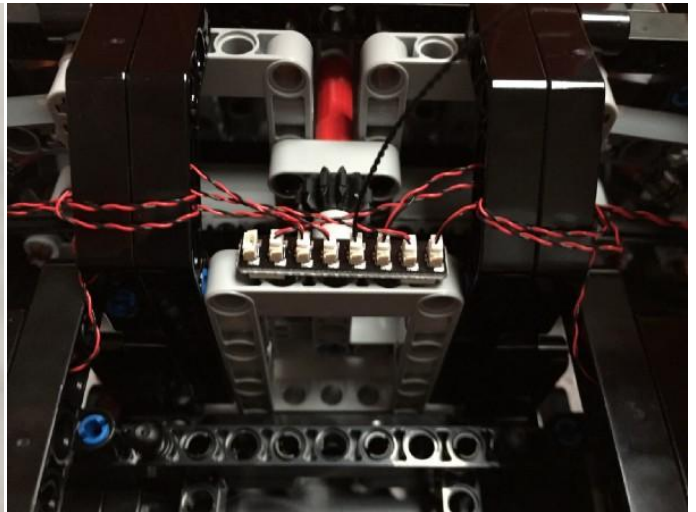
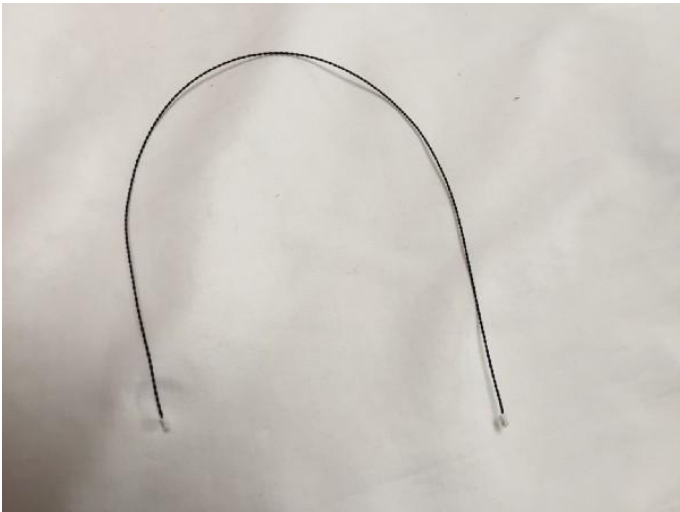
64



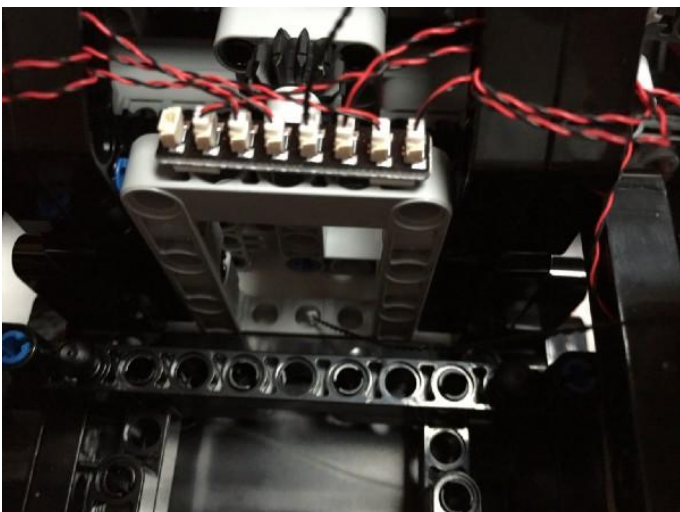
65.When both sides are wired up, your boot will look something like the pictures above.



66.Remove the stylish Porsche suitcase.

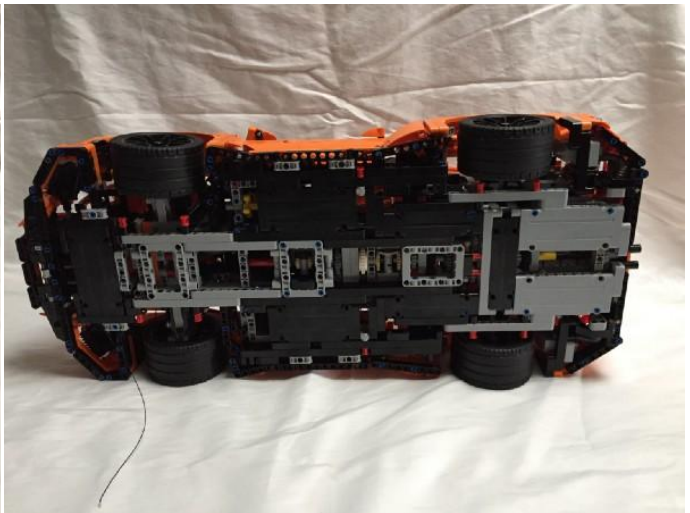


67.Grab the 30cm Extension Cable and plug it in to an available port on the 8 Port Expansion Board.

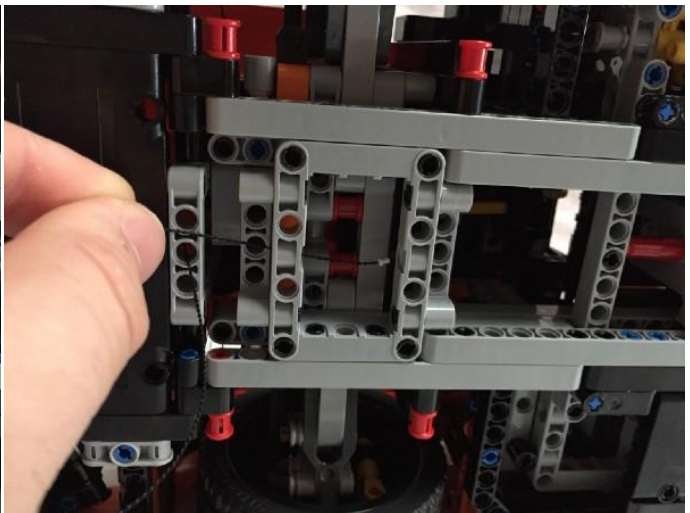
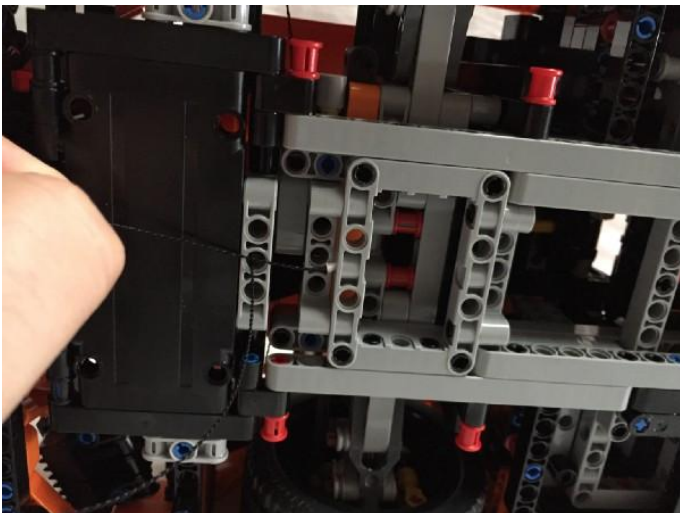


68. Feed the other end of the 30cm Extension Cable through the centre hole in the bottom of the same rectangle technic piece that the 8 Port Expansion Board is attached to.

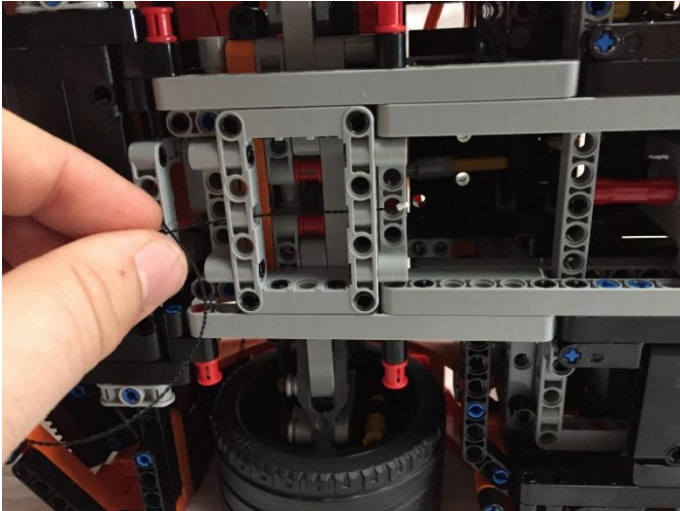
Look for the cable coming through to the bottom of the car. Gently pull it through.



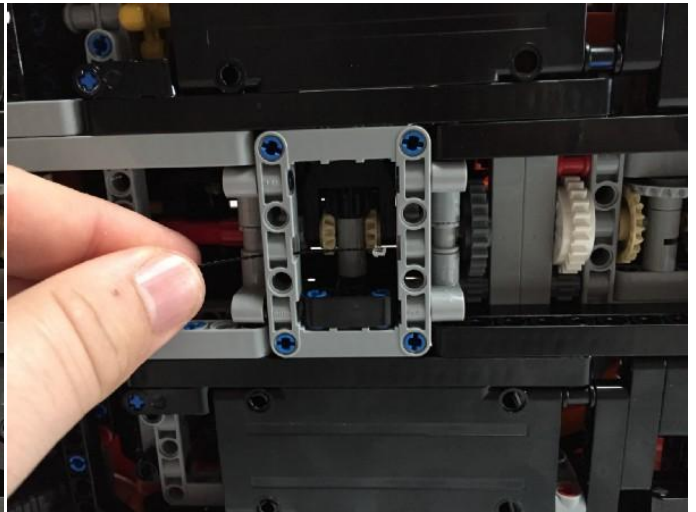
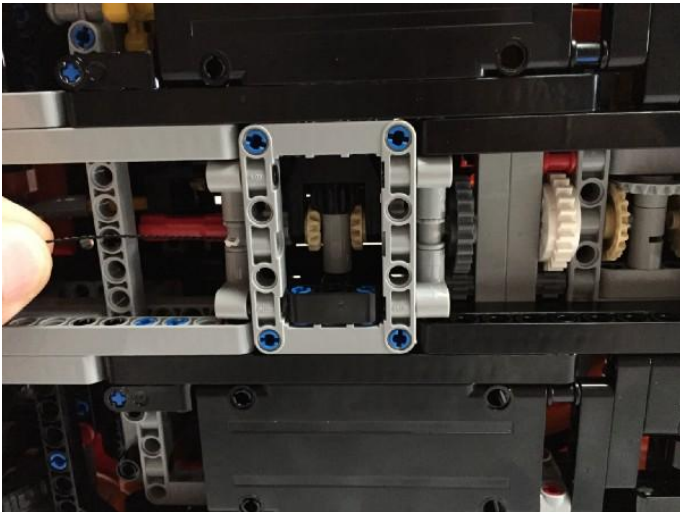
69. Lie the car on its side so you can access the bottom of it.



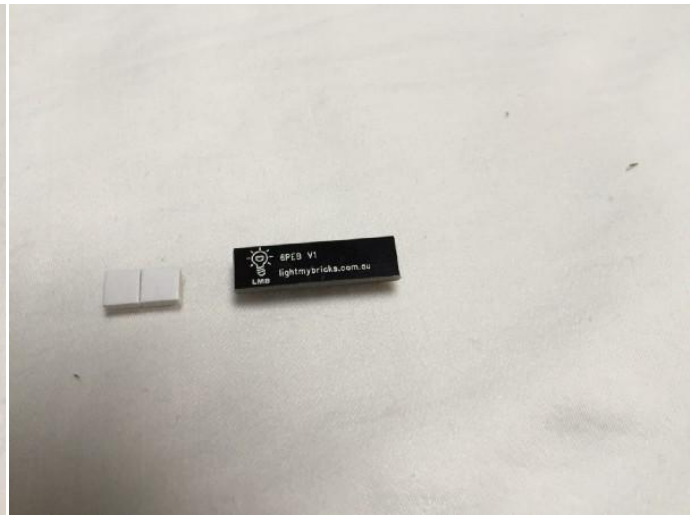
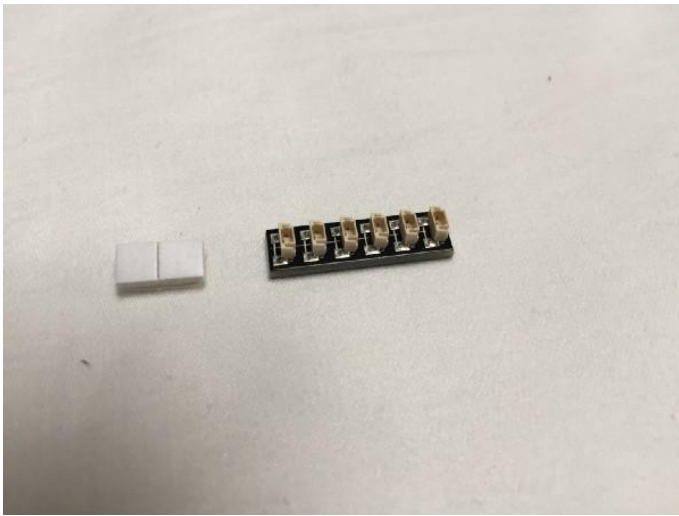
70



71. Feed the 30cm Extension Cable through available centre holes in the rectangle technic piece near where the cable has come down.

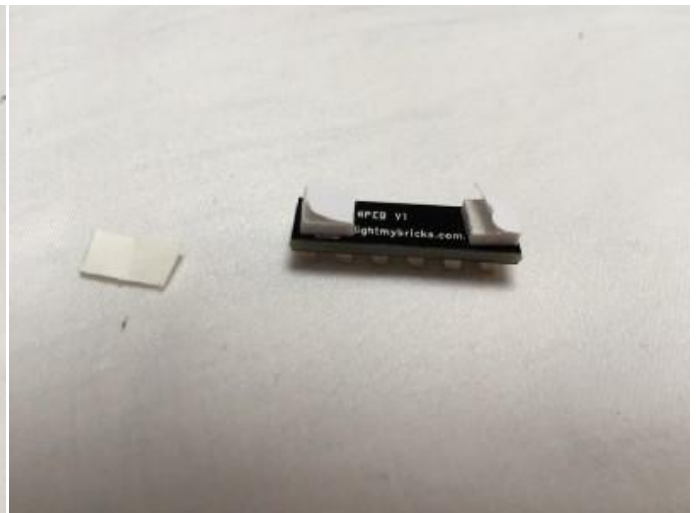
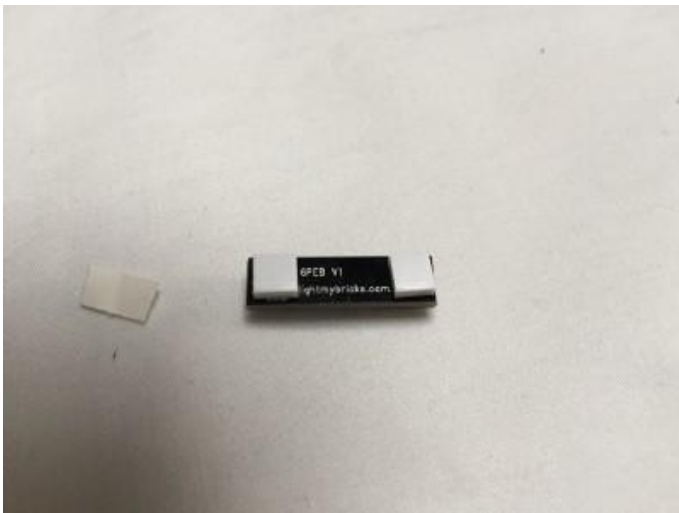


72. Pull the 30cm Extension Cable through and feed it through the available centre holes in the rectangle technic piece that is roughly in the centre of the car.

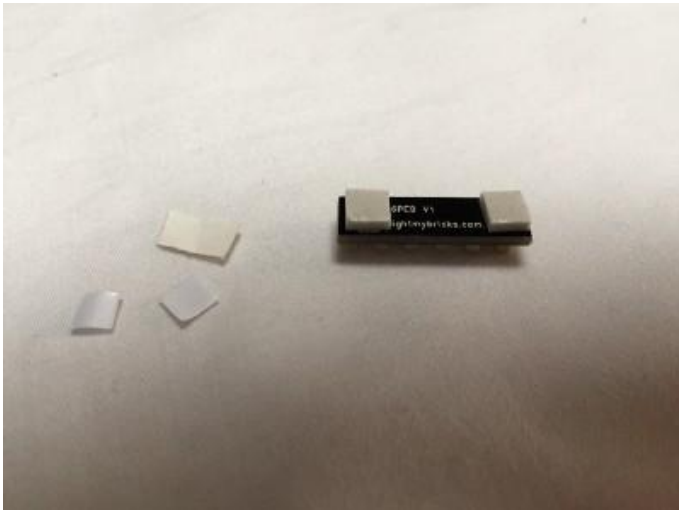


73. Grab the 6 Port Expansion Board and a couple of Adhesive Squares.

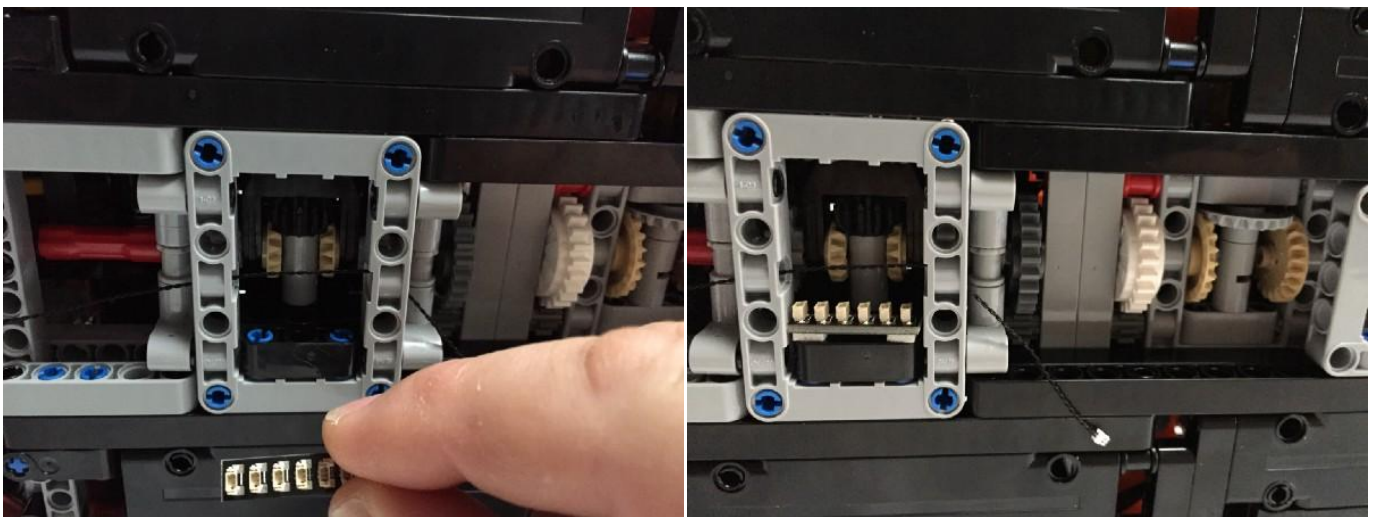
Turn the 6 Port Expansion Board face down.



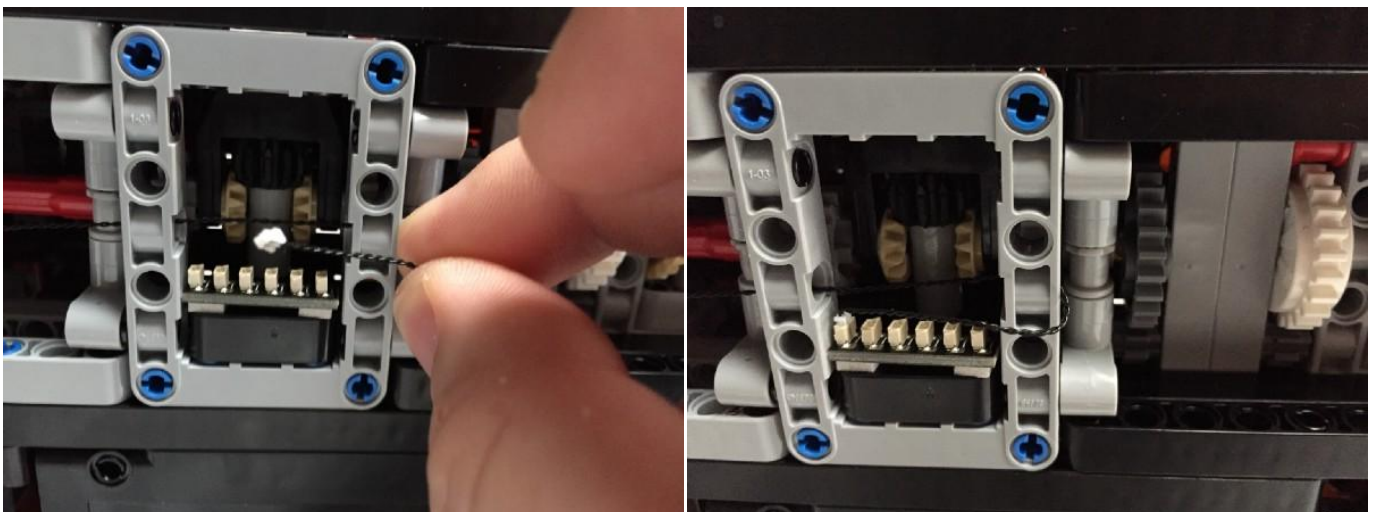
74



75



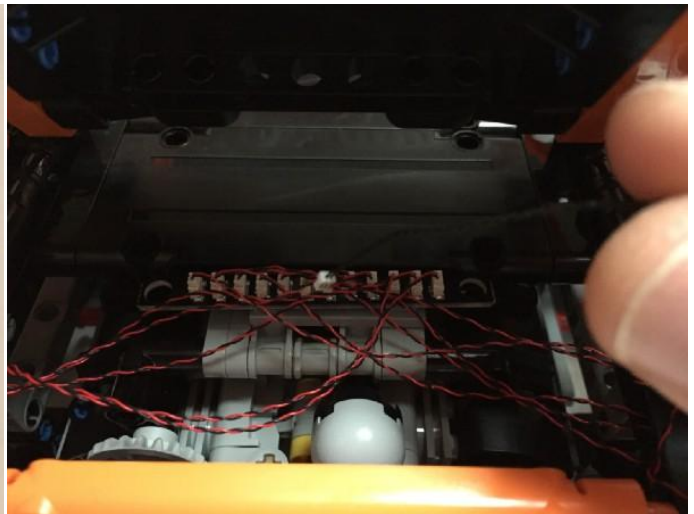
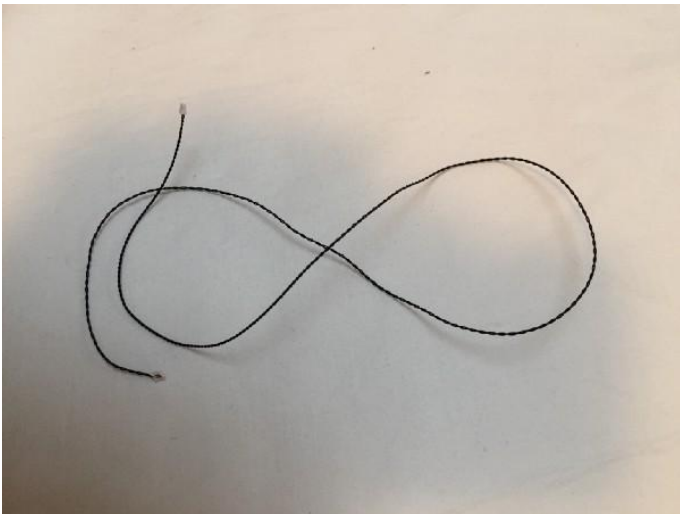
76. Stick the 6 Port Expansion Board on to the side of the 1 x 3 black technic liftarm, which is inside the rectangle technic piece that is roughly in the centre of the car.



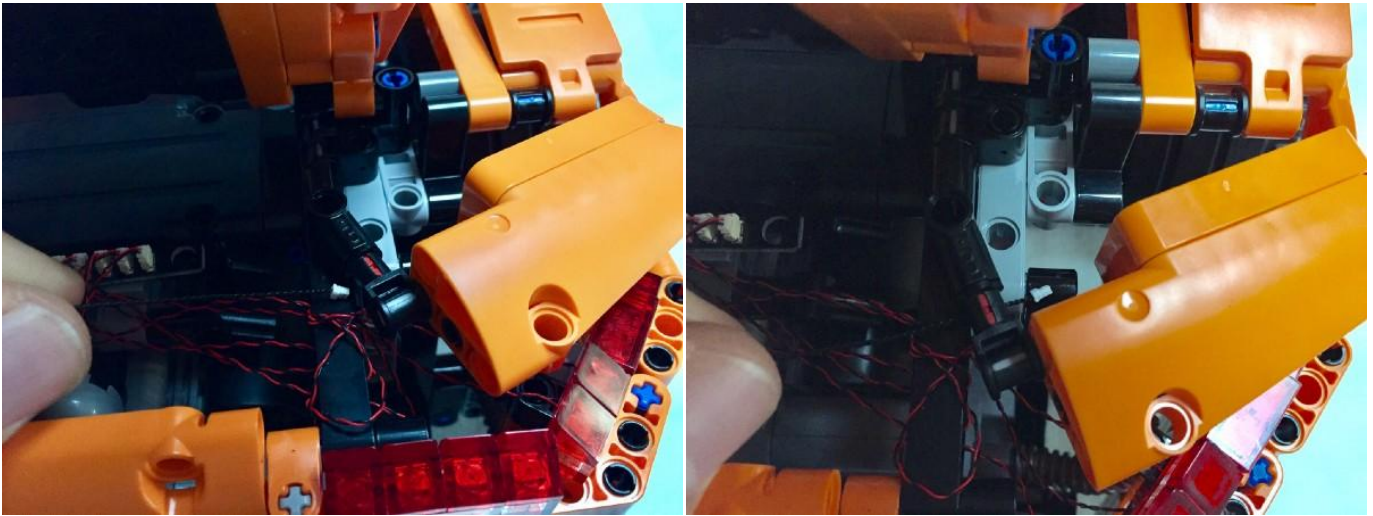
77. Grab the 30cm Extension Cable and plug it into the best port on the 6 Port Expansion Board that leaves the least amount of slack in the cable.



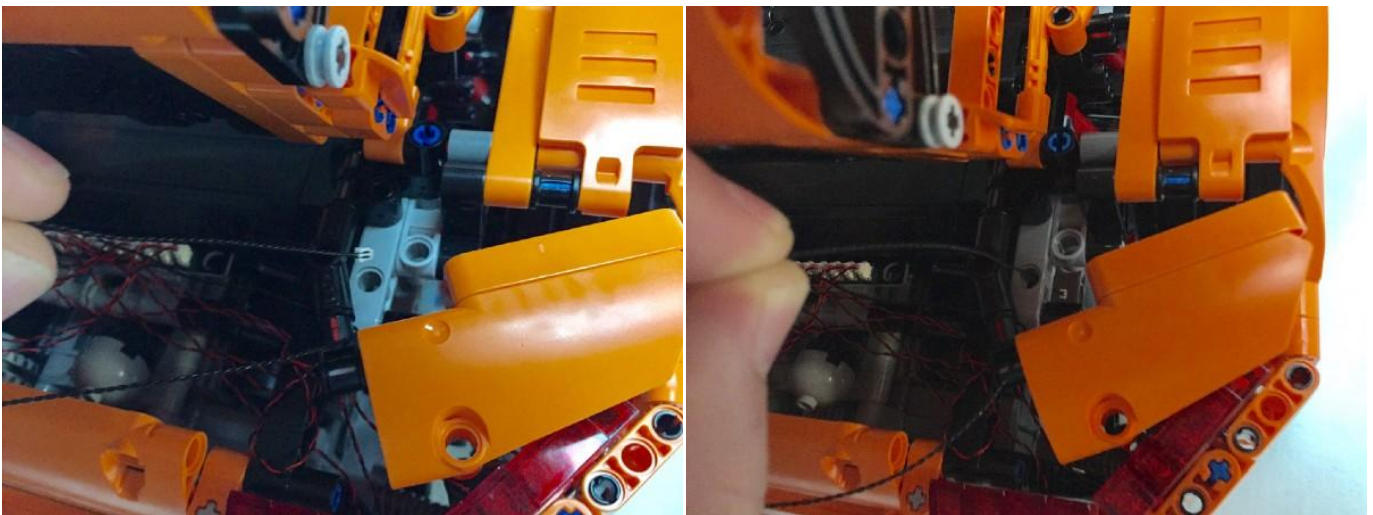
78. Sit the car upright again and move it around so you can access the boot.



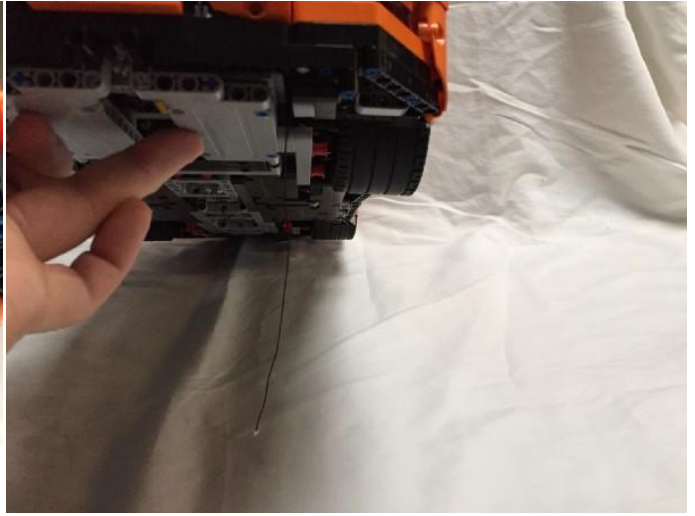
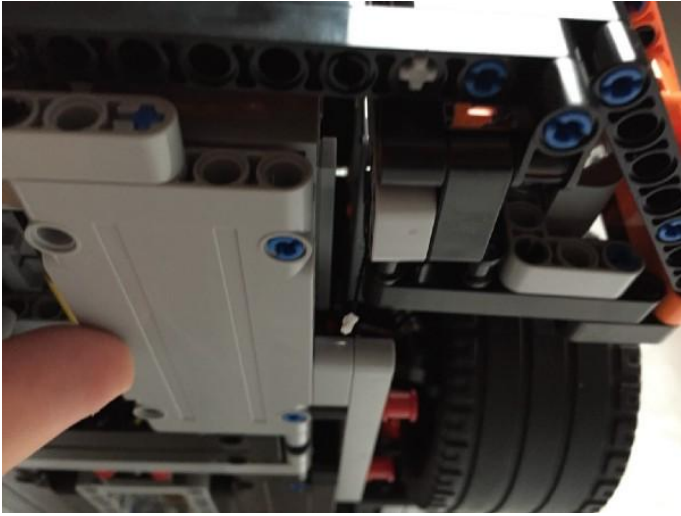
79.Open the boot, grab the 50cm Extension Cable and plug it into an available port on the 12 Port Expansion Board.



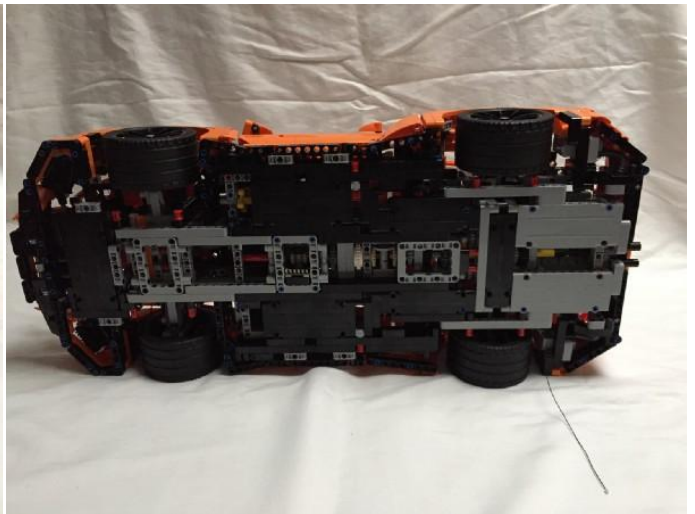
80.Feed the other end of the 50cm Extension Cable underneath the black technic pieces that are joined with the red technic axle.



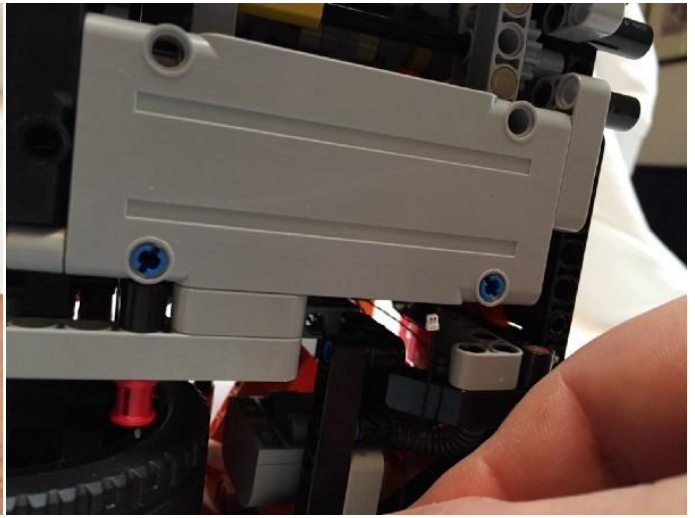
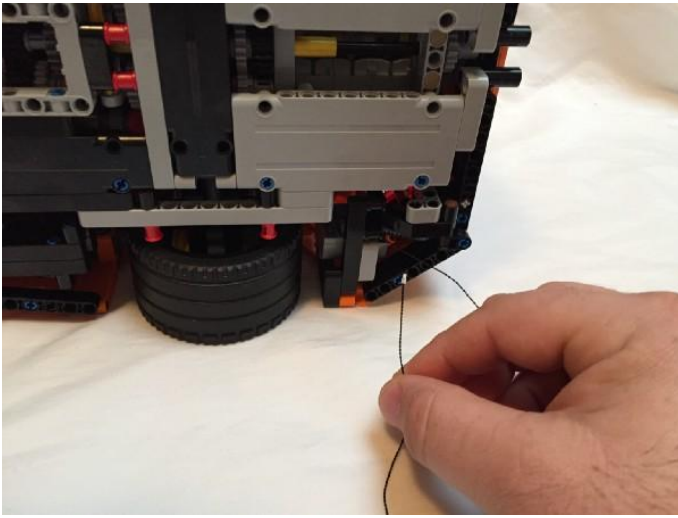
81. Pull the cable through and then feed it down through the hole in the side of the technic rectangle piece.



82. Keep feeding the cable through and as it comes out the bottom of the car, pull it through until you can feel a tiny bit of resistance from pulling.



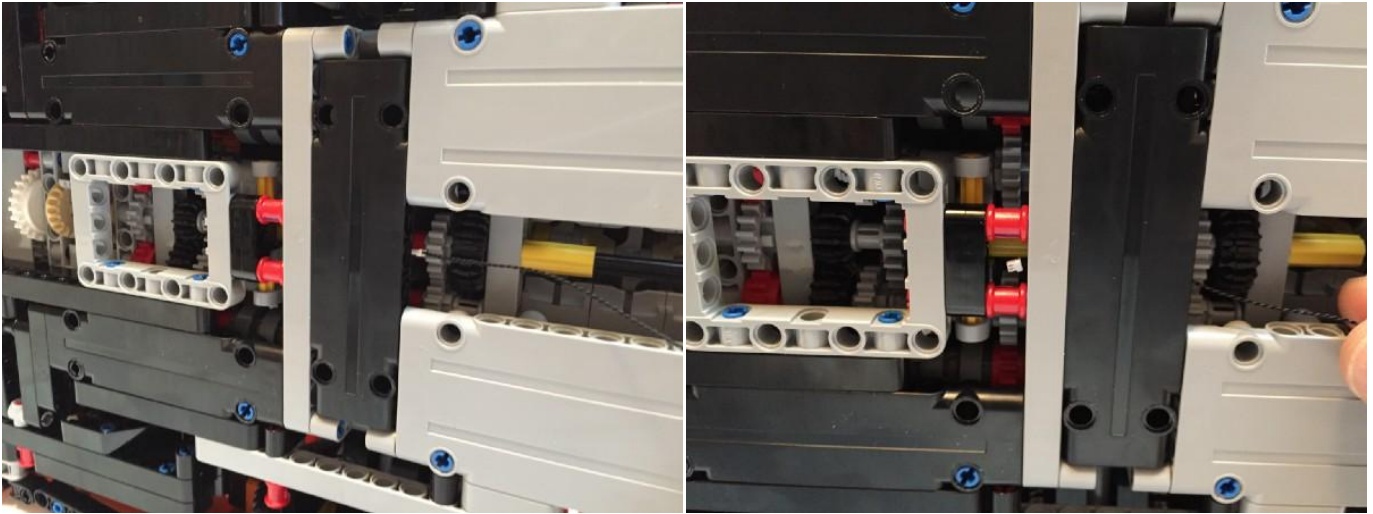
83.Close the boot and lie the car down so you can access underneath the car.



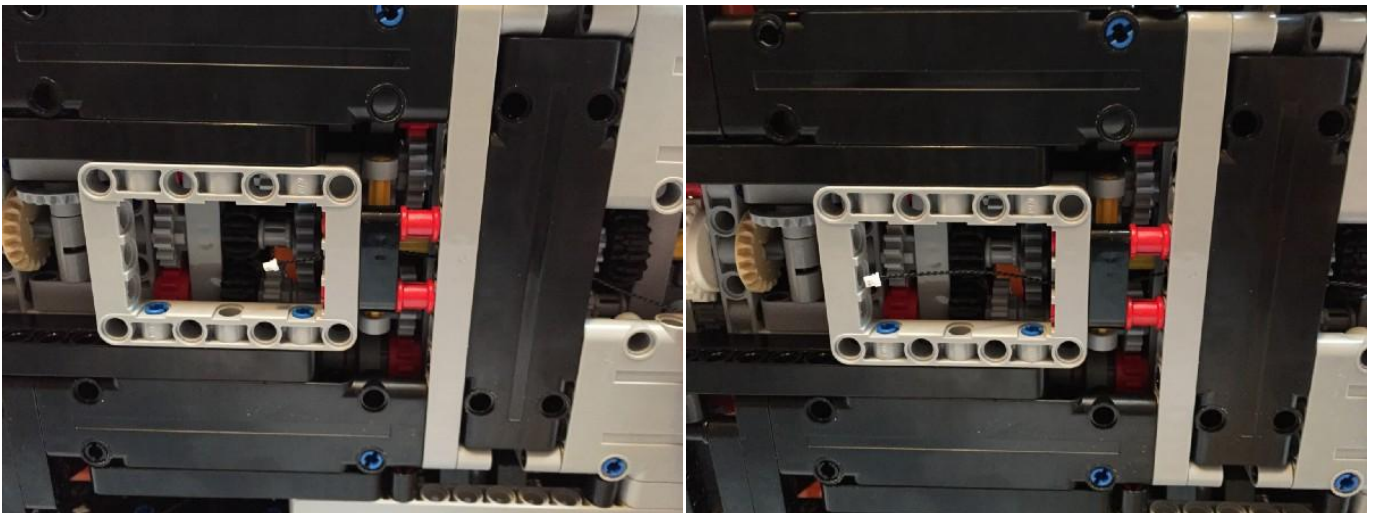
84



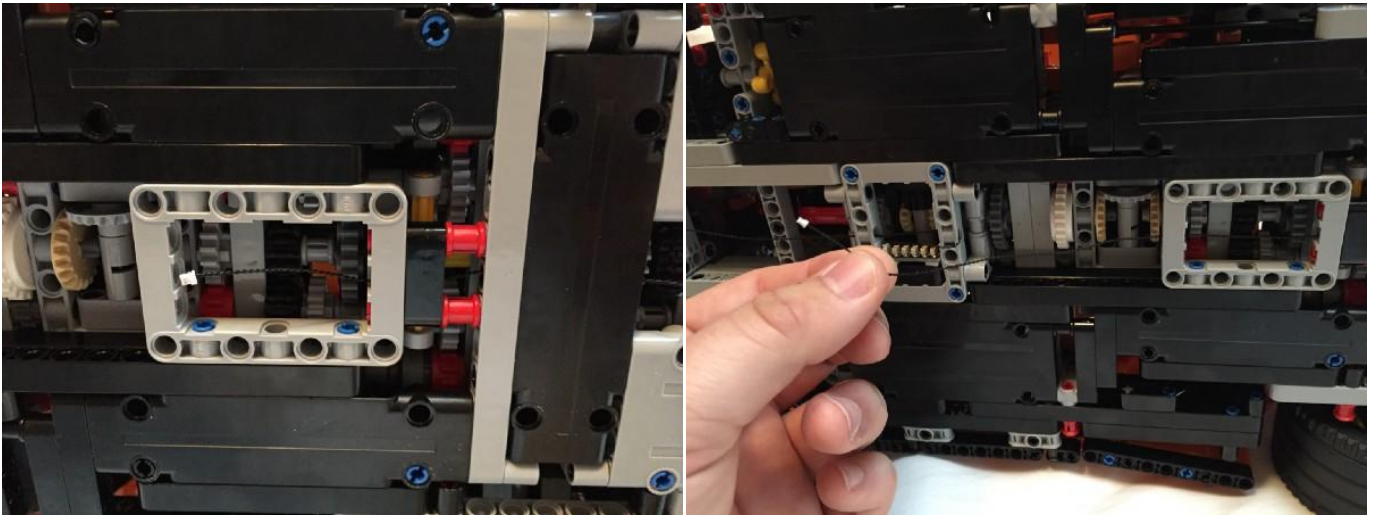
85. Grab the end of the 50cm Connecting Cable and feed it through the holes in the side of the technic panel plate. Run the cable from the outside of the technic panel plate towards the centre of the car.



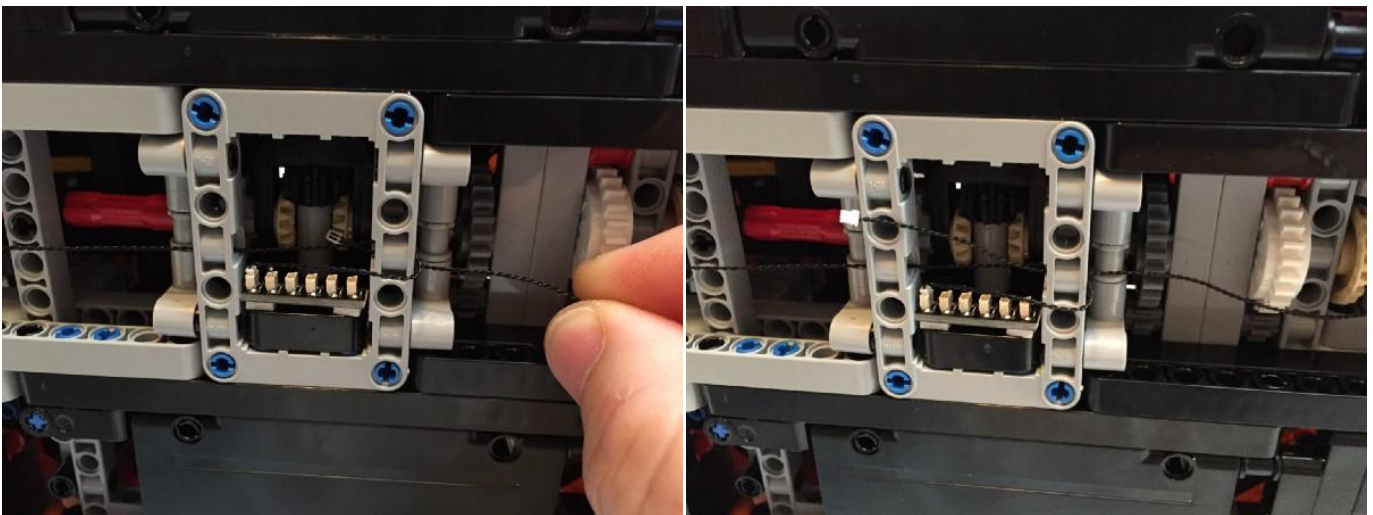
86. Now run the 50cm Connecting Cable towards the front of the car. Feed the cable through the side holes of the black technic panel plate.



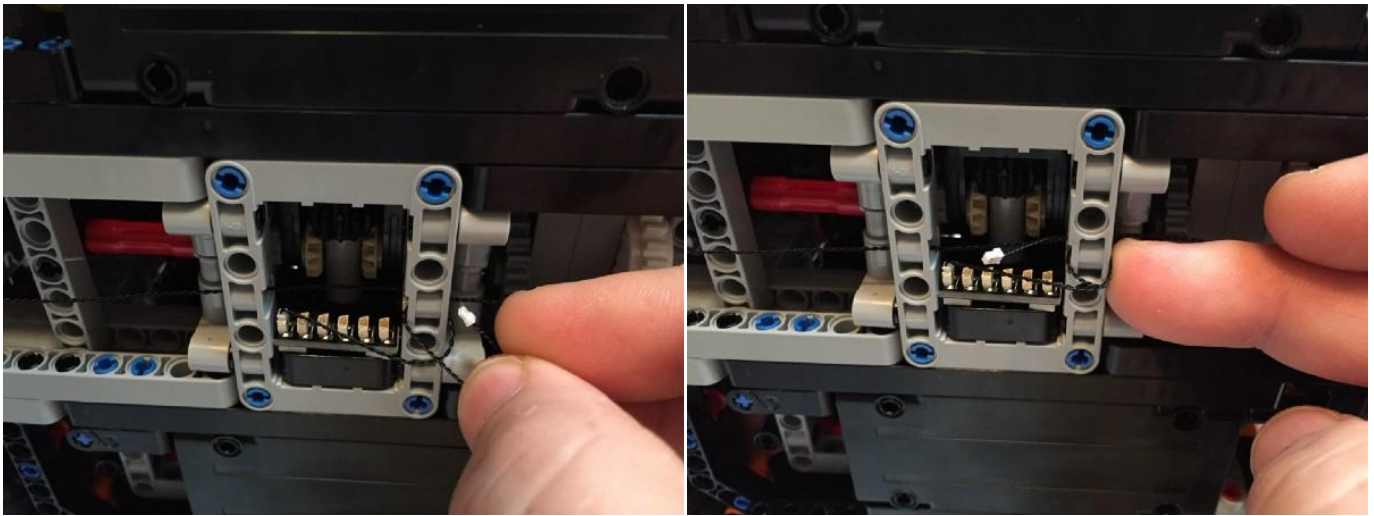
87. Continue to feed the 50cm Connecting Cable through the 1 x 3 black technic liftarm and into the technic rectangle piece.



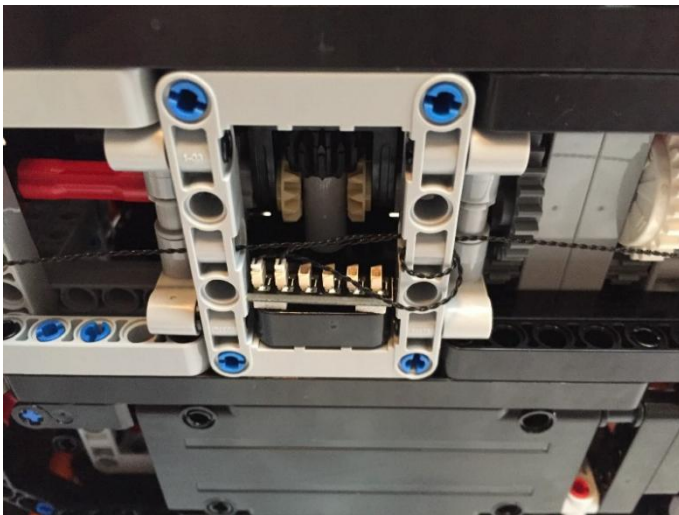
88. Pull the wire through and it should reach somewhere near the 6 Port Expansion Board.



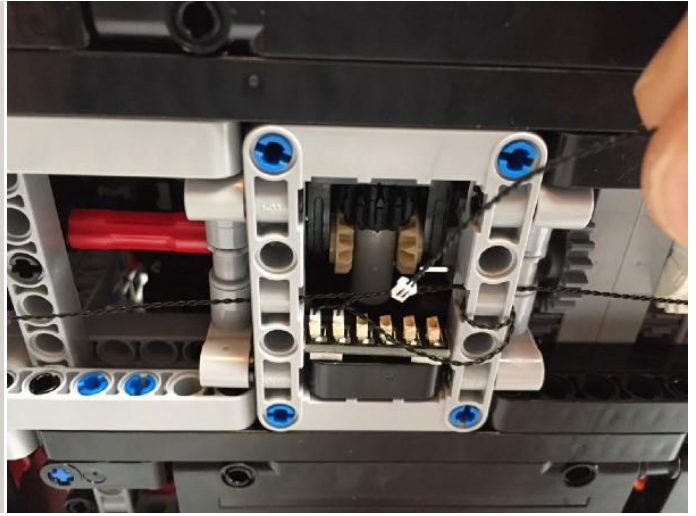
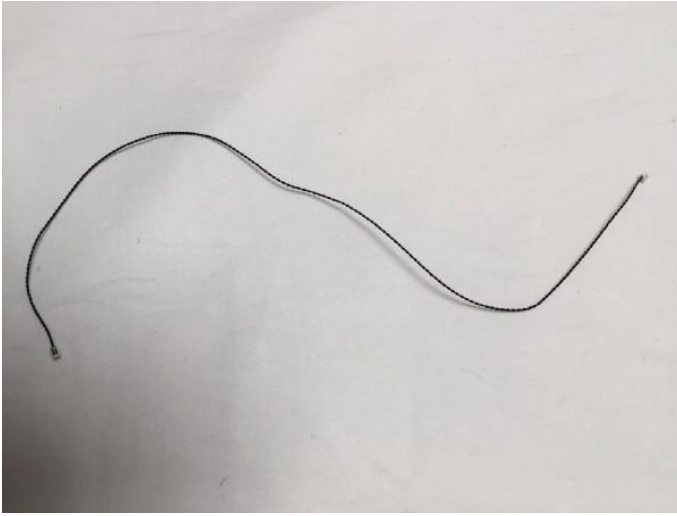
89.Feed the 50cm Connecting Cable through the centre hole in the side of the technic rectangle piece that has the 6 Port Expansion Board in it.



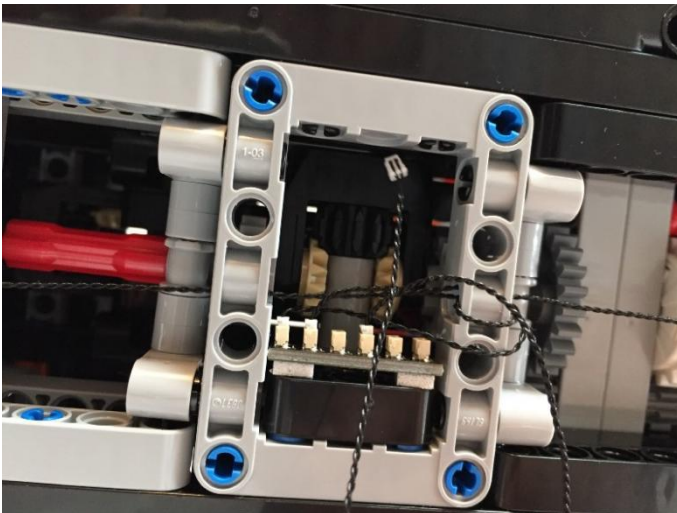
90.Depending how much excess cable you have, wrap the 50cm Connecting Cable around the technic rectangle piece and feed it through the centre hole again.



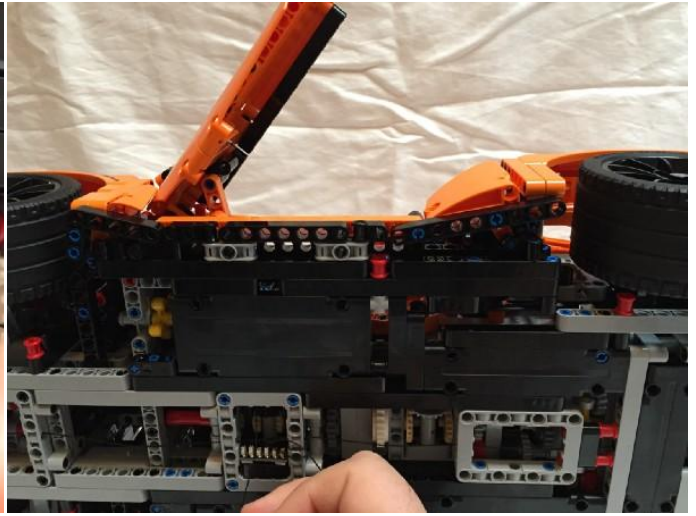
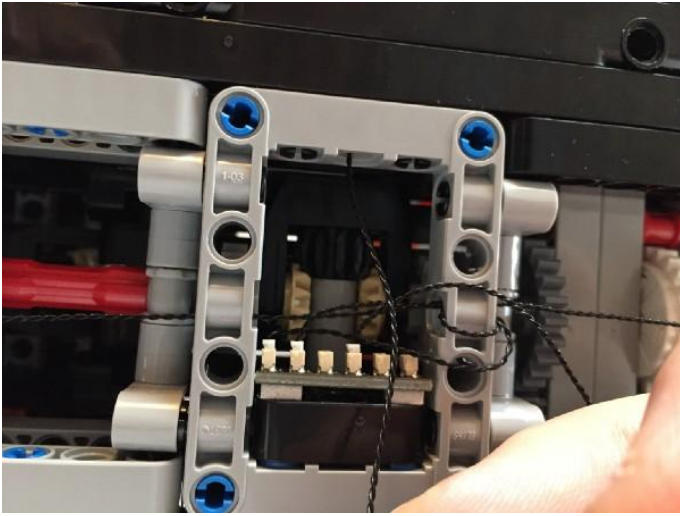
91. Plug the 50cm Connecting Cable into the 6 Port Expansion Board.



92. Grab the other 30cm Connecting Cable and connect it to an available port on the 6 Port Expansion Board.



93. Feed the 30cm Connecting Cable up through the available hole in the side of the technic rectangle piece. The cable runs vertically up and away from the 6 Port Expansion Board.

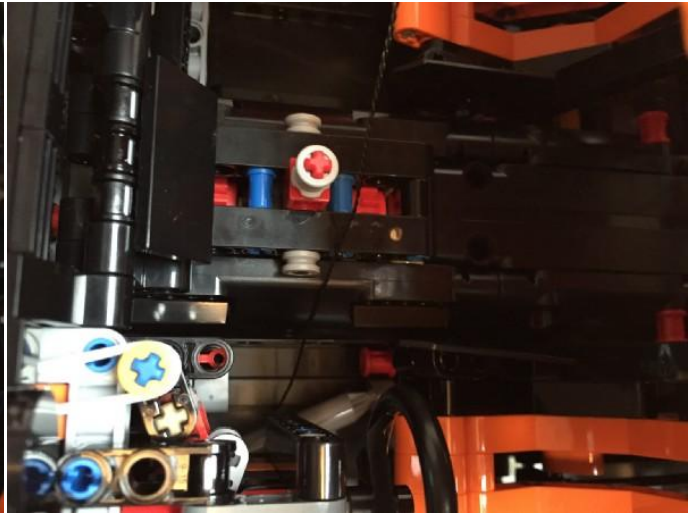
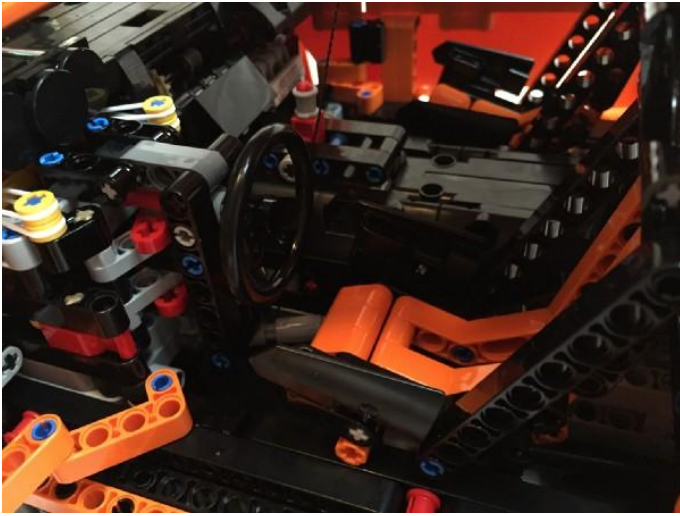


94



95. Set the car on its wheels again and open the door.

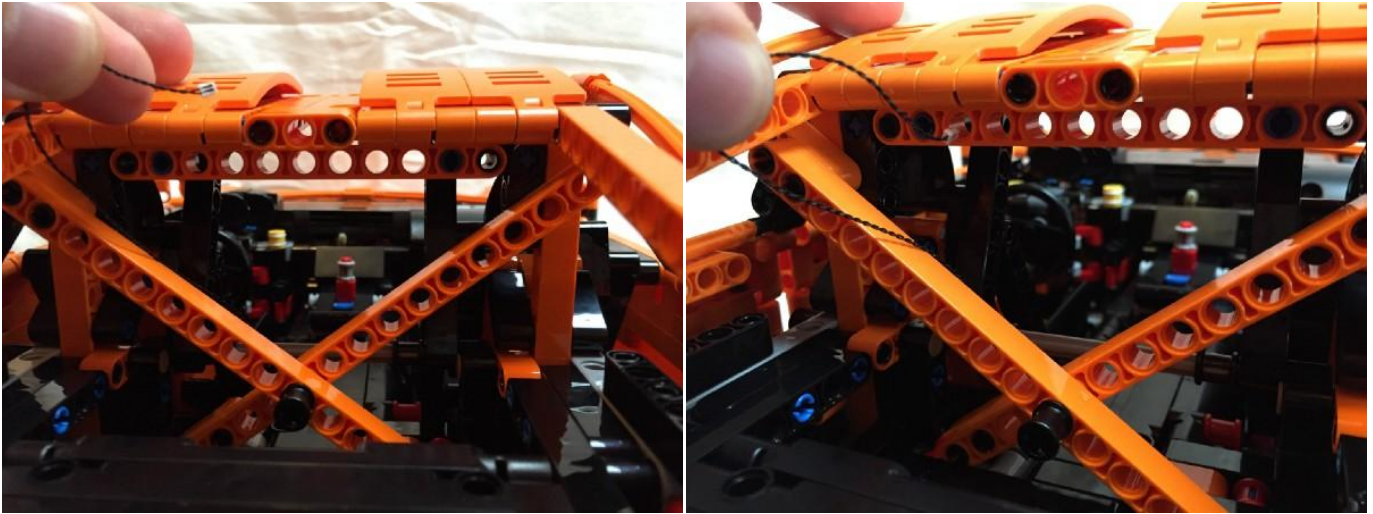
Look for the other end of the 30cm Connecting Cable and pull it through.



96



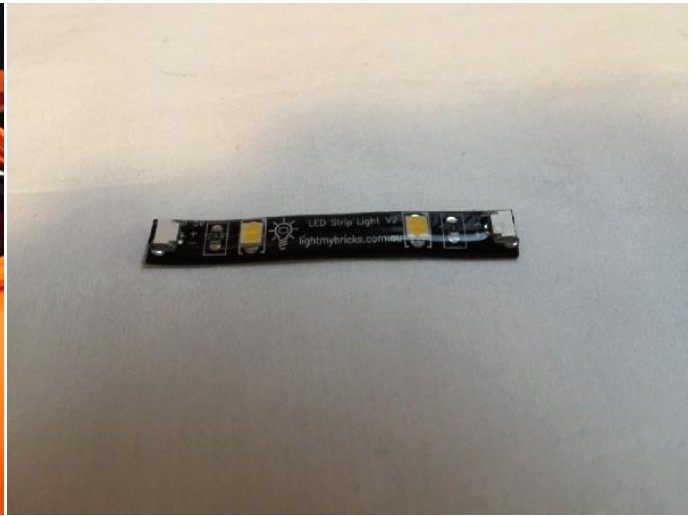
97.Run the 30cm Connecting Cable in between the drivers seat and centre console. Pull it out the back “window” above where the two orange technic liftarms cross over.



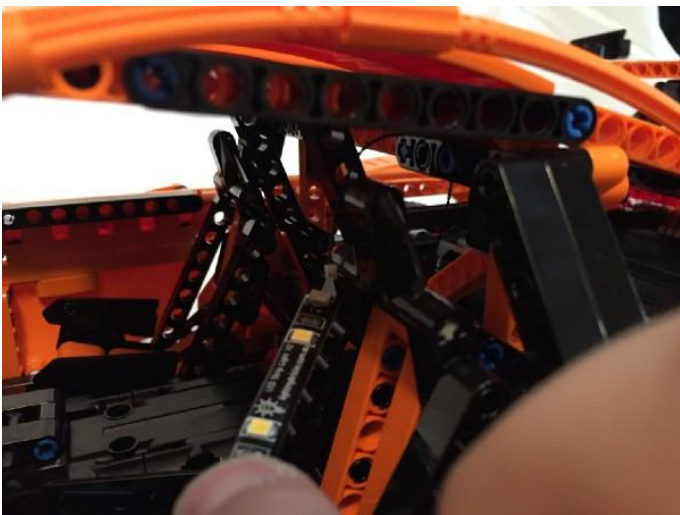
98.Feed the 30cm Connecting Cable through an available hole in the orange technic liftarm that runs underneath the roof line.



99. Pull the 30cm Connecting Cable out through the back “window” again and loop it back through the same orange technic liftarm.

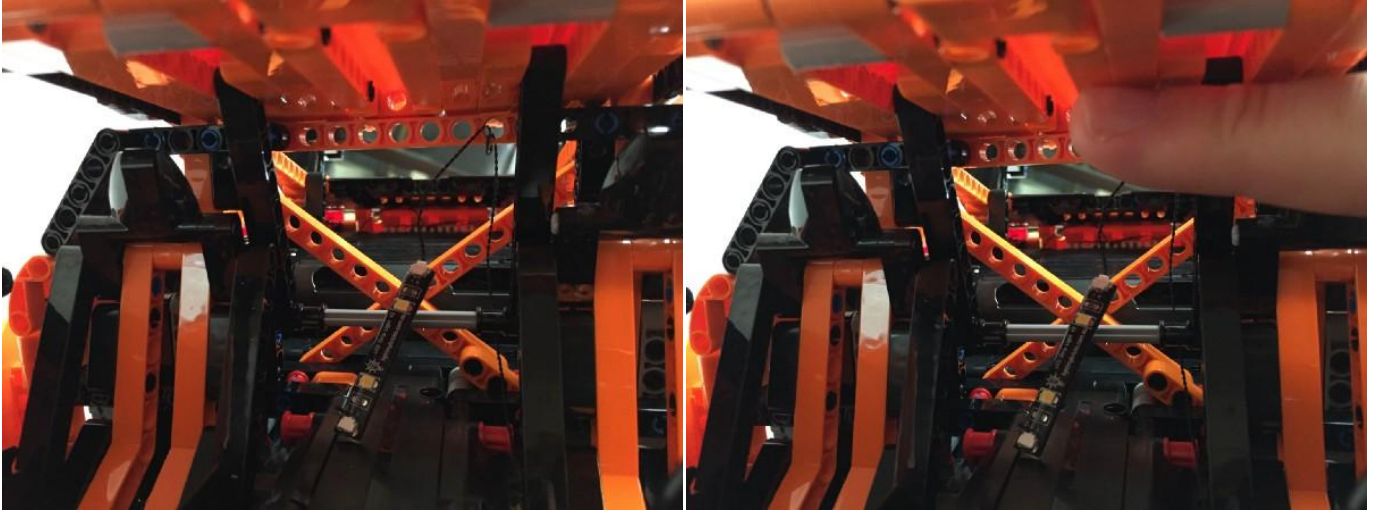


100. Grab the Strip Light.



101.Connect the Strip Light to the 30cm Connecting Cable.

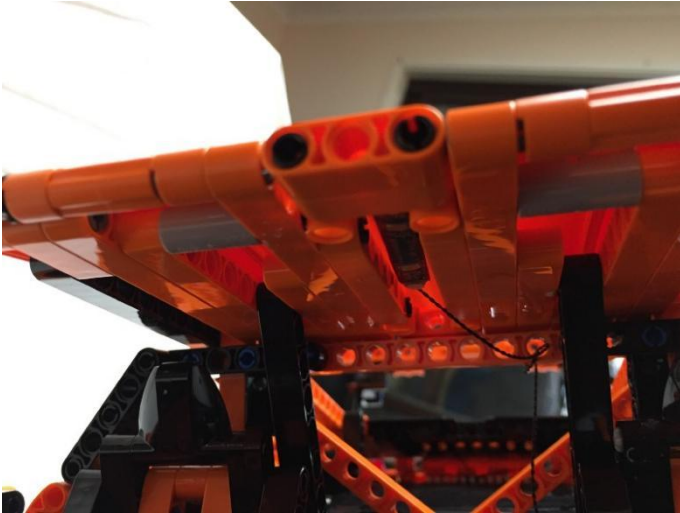
(In hind sight, it would be easier to pull the cable out the back “window” again and connect the strip light to it while it is outside the car.)



102.We are going to stick the strip light to the very centre of the roof which is seen by the gap in the orange technic panel plate.



103

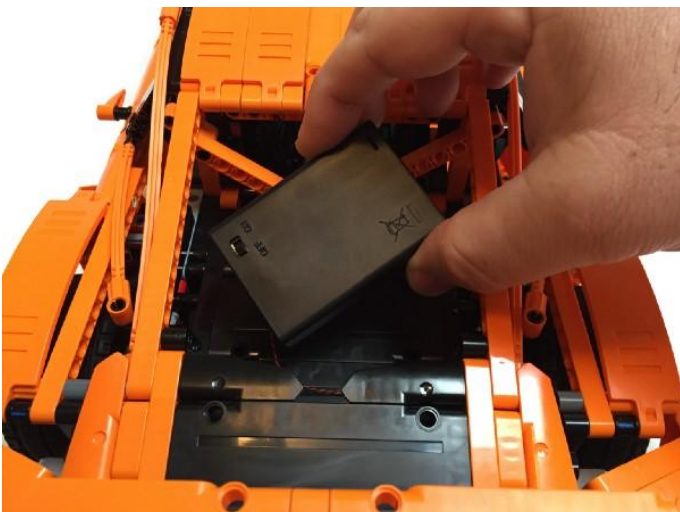


104. Peel the adhesive backing off the Strip Light.

Pass the strip light through to the cabin and stick it to the roof.

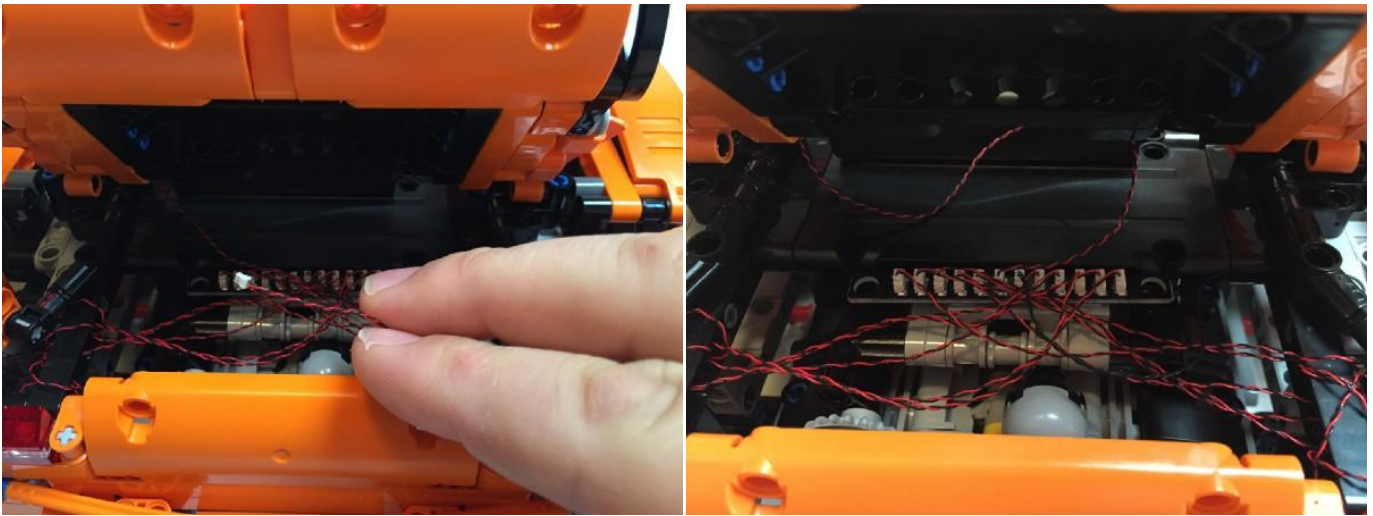


105. Grab the AA Battery Pack and give yourself access to the back of the vehicle.



106. Rest the AA Battery Pack on the back of the car between the rear “window” and the boot.

Open the boot.



107. Feed the AA Battery Pack wire underneath the boot and plug it in to the last available port on the 12 Port Expansion Board.



108. Now all you need to do is put the batteries in, turn the AA Battery Pack on and enjoy the lights!!



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

