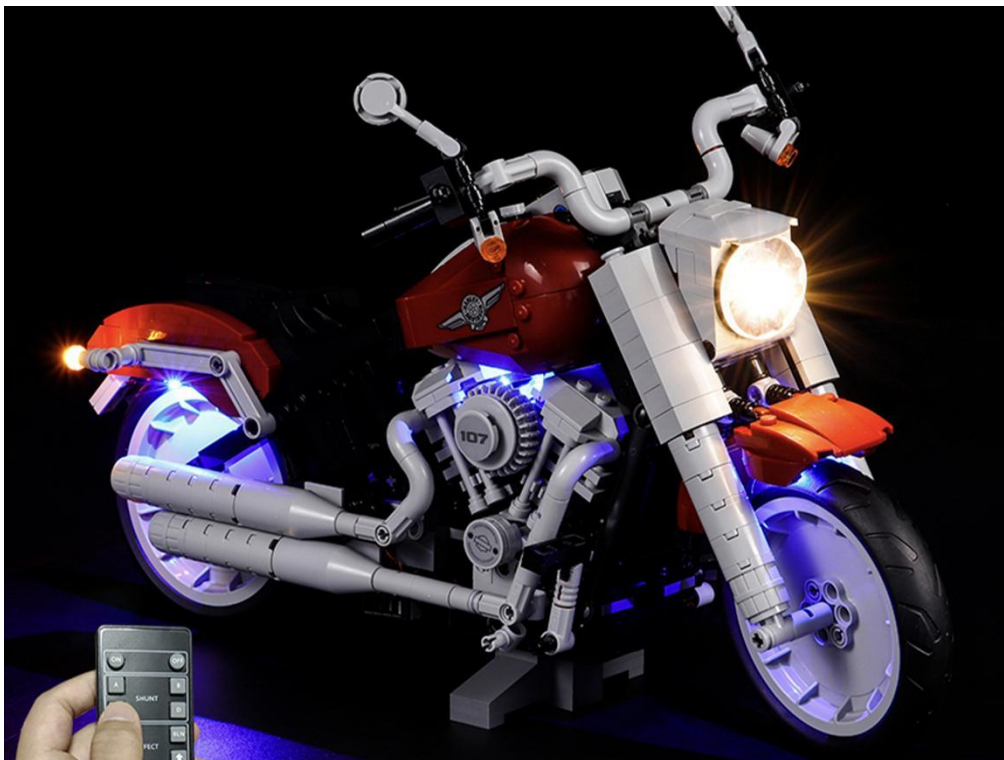


10269 Harley-Davidson Fat Boy P14102

- P14102 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 “10269 P14102”.
- 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 13 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	2
Bit Lights-15CM-Red	Bit Lights-15CM-Red	4
Bit Lights-15CM-Blue	Bit Lights-15CM-Blue	2
Bit Lights-30CM-Blue	Bit Lights-30CM-Blue	3
Bit Lights-30CM-Red	Bit Lights-30CM-Red	2
Headlights-30CM-Warm White	Headlights-30CM-Warm White	1
Expansion Board	6 Socket Expansion Board	2
	8 Socket Expansion Board	1
USB Power Cable	USB Power Cable-30CM	1
Connecting Cables-5CM	Connecting Cables-5CM	3
Connecting Cables-15CM	Connecting Cables-15CM	1
Flicker-Effects Board	Flicker-Effects Board	1
Remote Control Board	Remote Control Board	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.



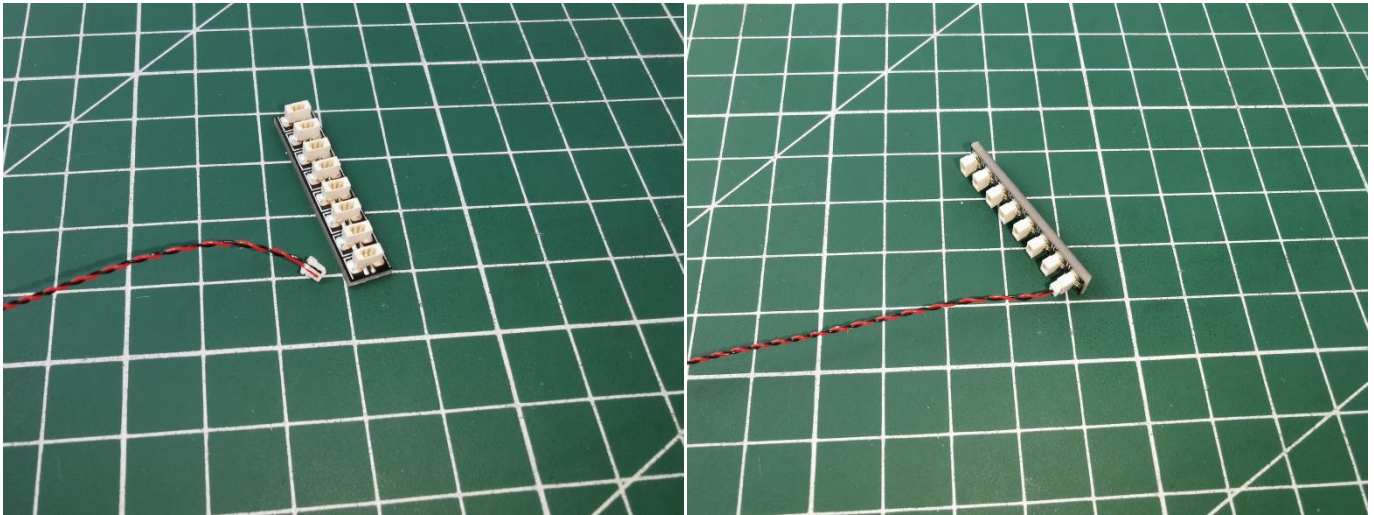
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.



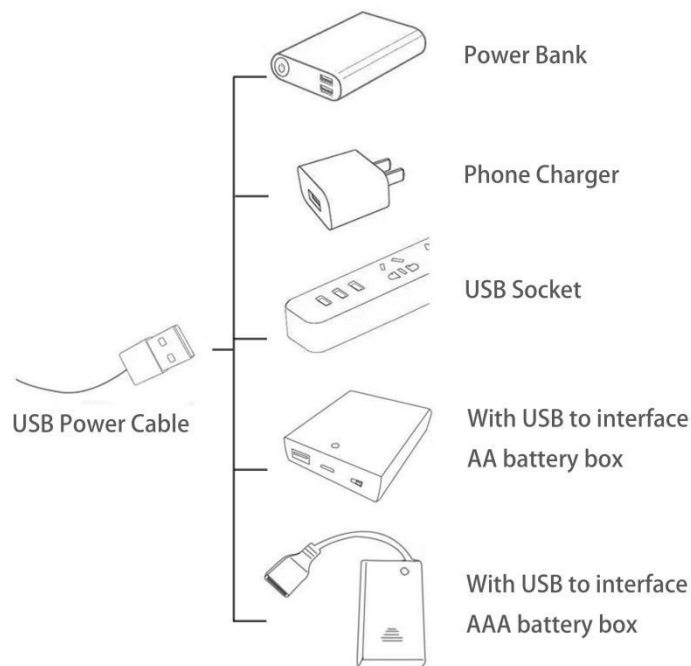
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

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.

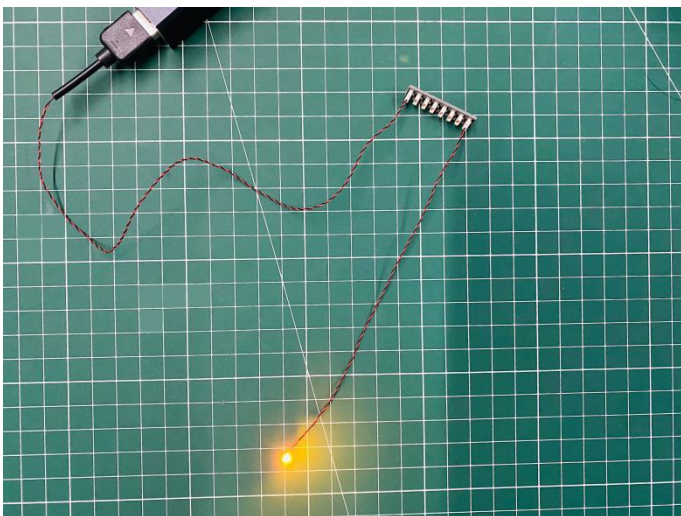
USB connectors to connect devices



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 1*Bit Lights-15CM-Warm White,4*Bit Lights-15CM-Red,2*Bit Lights-15CM-Blue,3*Bit Lights-30CM-Blue,2*Bit Lights-30CM-Red,1*Headlights-30CM-Warm White.

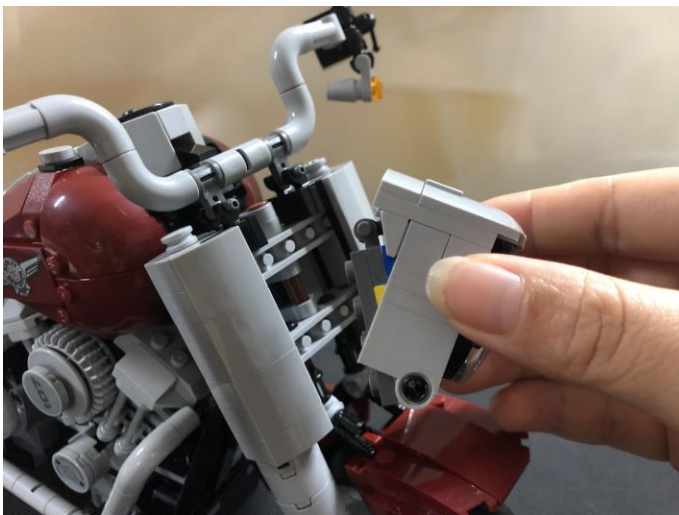
Please contact us immediately if any components don't work.

Section C: laying out components following the instruction.

1



2



Take a warm white 30cm light, with the lighting part facing the trans piece, place the light at the center of the following round black piece.



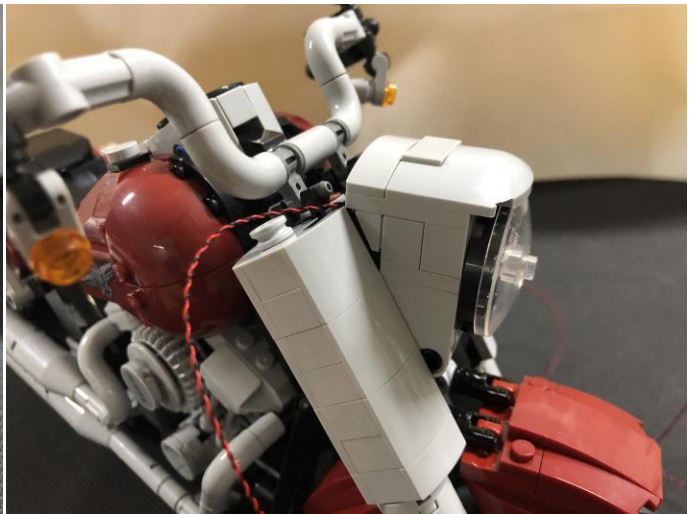
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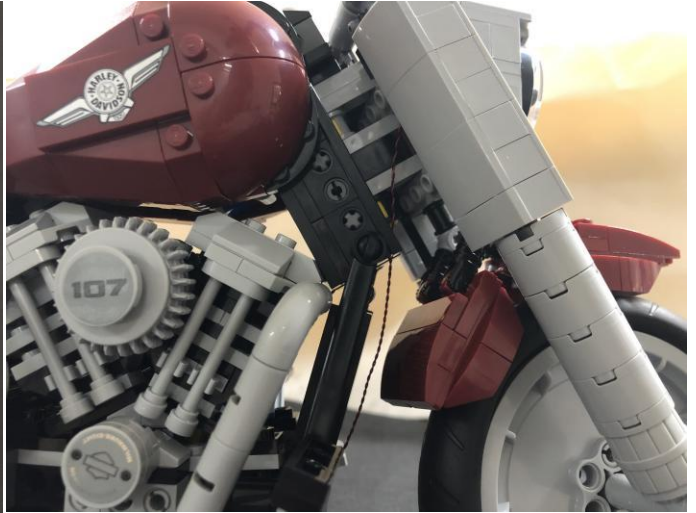
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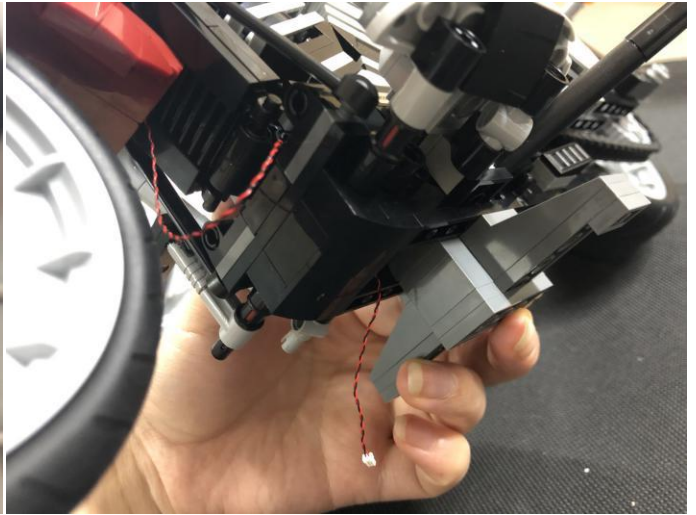
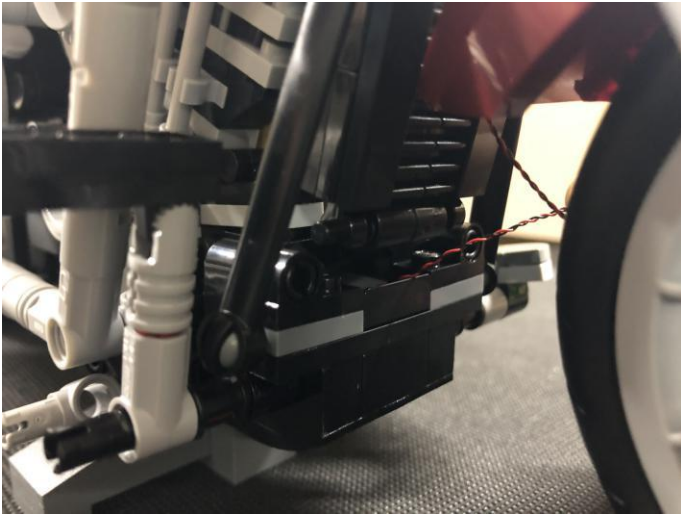
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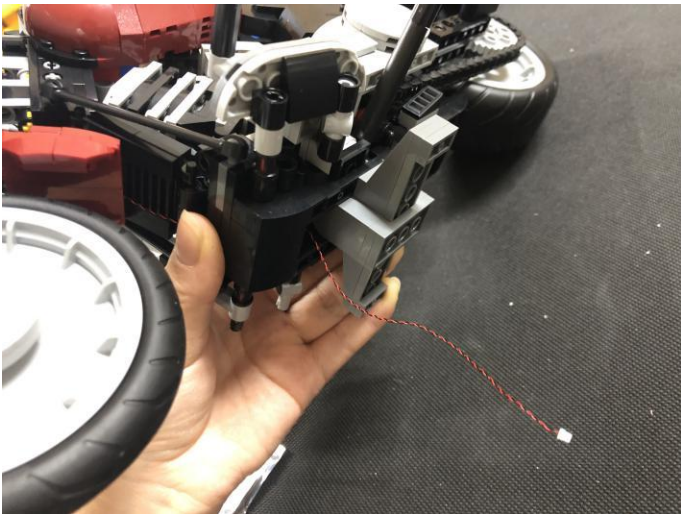
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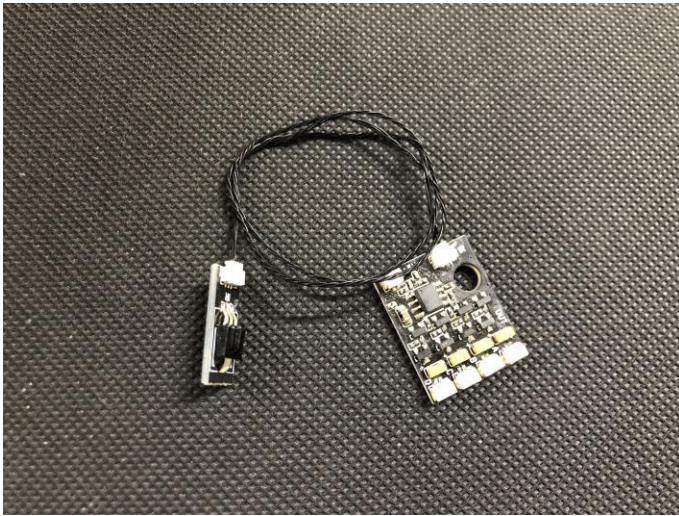
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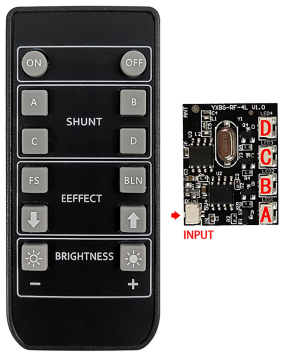
8



Take a Remote Control Switch Board, connect the cables to the switch board as per below

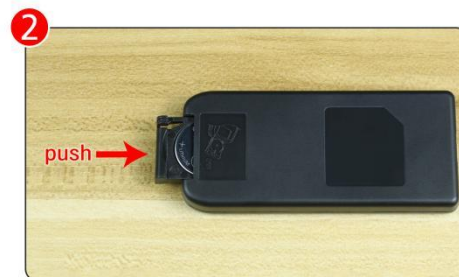


Remote control function description

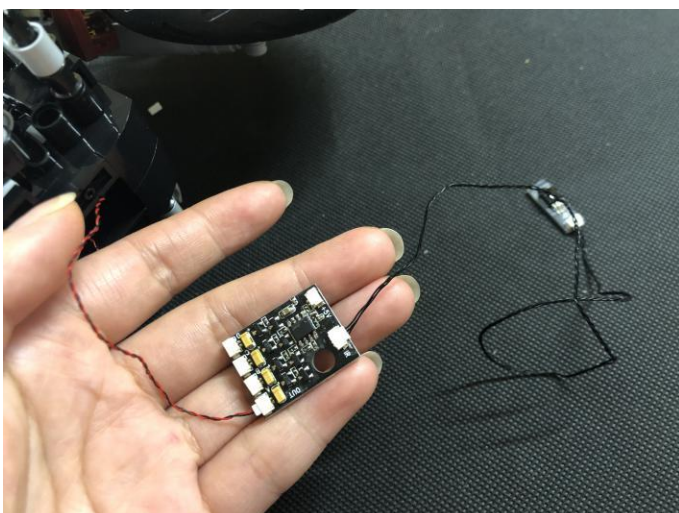


- ON: All branches are opened
- OFF: all branches are closed
- A: open/close A road
- B: open/close B road
- C: open/close C road
- D: open/close D road
- FS: Turn on blinking for the last open channel
- BLN: Start breathing for the last opened path
- ↑: Increase blinking/breathing rate
- ↓: Increase blinking/breathing rate
- Brightness+: Increase brightness
- Brightness -: Reduce brightness

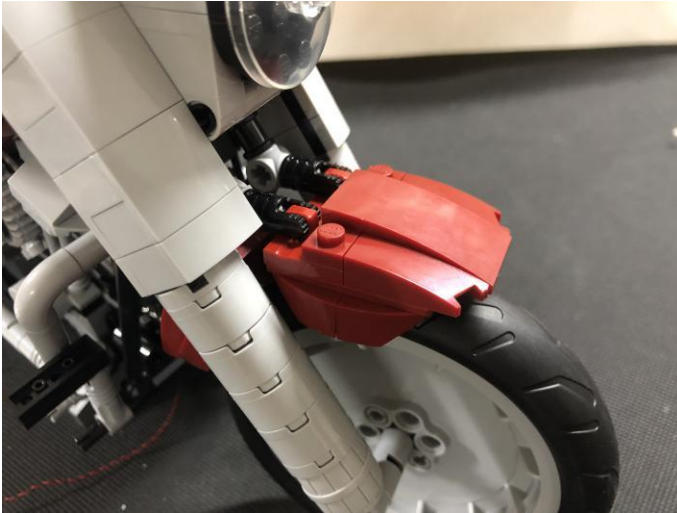
The remote control does not contain batteries, please buy a 2025 or 2032 button battery in the nearest store and install it in the remote control.



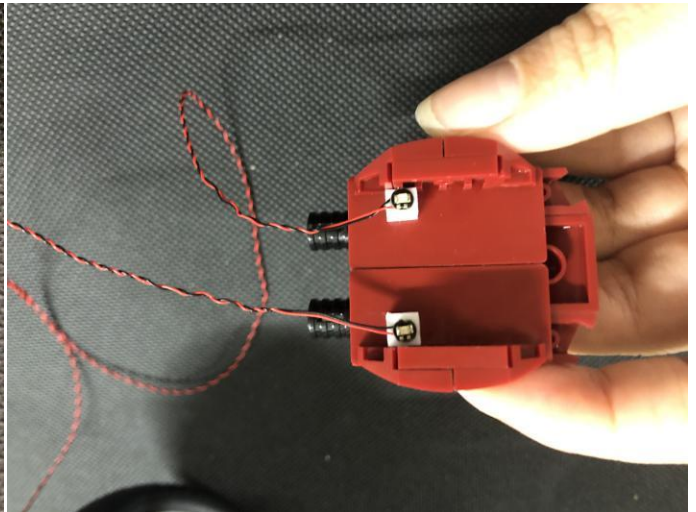
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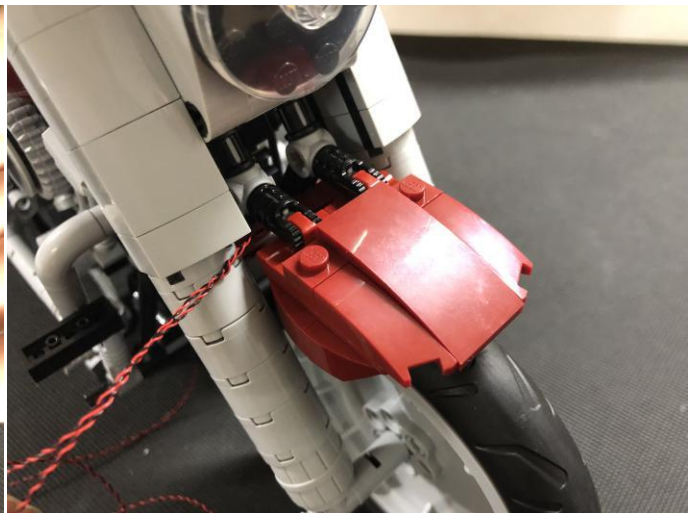
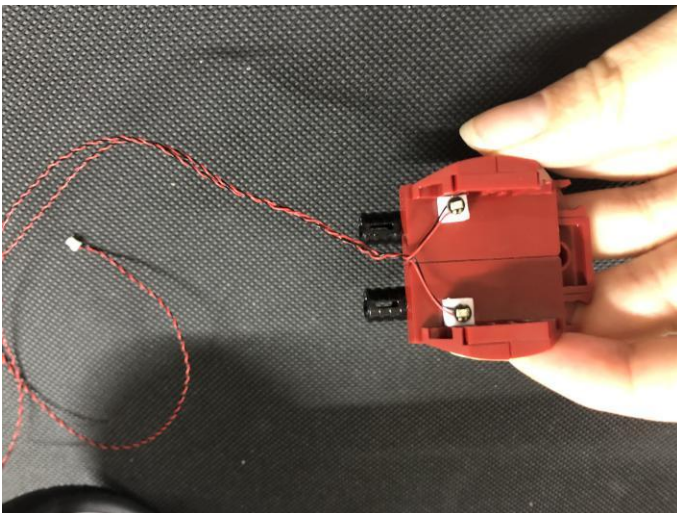
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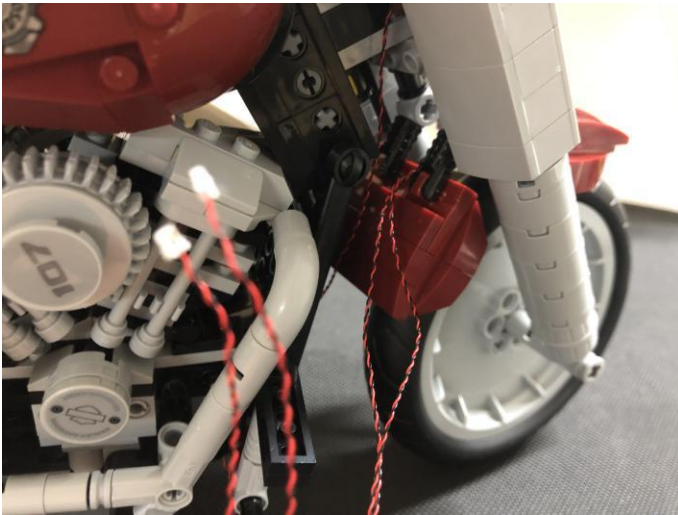
Take 2 blue 30cm dot lights, stick the lights underneath the fender with adhesive squares as per below.



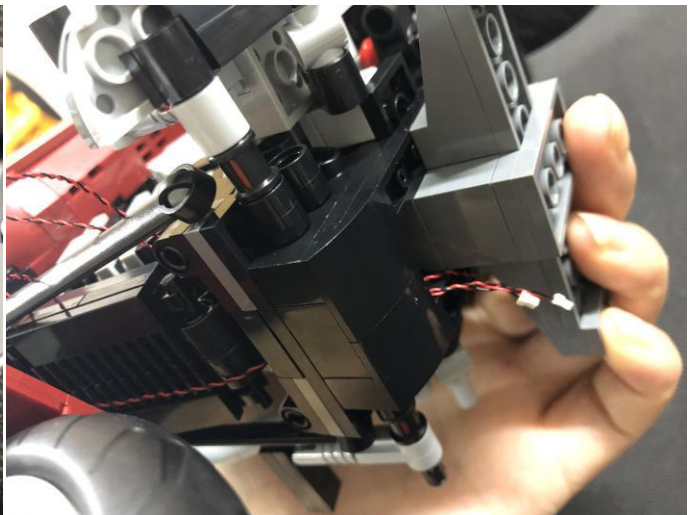
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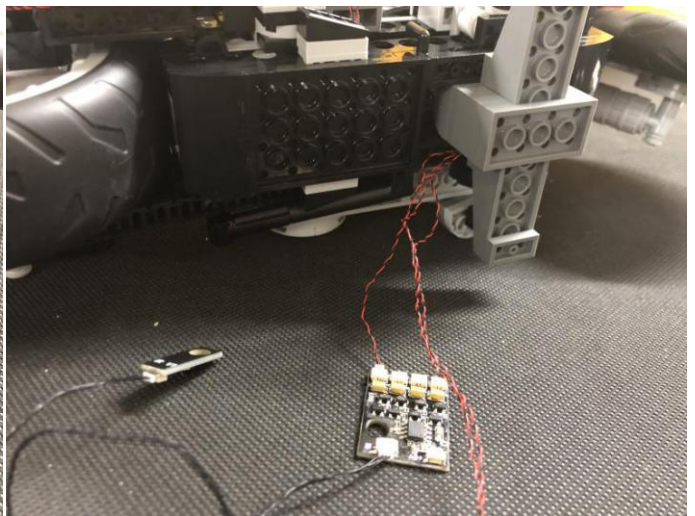
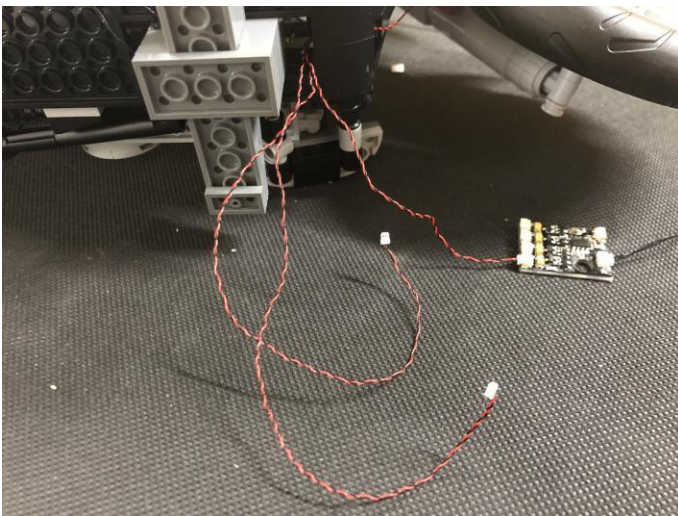
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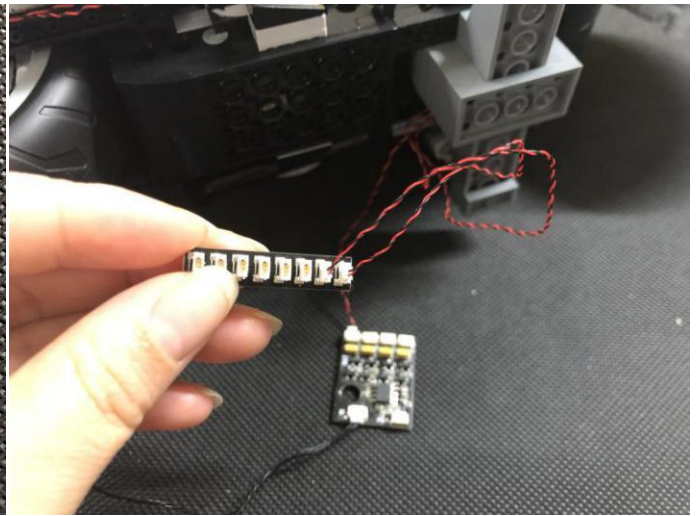
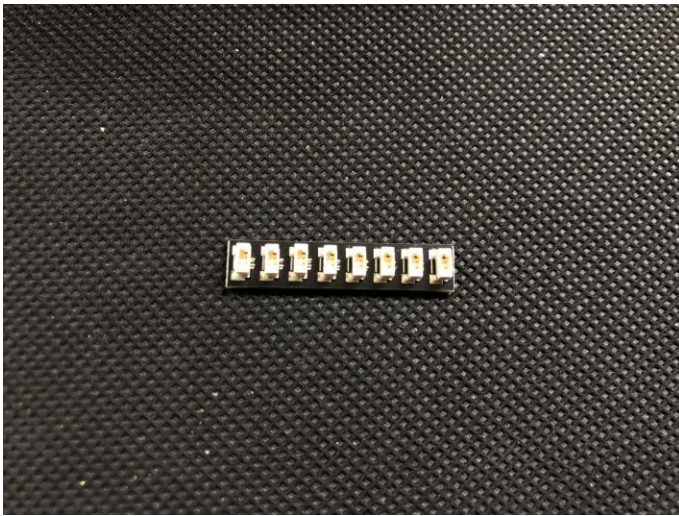
13



14



Take an 8-port expansion board, connect the 3 cables to it. Tuck excess cables as per below before sticking the expansion board to the bottom of the motorcycle.



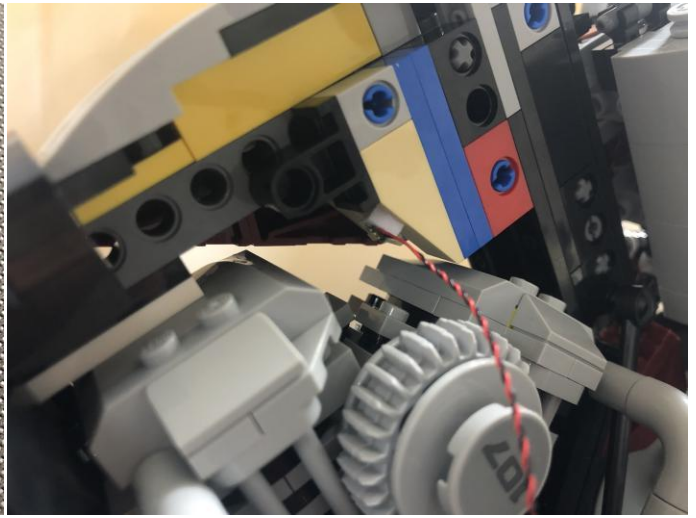
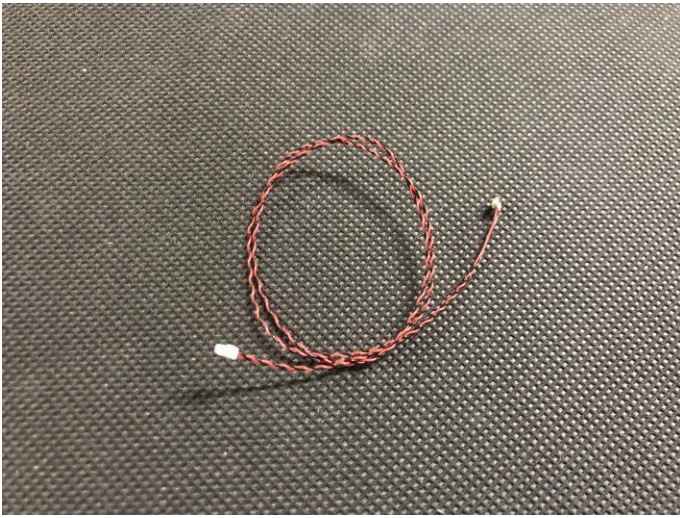
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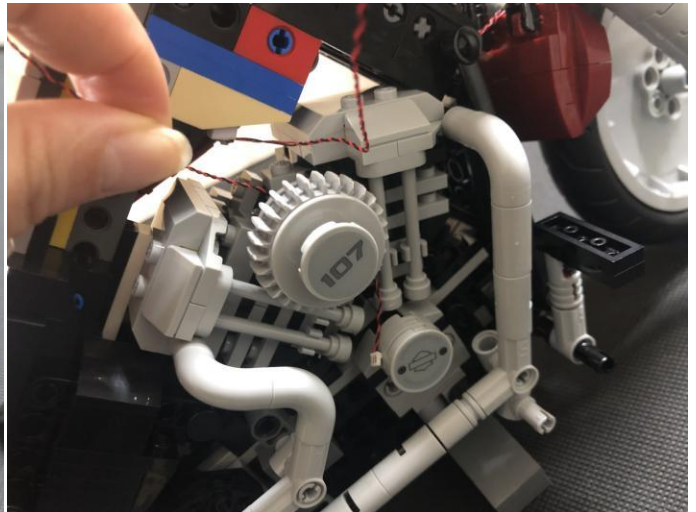
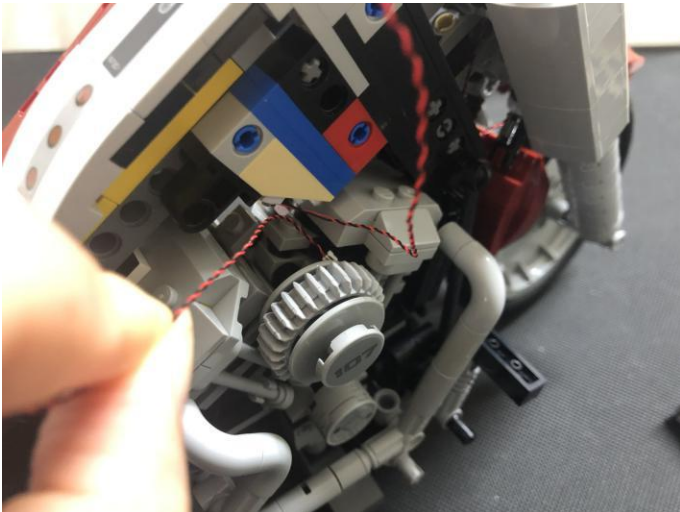
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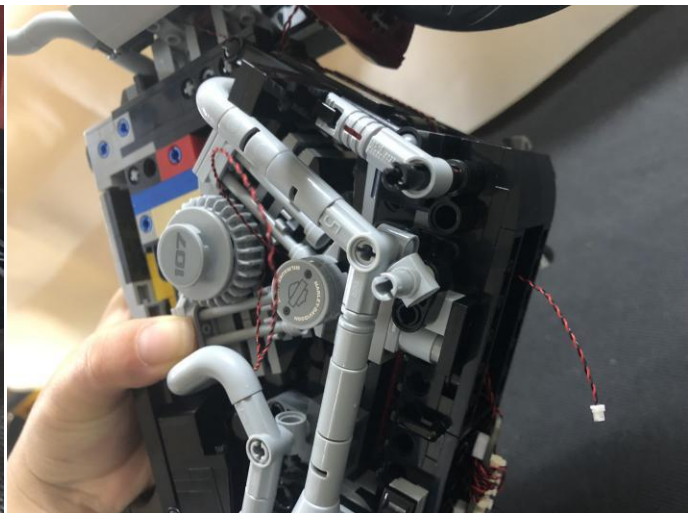
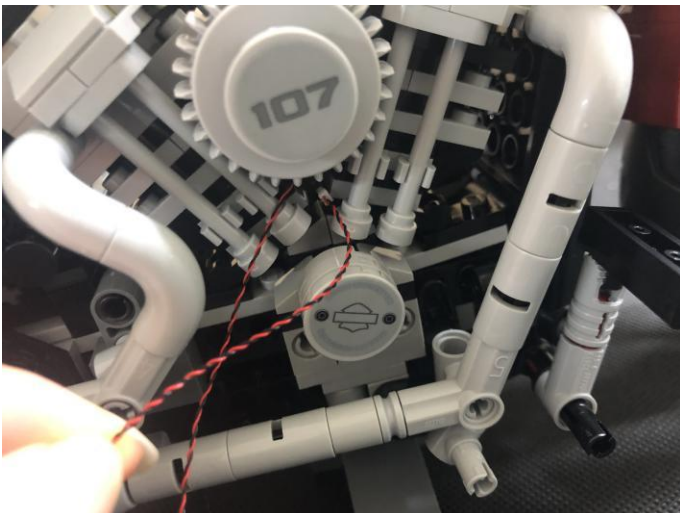
Take a blue 30cm dot light, stick it to the following place with an adhesive square.



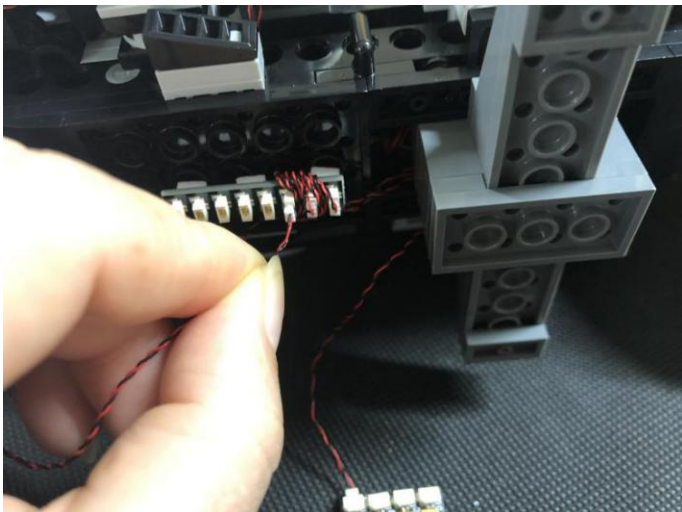
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18



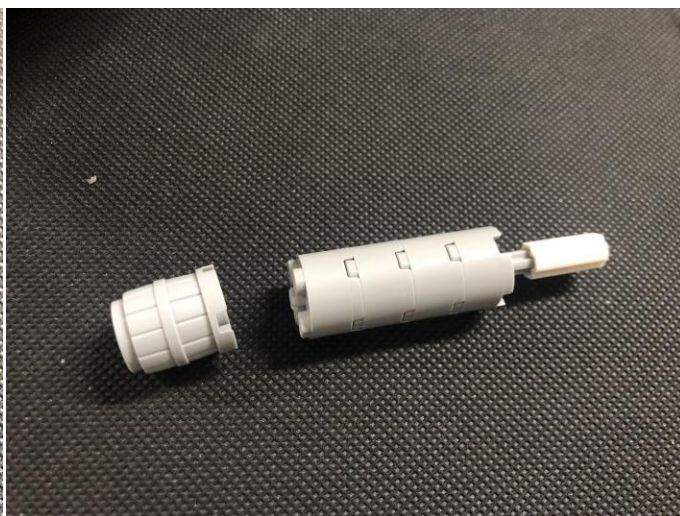
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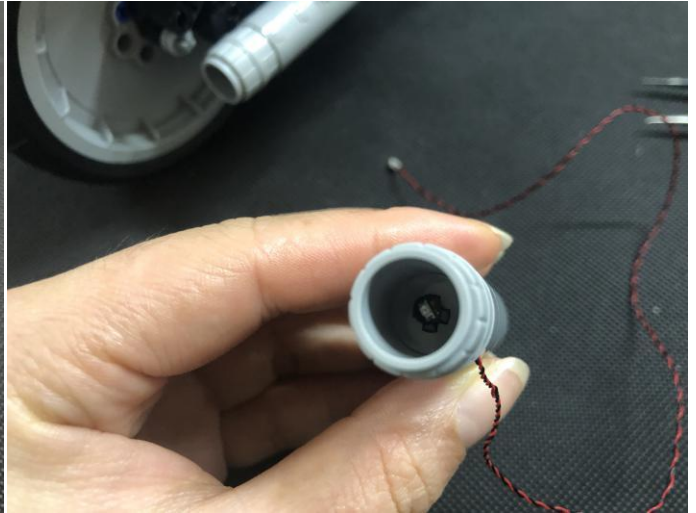
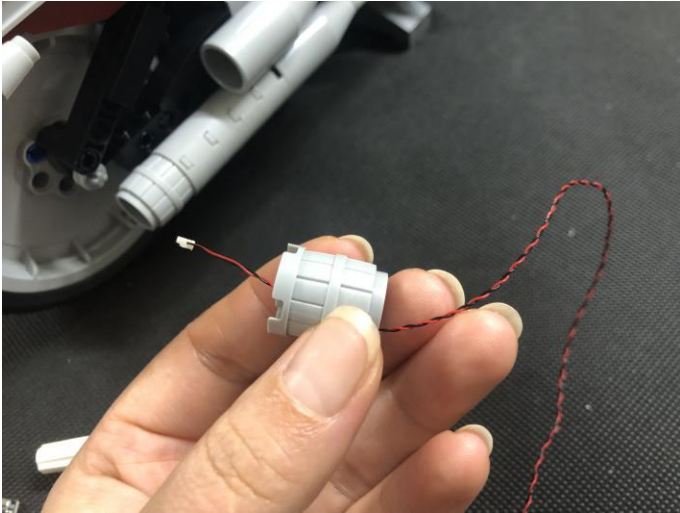
20



Take a red 30cm dot light.



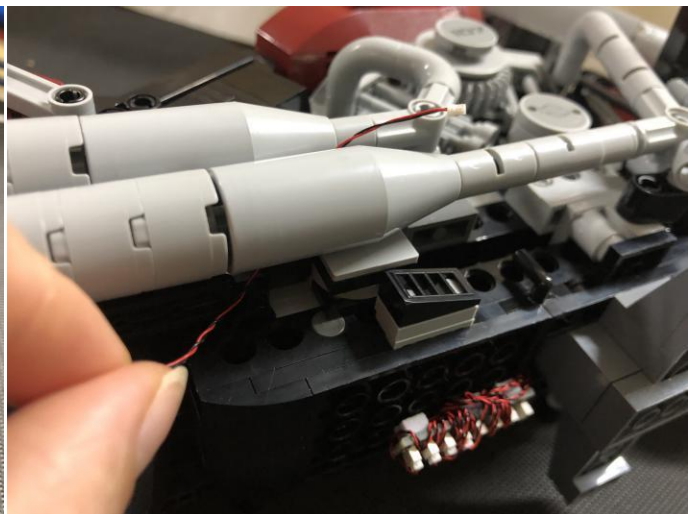
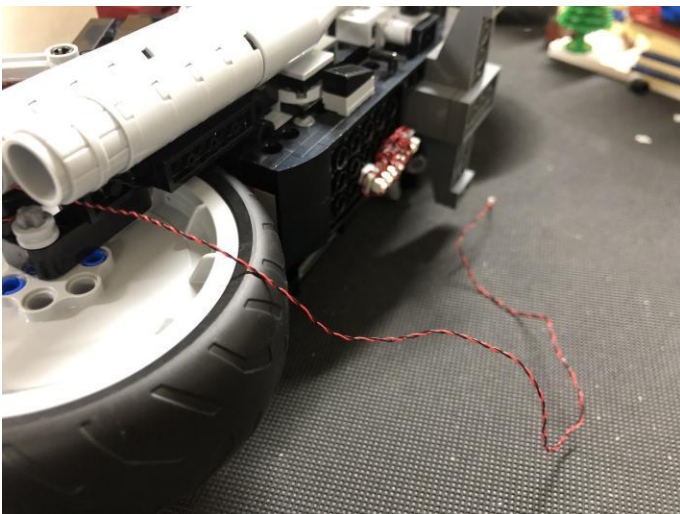
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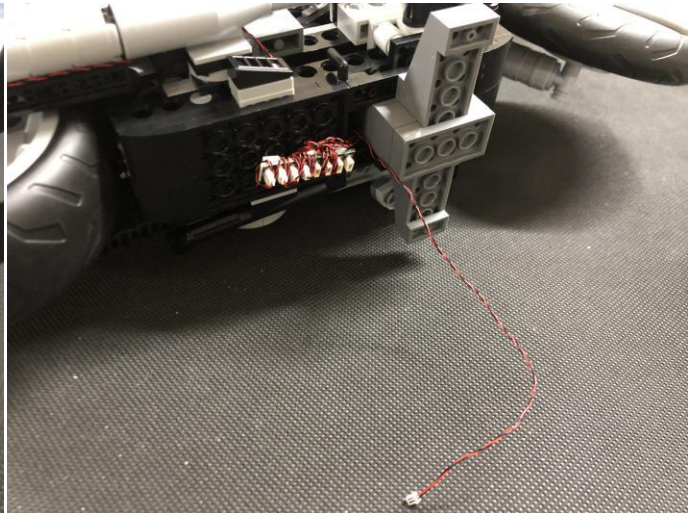
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23



24

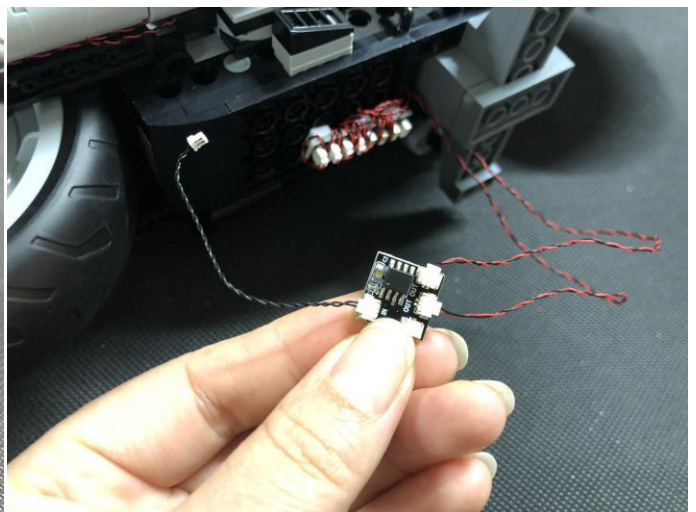
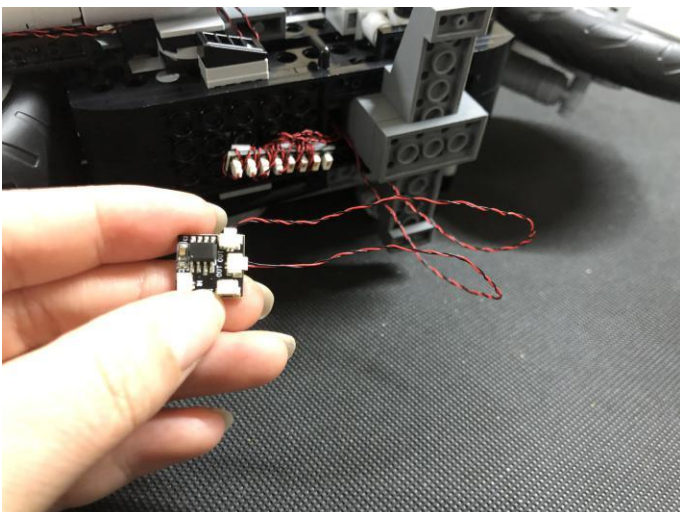


Take a red 30cm dot light, repeat the steps above to install light for another vent pipe.

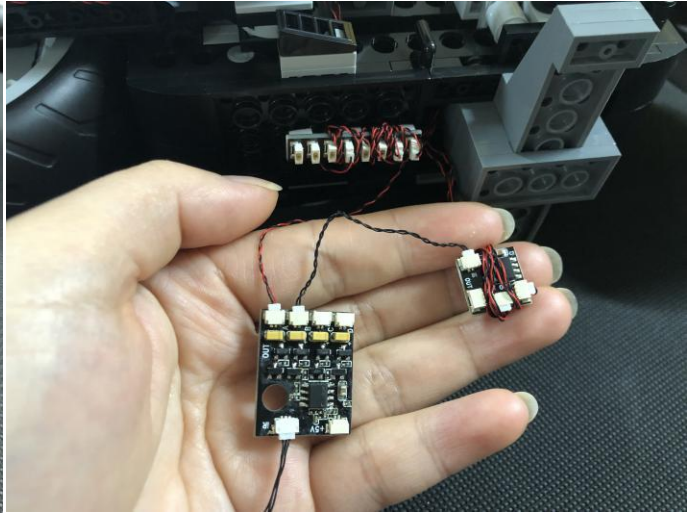
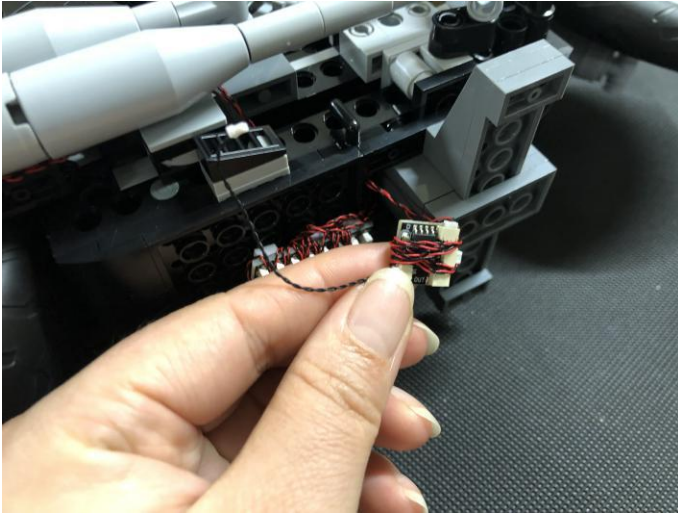
Take a Flicker Effects Board, a 5cm connecting cable.



25



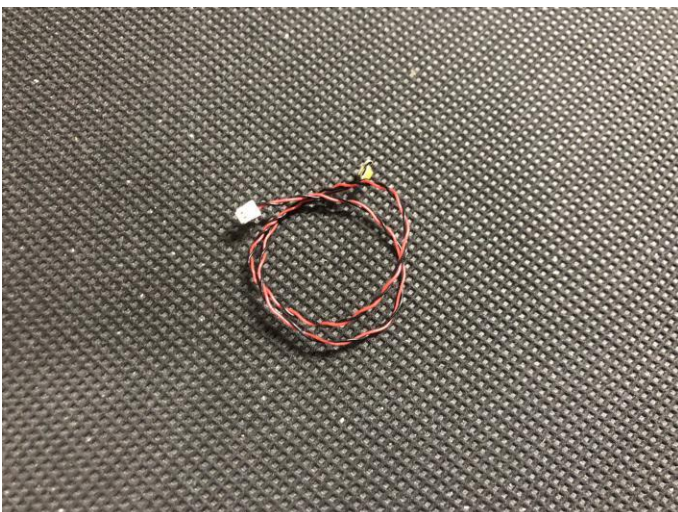
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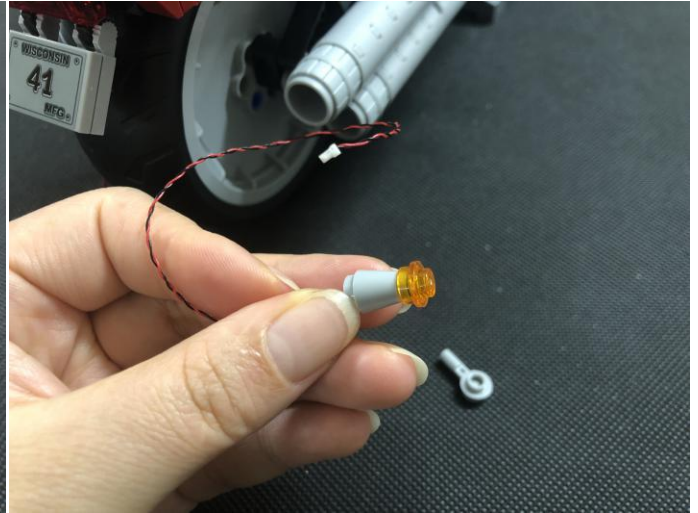
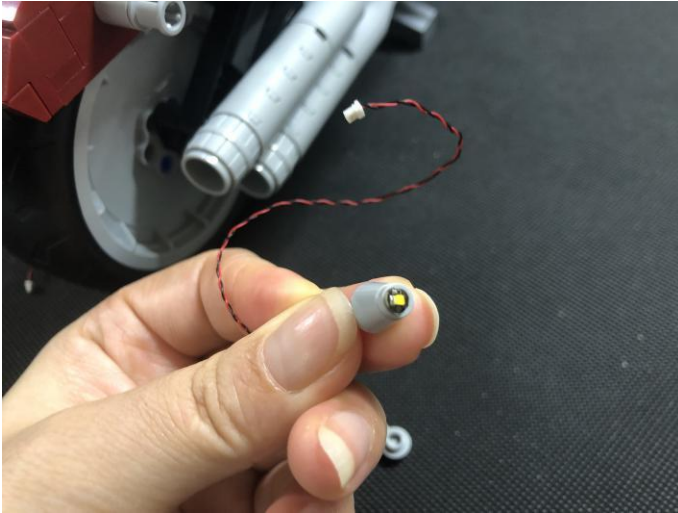
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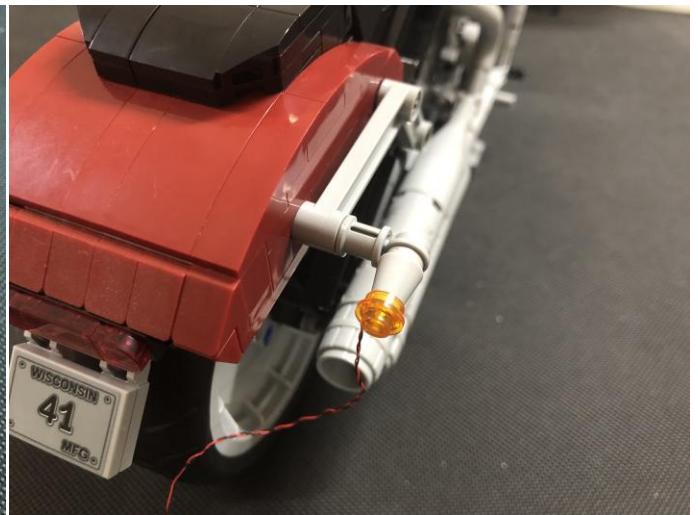
Take a warm white 15cm dot light, disconnect the turn signal as per below.



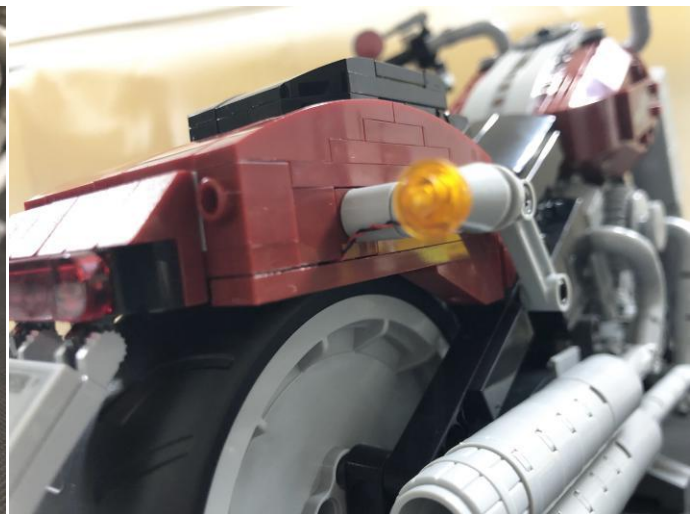
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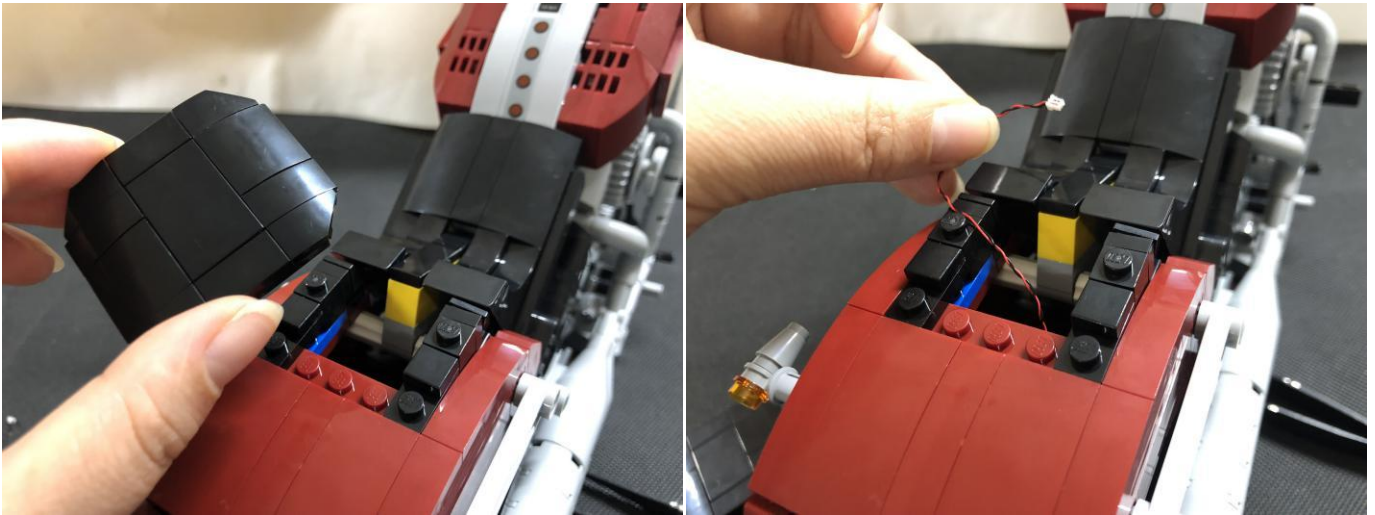
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30

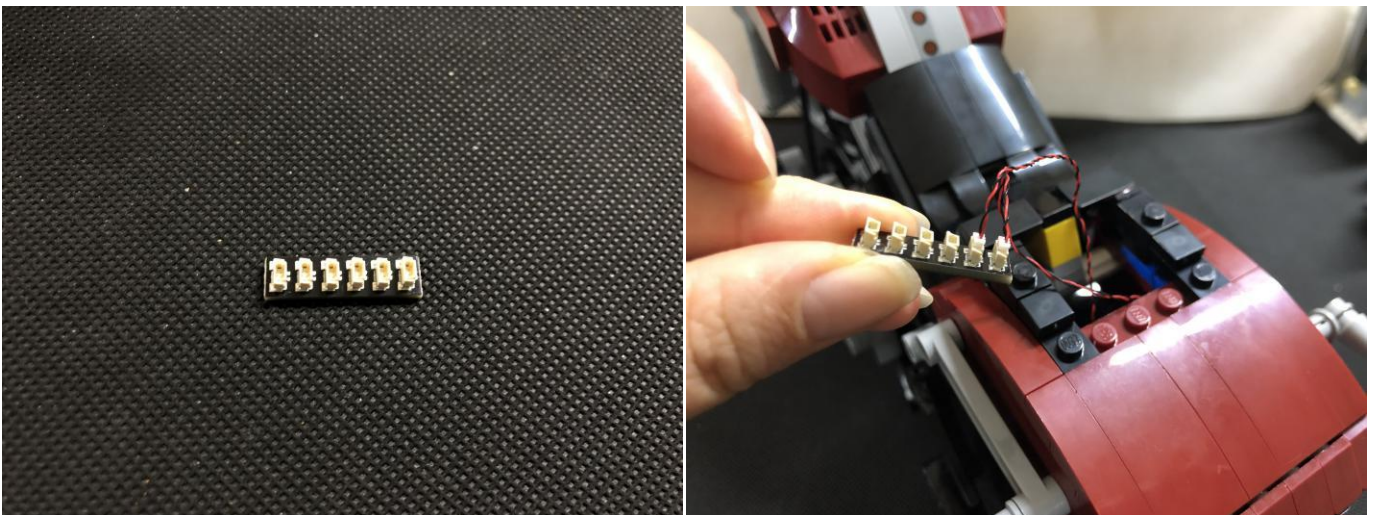


31

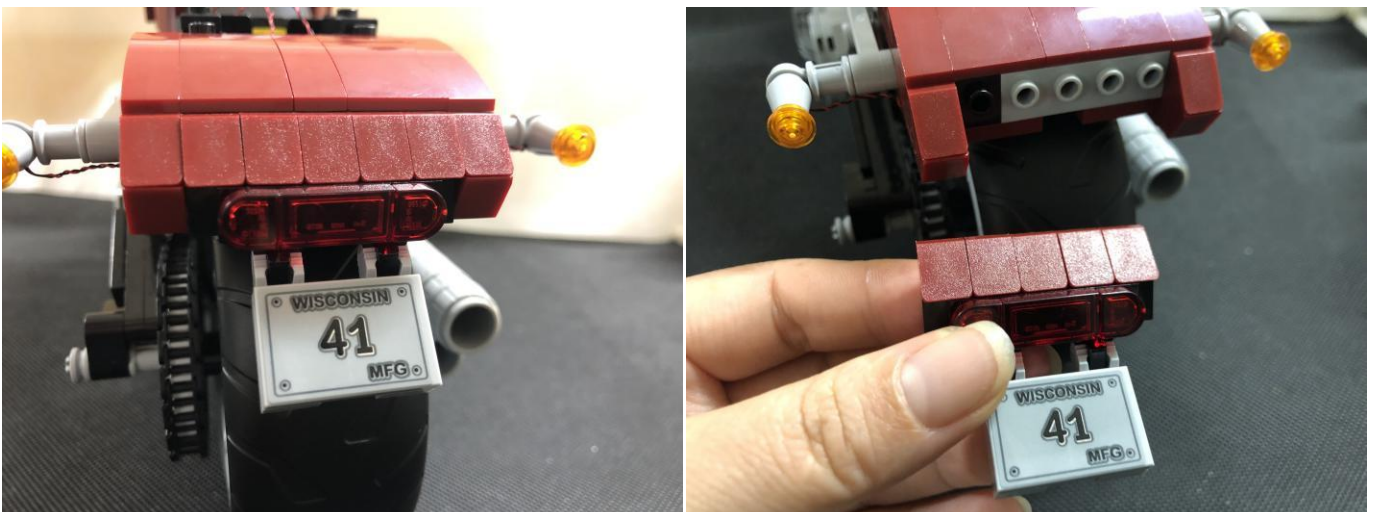


Take a warm white 15cm dot light, repeat the previous steps to install another turn signal.

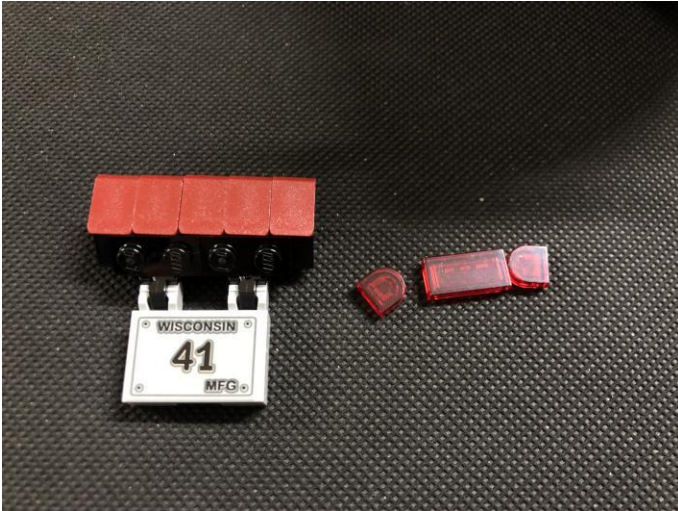
Take a 6-port expansion board, connect the cables of the lights to it.



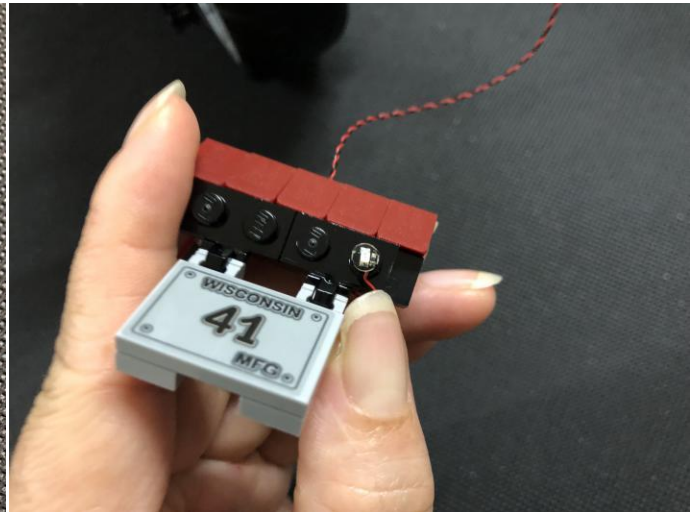
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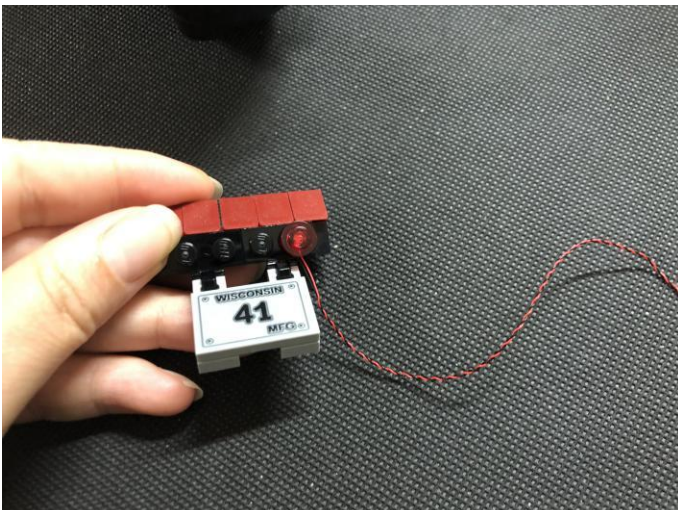
33



Take a red 15cm dot light, a trans red 1x1 piece, with lighting part facing up, secure the light with the trans red piece.

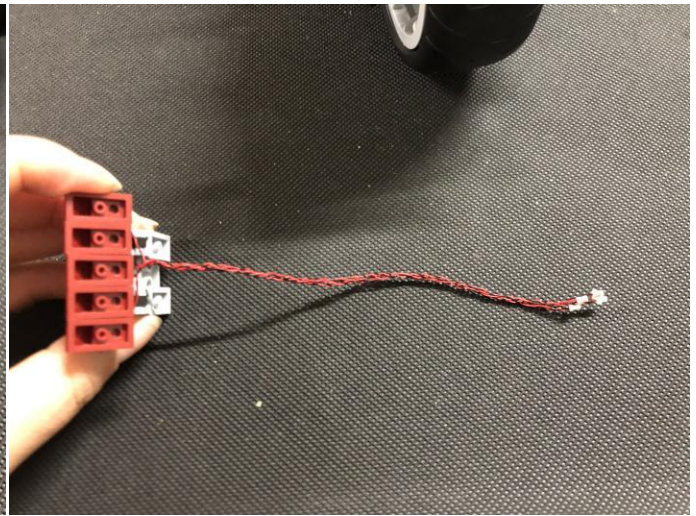
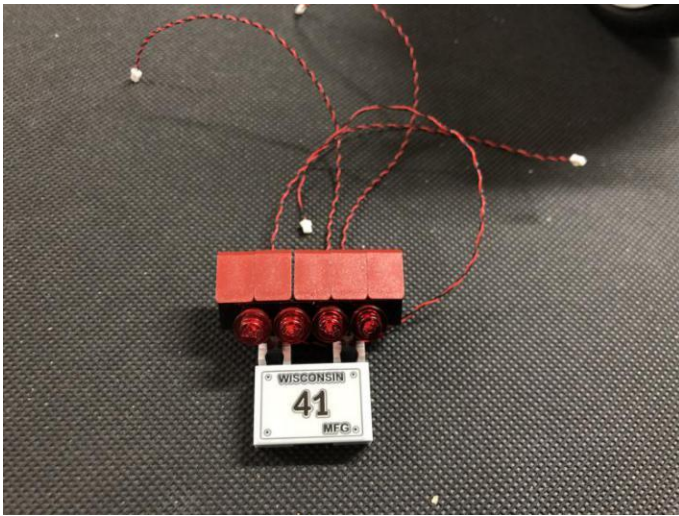


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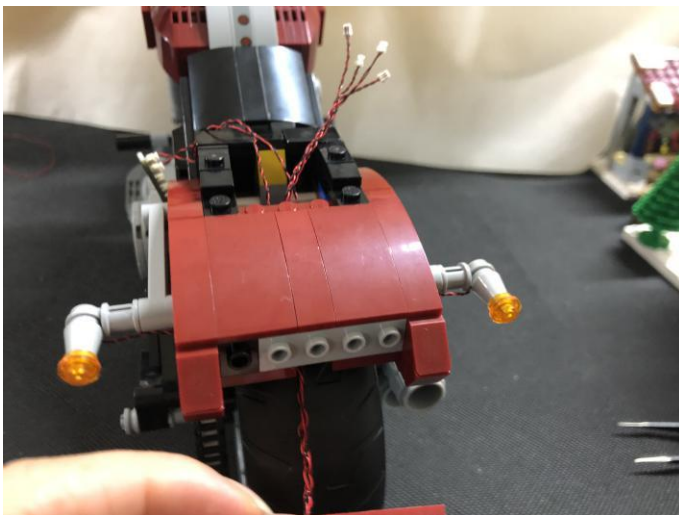


Take 3 red 15cm dot lights, 3 trans red 1x1 pieces. Repeat the steps above to install the last 3 lights.

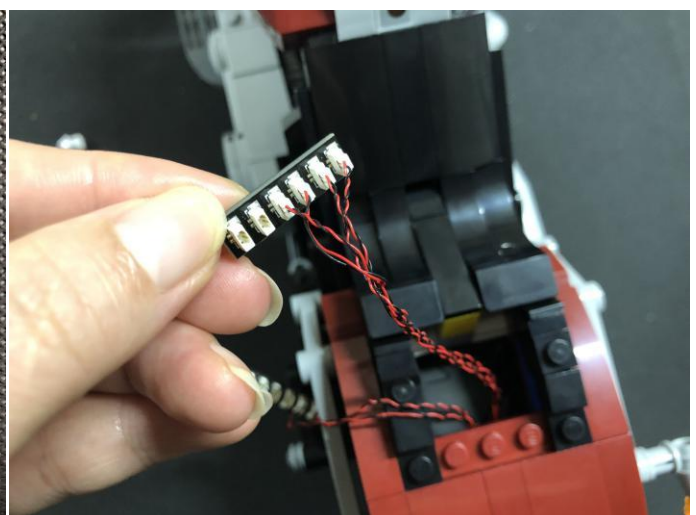
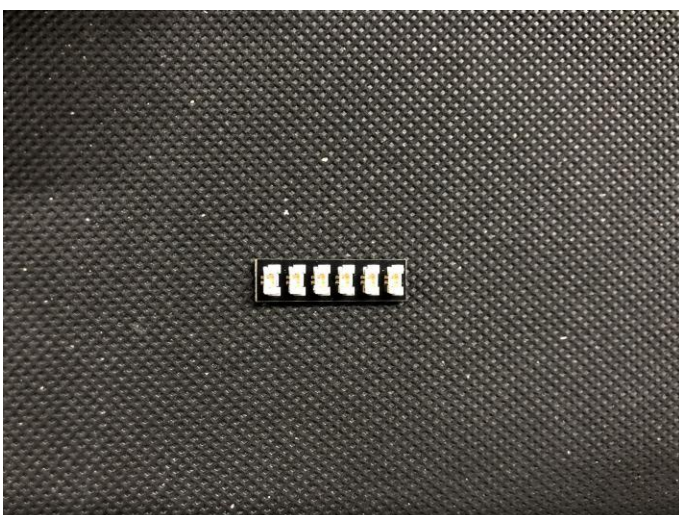
Group all the cable together.



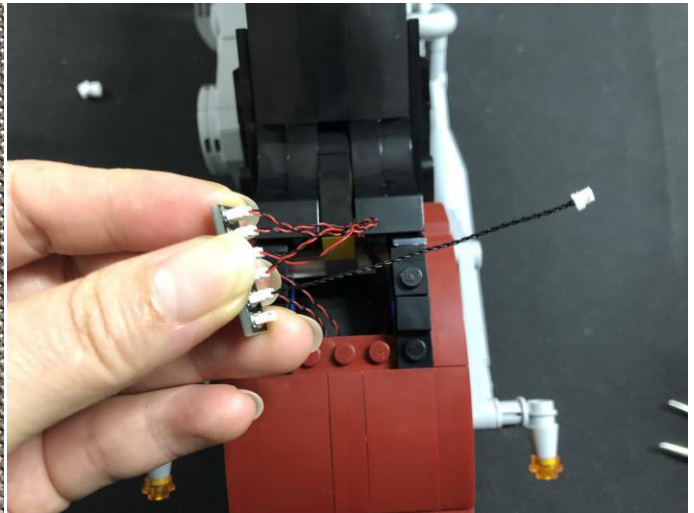
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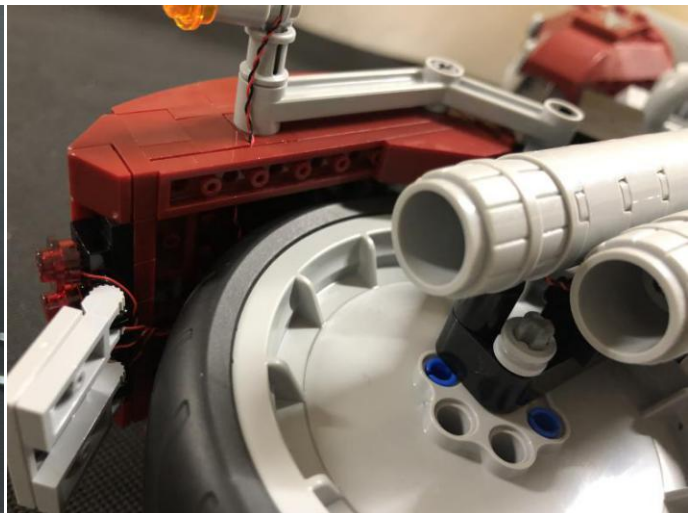
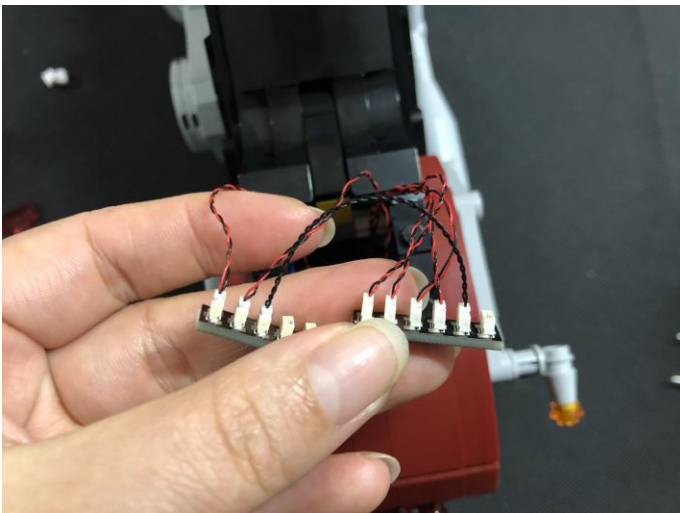
Take a 6-port expansion board, connect the 4 taillights to it.



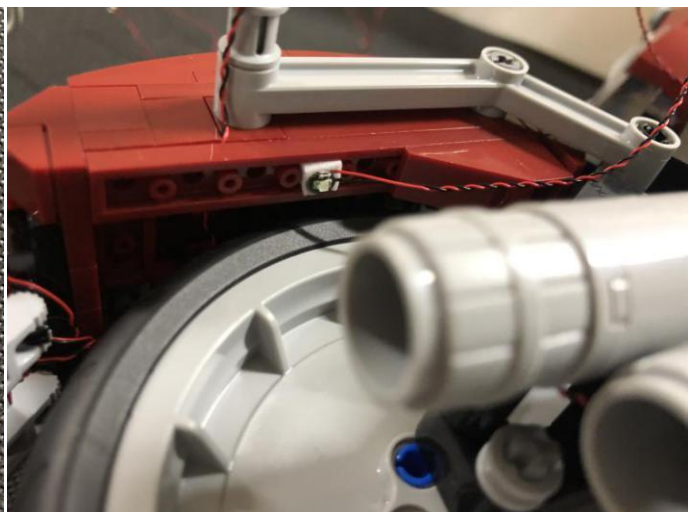
Take a 5cm connecting cable, connect it to the expansion board.



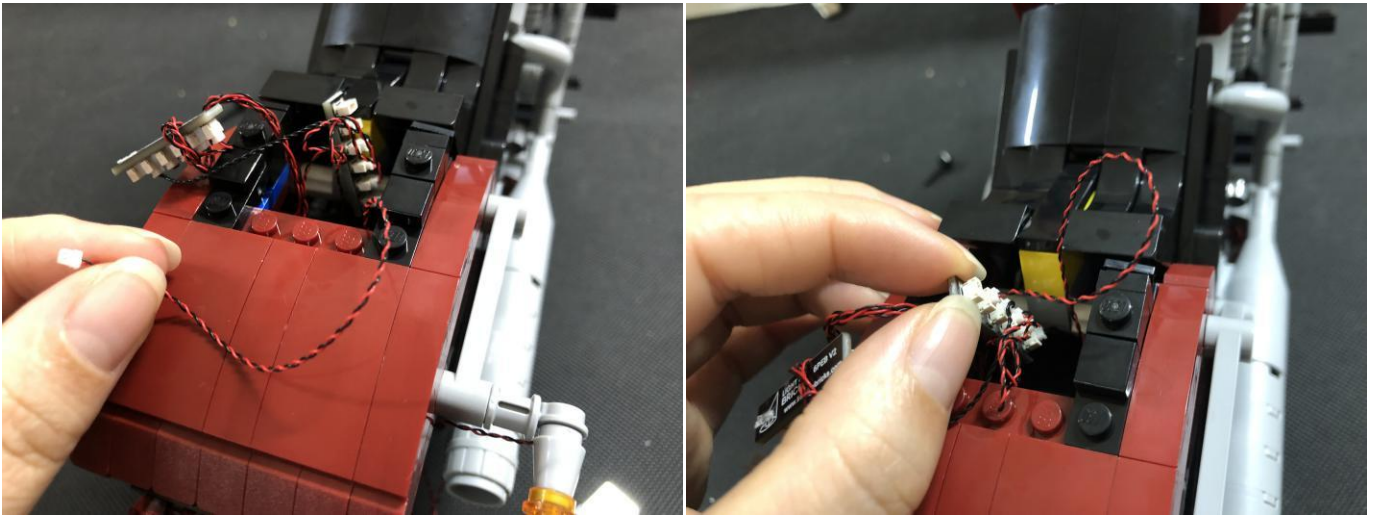
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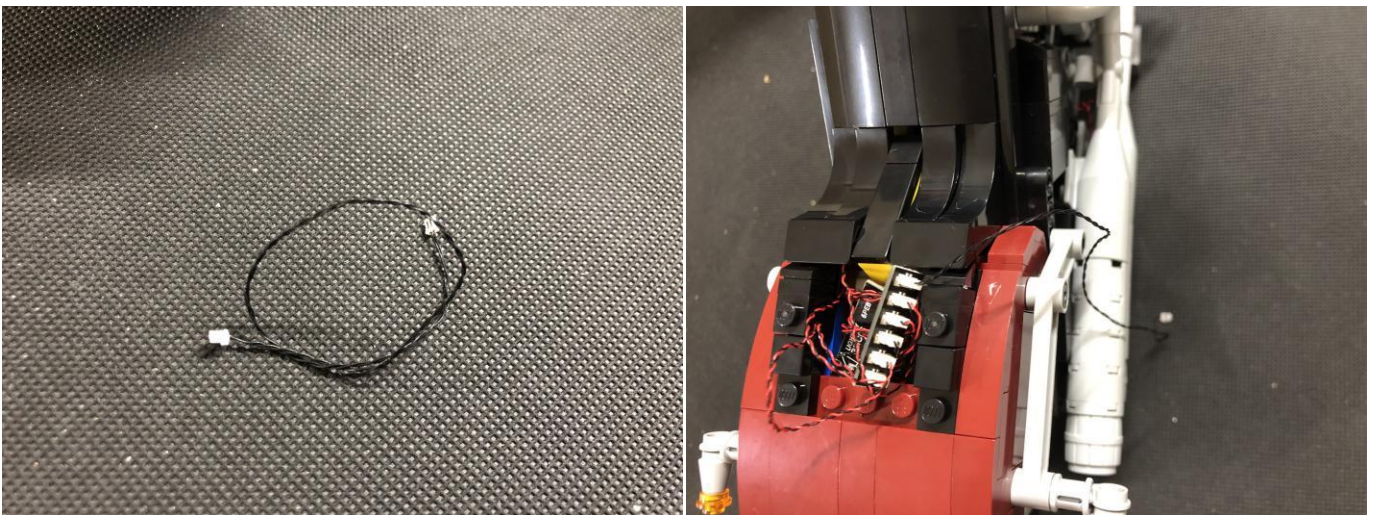
Take a blue 15cm dot light, stick it to the following place with an adhesive square.



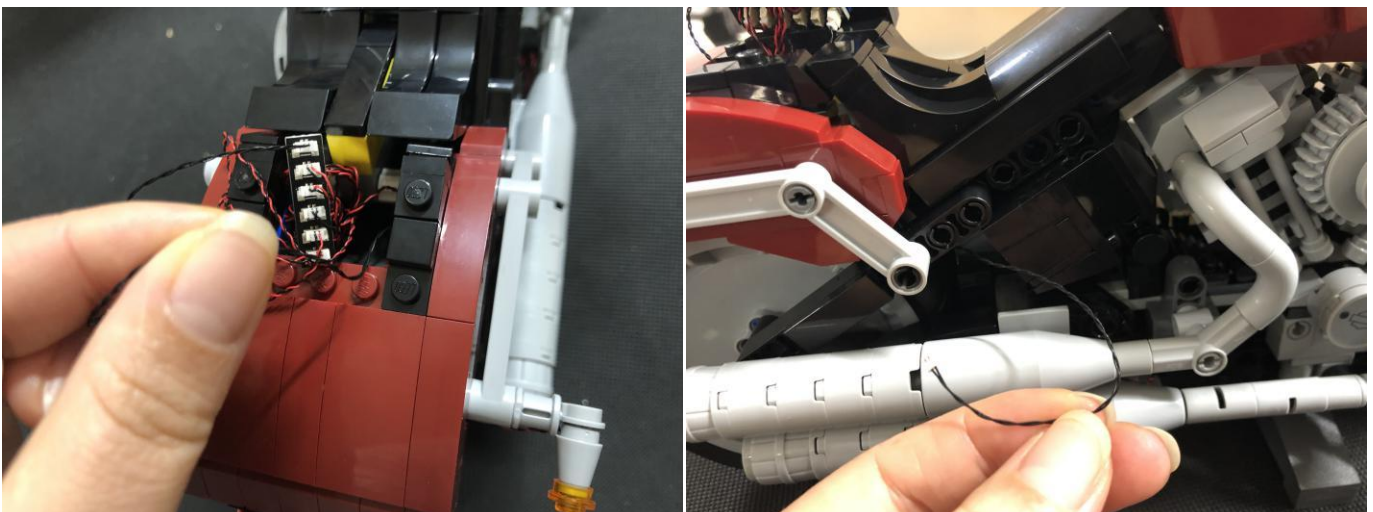
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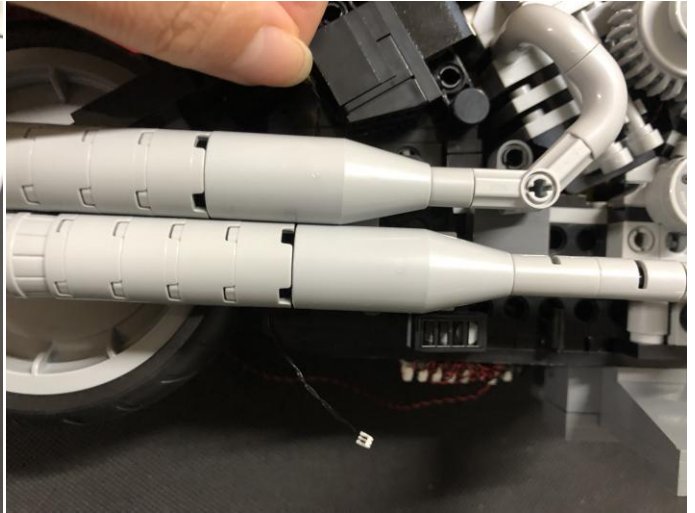
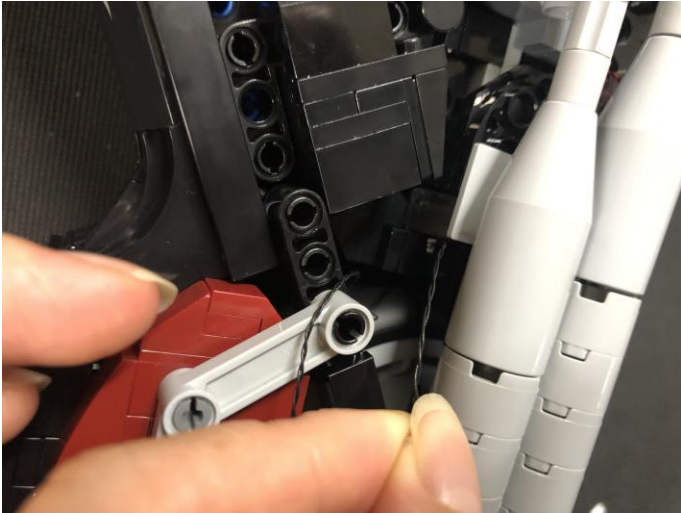
Take a blue 15cm dot light, repeat the steps above to install the other light. Take a 15cm connecting cable, connect the cable to the expansion board.



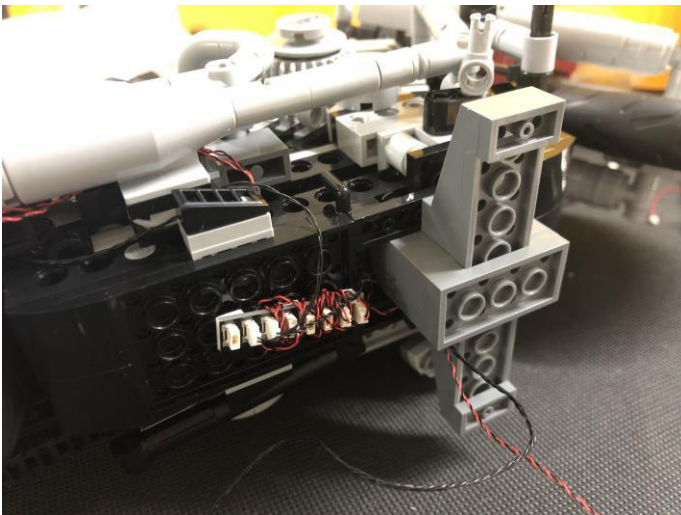
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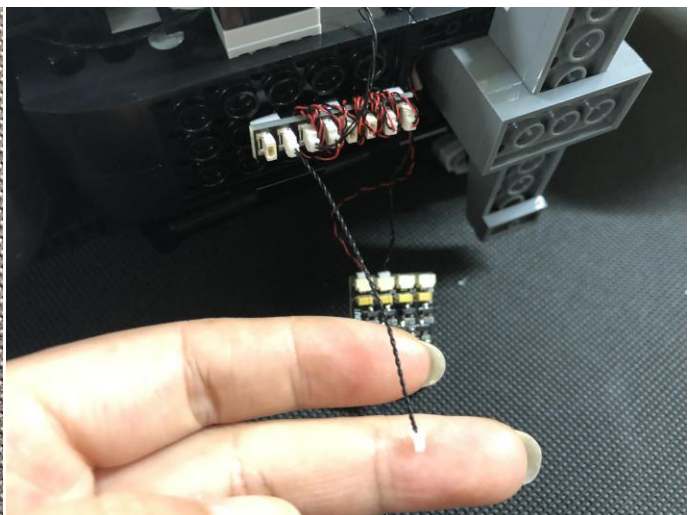
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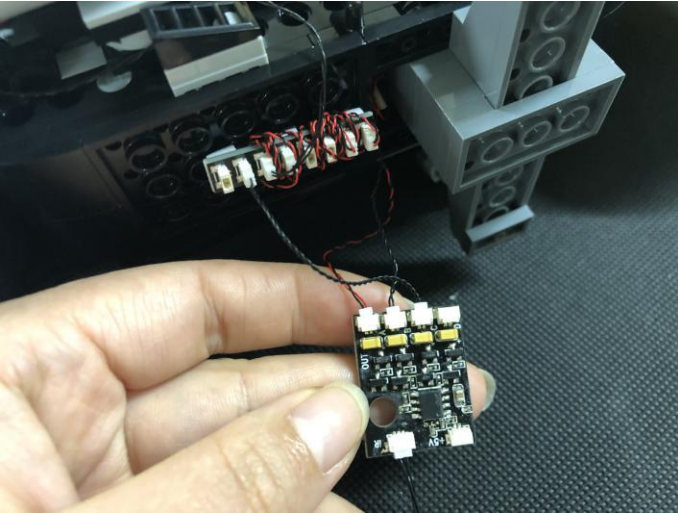
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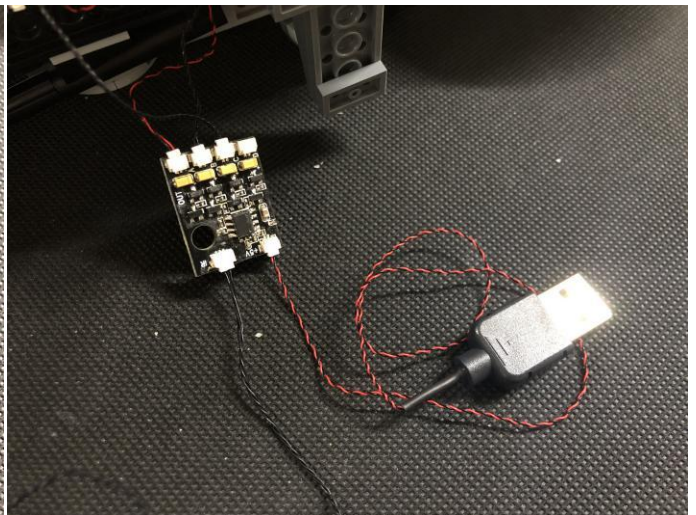
Take a 5cm connecting cable, connect it to the following expansion board.



41



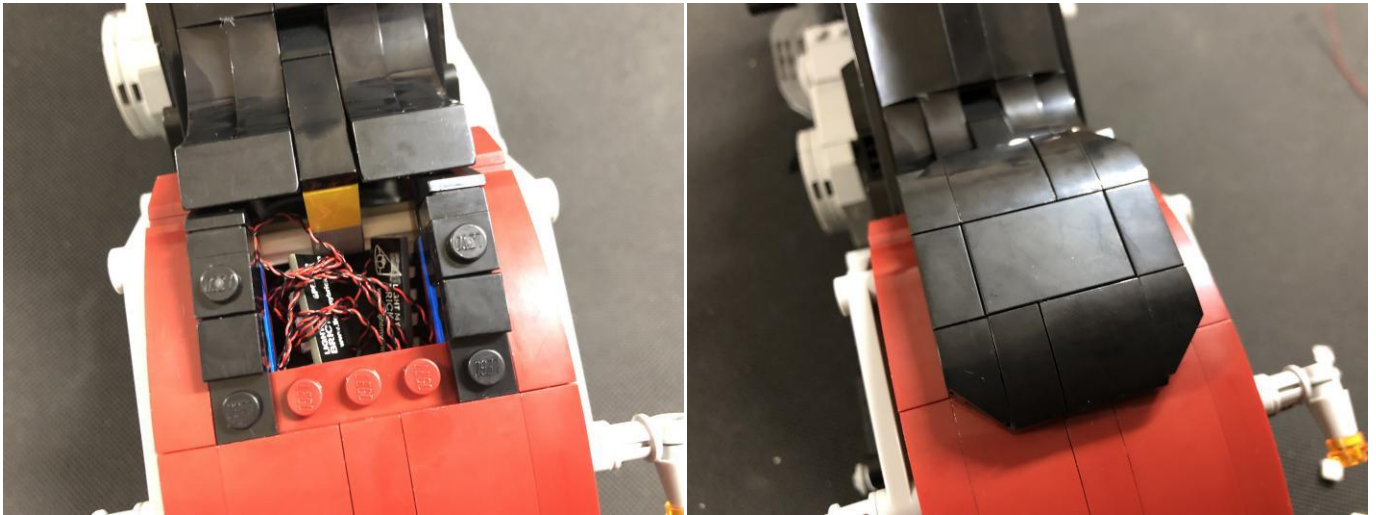
Take the USB cable, connect it to the remote control switch board.



42



43



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

