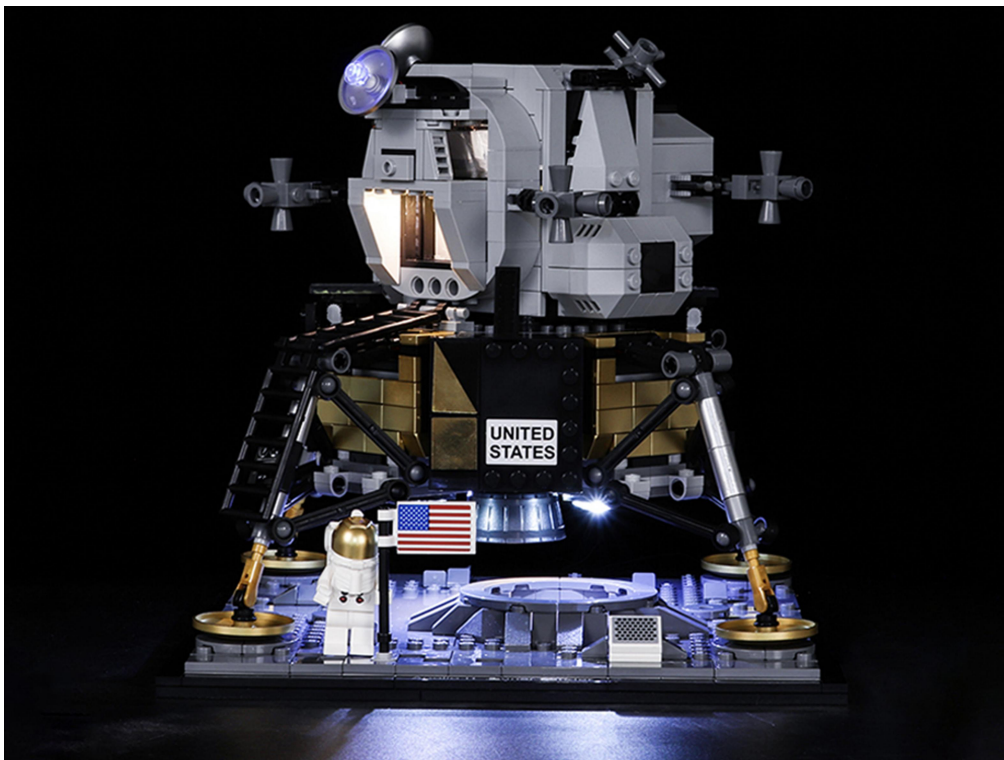


# 10266 NASA Apollo 11 Lunar Lander P136

- P136 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 “10266 P136”.
- 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 12 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	1
Bit Lights-15CM-White	Bit Lights-15CM-White	4
Headlights-15CM-Warm White	Headlights-15CM-Warm White	1
LED Strip Lights-Warm White	LED Strip Lights-Warm White	1
Expansion Board	6 Socket Expansion Board	2
Flat Battery Pack	Flat Battery Pack	1
Connecting Cables-5CM	Connecting Cables-5CM	1
Connecting Cables-15CM	Connecting Cables-15CM	2
Flashing Bit Lights-30CM-Blue	Flashing Bit Lights-30CM-Blue	1
Flicker-Effects Board	Flicker-Effects Board	1
Flashing Bit Lights-15CM-Blue	Flashing Bit Lights-15CM-Blue	1
Parts package		

Please contact us immediately if there have any missing components.

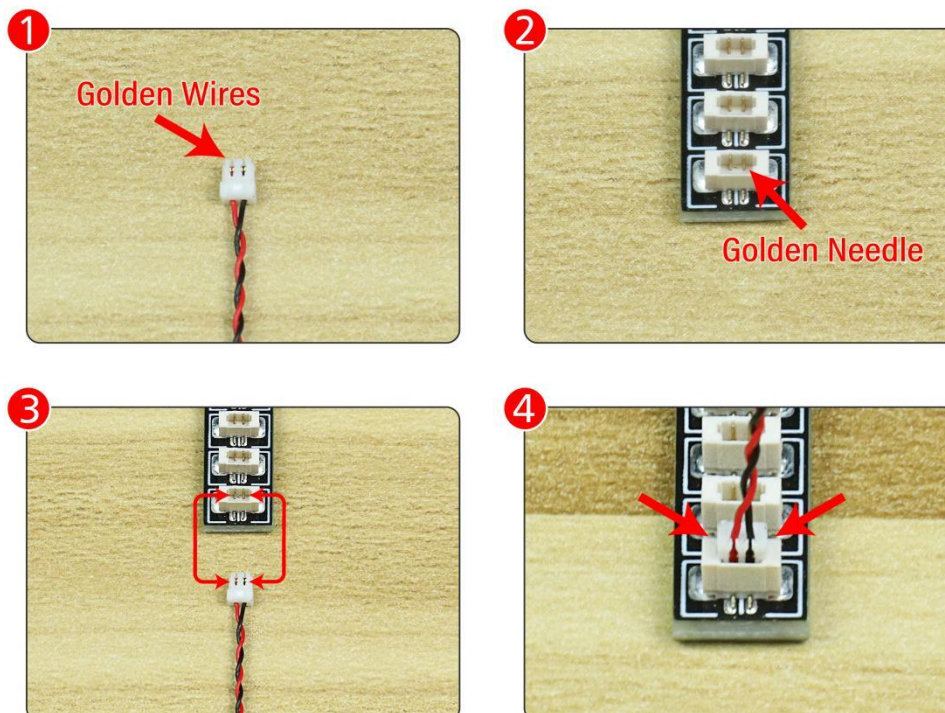
## Section B: Test that each components is working properly.

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



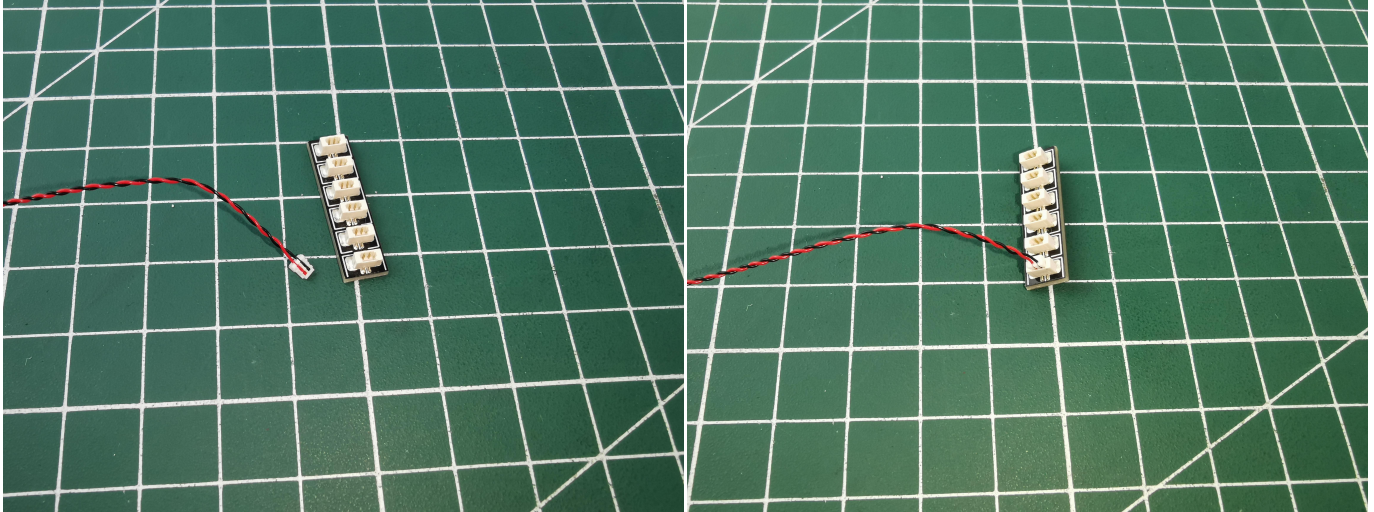
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.



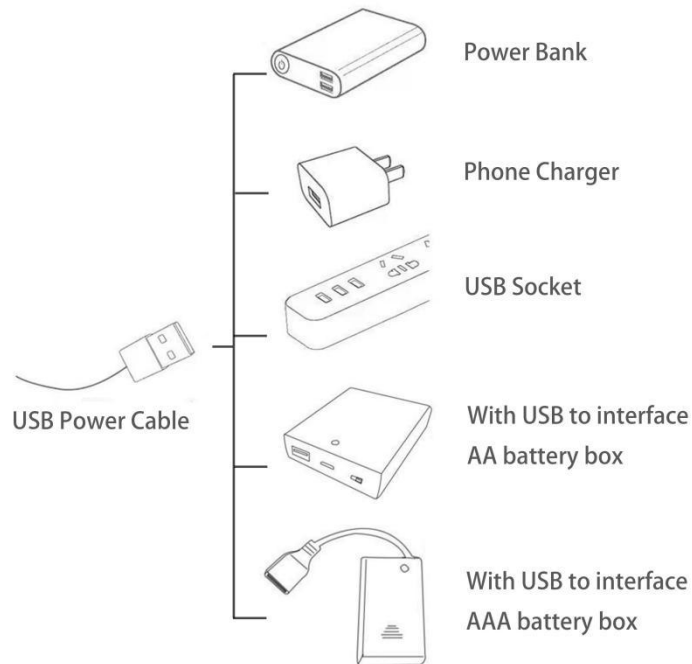
All our connections between plug and socket are all the same as shown above. So for any such structure with plug and socket, please pay attention to the golden wire of the plug and the golden needle of the socket, they must be touched together.

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.

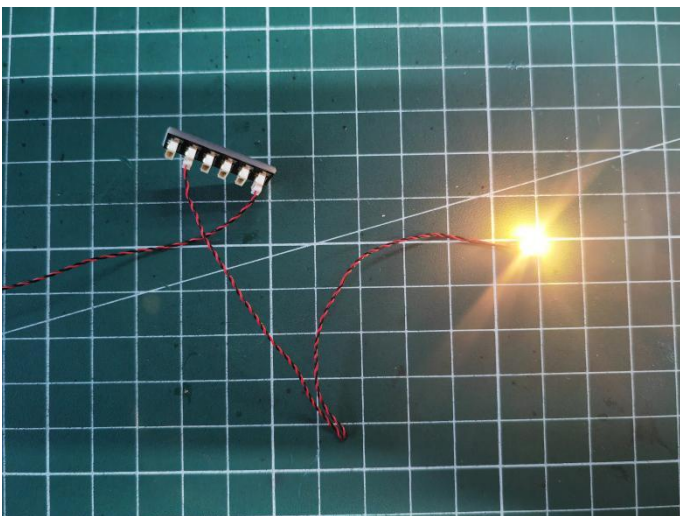
### USB connectors to connect devices



**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.**

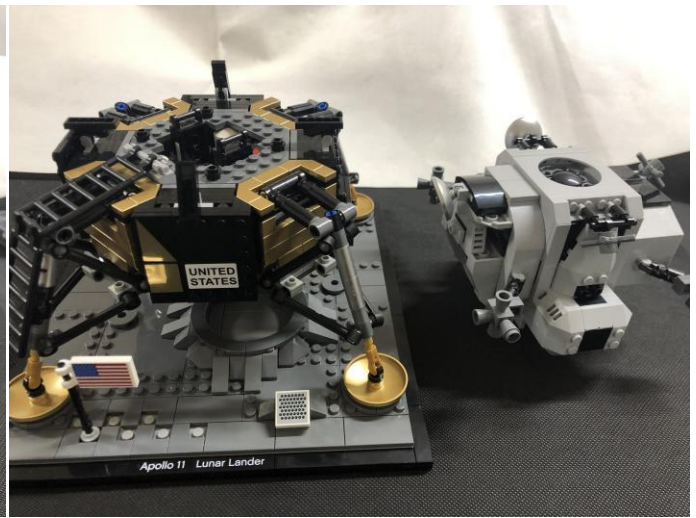
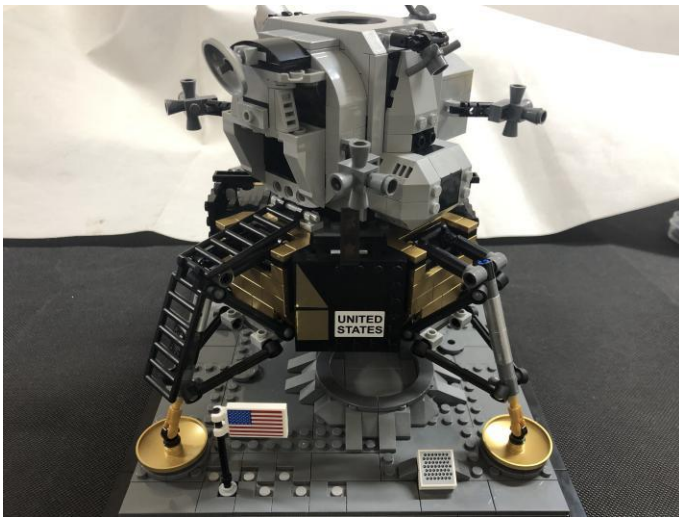


**The components needs to be tested in this set is 4\*Bit Lights-15CM-White,1\*Headlights-15CM-Warm White,1\*LED Strip Lights-Warm White,1\*Flashing Bit Lights-30CM-Blue,1\*Flashing Bit Lights-15CM-Blue.**

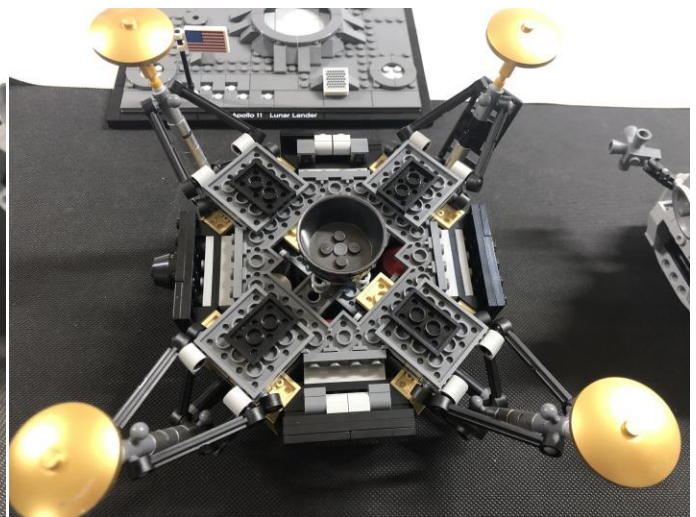
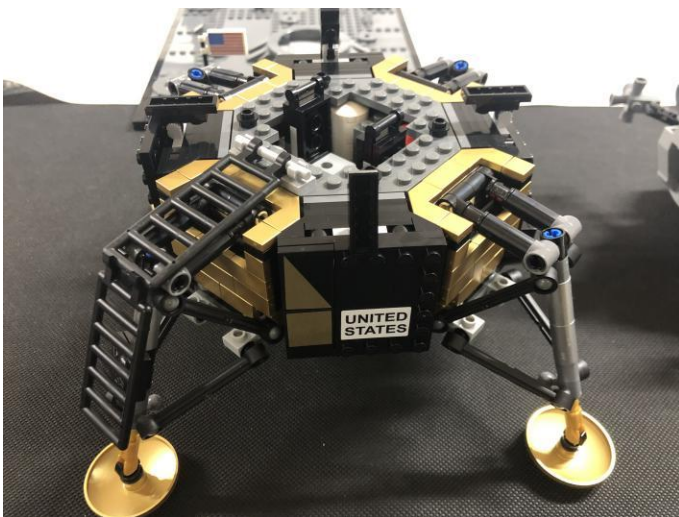
**Please contact us immediately if any components don't work.**

**Section C:** laying out components following the instruction.

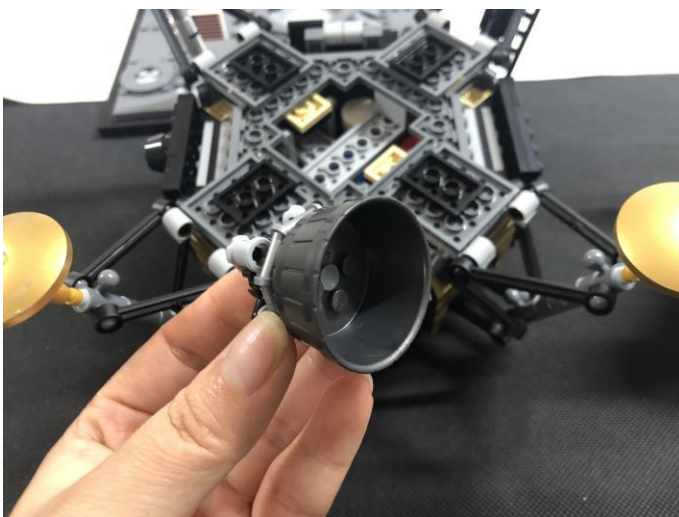
1



2

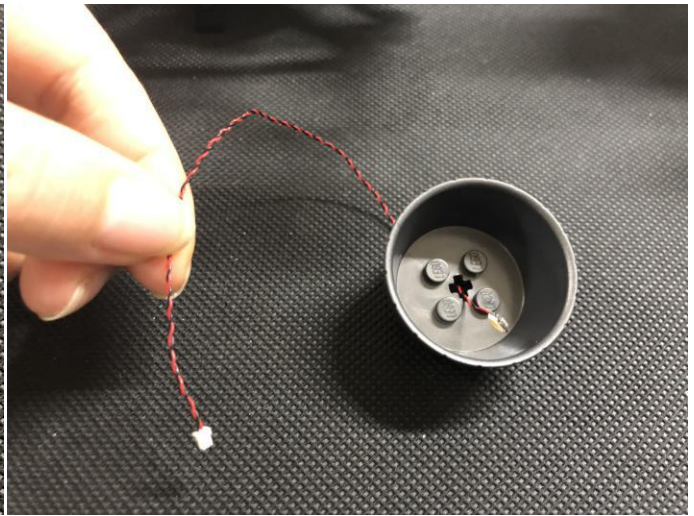
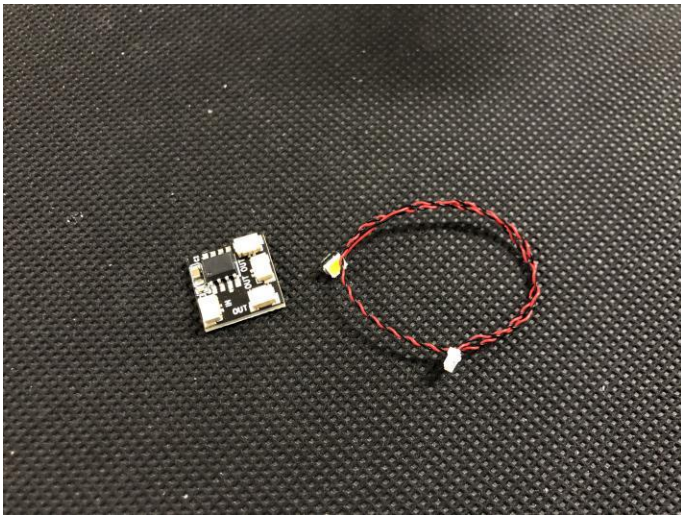


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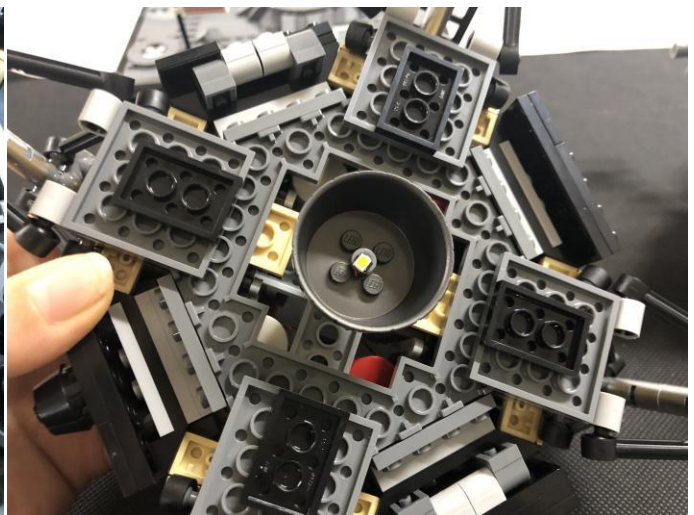
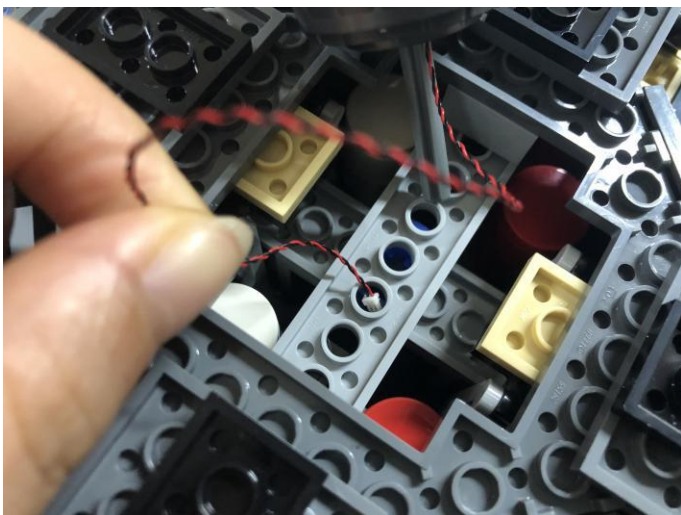
**4.** Take the Flicker Effects Board, a warm white 15cm light. Thread the connector through the cross hole, pull the cable out till the light is placed against the hole, reconnect the pieces we removed before.



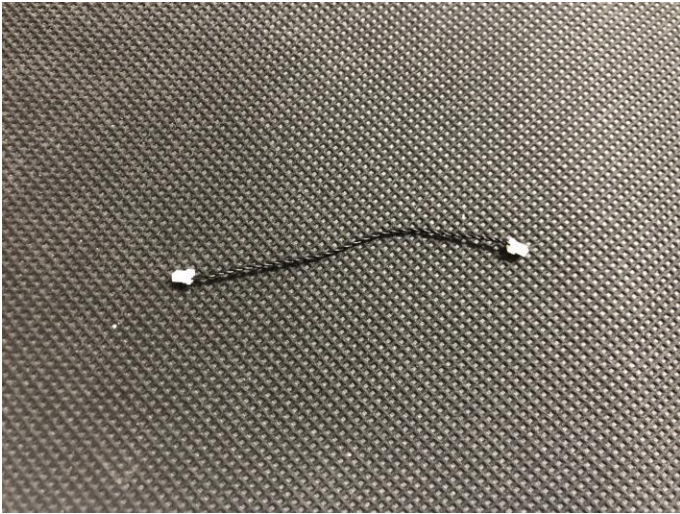
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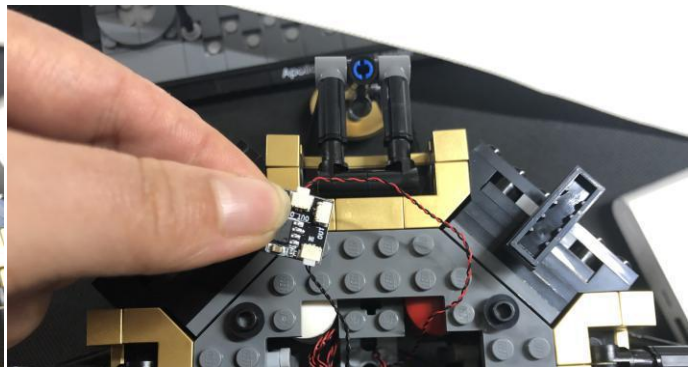
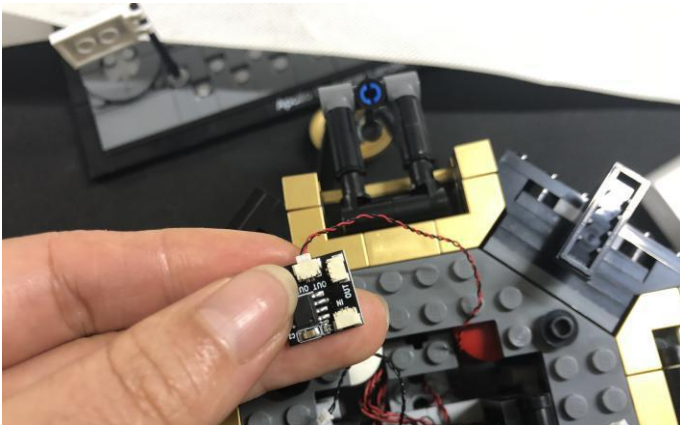
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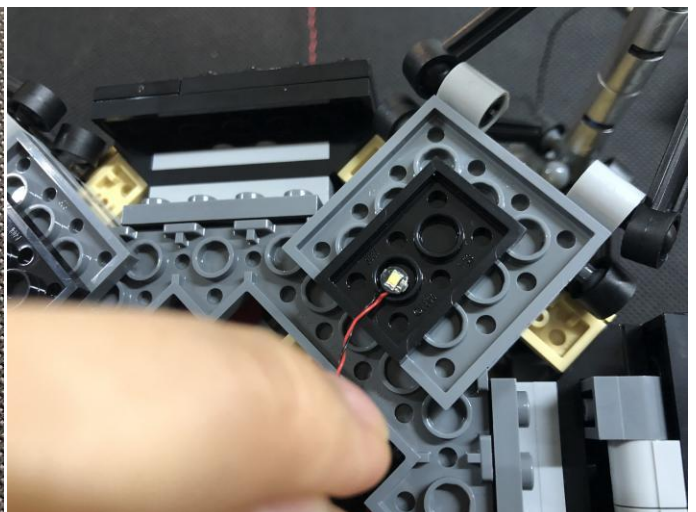
**7.** Take a 5cm connecting cable. Turn the lower section back, connect the connector of the light to the Flicker Effects Board, connect the 5cm connecting cable to the following port.



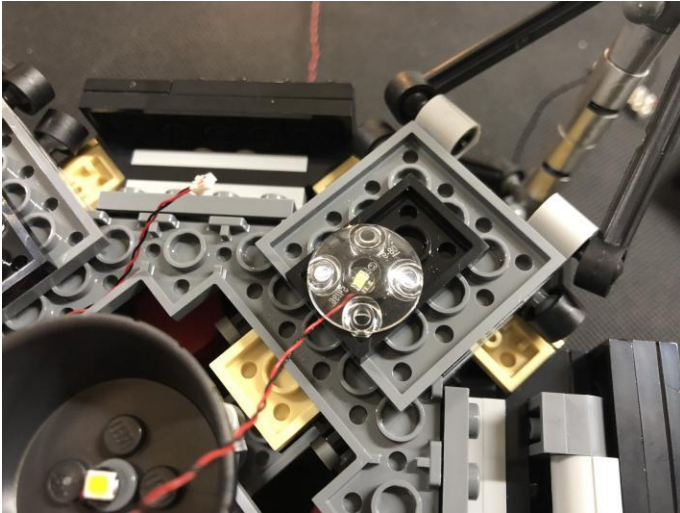
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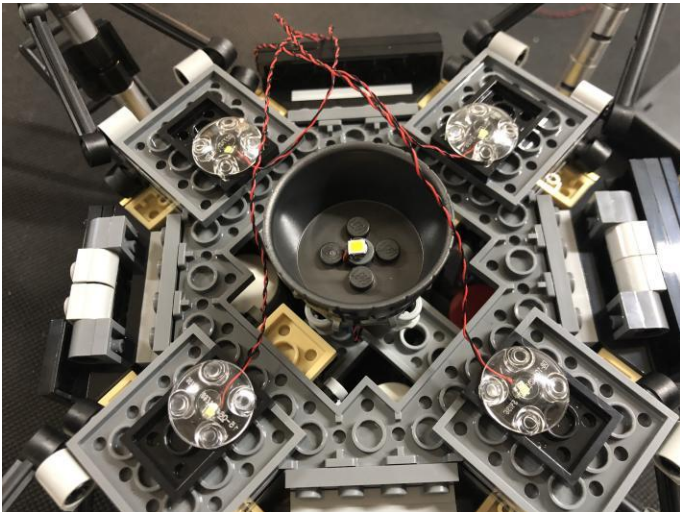
**9.** Take a white 15cm light, a 2x2 trans white piece, secure the light to the 2x3 black plate with the trans piece as per below.



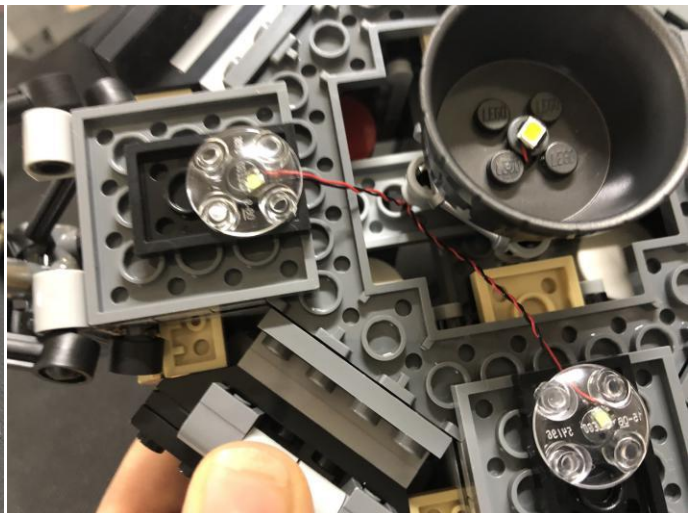
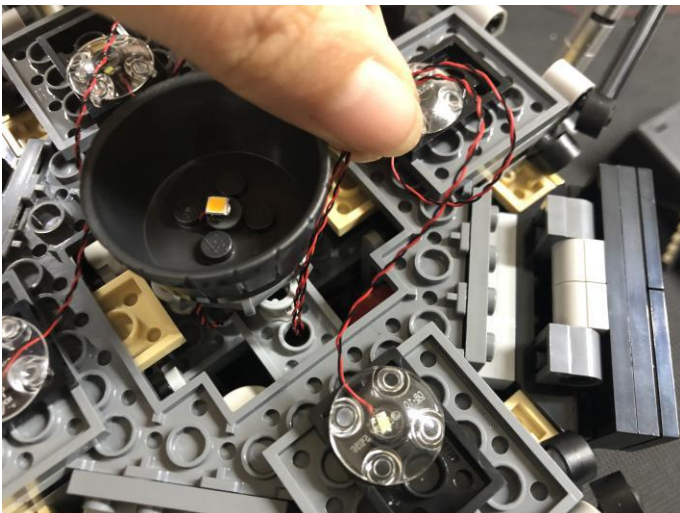
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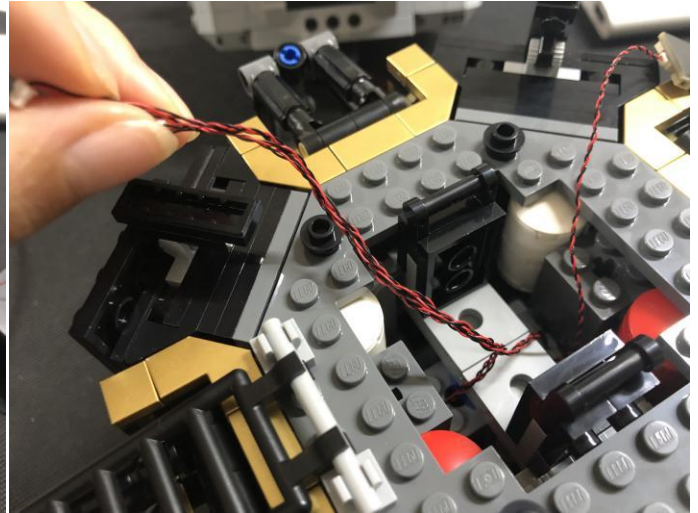
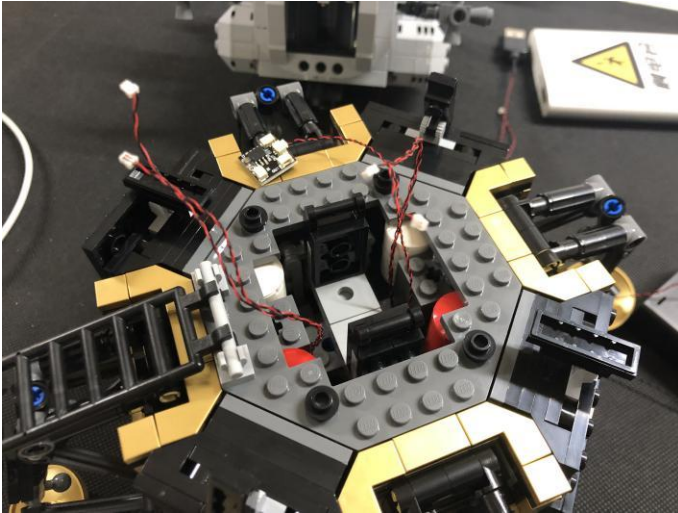
**11.** Take 3 white 15cm lights, 3 trans white 2x2 pieces, repeat the steps above to install the 3 lights.



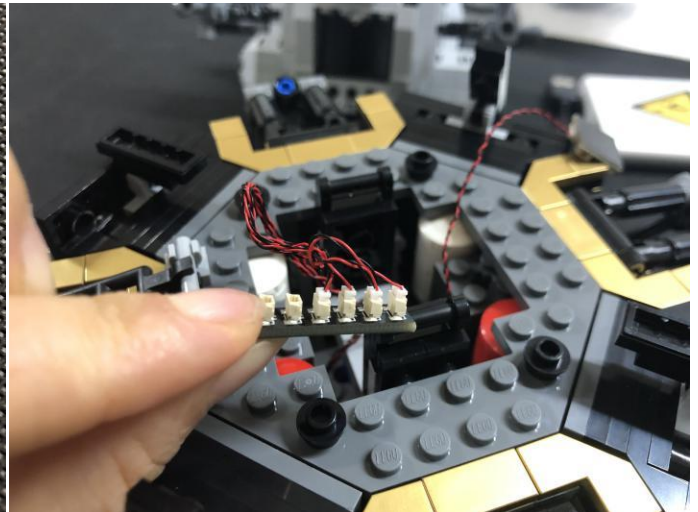
**12**



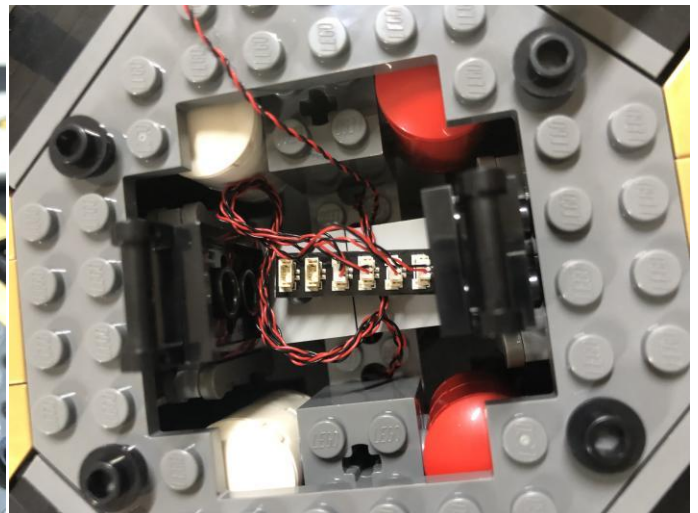
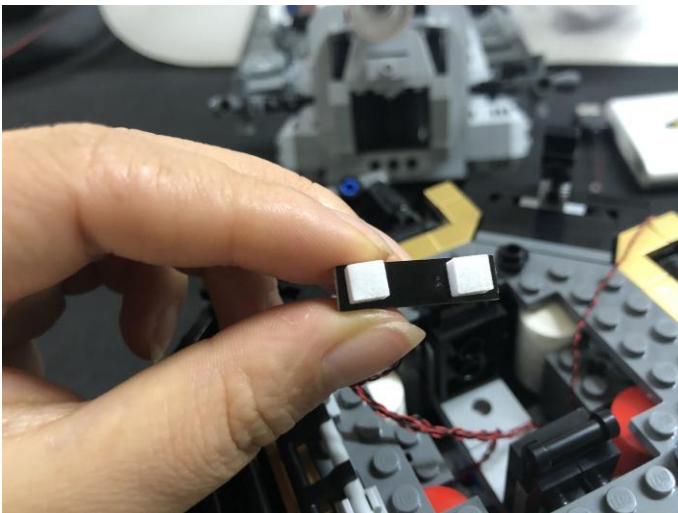
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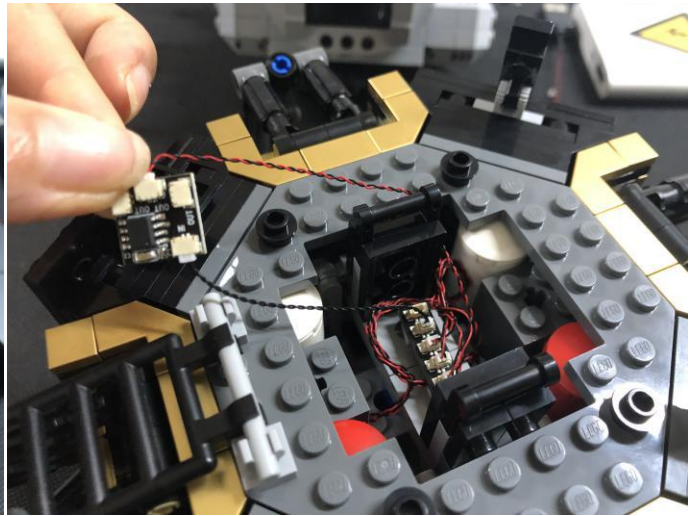
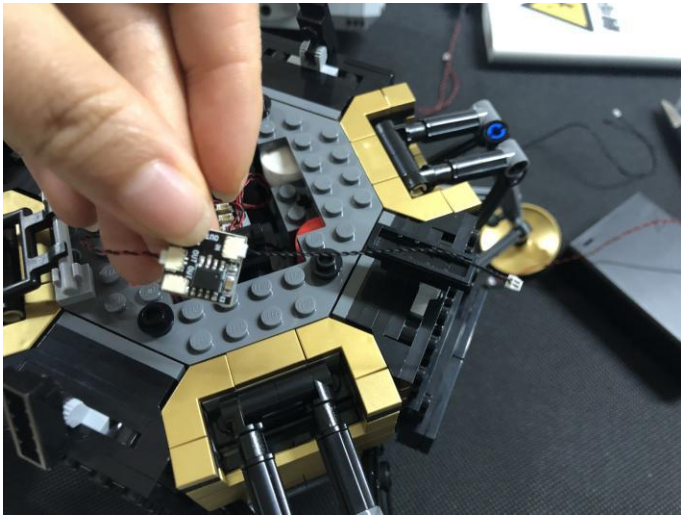
**14.** Take a 6-port expansion board, connect the 4 cables to it. Stick the expansion board to the following place.



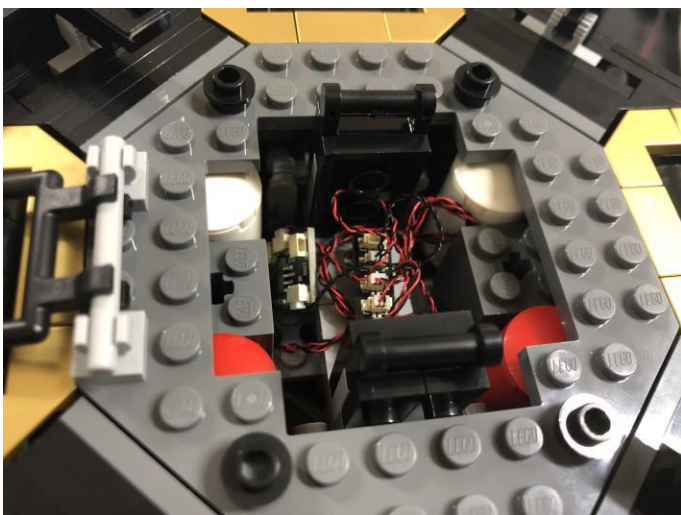
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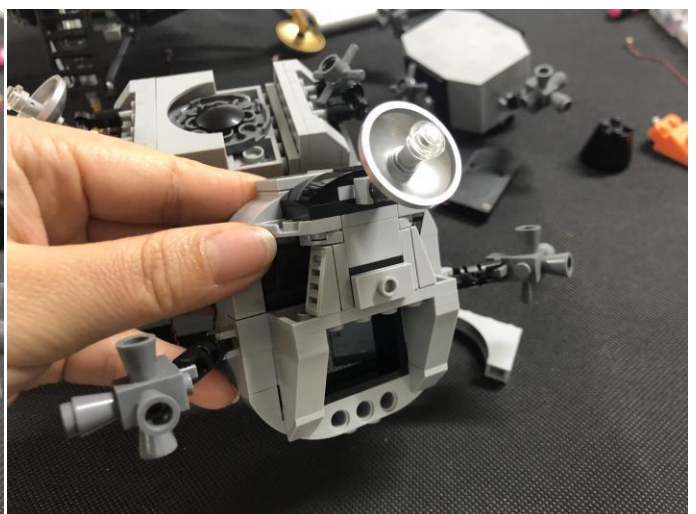
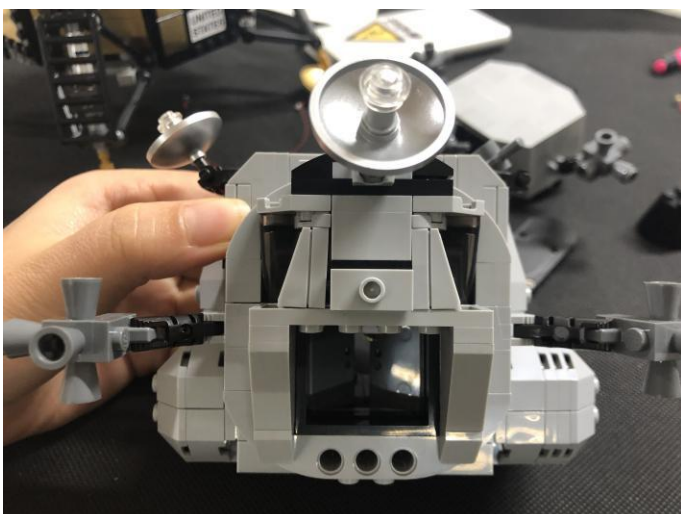
**16.** Connect the Flicker Effects Board to the expansion board, secure it to the following place.



**17**



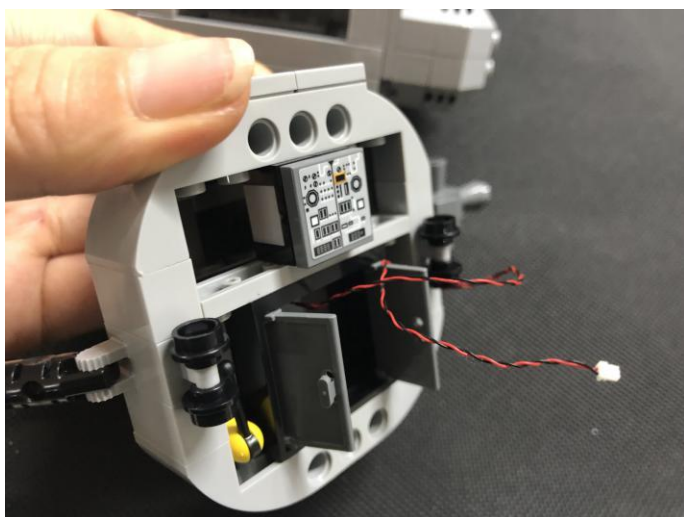
**18**



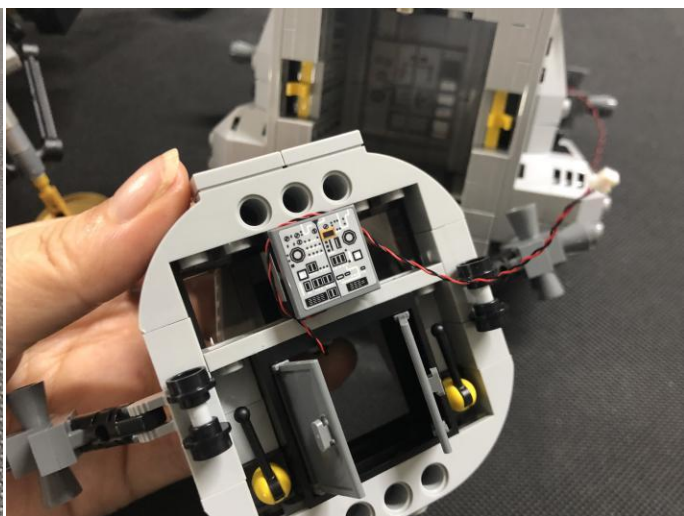
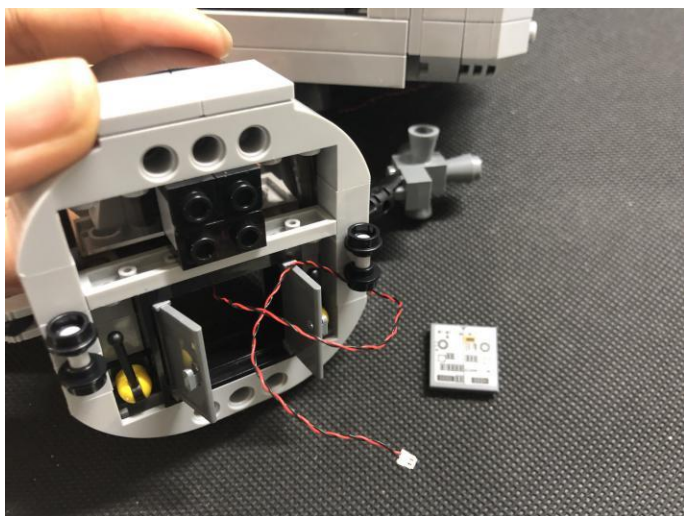
**19.** Take a warm white 15cm dot light, stick it to the following place.



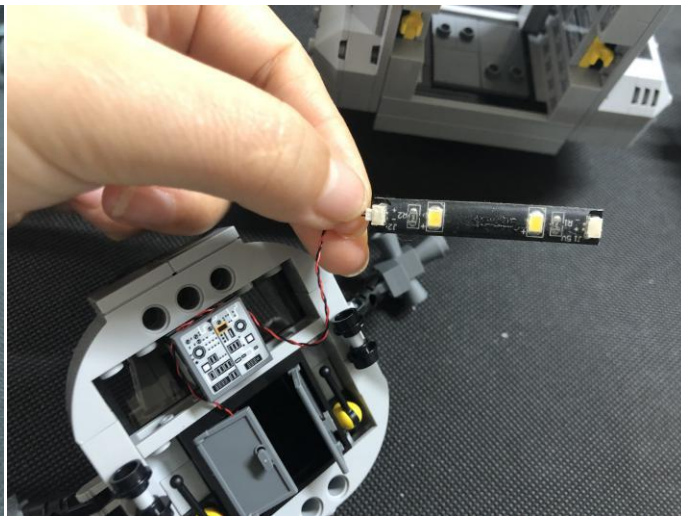
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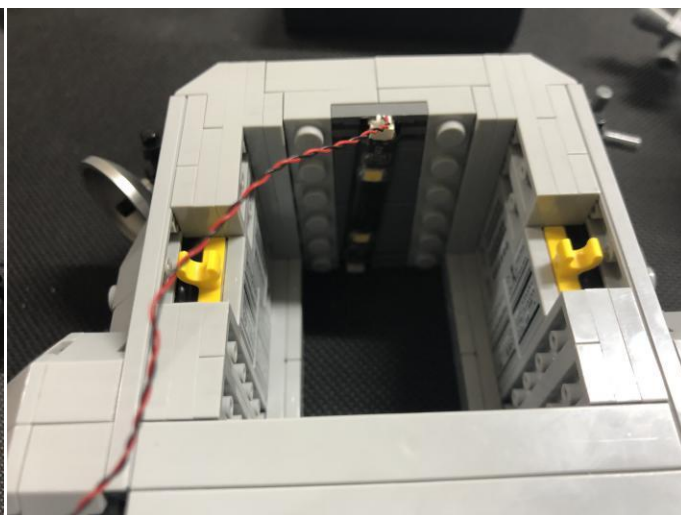
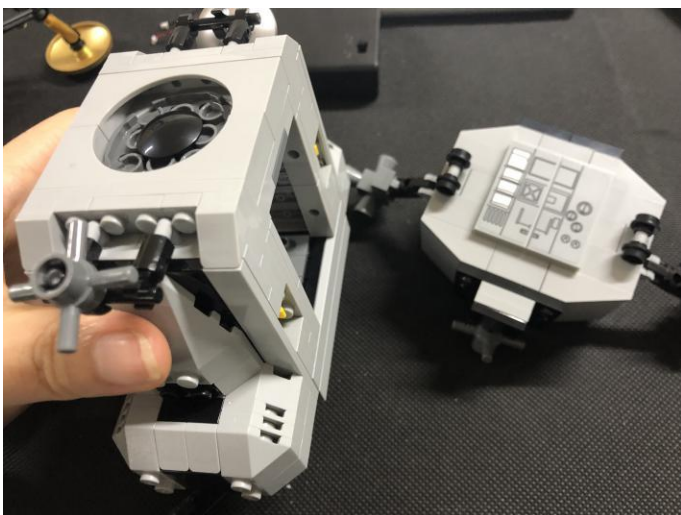
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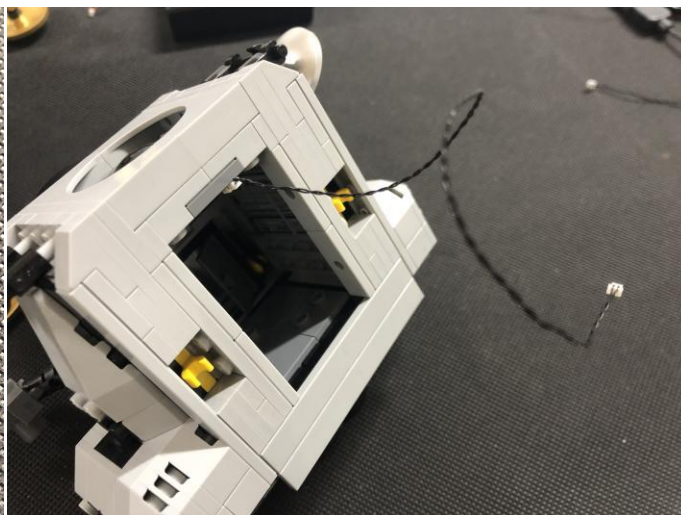
**22.** Take a warm white strip light, connect the connector of the previous light to the strip light.



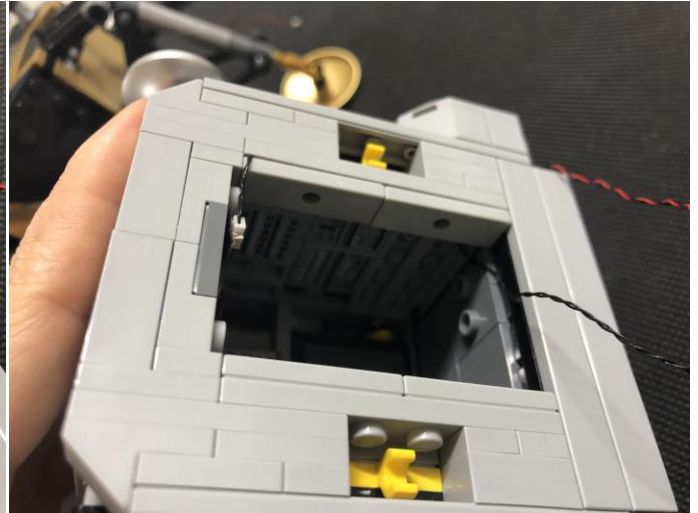
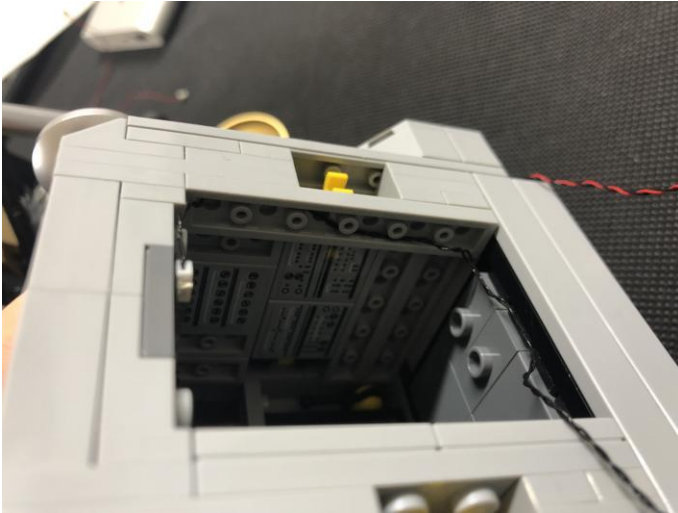
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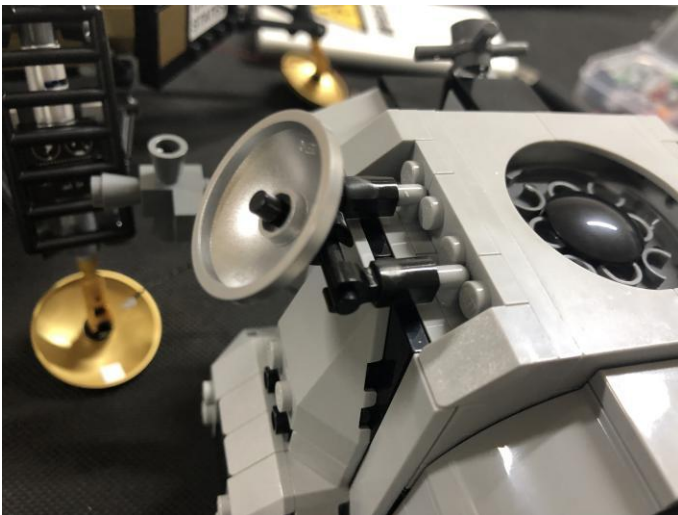
**24.** Take a 15cm connecting cable, connect it to the other end of the strip light.



**25**



**26**

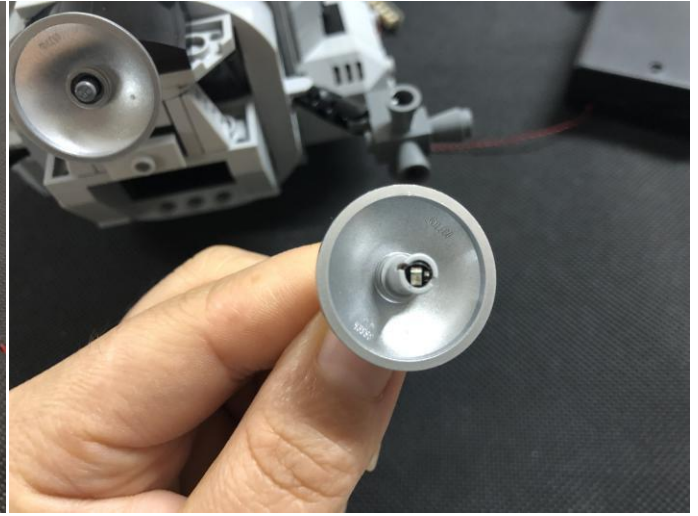
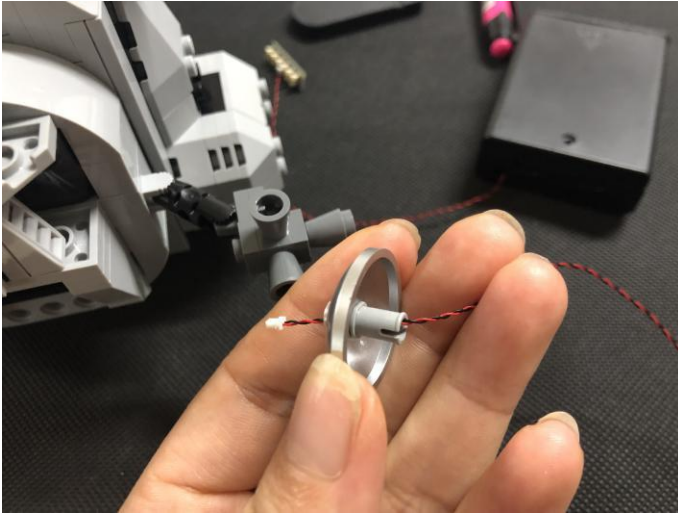


**27.** Take the following piece, connect it to the signal tower.

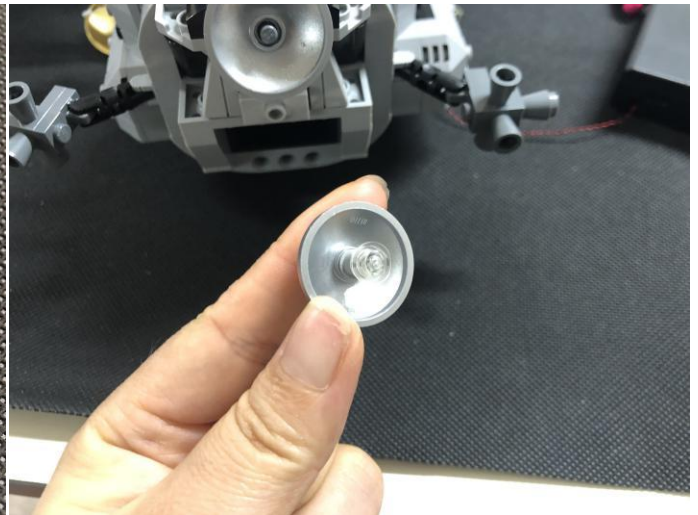




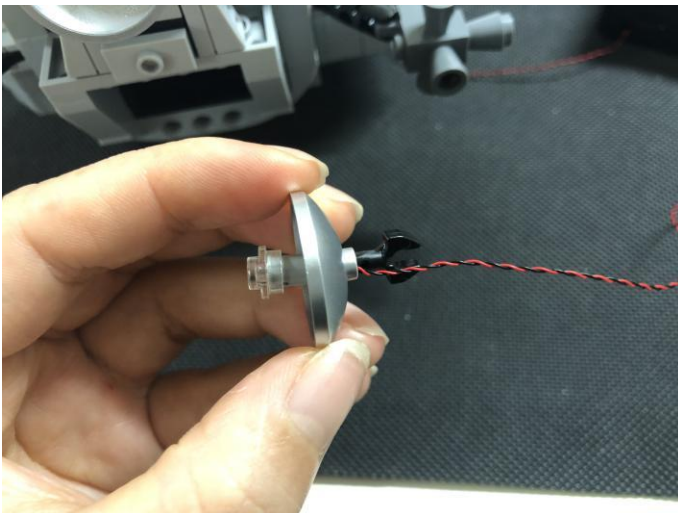
**28.** Take a 15cm flashing blue dot light, thread the connector through the center, pull the cable out



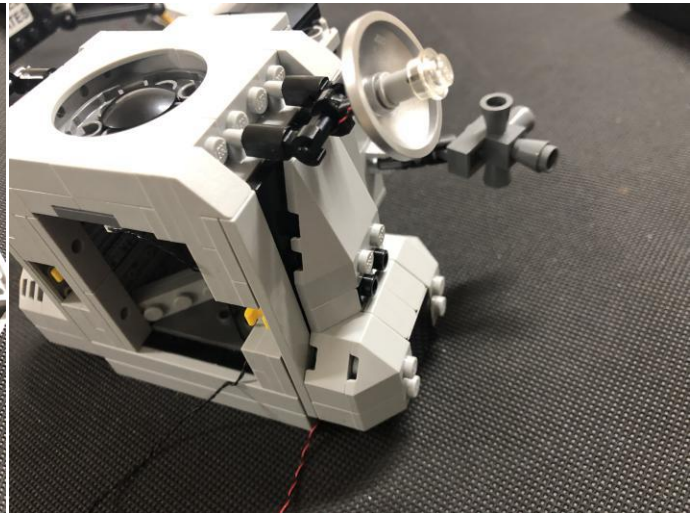
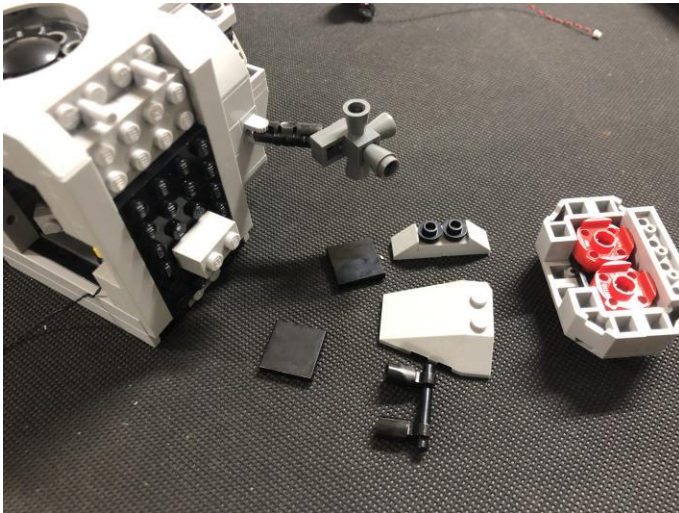
**29.** Take a trans 1x1 piece to secure the light, reconnect the black piece



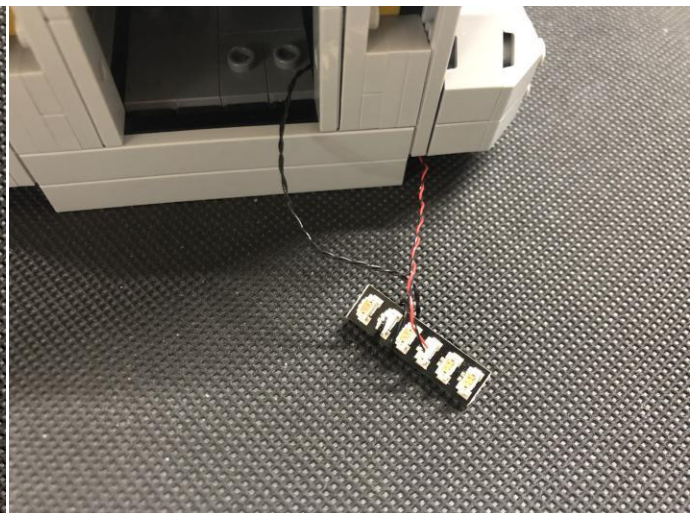
**30**



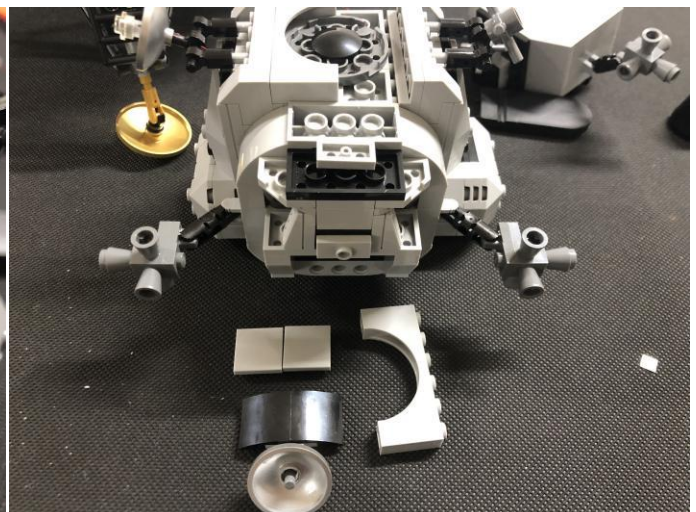
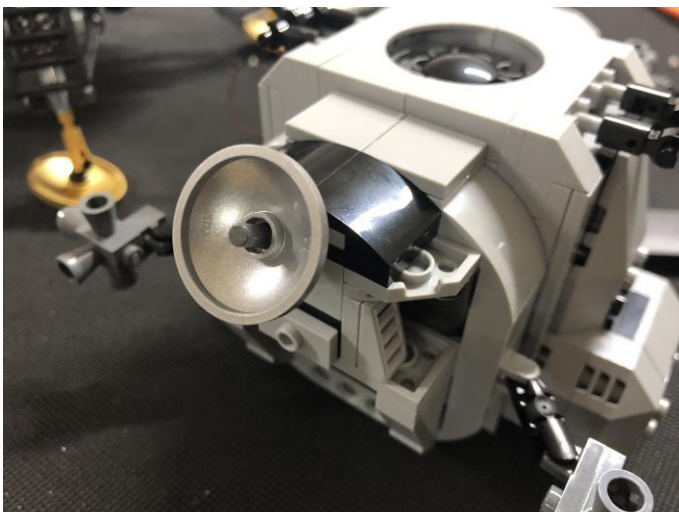
**31.** Remove the following pieces to hide the cable



**32.** Take a 6-port expansion board, connect the cables of the strip light and the light from the signal tower to it



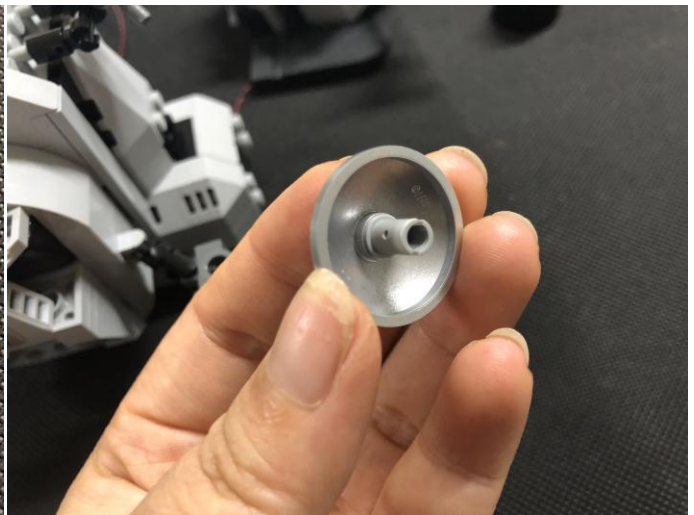
**33.** Remove the following pieces



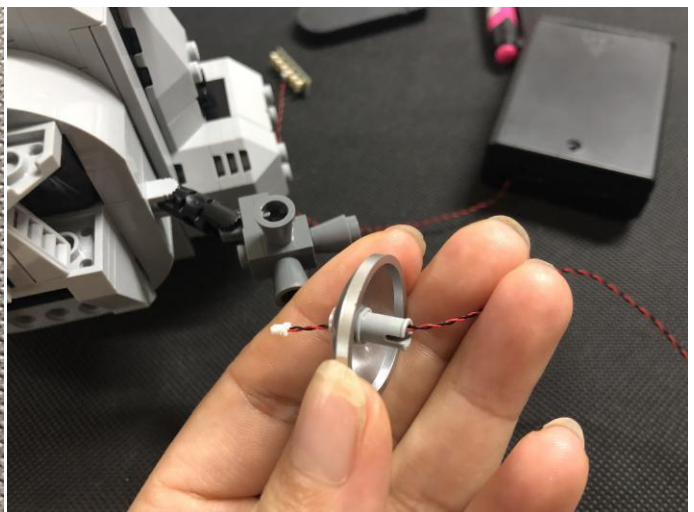
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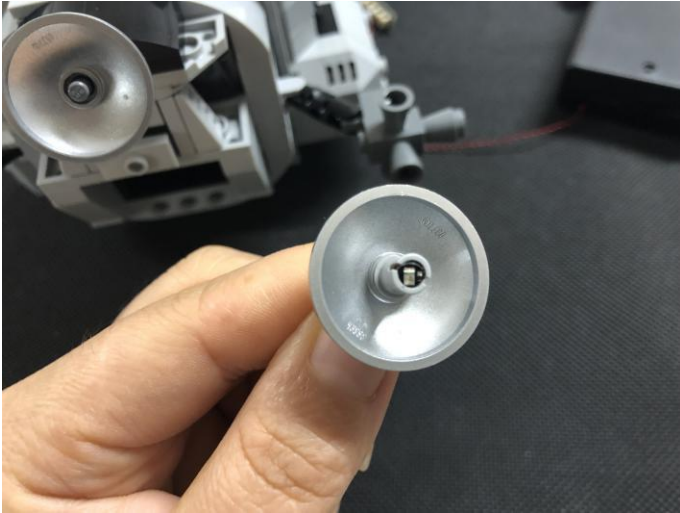
**35.** Take the following piece, connect it to the signal tower



**36.** Take a 30cm flashing blue dot light, thread it connector through the hole, then, pull the cable out



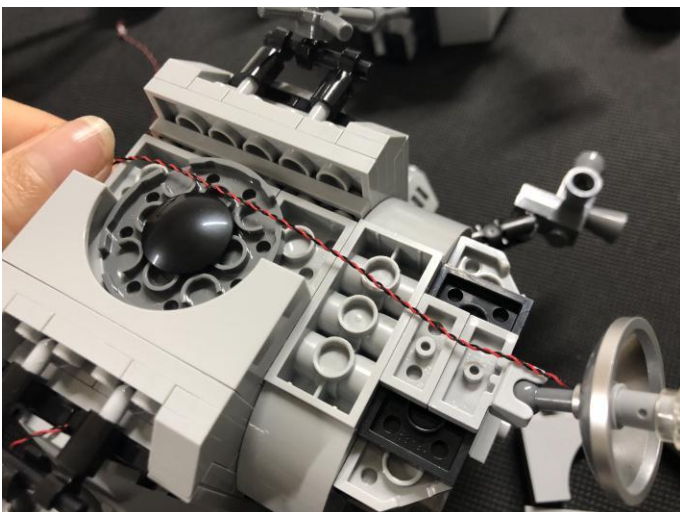
**37**



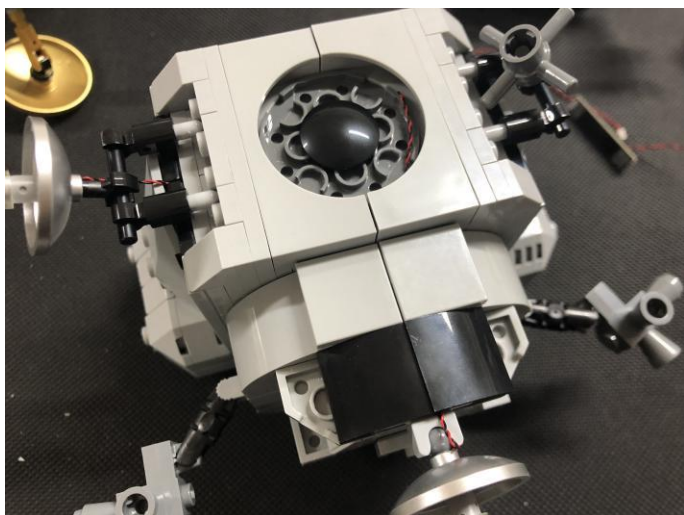
**38.** Take a trans 1x1 piece, secure it over the light, reconnect other pieces



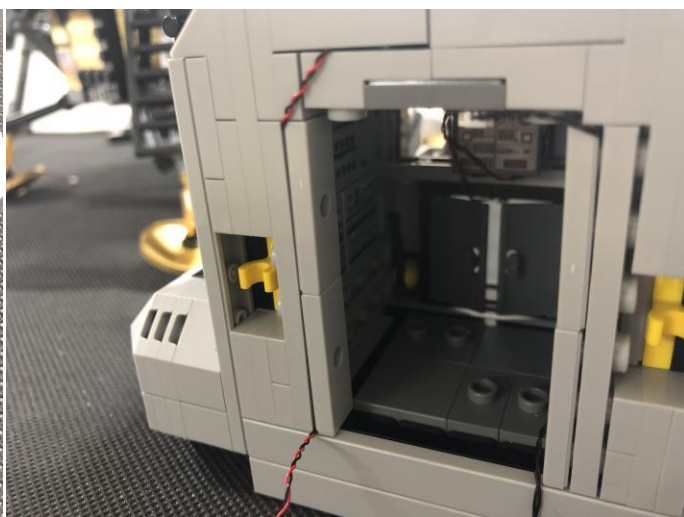
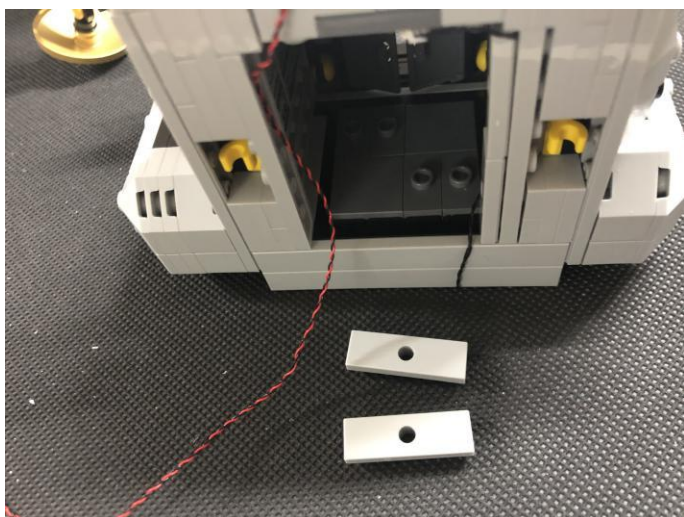
**39.** Pull the cable backward



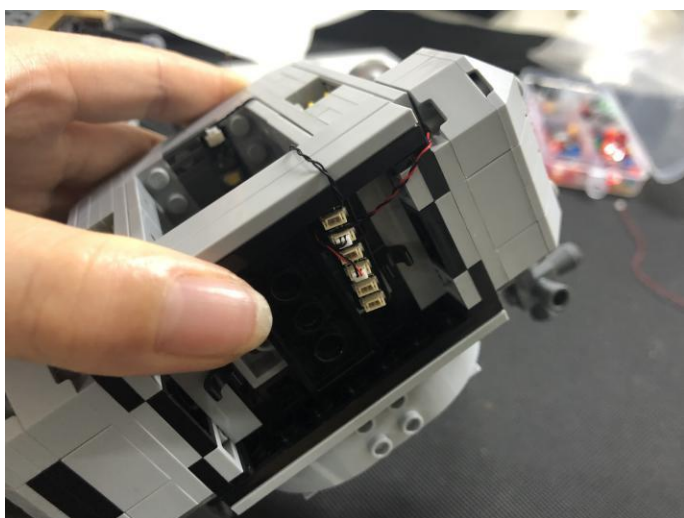
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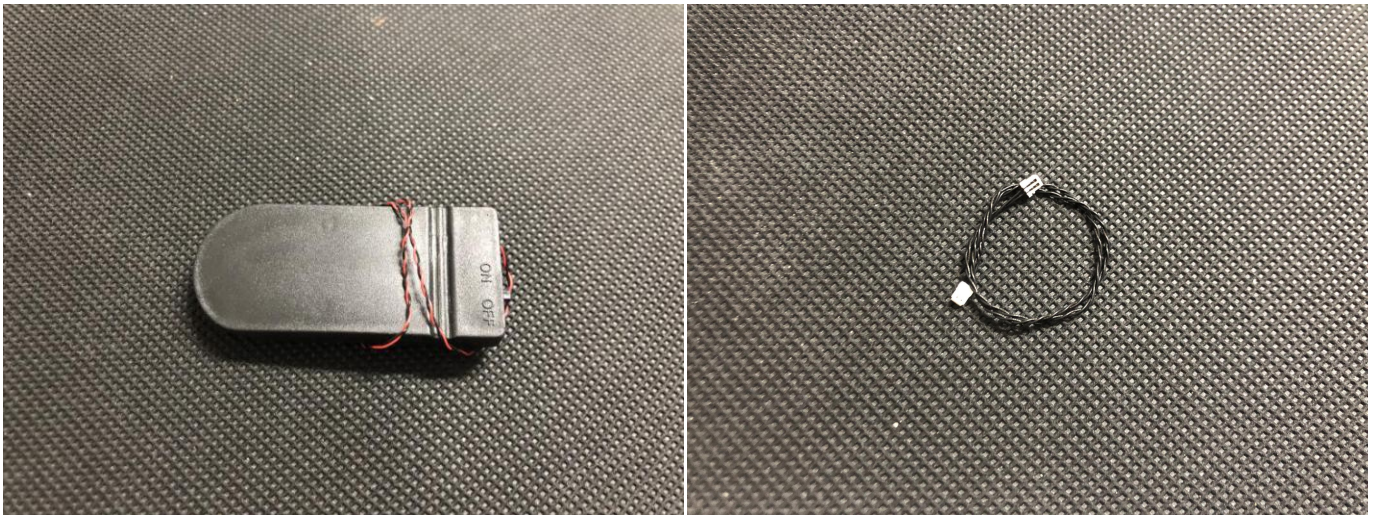
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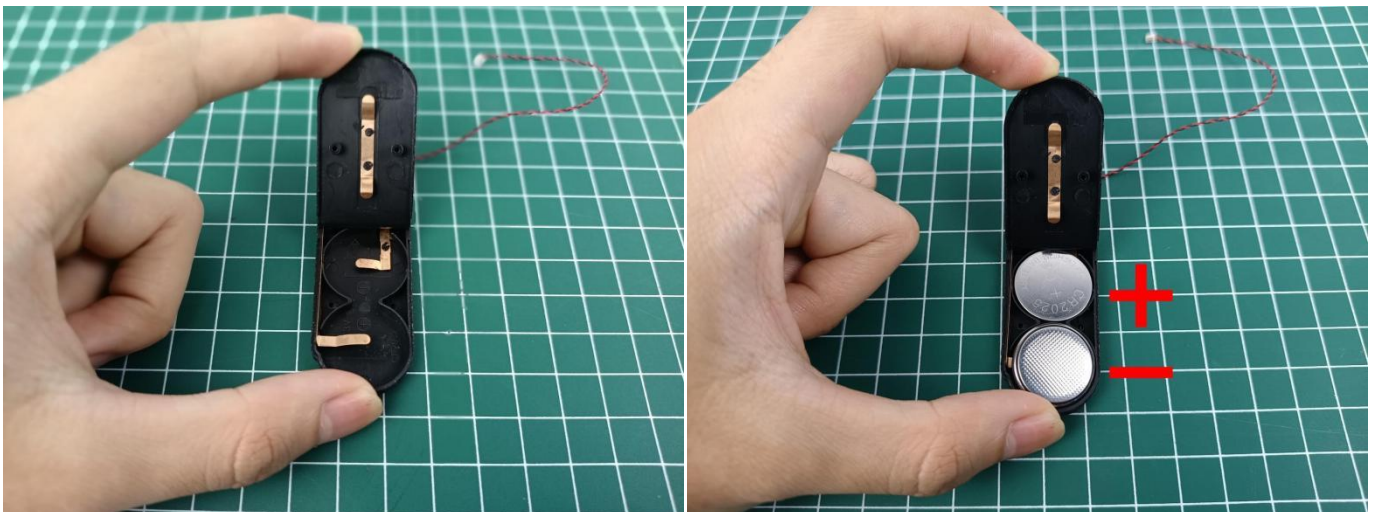
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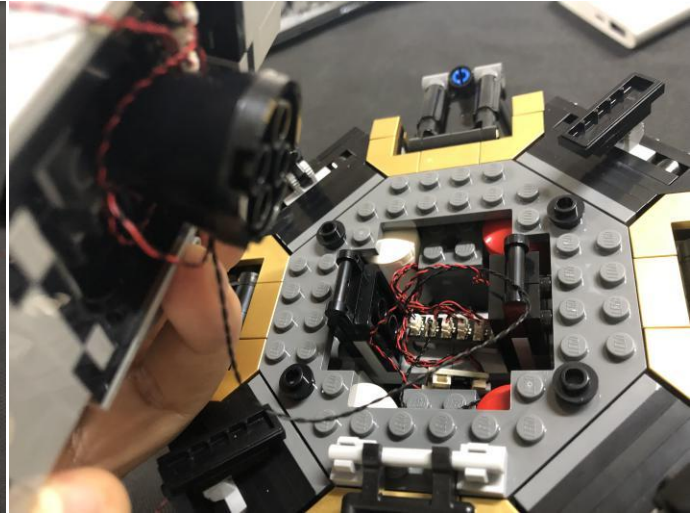
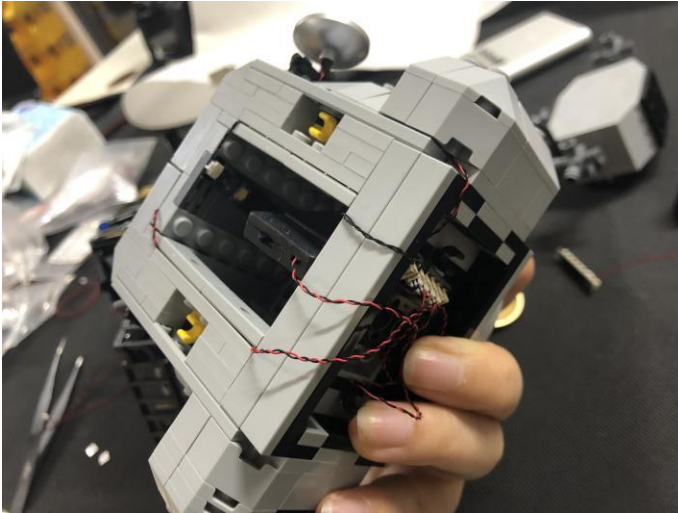
**43.** Take the Round Coin Cell Battery Pack, a 15cm connecting cable, connect the connecting cable and the cable of the Battery pack to the expansion board, connect the 15cm connecting cable to the spare port at the descending branch, place the Battery pack inside the cabin.



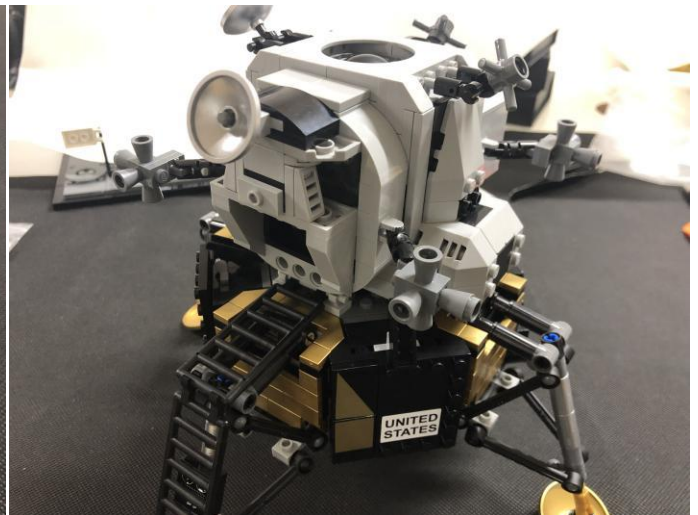
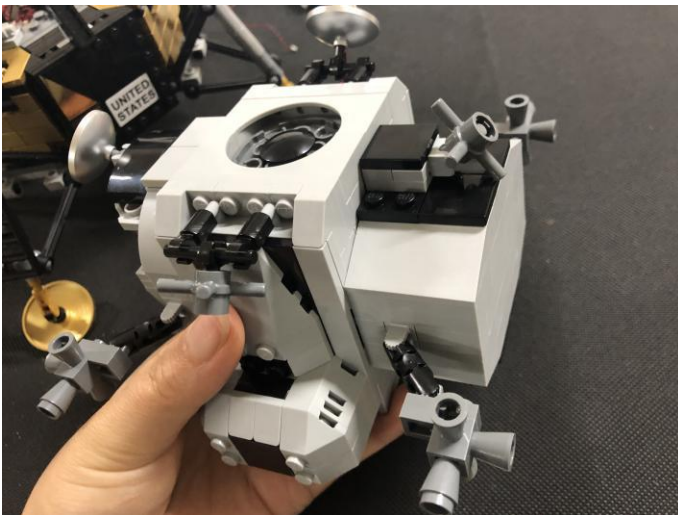
**44.** The flat battery pack does not contain batteries, please buy a 2025 or 2032 button battery in the nearest store and install it in the flat battery pack.



45



46



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

