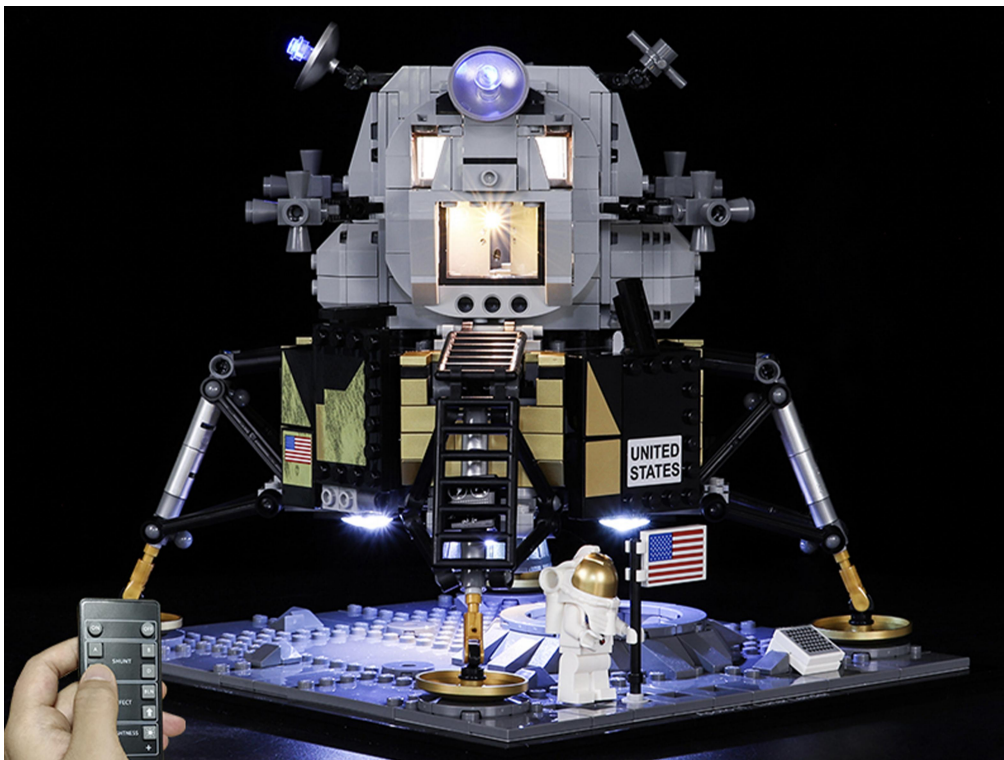


# 10266 NASA Apollo 11 Lunar Lander P13602

- P13602 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 P13602”.
- 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 9 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	4
Bit Lights-15CM-White	Bit Lights-15CM-White	4
Headlights-15CM-Warm White	Headlights-15CM-Warm White	2
Connecting Cables-5CM	Connecting Cables-5CM	3
Expansion Board	6 Socket Expansion Board	2
Flicker-Effects Board	Flicker-Effects Board	1
Remote Control Board	Remote Control Board	1
USB Power Cable	USB Power Cable-30CM	1
Parts package		

**Please contact us immediately if there have any missing components.**

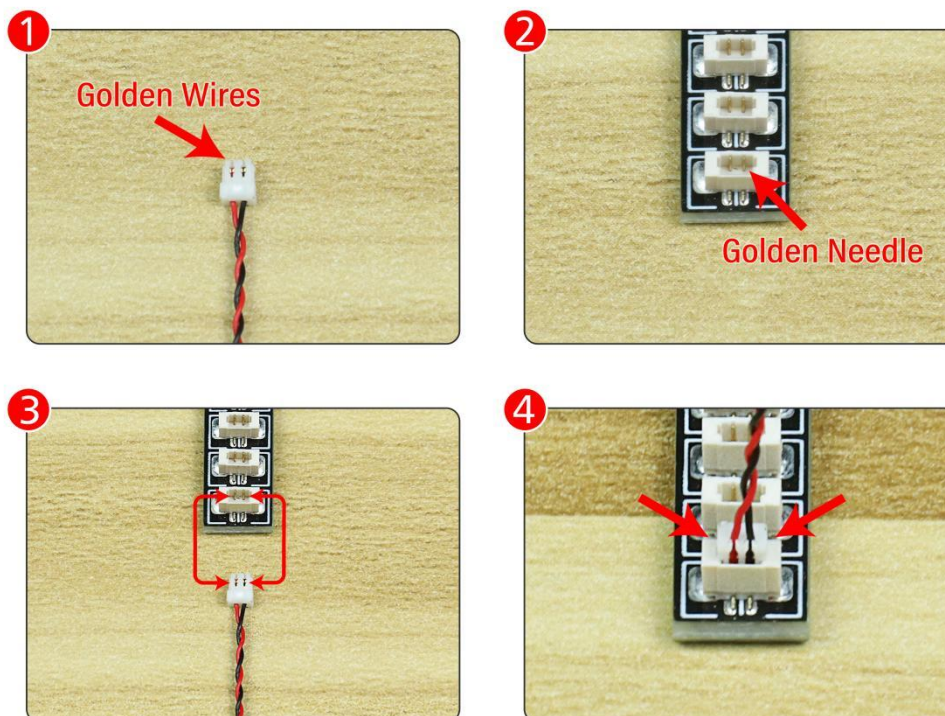
## Section B: Test that each components is working properly.

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



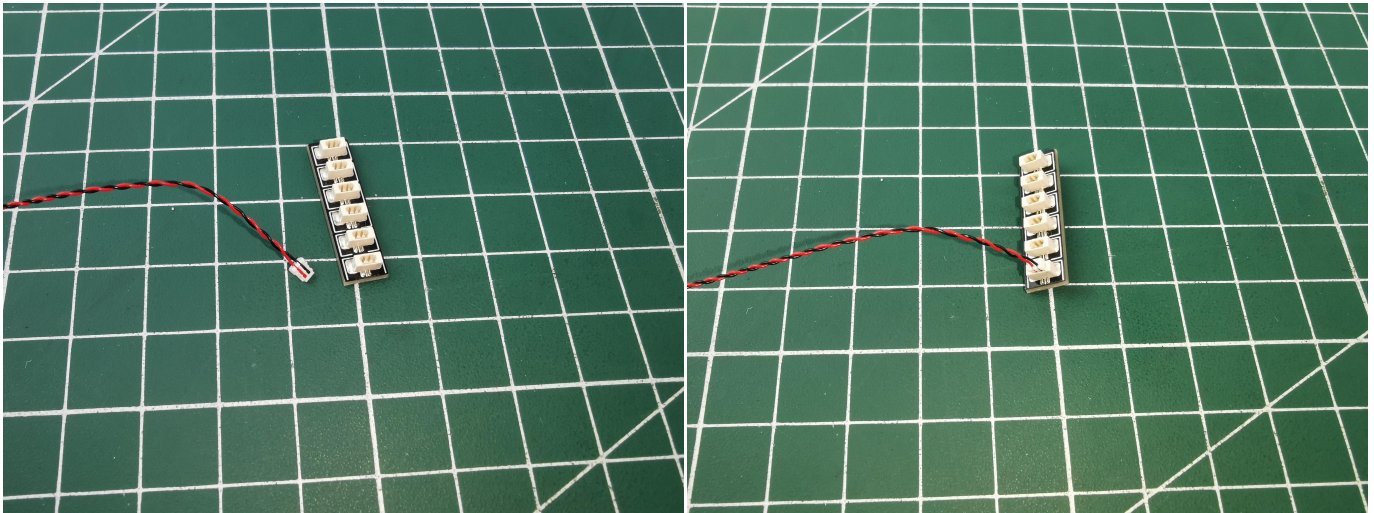
It is worth reminding that our products are all customized. They have a unique way of connecting. The white plug on wire and the socket of the expansion board need to be connected together to transmit power.

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.

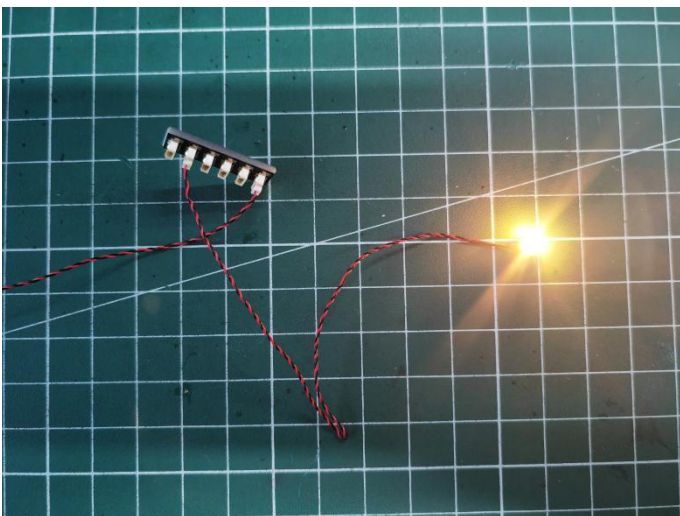
USB connectors to connect devices



**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.**

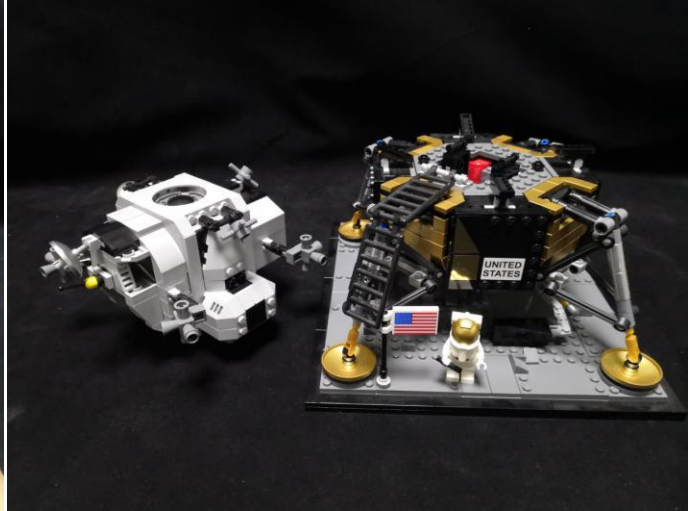
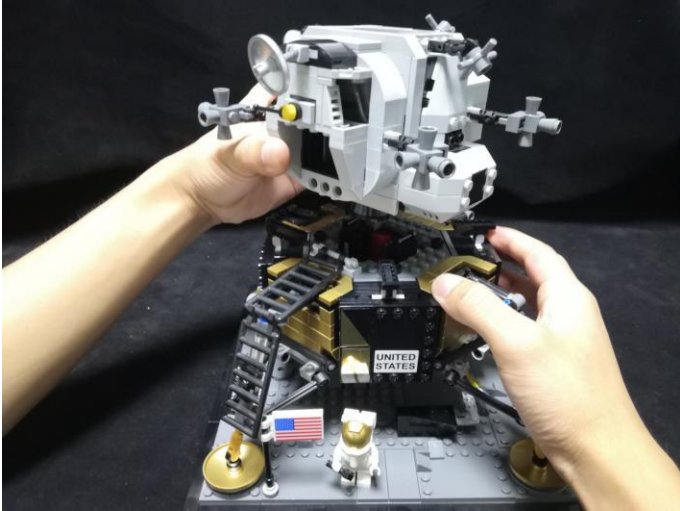


**The components needs to be tested in this set is 3\*Bit Lights-15CM-Warm White,4\*Bit Lights-15CM-White,2\*Headlights-15CM-Warm White.**

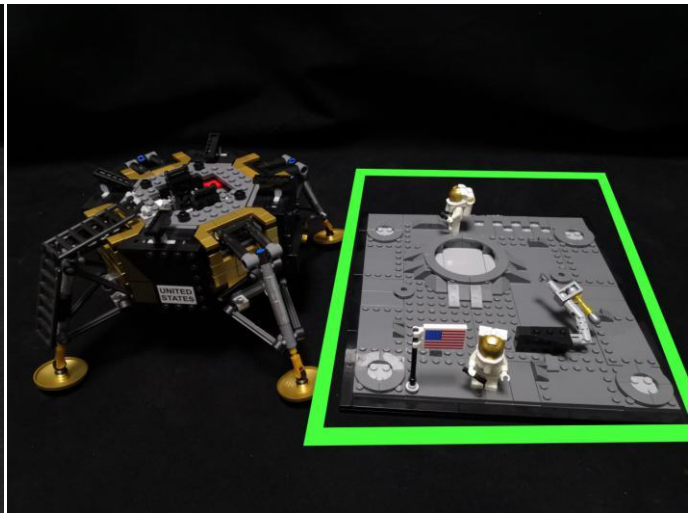
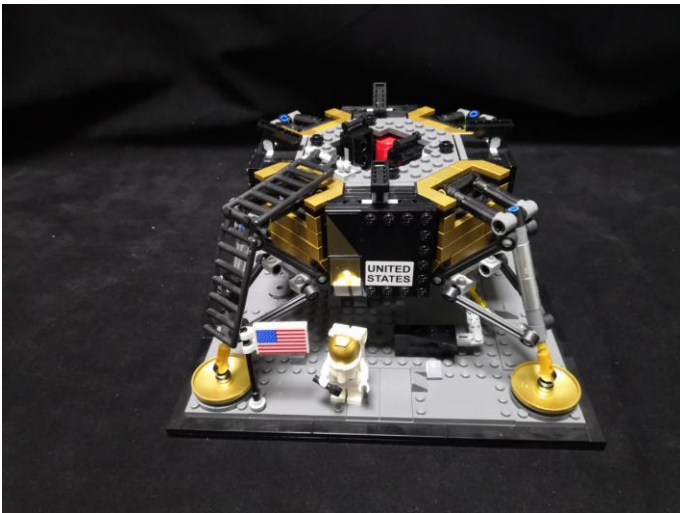
**Please contact us immediately if any components don't work.**

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

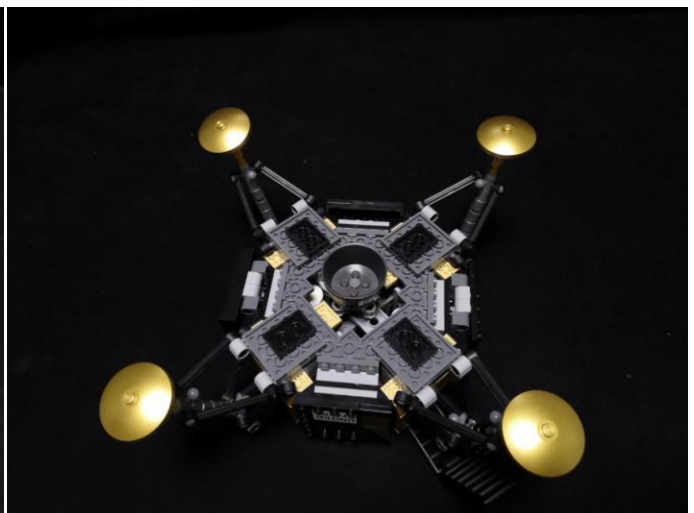
**1.** Start from separating the ascending part from the descending part.



**2.** Separate the descending part from the base.

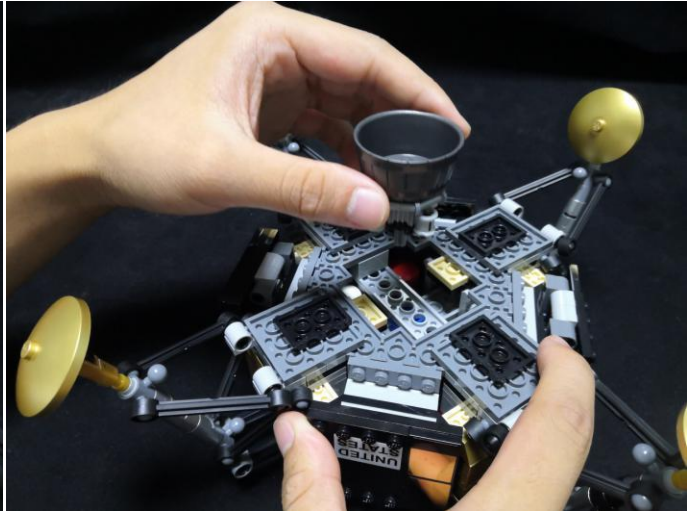
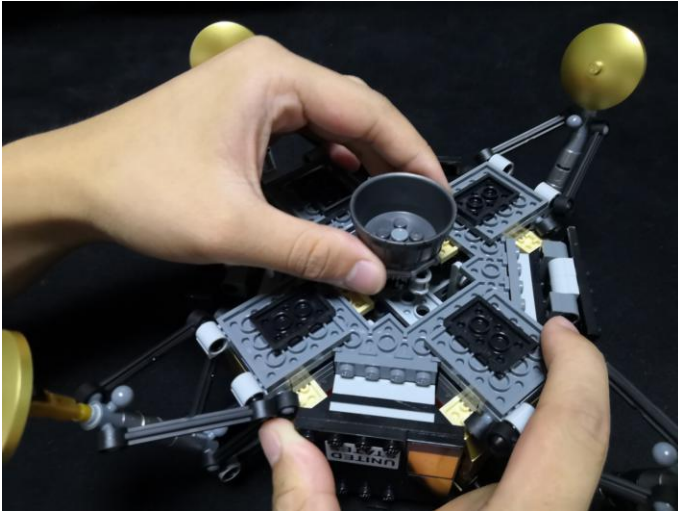


**3.** Take the descending part, turn it over.

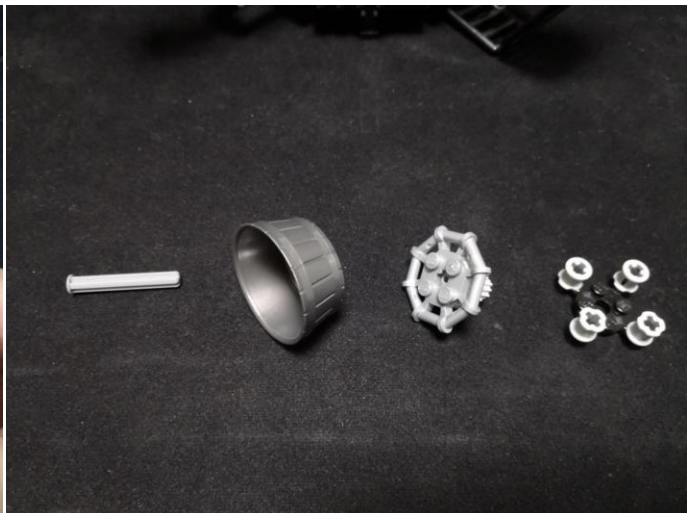
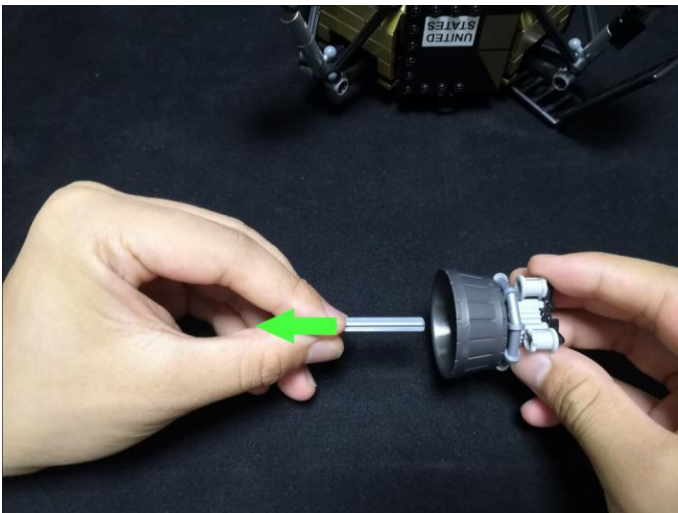




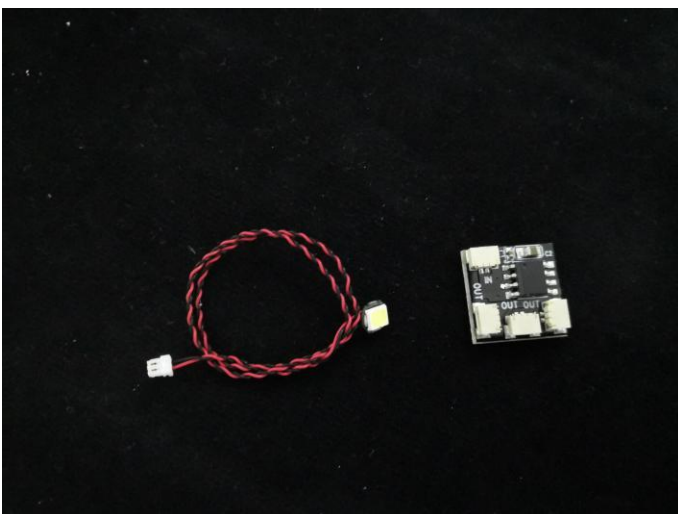
**4.Remove the following piece.**



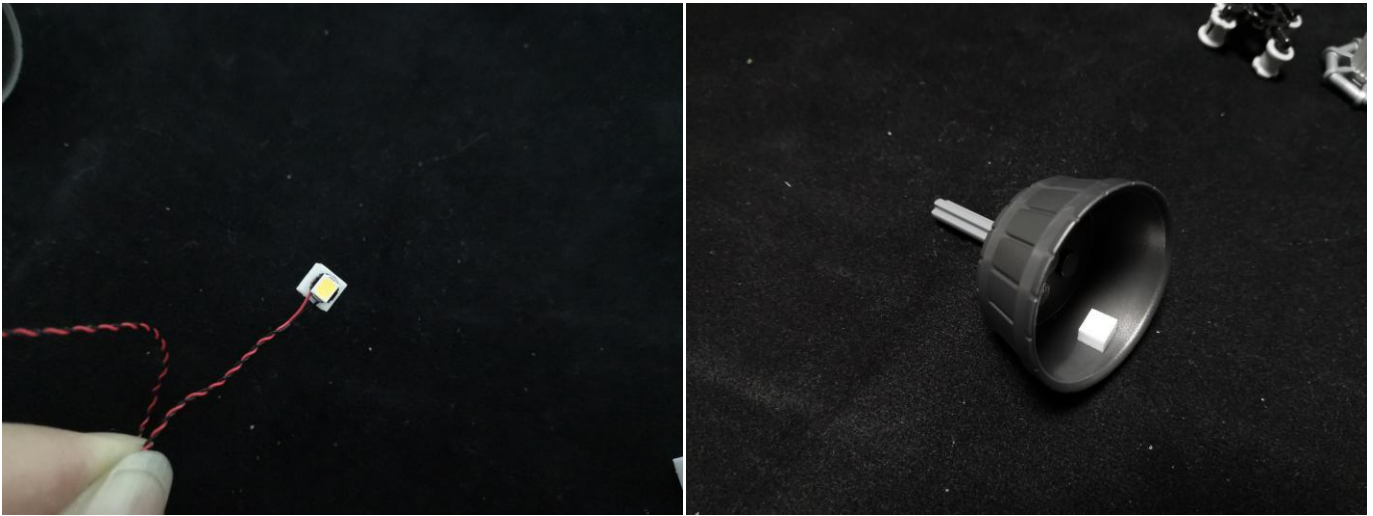
**5.Disassemble it as per below.**



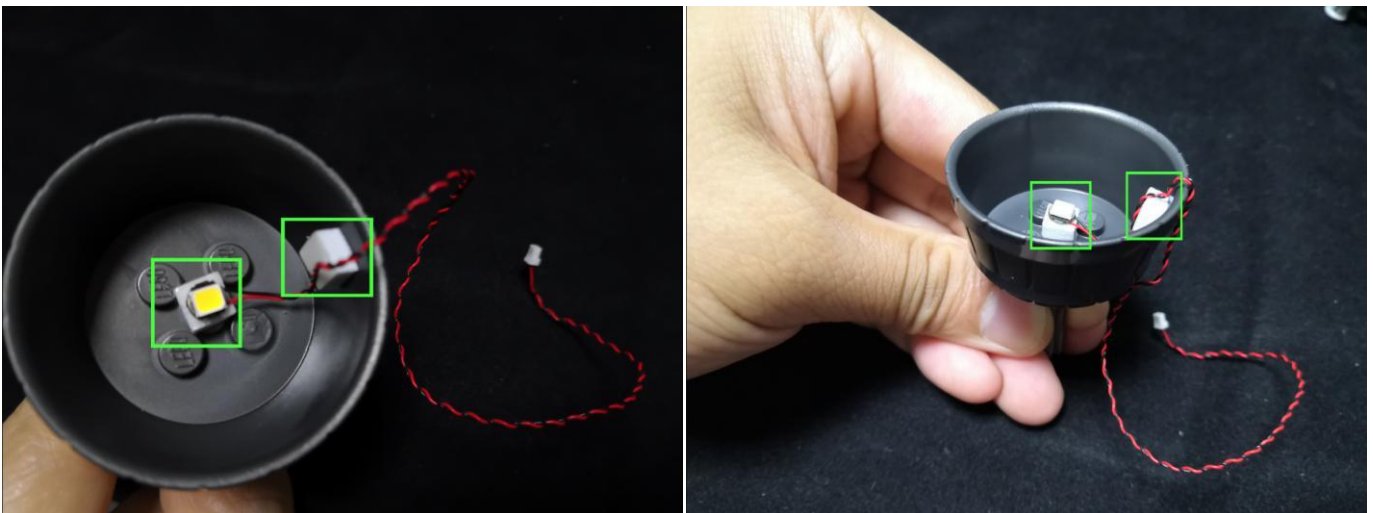
**6.Take a Flicker Effects Board, a 15cm head light, 2 adhesive squares.**



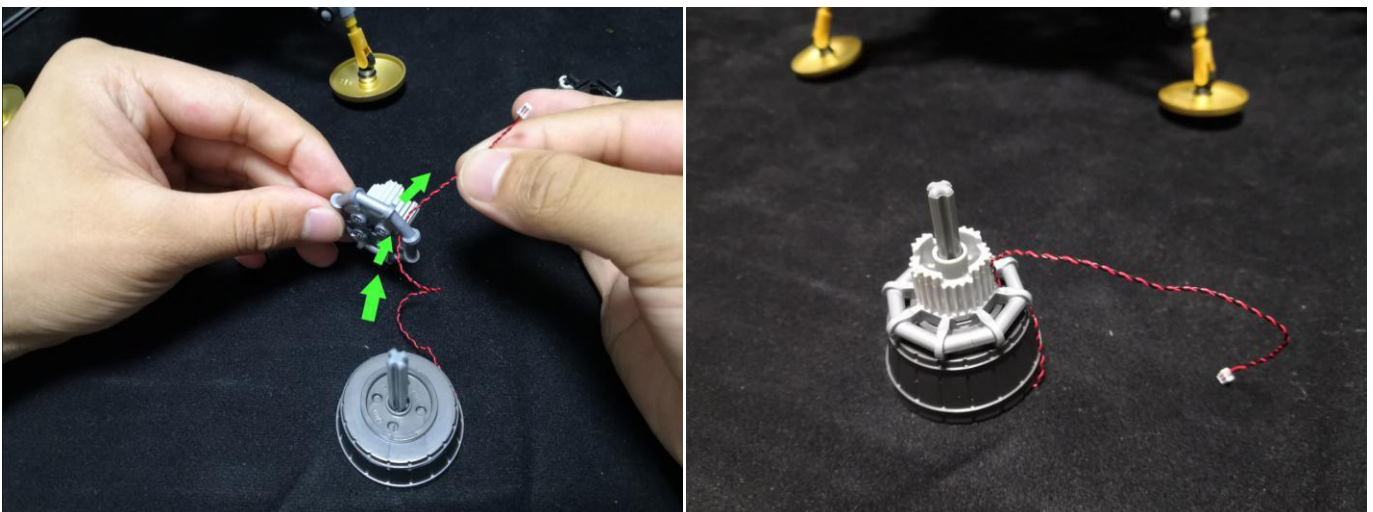
**7. Stick an adhesive square to the light (with lighting part facing up), reconnect the following light gray piece.**



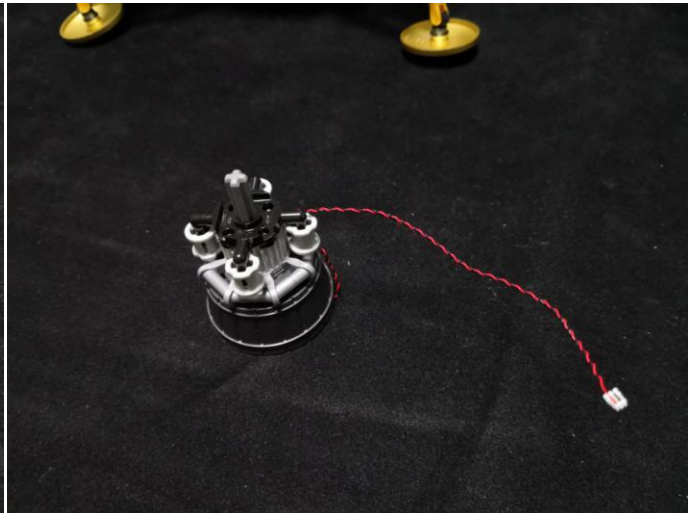
**8. Stick the light to the following place, secure the cable with the other adhesive square.**



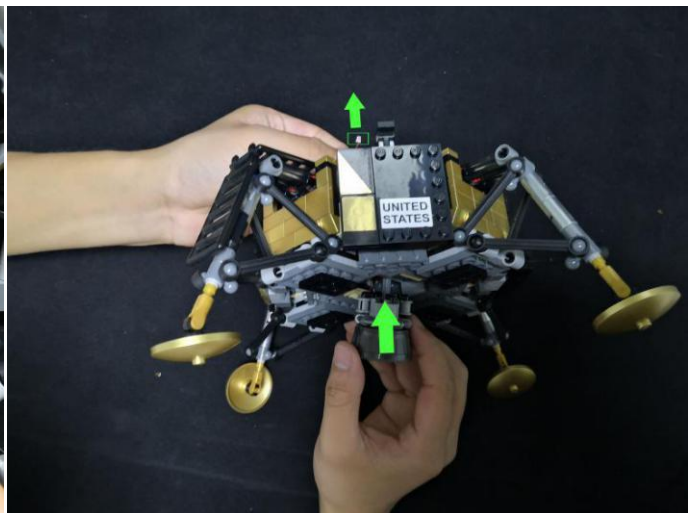
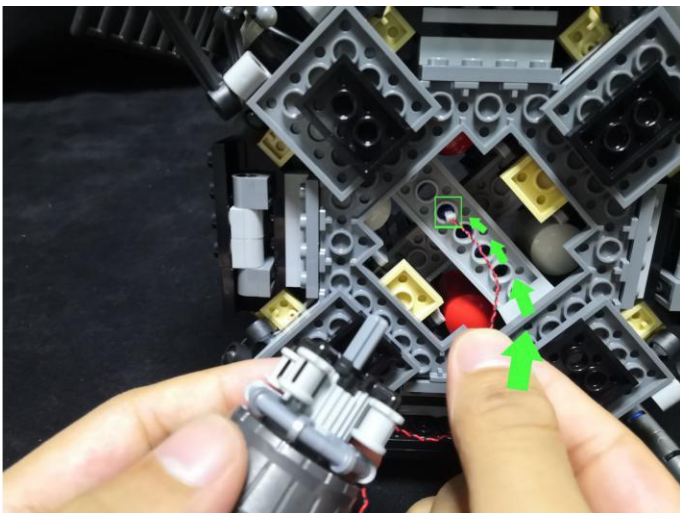
**9. Thread the cable through the following piece, reconnect this piece.**



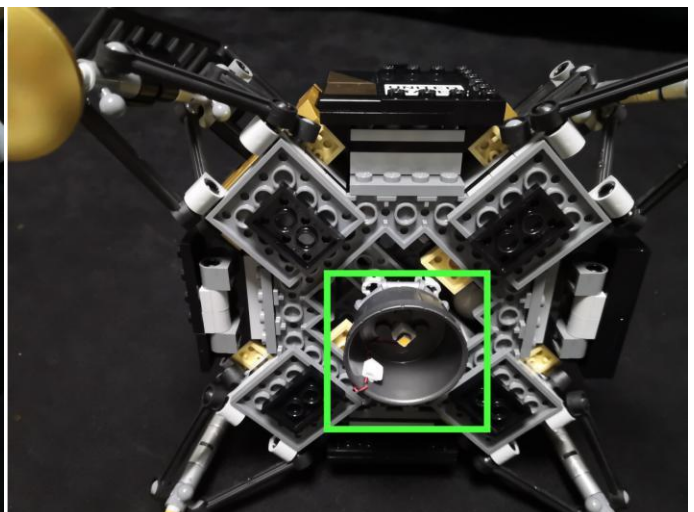
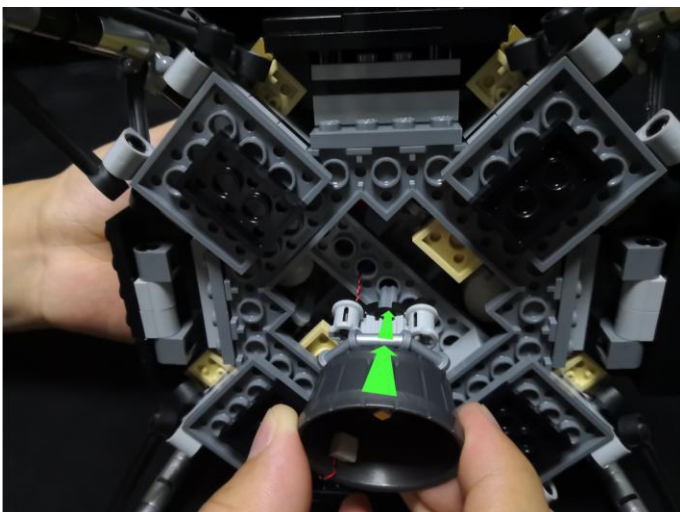
**10.Reconnect the following piece we removed before.**



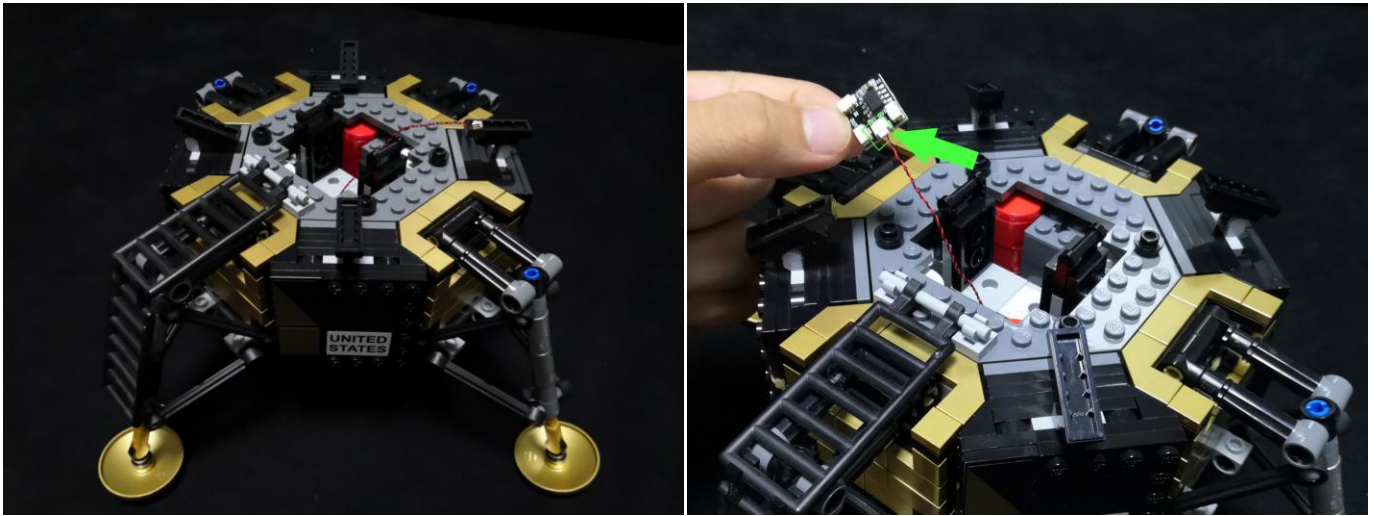
**11.Turn the descending part to its side, thread the cable through the following gray piece underneath to the back.**



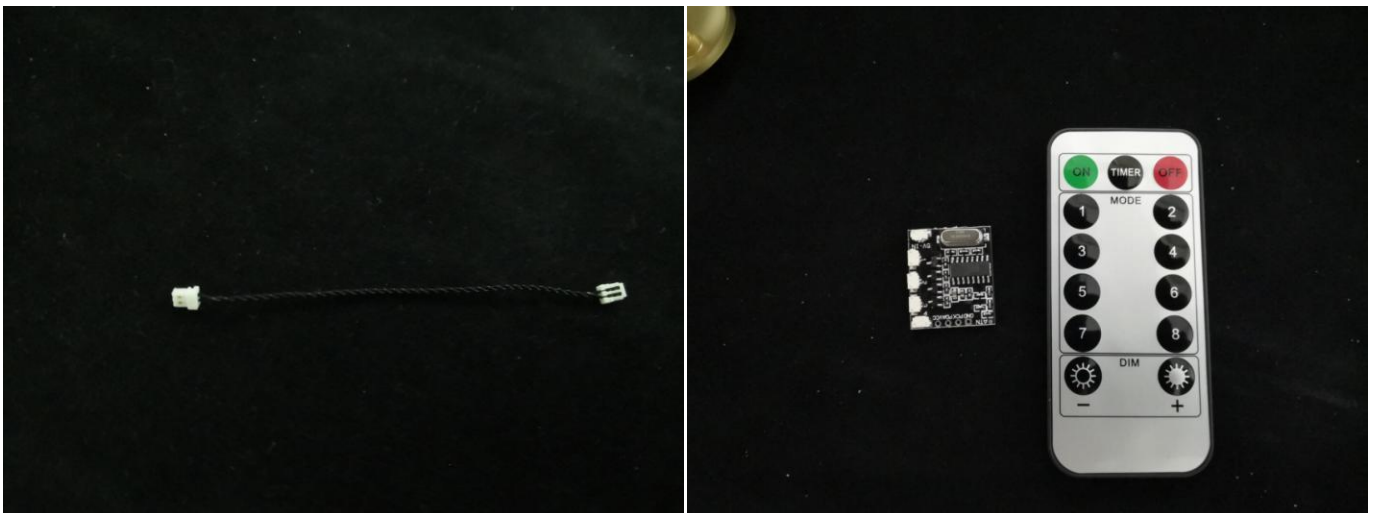
**12.Reconnect the following piece underneath this part.**



**13. Turn the descending part back, connect the cable of the light to the output port on the Flicker Effects Board.**




**14. Take a 5cm connecting cable, a Remote Control Switch Board.**



The remote control has been updated to the latest model, If you encounter any problems during the installation process, please contact the seller in time.

Remote control function description



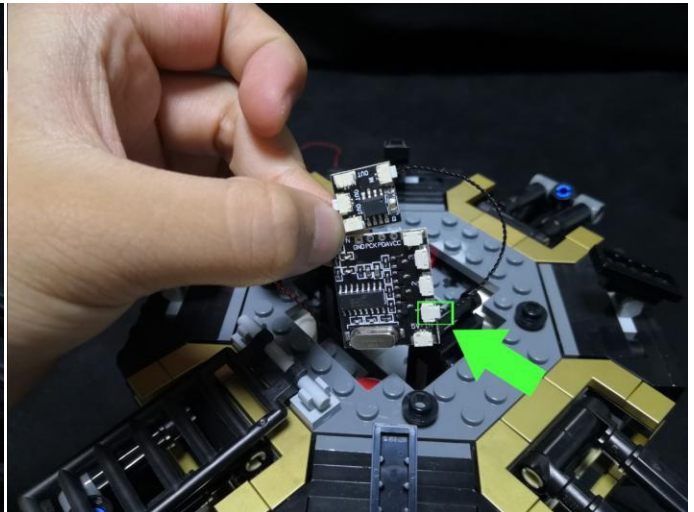
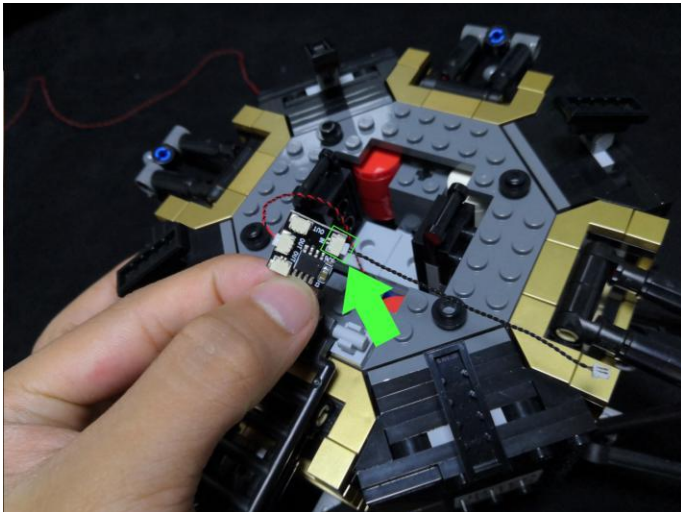
The image shows a black remote control with several buttons: ON, OFF, SHUNT (A, B, C, D), EFFECT (FS, BLN), and BRIGHTNESS (+, -). Next to it is a small black PCB receiver with a battery compartment and four channels labeled A, B, C, and D. A red arrow points to the 'INPUT' terminal on the PCB.

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

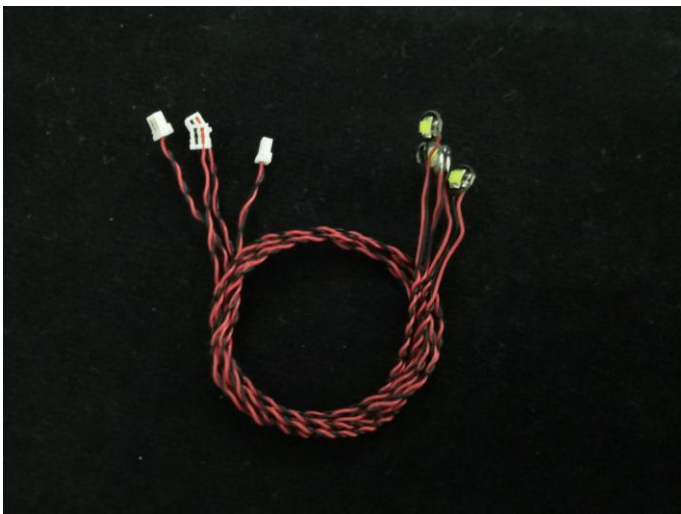
The remote control does not contain batteries, please buy a CR2025 or CR2032 button battery in the nearest store and install it in the remote control.



**15. Connect the 5cm connecting cable to the input port on the Flicker Effects Board, connect the other end to the '1' port on the Remote Control Switch Board.**



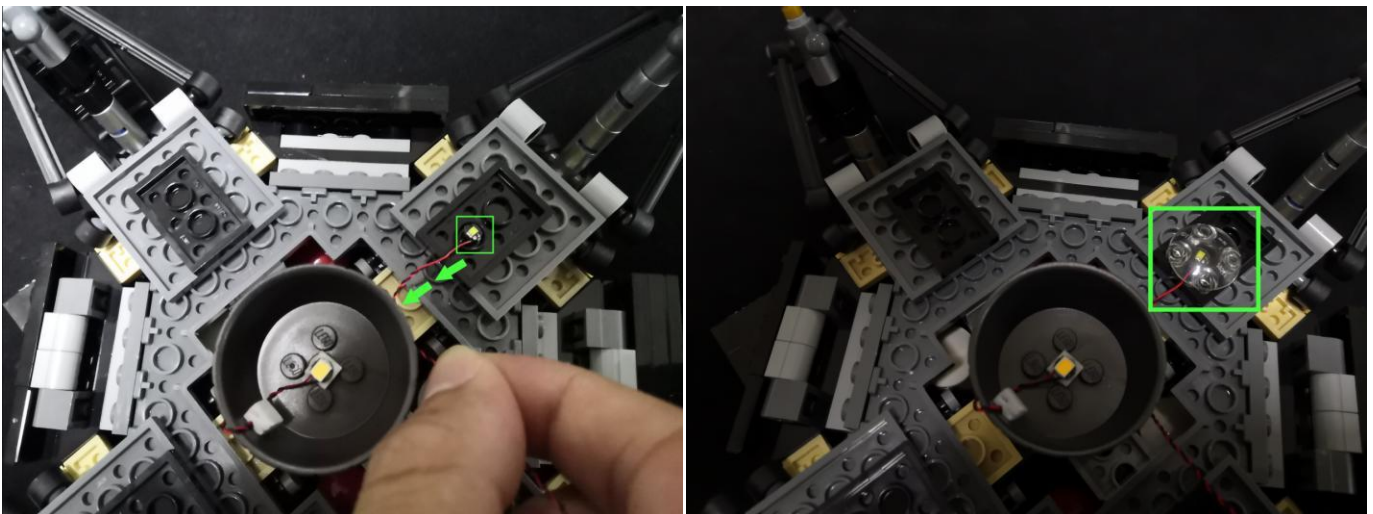
**16. Take 4 white 15cm dot lights, 4 trans white 2x2 round plates.**



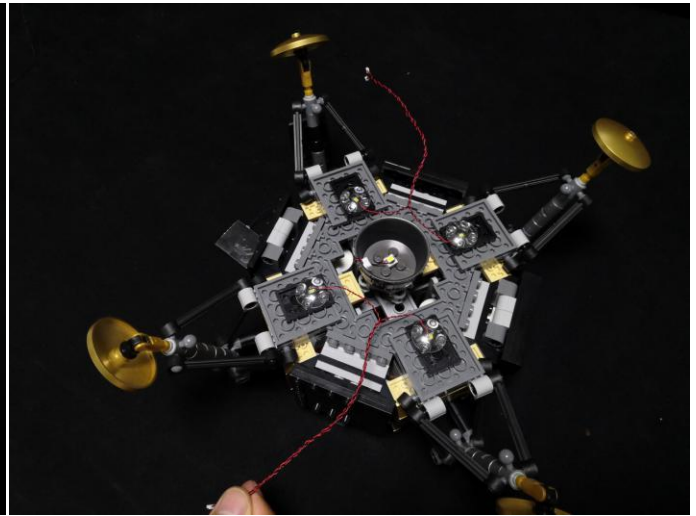
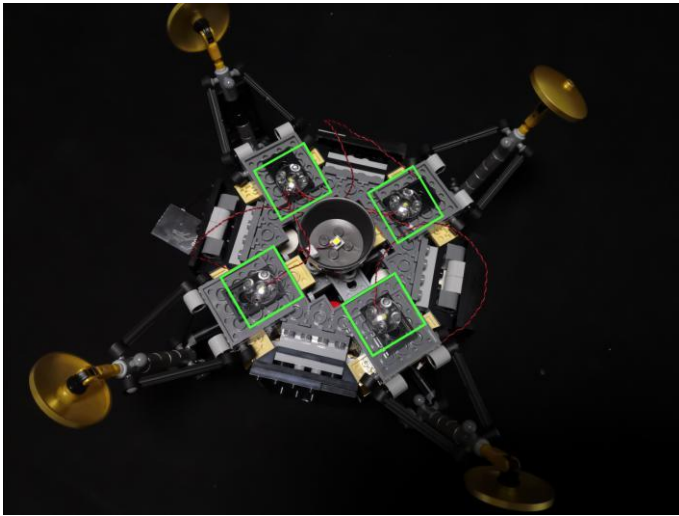
**17. Turn the descending part over, place a light at the following black piece (with lighting part facing up, place it at the right place).**



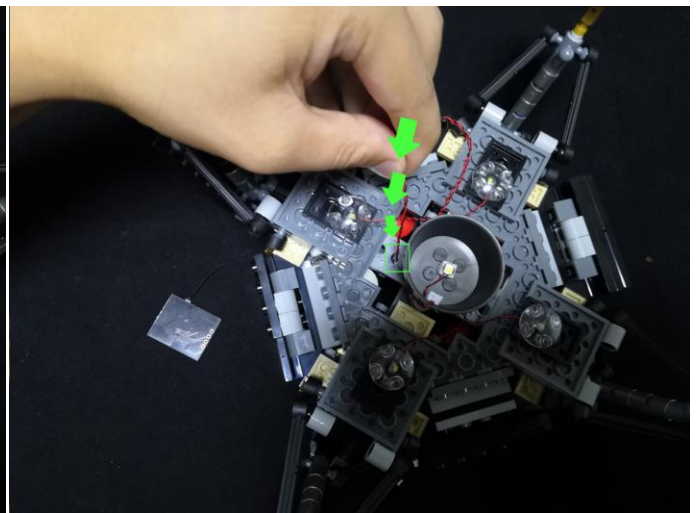
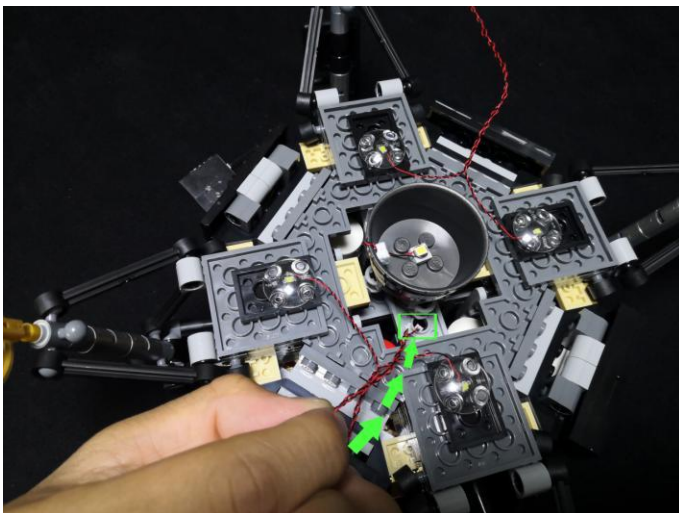
**18. Pull the cable out as per below, connect a trans white 2x2 round plate over it.**



**19. Repeat the steps above to install the last 3 lights, and group every 2 adjacent cables together as per below.**

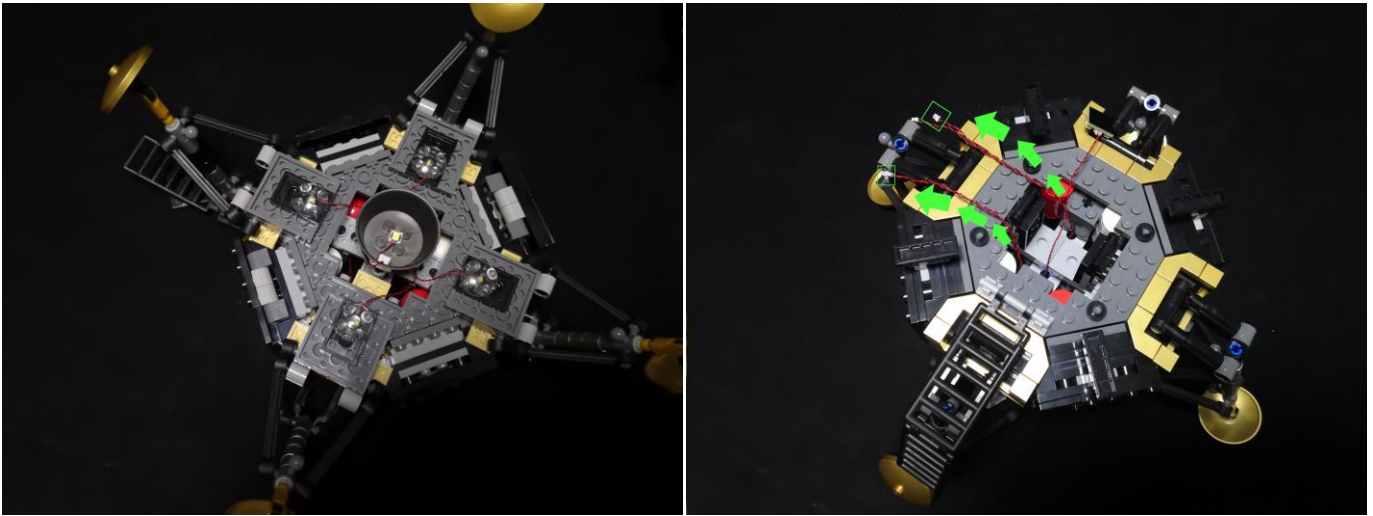


**20. Thread the 2 groups of cables through the following gray piece to the back as per below.**

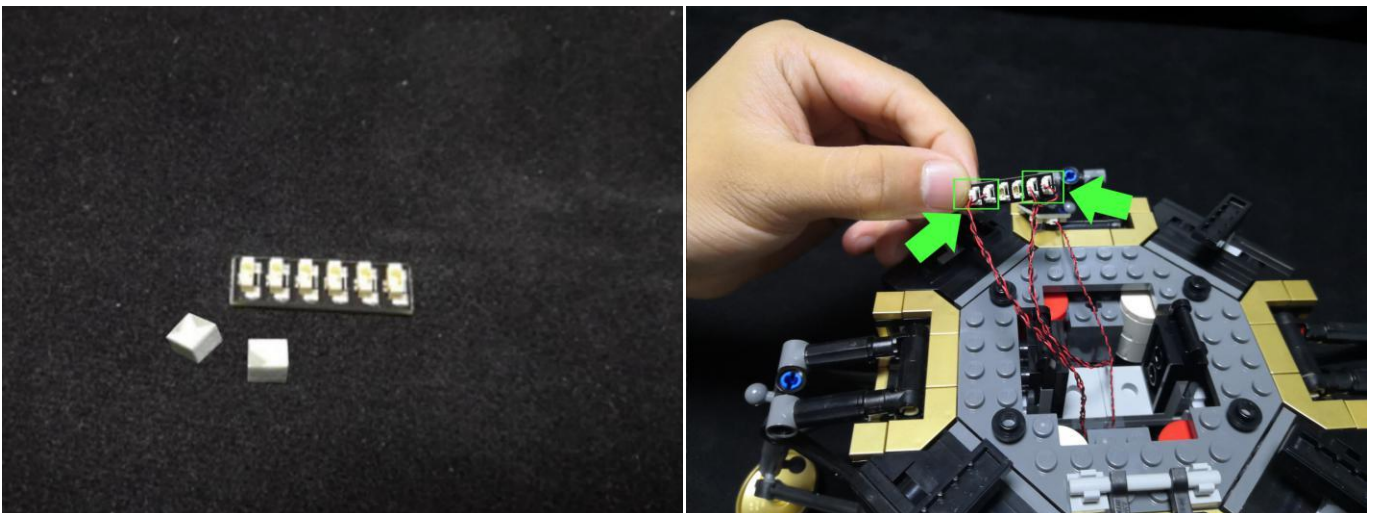




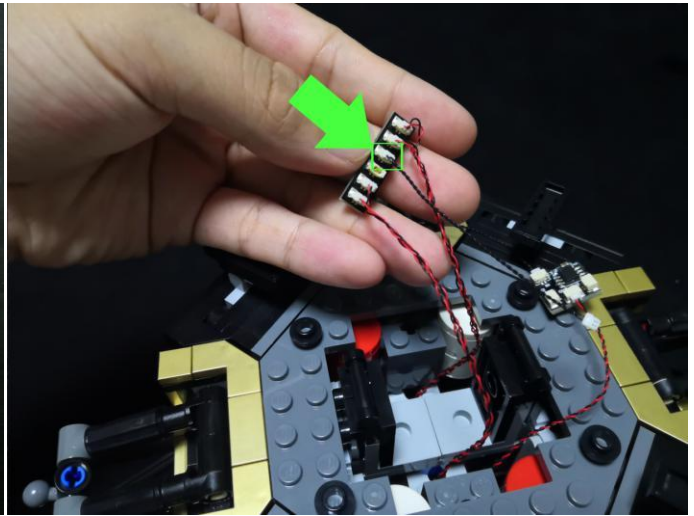
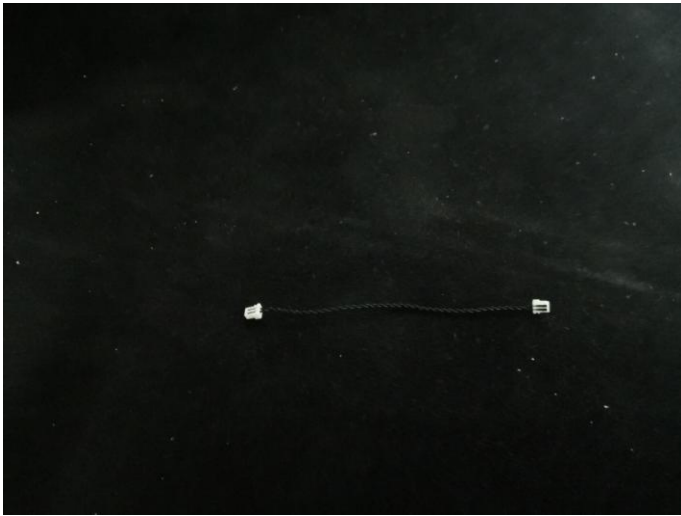
**21. Turn this part over, pull the cables out (in case of breaking the cables, do not pull them too hard).**



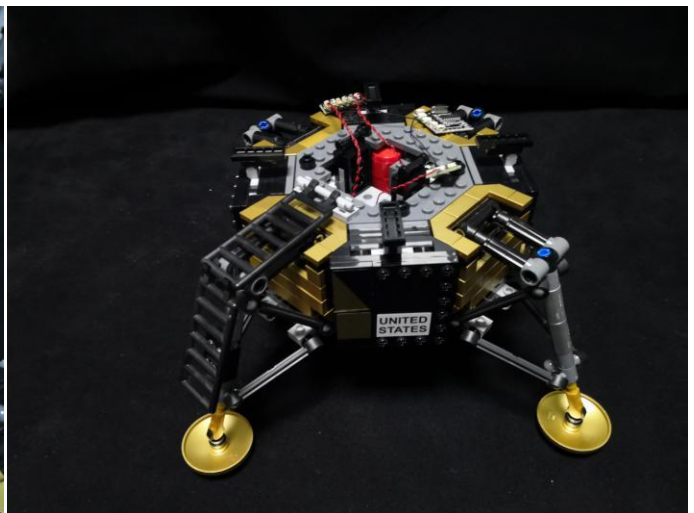
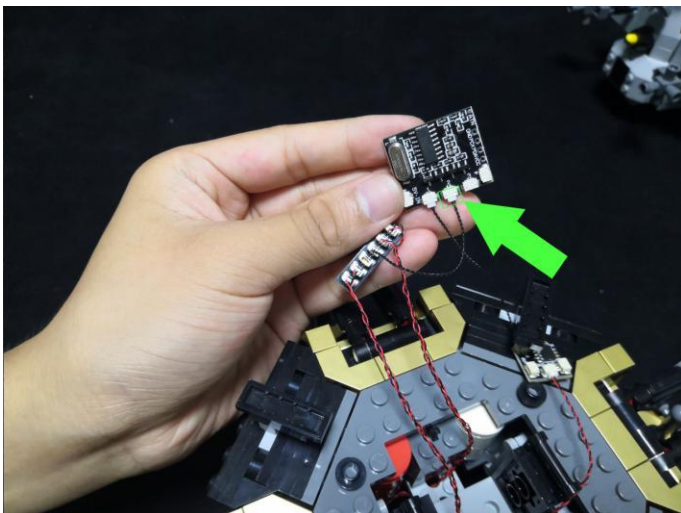
**22. Take a 6-port expansion board, 2 adhesive squares, connect the 4 cables to it, stick it to the following place with the adhesive squares.**



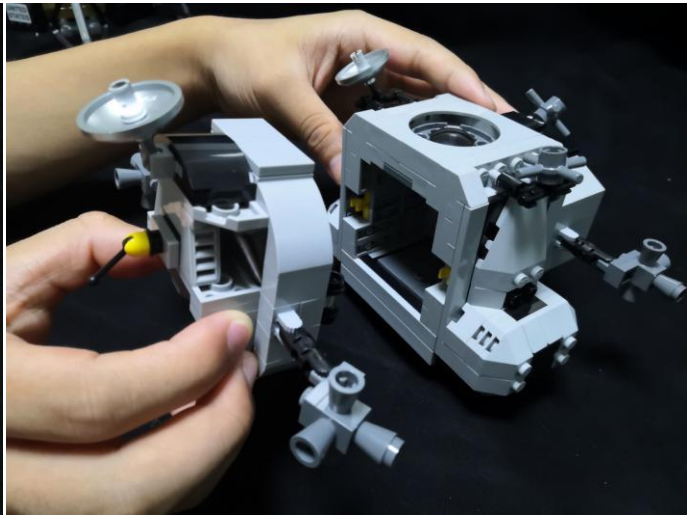
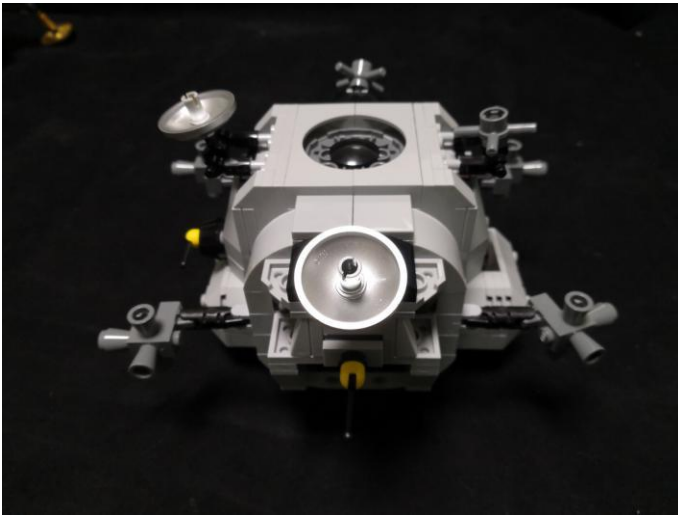
**23. Take a 5cm connecting cable, connect it to the 6-port expansion board.**



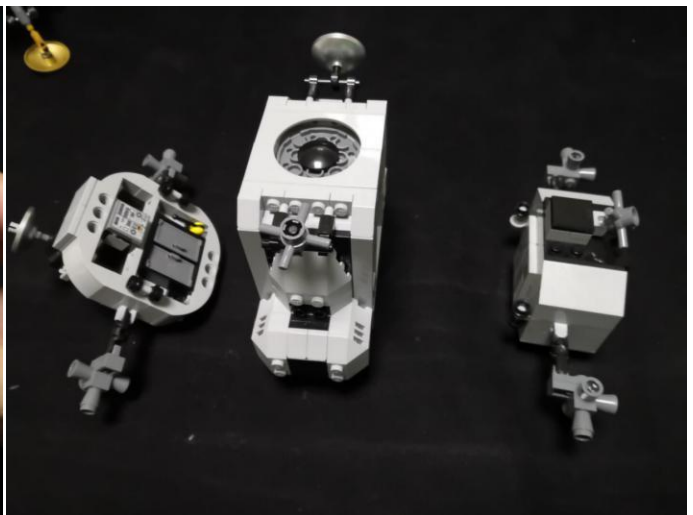
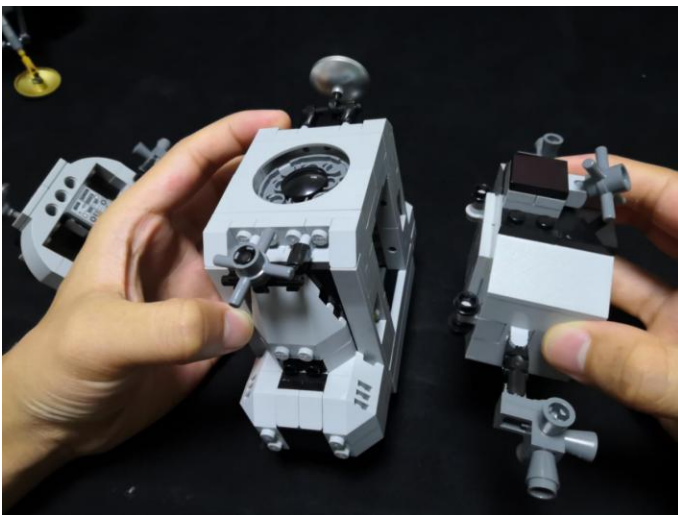
**24. Connect the other end of the 5cm connecting cable to the port '2' on the Remote Control Switch Board.**



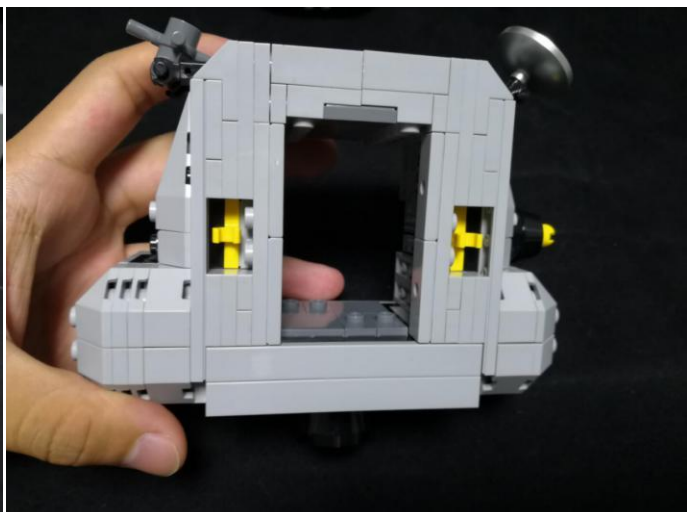
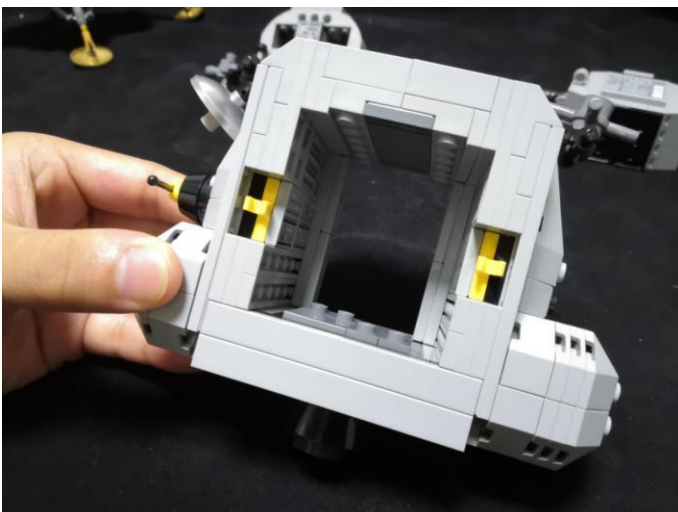
**25. Continue to install lights for the ascending part. Disassemble it as per below.**



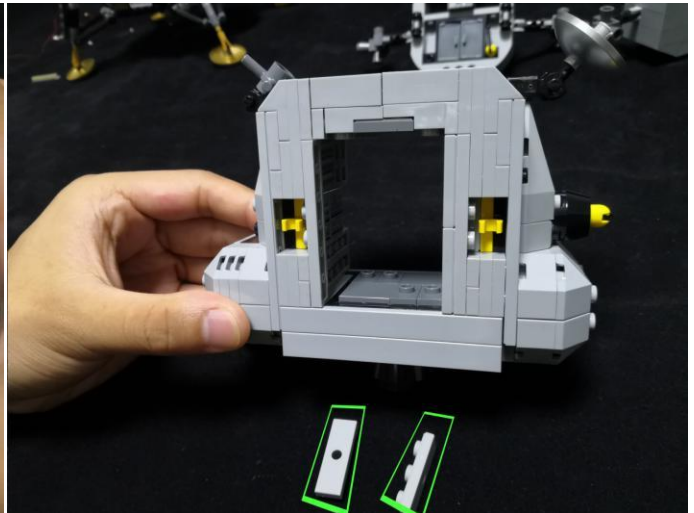
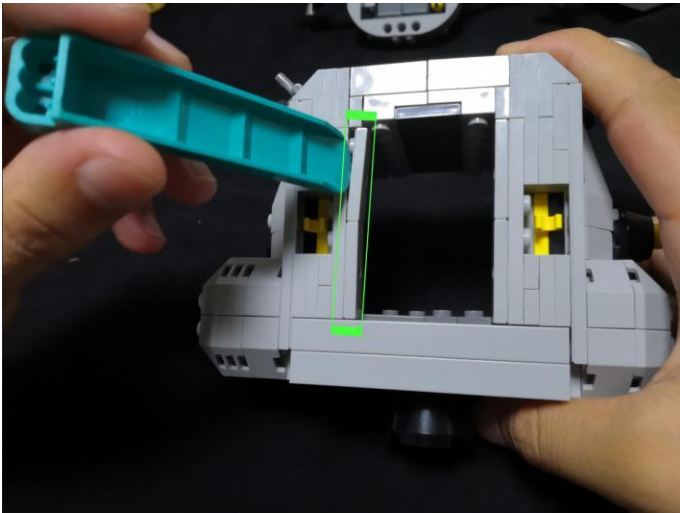
**26. Disconnect the back part as per below.**



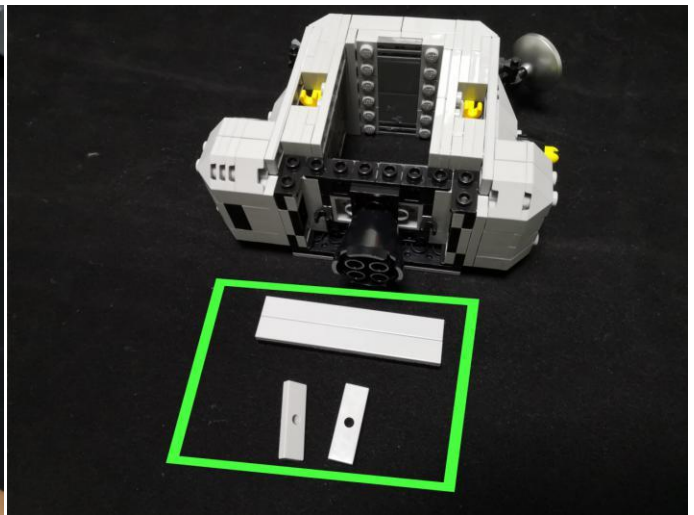
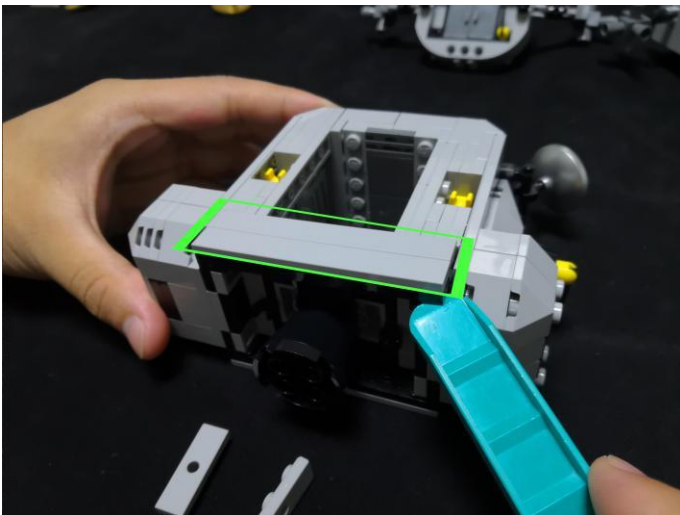
**27. Take the middle part.**



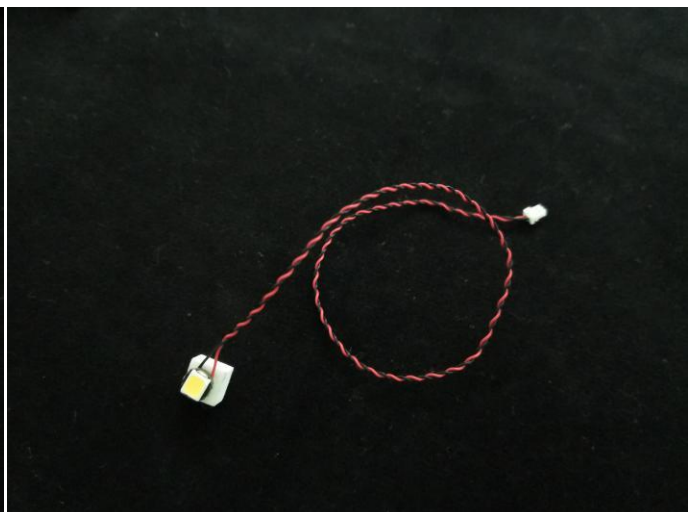
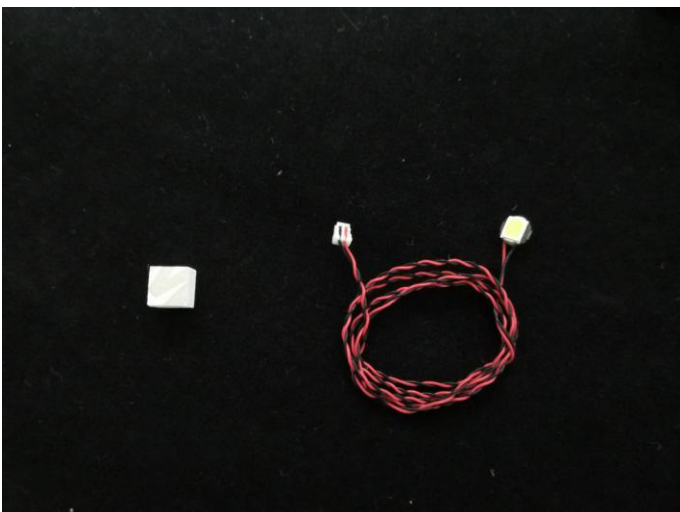
**28. Disconnect the following pieces.**



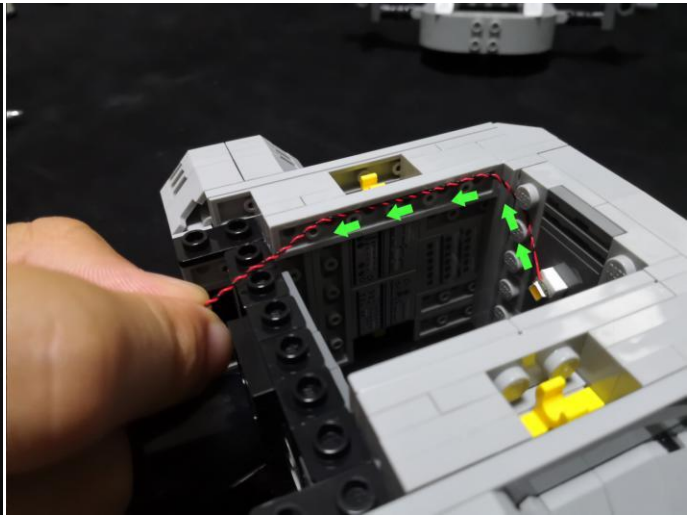
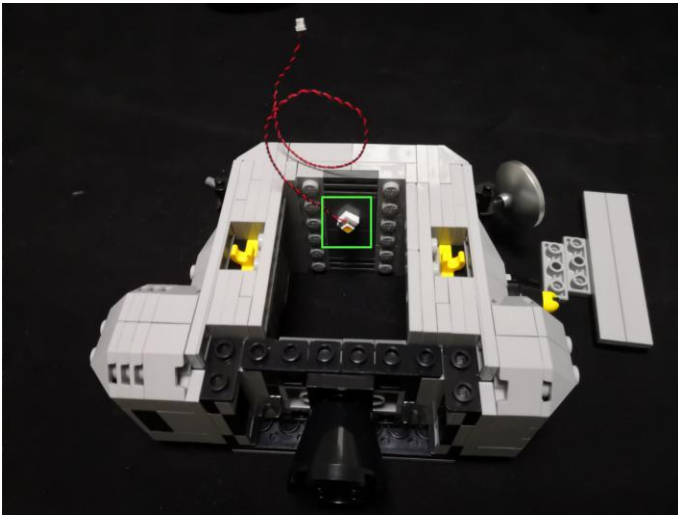
**29. Disconnect the following gray piece.**



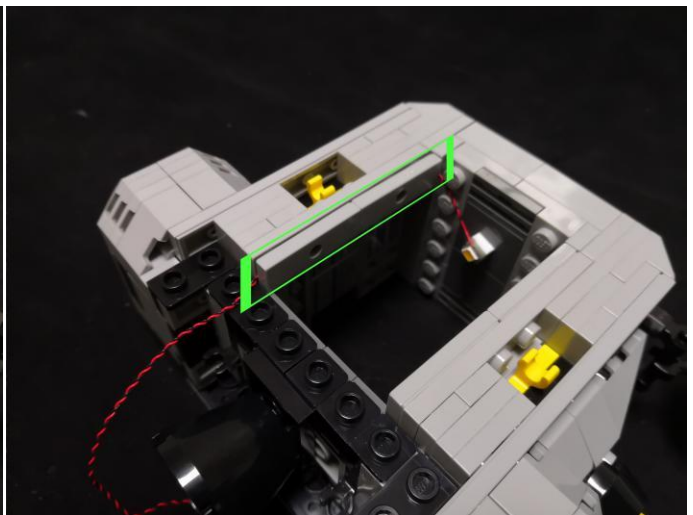
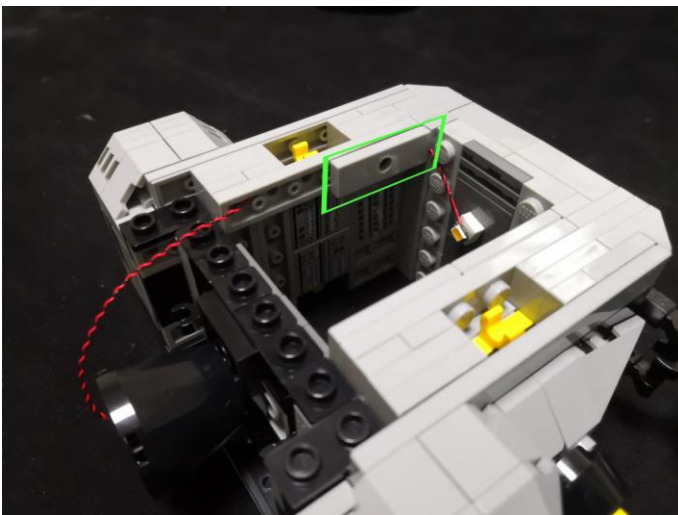
**30. Take a 15cm head light, an adhesive square, stick the adhesive square to the head light.**



**31. Stick the head light to the following place, follow the arrows to place the cable as per below.**



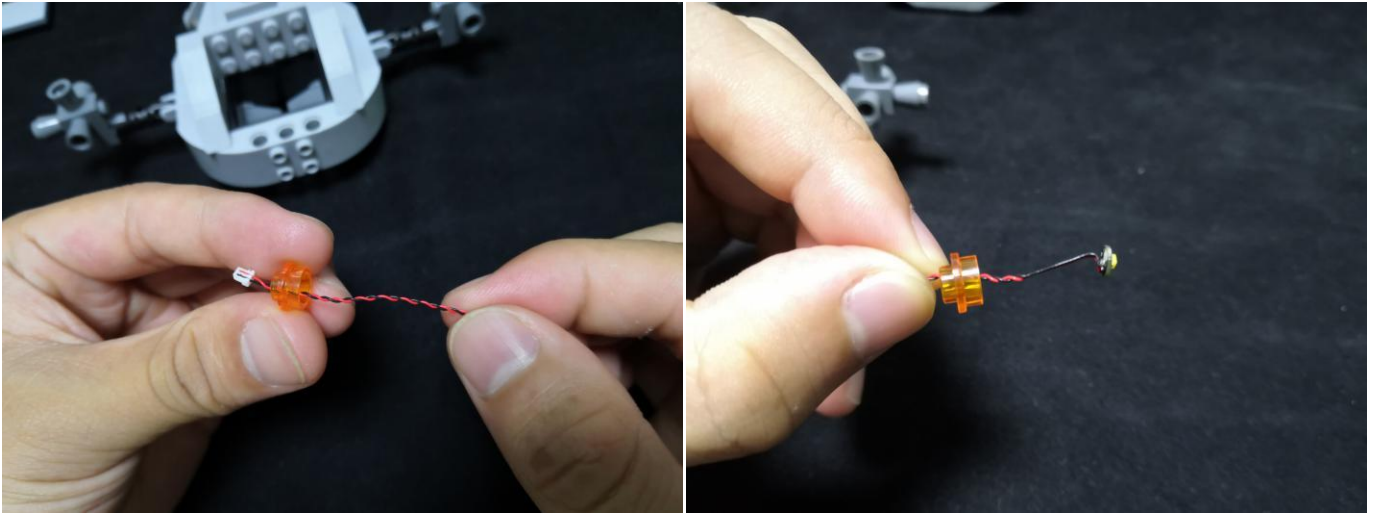
**32. Reconnect the following piece at the left (do not force too much).**



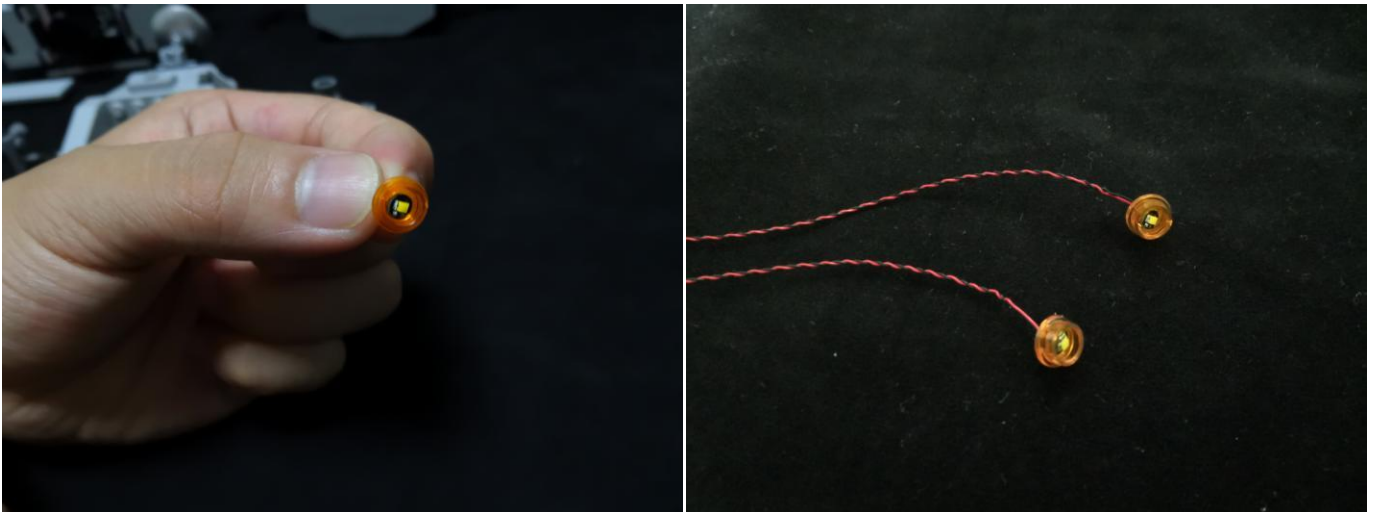
**33. Take 2 warm white 15cm dot lights, 2 trans orange 1x1 round plates with hole.**



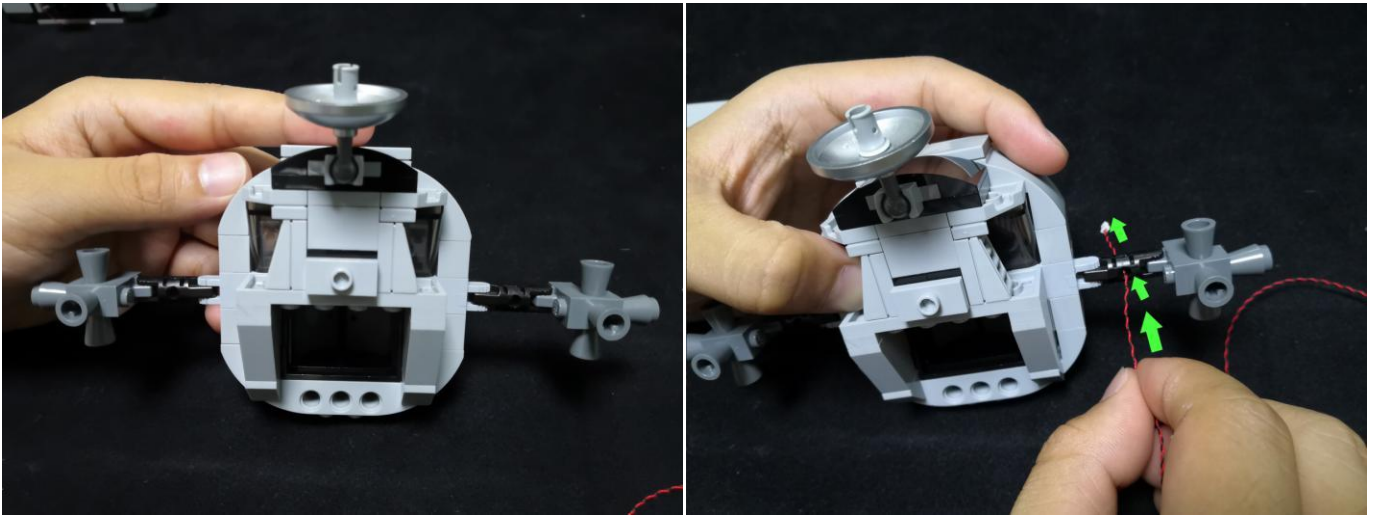
**34. Thread the cable of the light through the trans orange 1x1 piece (thread it in right direction, and make sure the lighting part is facing the right direction).**



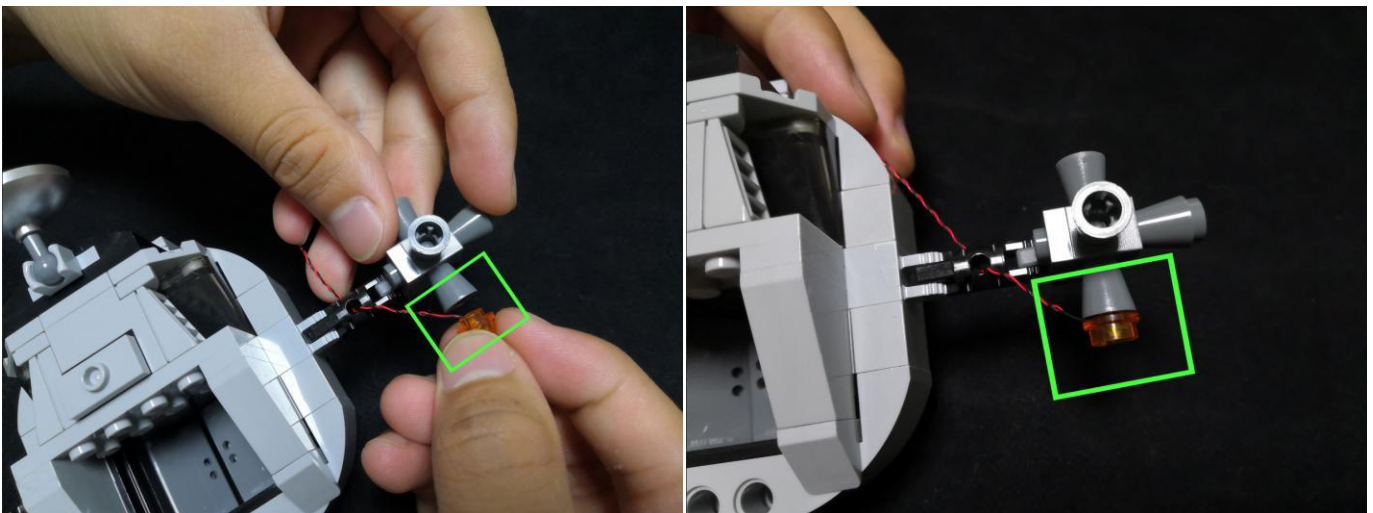
**35. Connect the light as per below, install the other light in the same way.**



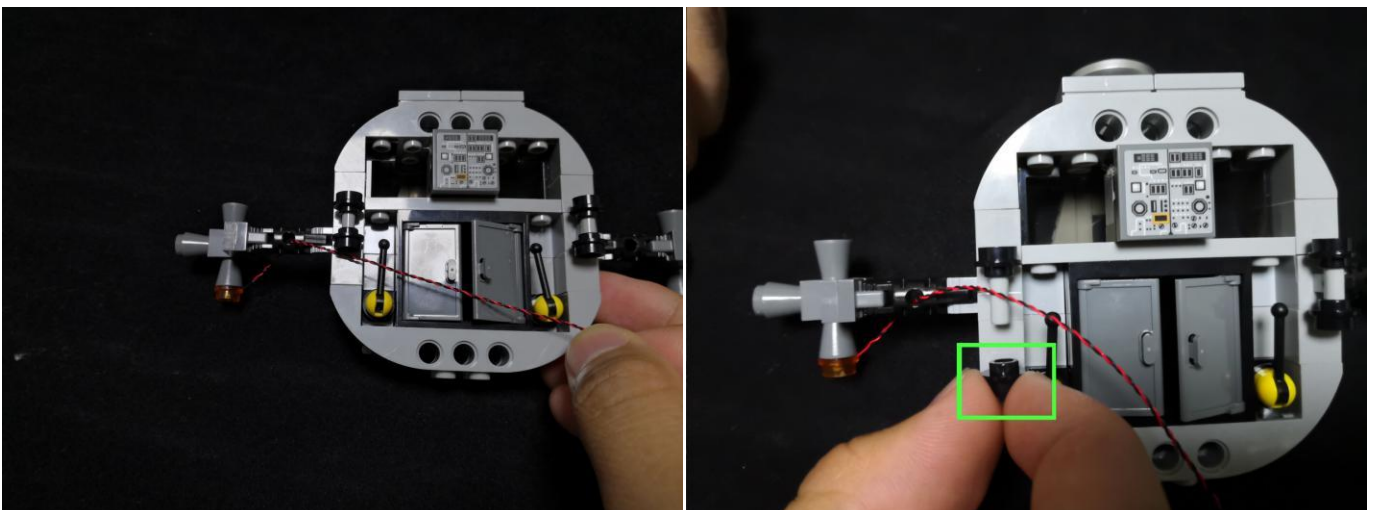
**36. Take the following piece, thread the following cable through the black piece (please thread it in the right direction).**



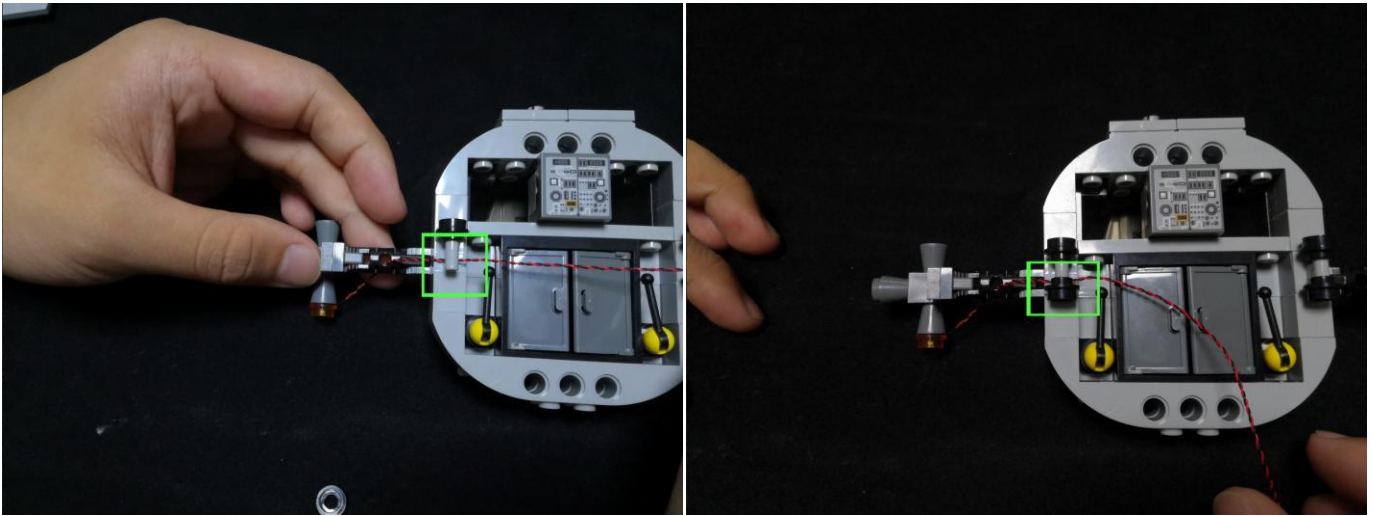
**37. Pull the cable out, secure the light with the trans orange 1x1 round plate.**



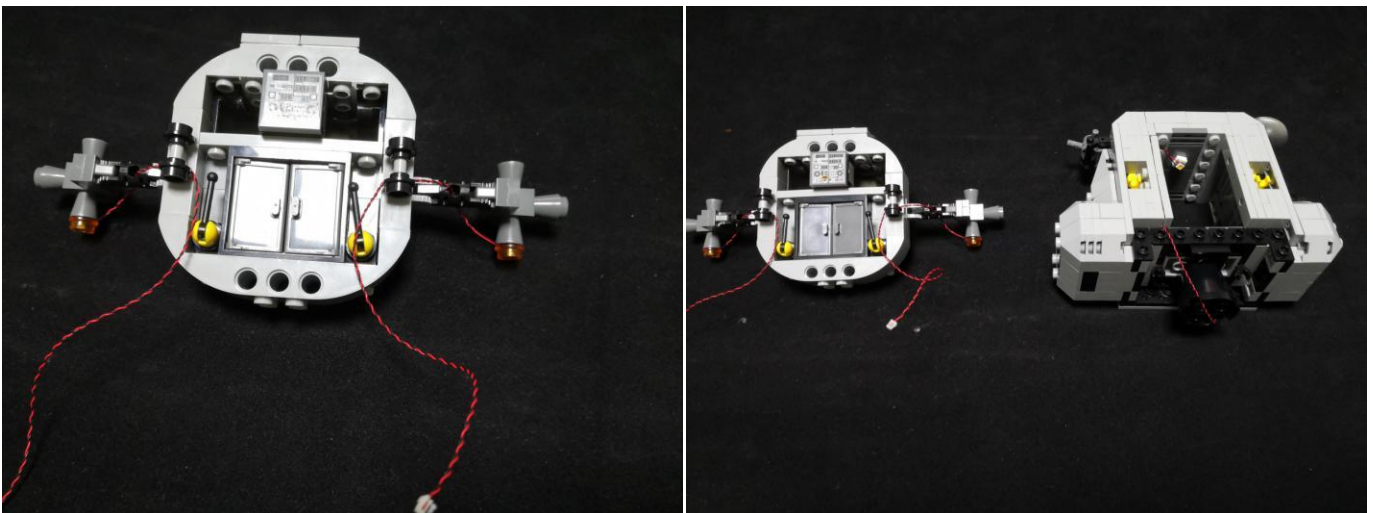
**38. Turn to the back, disconnect the following 1x1 black piece.**



**39. Place the cable underneath the following gray piece, reconnect the black 1x1 piece.**

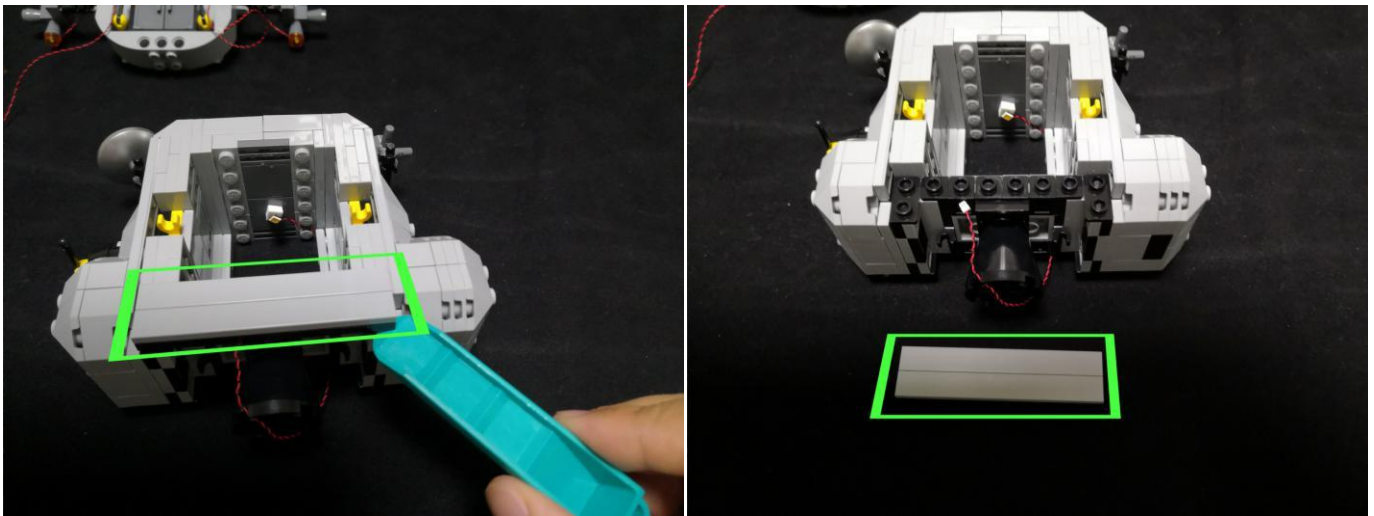


**40. Install the light to the other side in the same way, take the middle part.**

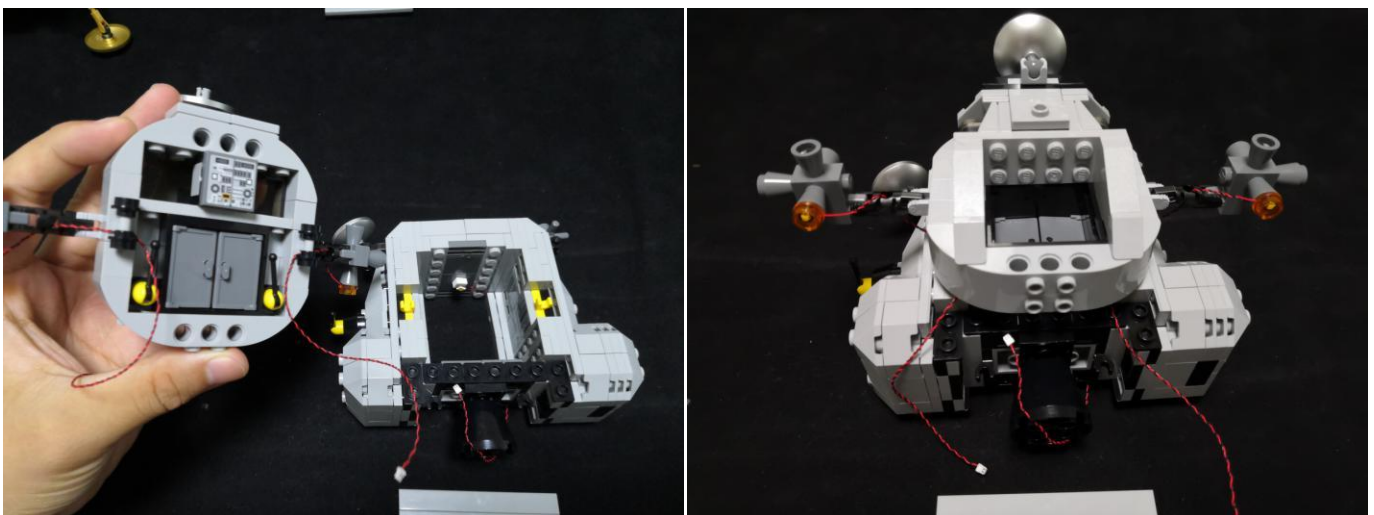




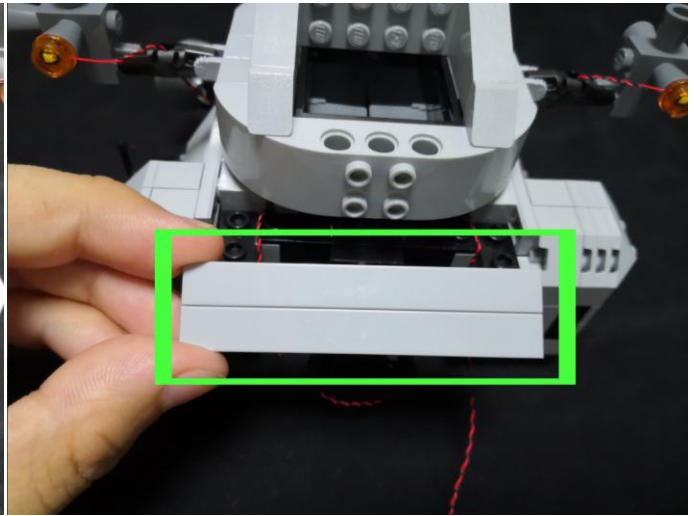
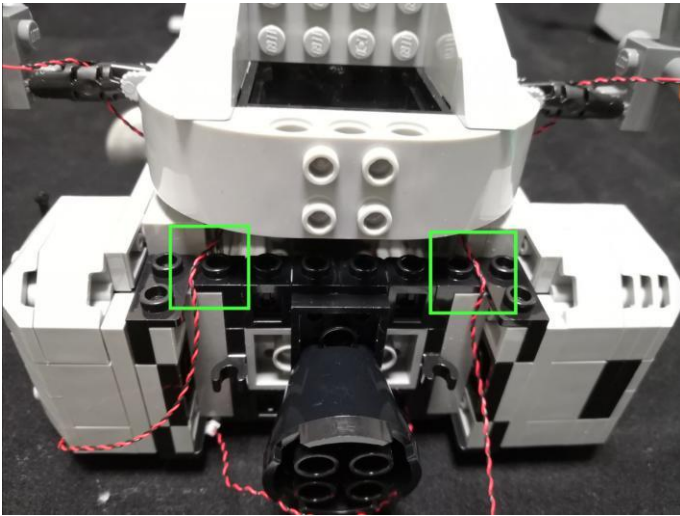
**41. Disconnect the following piece (The middle part of the picture below is the opposite of the picture above).**



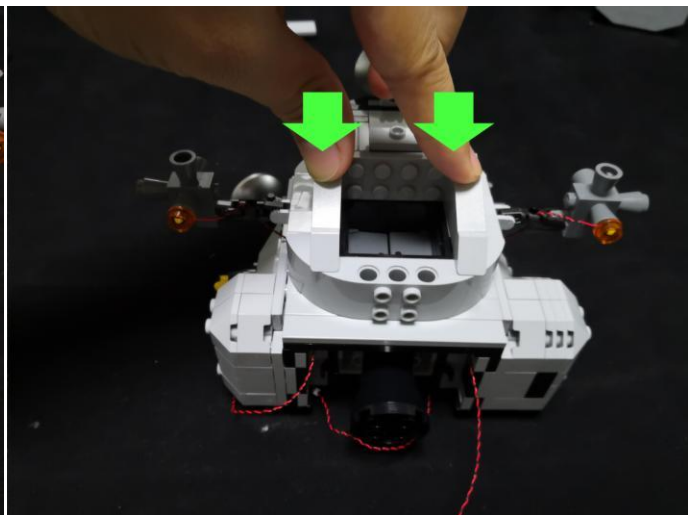
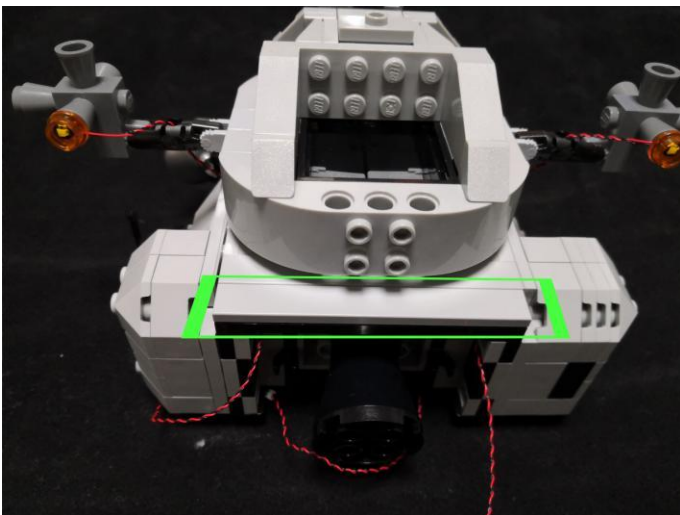
**42. Take the previous part with lights installed, place it over the middle part (do not connect it).**



**43. Tuck the cables as per below, reconnect the following gray piece we removed before.**



**44. Reconnect the following part.**



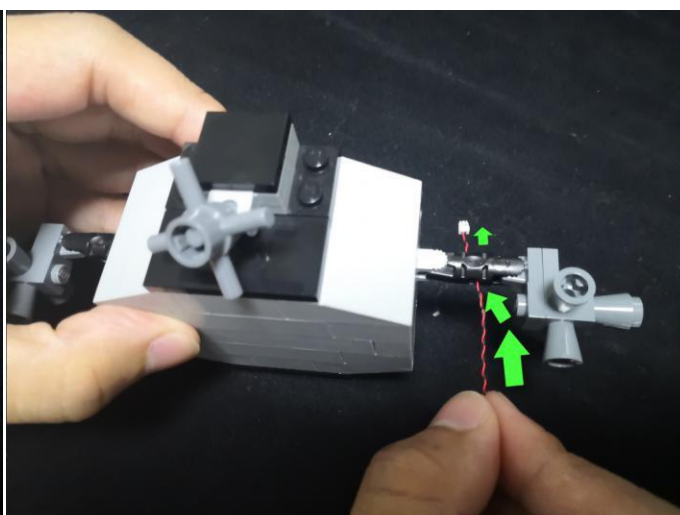
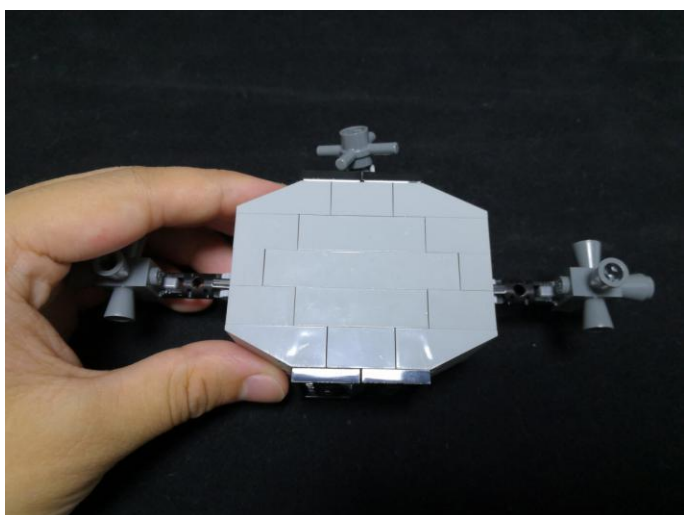
**45. Move onto install lights at the other side, take 2 warm white 15cm dot lights, 2 trans orange 1x1 round plates.**



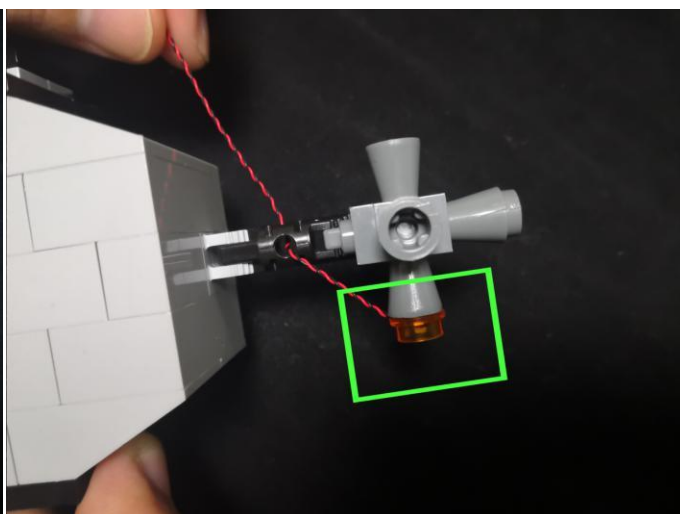
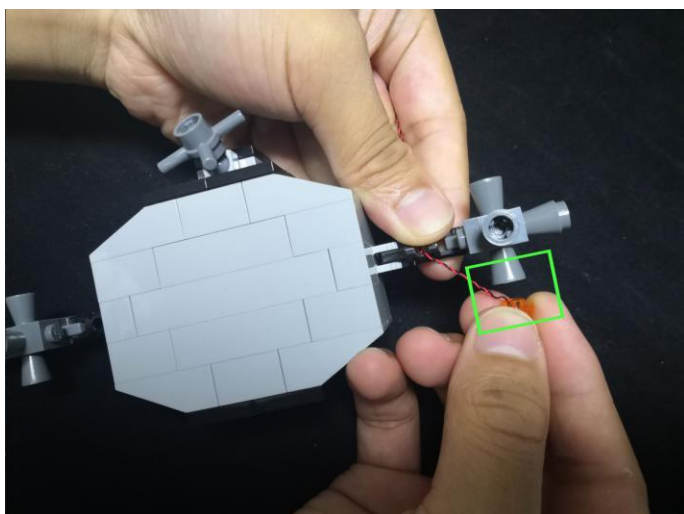
**46. Install the 2 lights as we did before.**



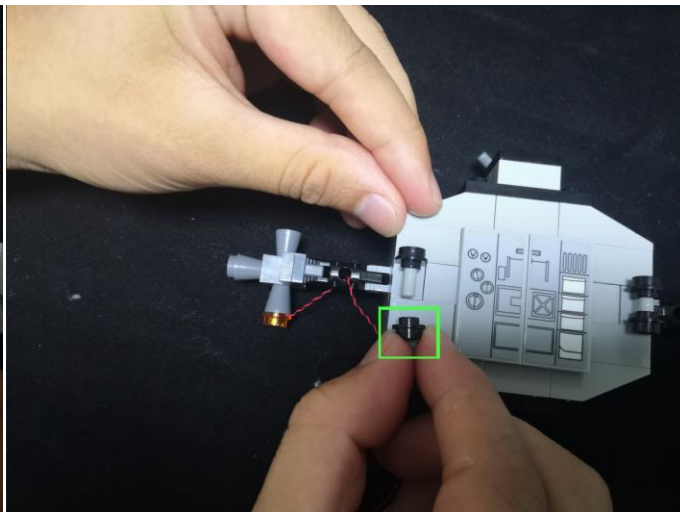
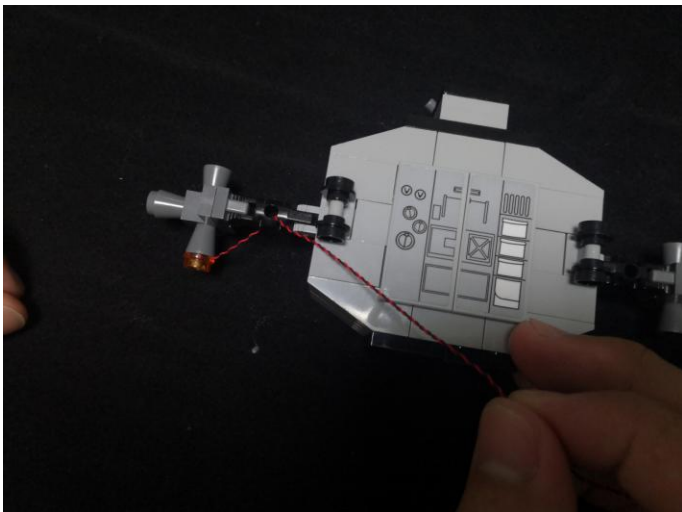
**47. Take the following piece, thread the cable through the following black piece (please thread it in the right direction).**



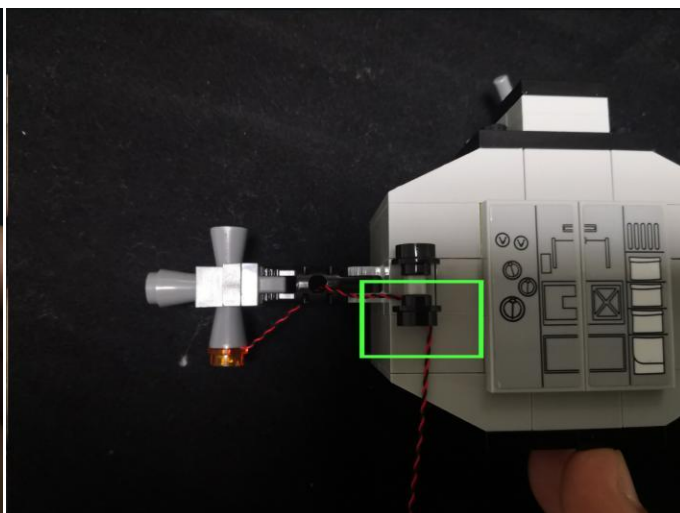
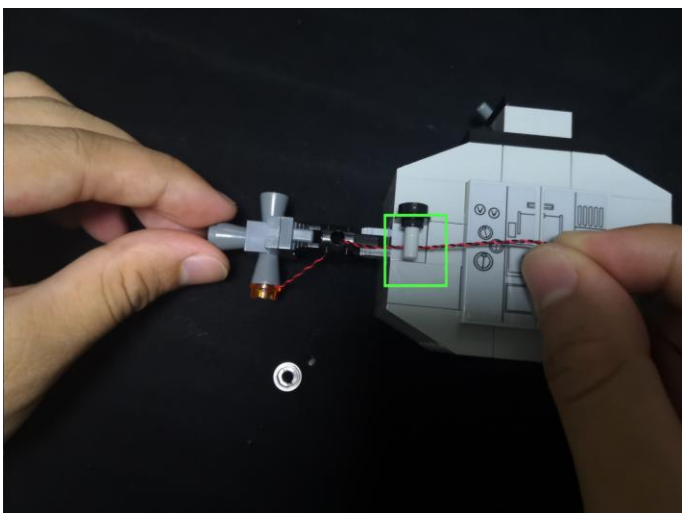
**48. Secure the light with a trans orange 1x1 round plate.**



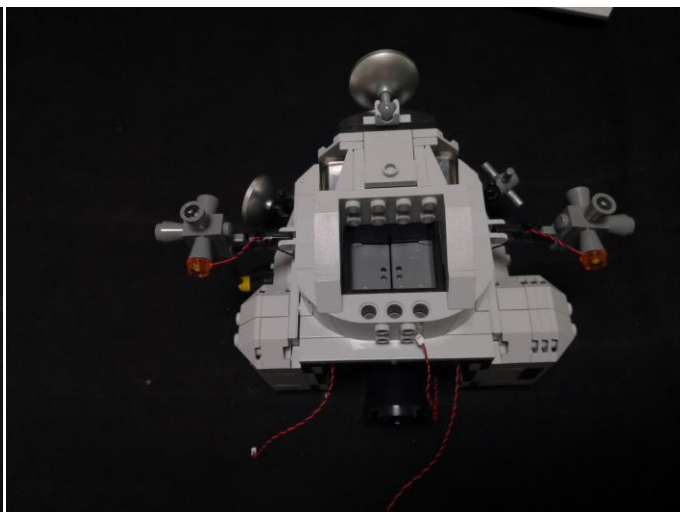
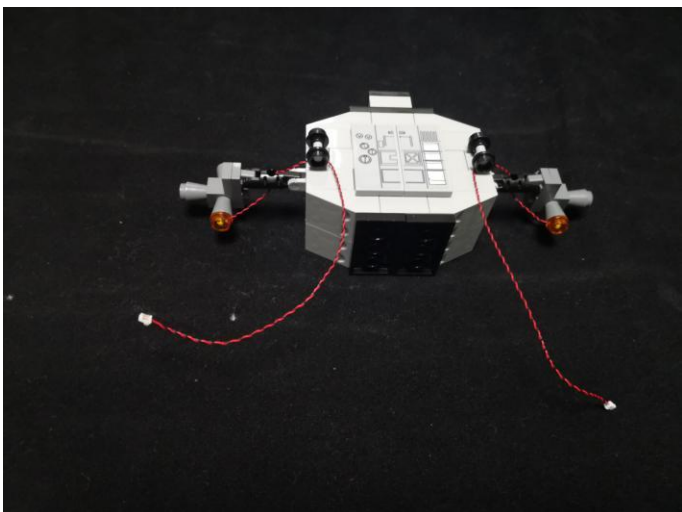
**49. Turn to the back, disconnect the following 1x1 black piece.**



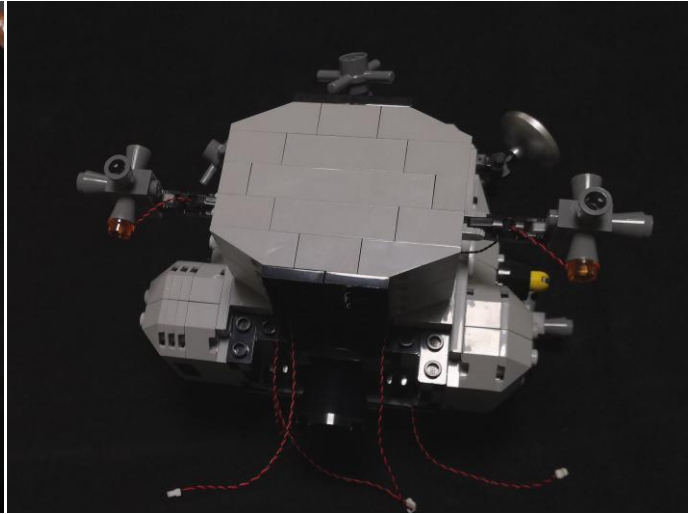
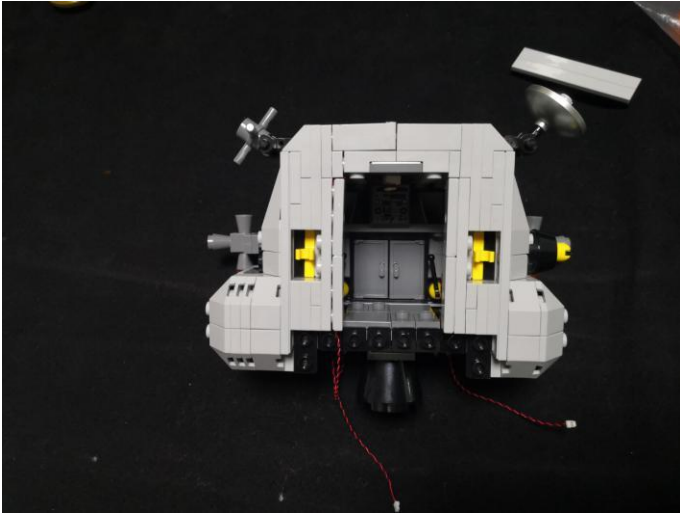
**50. Press the cable underneath the following gray piece, reconnect the 1x1 black piece.**



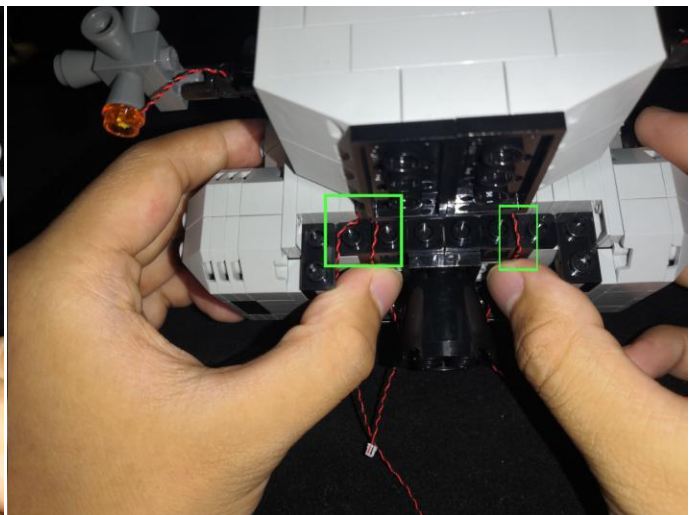
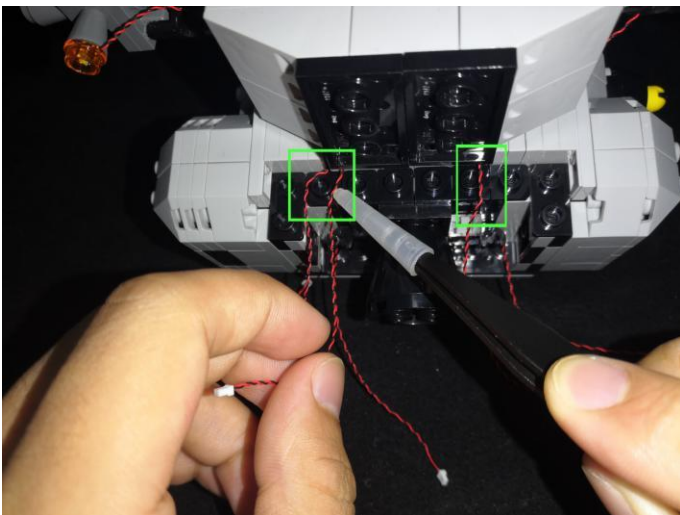
**51. Connect the light at the other side in the same way, take the following piece.**



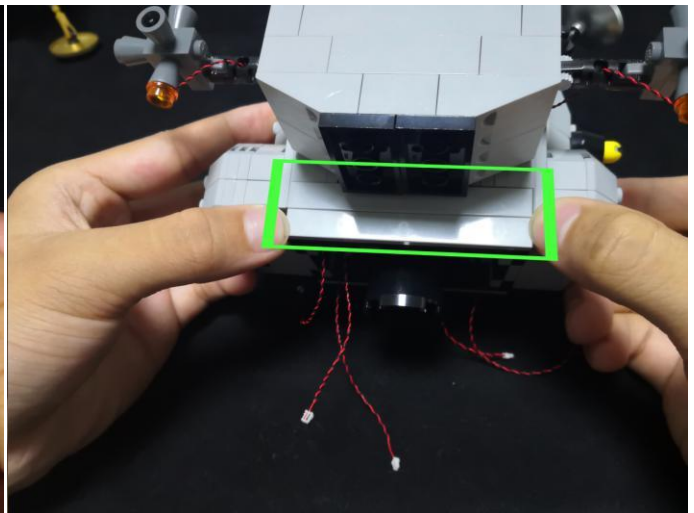
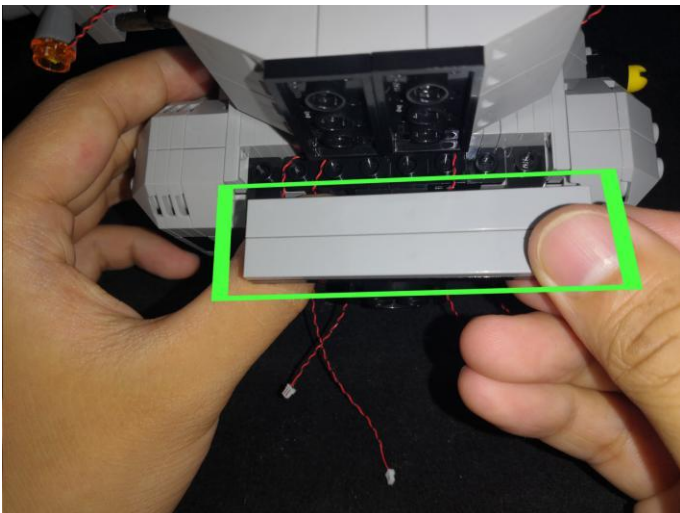
**52. Turn this piece over, place the previous piece with lights installed over it (do not connect it).**



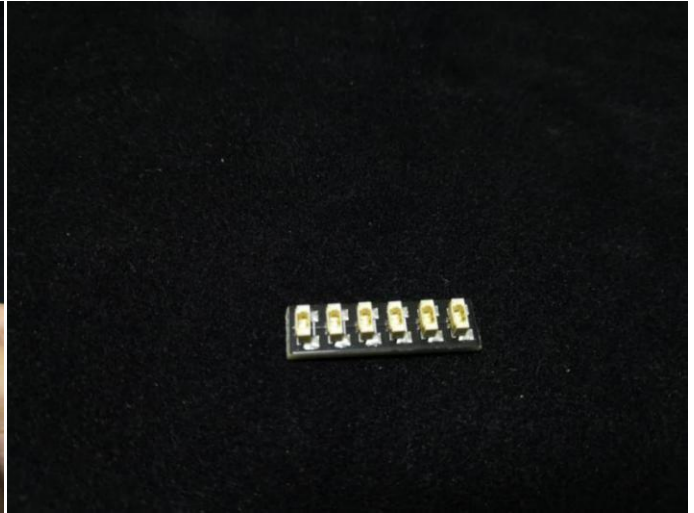
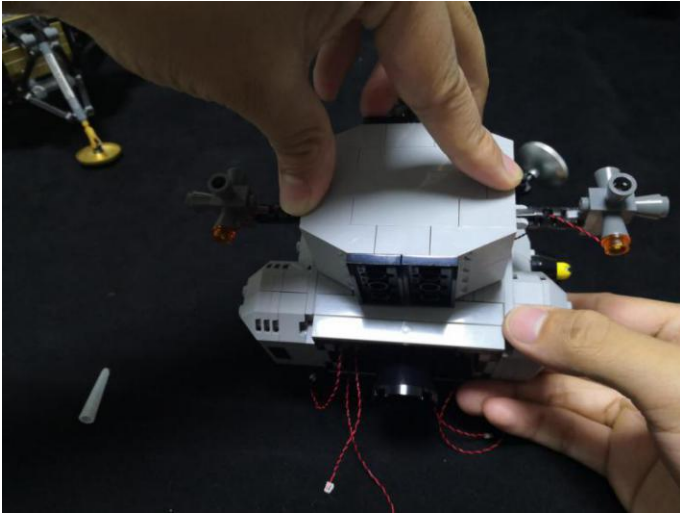
**53. Tuck the cables as per below.**



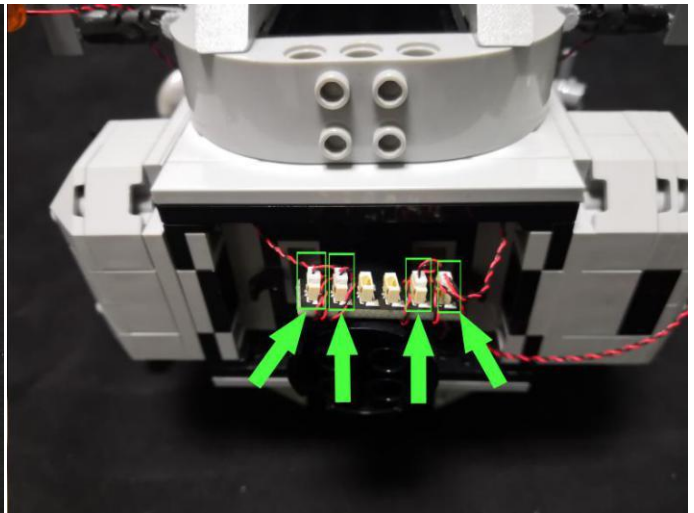
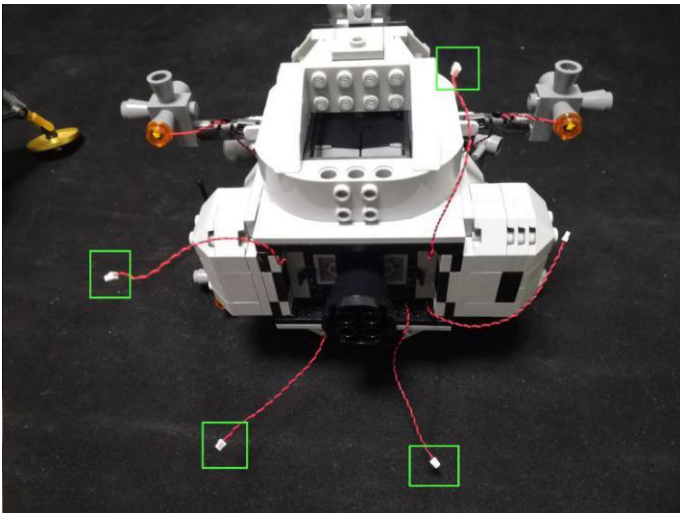
**54. Reconnect the following gray piece we removed before.**



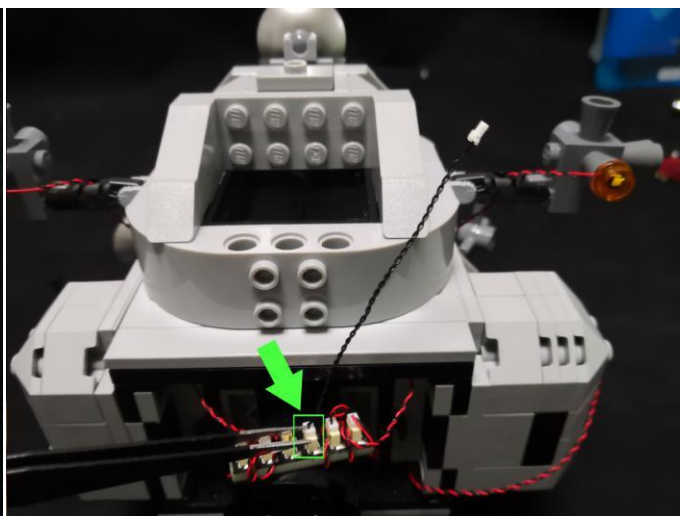
**55. Connect the piece over it, take a 6-port expansion board.**



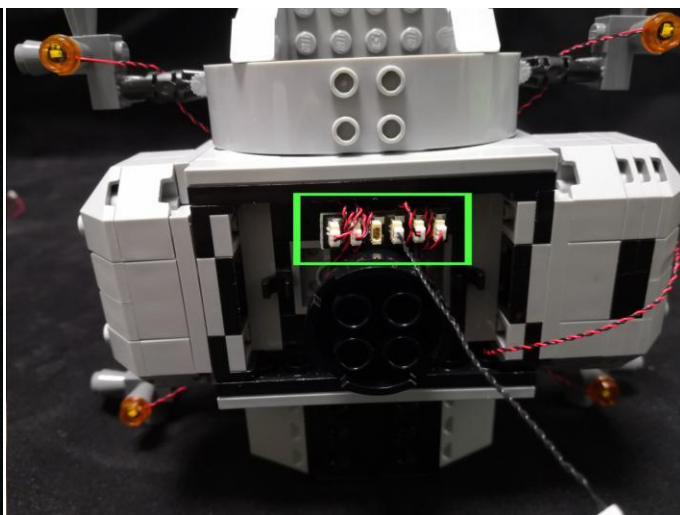
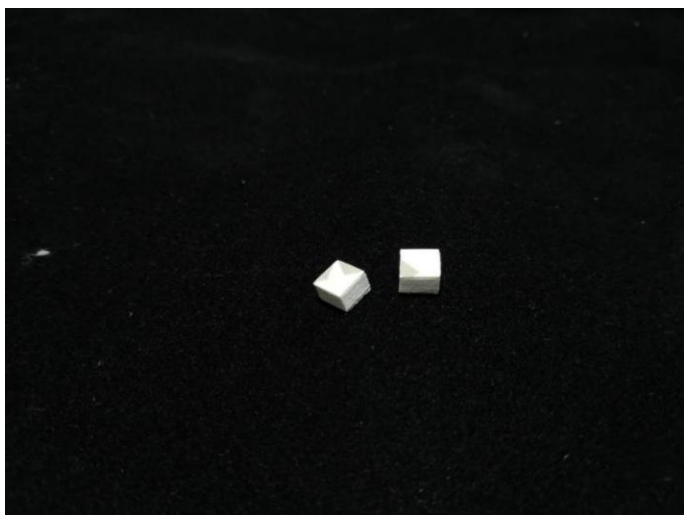
**56. Connect the following cables marked in green (4 cables of the warm white dot lights) to the 6-port expansion board, (you can tuck excess cables around the expansion board).**



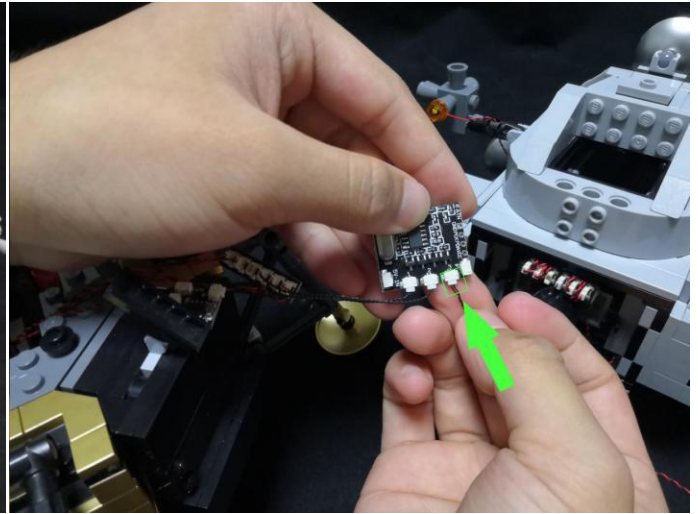
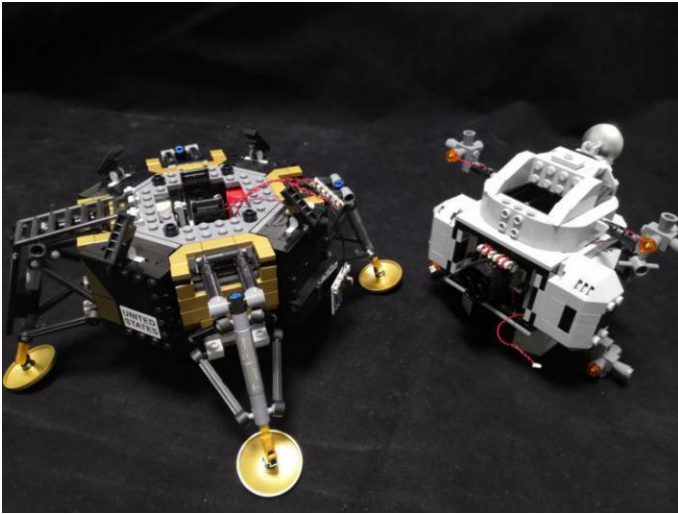
**57. Take a 5cm connecting cable, connect it to the 6-port expansion board.**



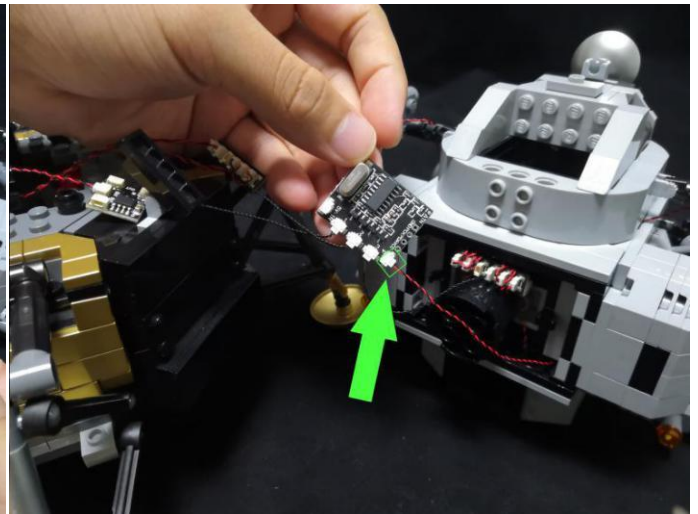
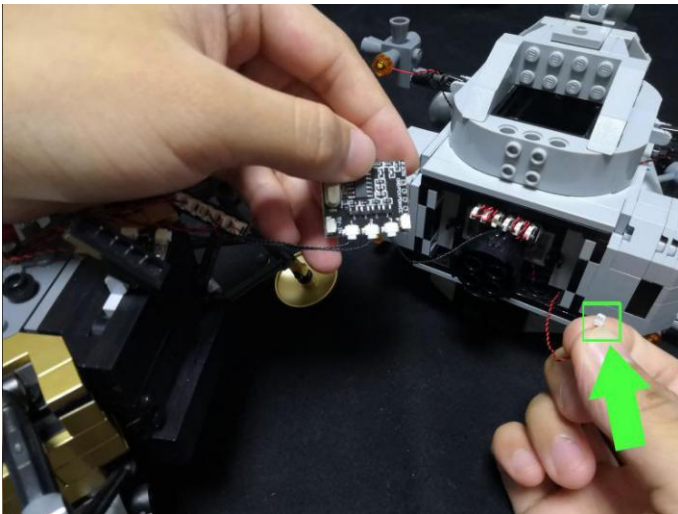
**58. Take 2 adhesive squares, stick the 6-port expansion board to the following place with them.**



**60. Take the descending part, connect the 5cm connecting cable from the ascending part to the '3' port on the Remote Control Switch Board.**

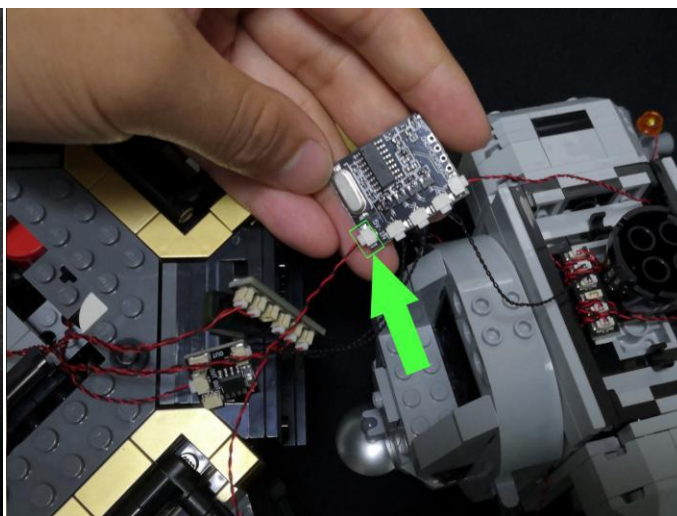


**61. Connect the 15cm head light cable from the ascending part to the '4' port on the Remote Control Switch Board.**

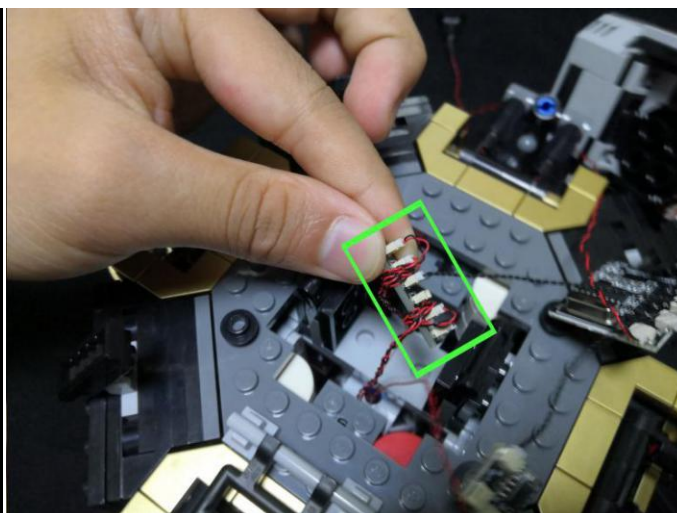




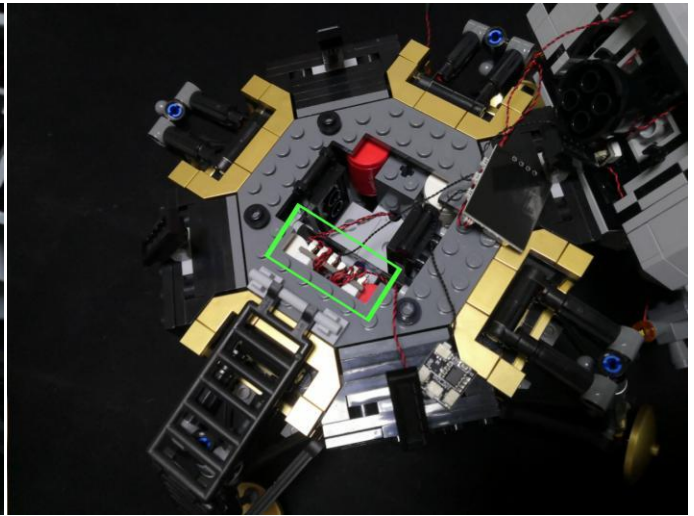
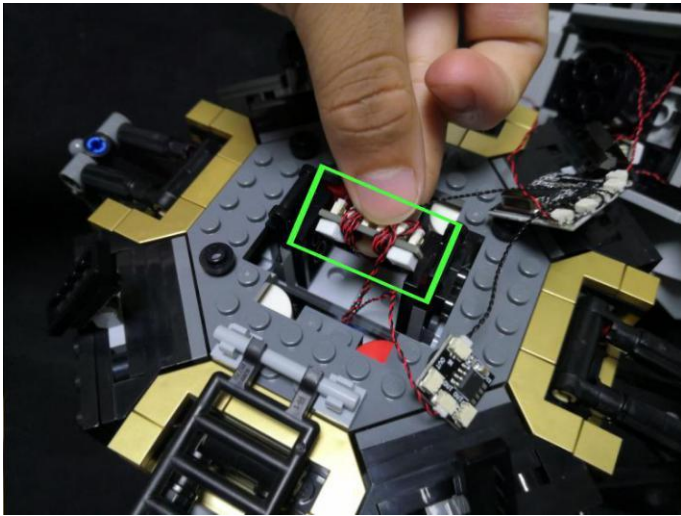
**62. Take a USB cable, connect it to the input port on the Remote Control Switch Board.**



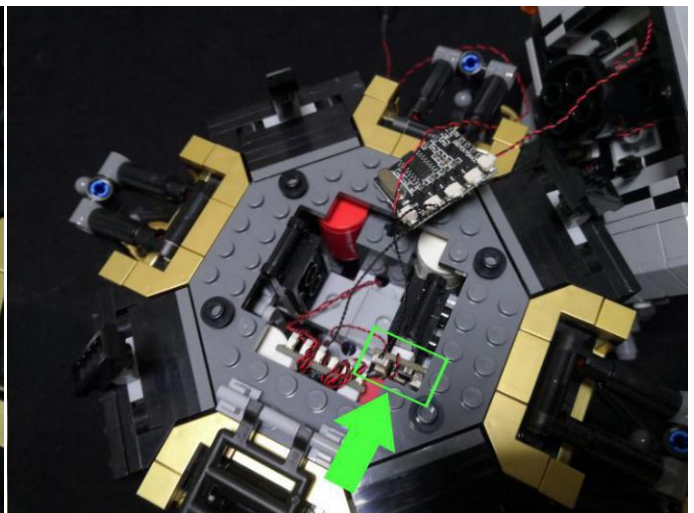
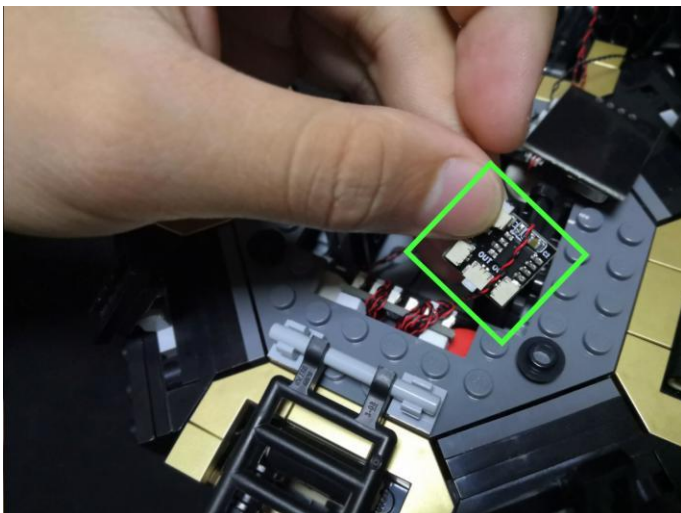
**63. Take 4 adhesive squares, tuck excess cables on the 6-port expansion board from the descending part as per below.**



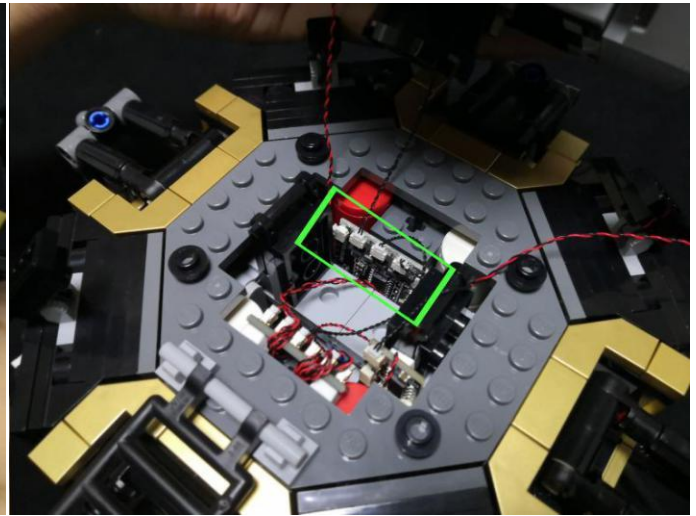
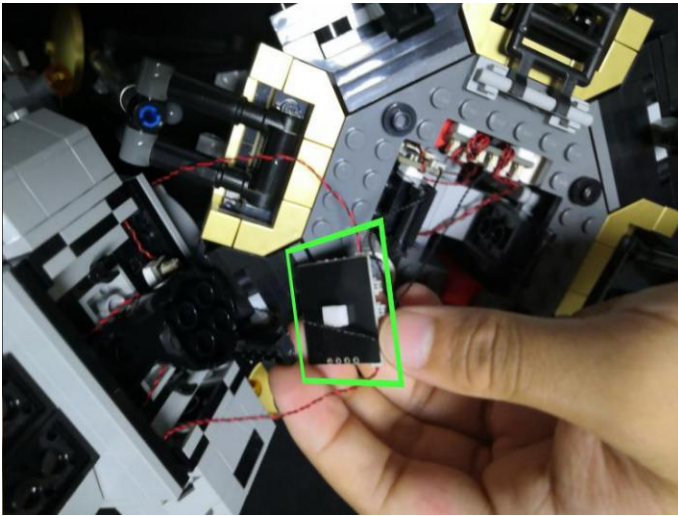
**64. Stick the expansion board to the following place with 2 adhesive squares.**



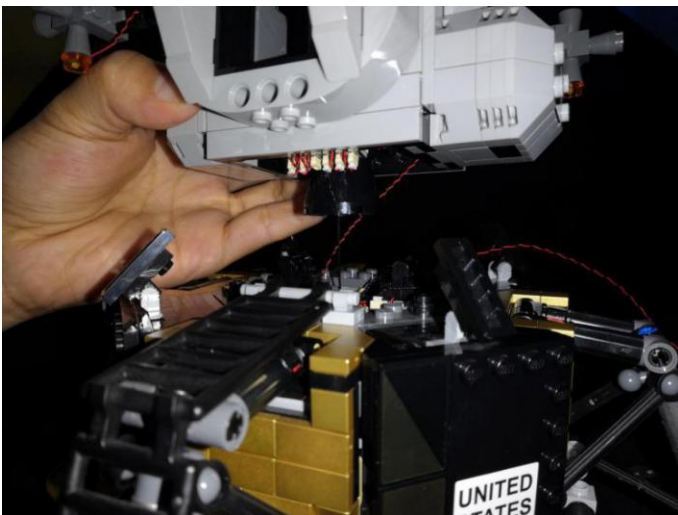
**65. Tuck excess cable on the Flicker Effects Board as per below, stick it to the following place with an adhesive square. s**



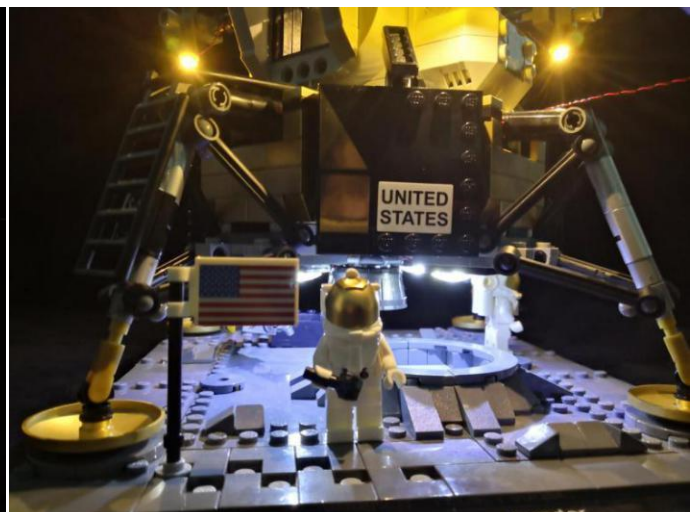
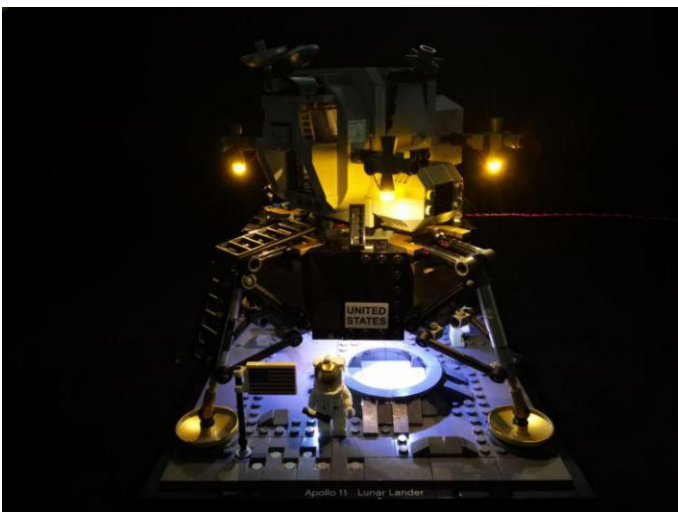
**66. Stick the Remote Control Switch Board to the following place with an adhesive square.**



**67. Reconnect the 2 parts, reconnect the base. This completes installation of this LED Lighting Kit. ENJOY!**



**68. Product display.**



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

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

