NASA Apollo 11 Lunar Lander # 10266 Remote Controller Lighting Kit

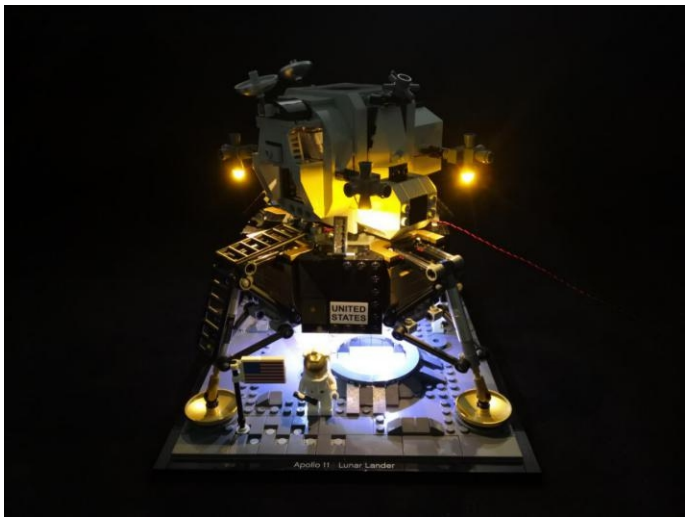
Thank you for choosing our lighting products. We are committed to LEGO product study and lighting development, we're always trying our best to provide LEGO fans with the best products and the best installation ideas.
Must be careful observation, imagination can be infinite.
We provide basic parts to support your imagination.
DO IT YOURSELF .that's what LEGO is .

As always, Lego has been adhering to the DIY philosophy from product selection, research and development to sales. Consumers buy the parts, you will assemble them by yourself, and you can experience every step from picking up the first piece to installing the last one. Besides, LEGO has different answers for the installation form and method of each part. Vonado lighting also does not want to kill your unlimited creativity, we will try our best to make products with high variability, high playability and unlimited play. If you have any dissatisfaction or your own ideas on the parts such as the color of the lights, the length of the cables, the installation position of the product, and the final effects of each module, you can make your own arrangement, and we will cooperate with you to replace or repurchase.
LETS MOVE!

Lighting Kit:

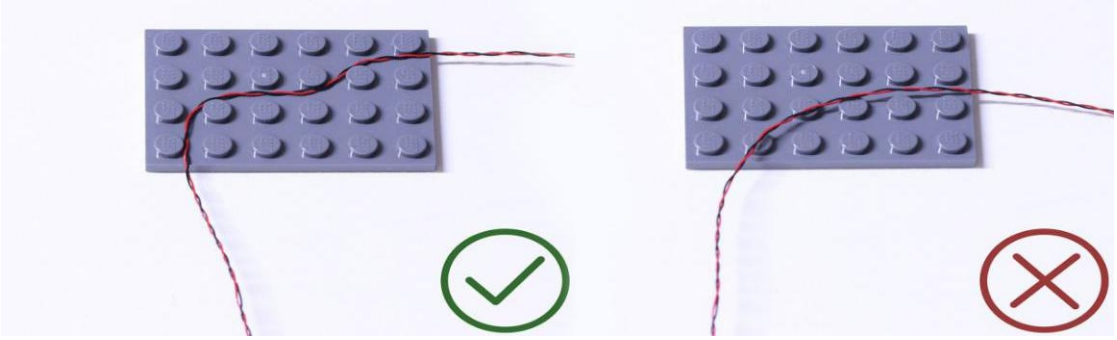
- 4 x 15cm Warm White Dot Lights
- 4 x 15cm White Dot Lights
- 2 x 15cm Head Lights
- 3 x 5cm Connecting Cables
- 2 x 6-port Expansion Boards
- 1 x Flicker Effects Board
- 1 x Remote Control Switch Board
- 1 x USB Cable

Extra pieces



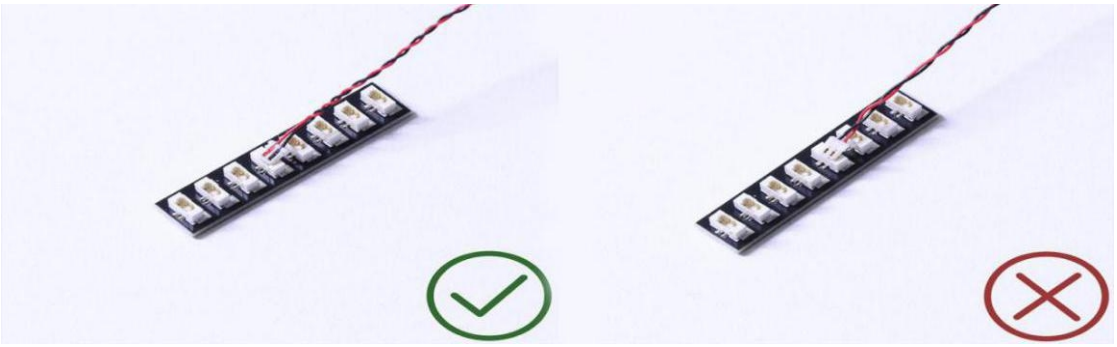
Note:

Place wires on the surface or under the building blocks.
The wire can be place between the building blocks or under the block, but they should be placed between the studs correctly.

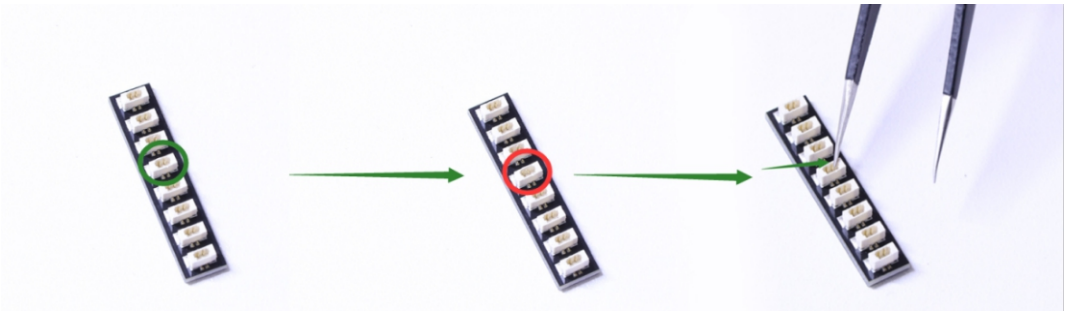


Insert the connectors to the ports.

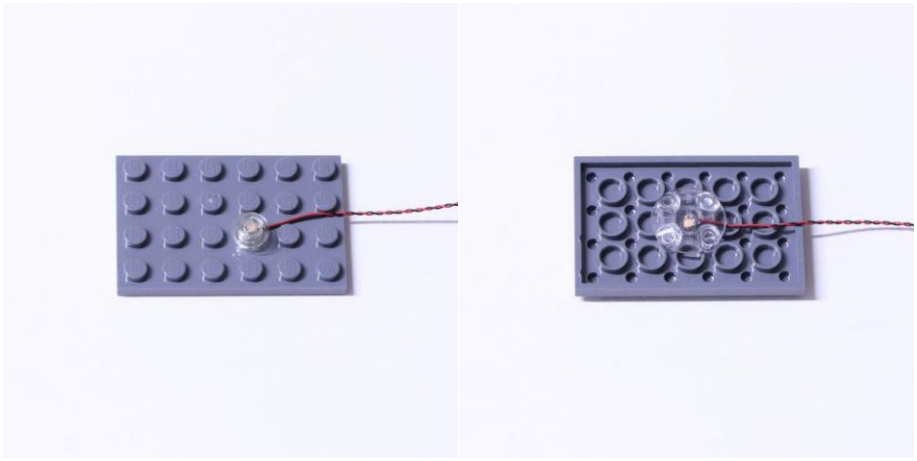
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, and don't force it, for that may result in bent pins inside the port or overheating of the expansion board.



At this point, use the tweezers to straighten the bent pins.

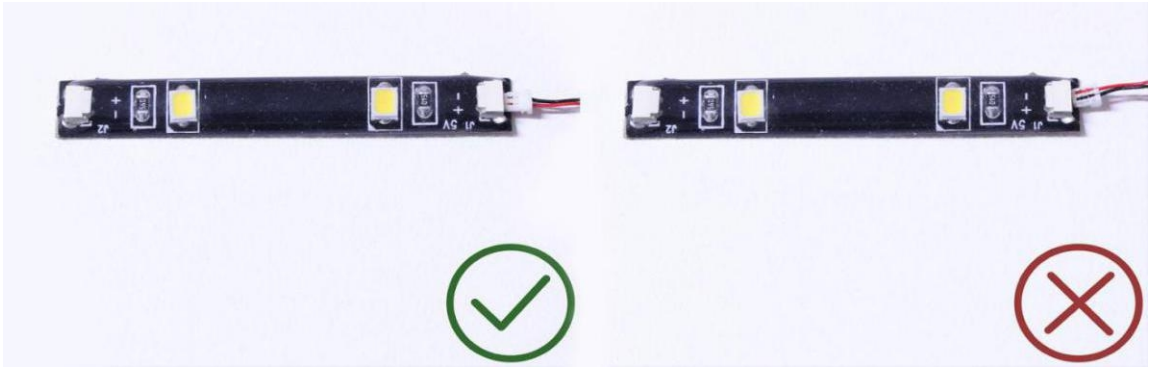


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put they either on the top of the studs or between studs.



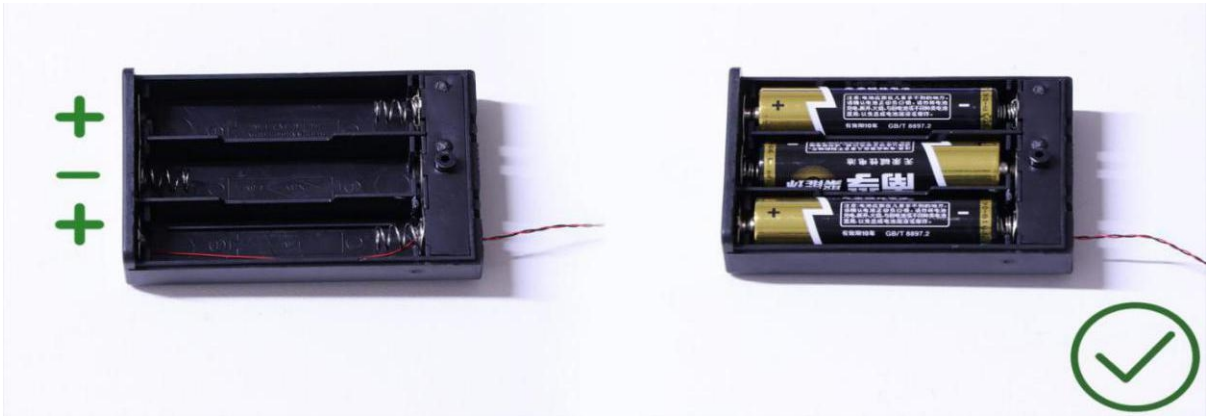
Connecting cable connectors to Strip Lights

Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage the plug and the connector.



Finally, please pay attention to the positive and negative terminals of the battery when installing the battery case.


CR2032
LITHIUM BATTERY
3V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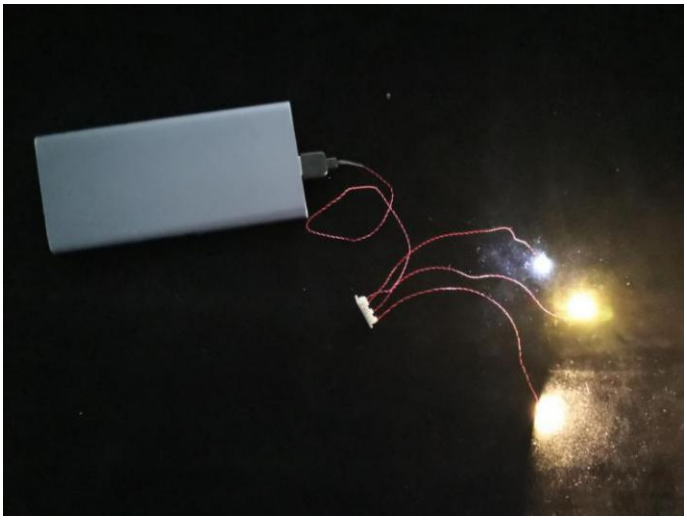
Instructions for installing this kit:

Apollo 11 Lunar Module, Remote Control Version Lighting Kit, 9 bags in total, 8 bags with labels, 1 bag without label, as per below:
Power supply: USB cable (please prepare the power bank or mobile phone charger by yourself).

Firstly, take the power source (power bank or mobile phone charger), connect the USB cable to it, then, connect the USB cable to the expansion board to verify all the lights.

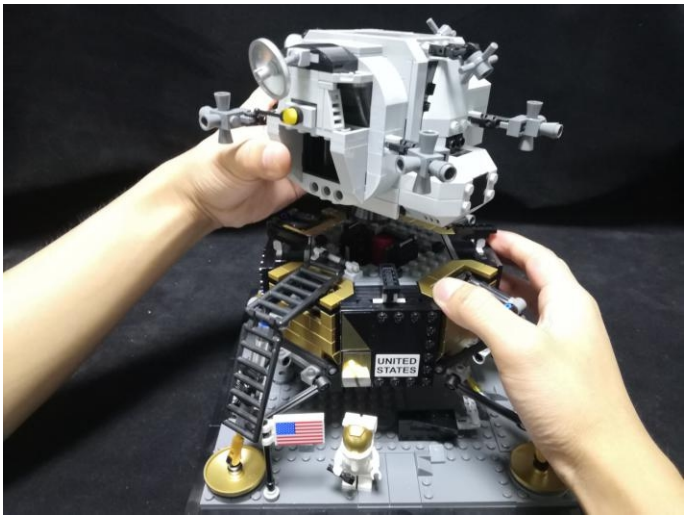
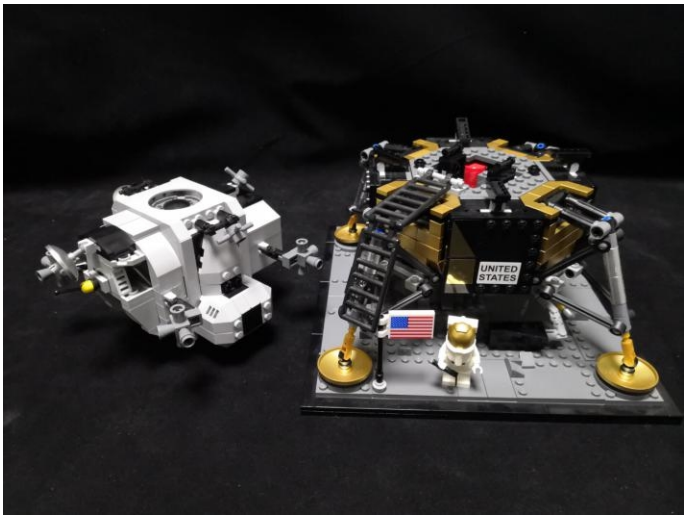


After the verification, disconnect the lights and put them back to the bags.
（note: put the lights back to the bags when verification of the lights from the same bag is done, then, continue to verify the lights in another bag.）

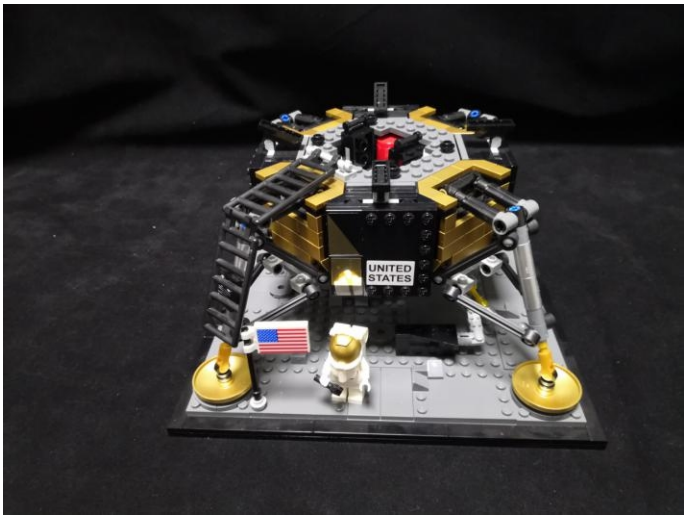
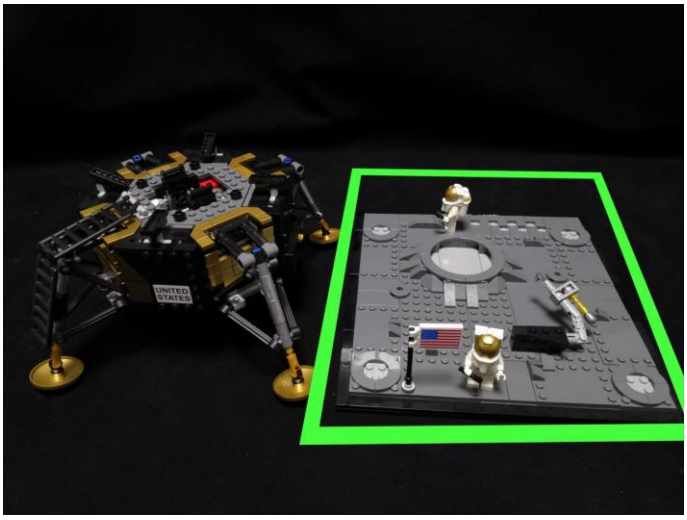
OK, Let’s Begin! （you can use the tweezer if necessary.）
（Tips: the tweezer is sharp, you should be careful when using it, do not hurt yourself or scratch the pieces; be gentle and do not wear the cables.）

Instructions for installing this kit:

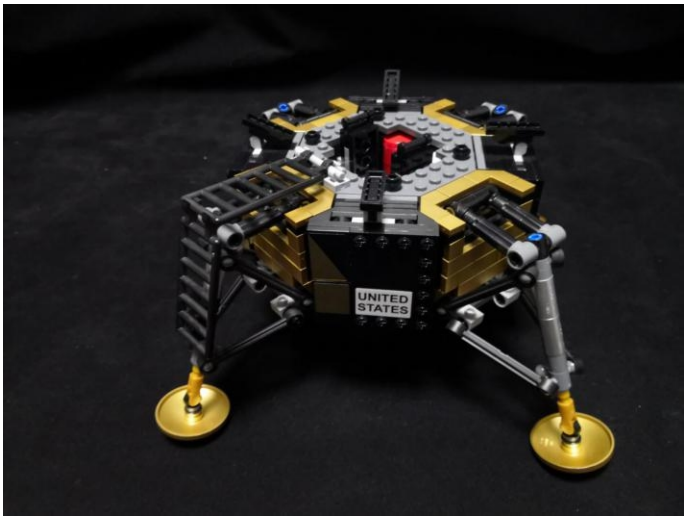
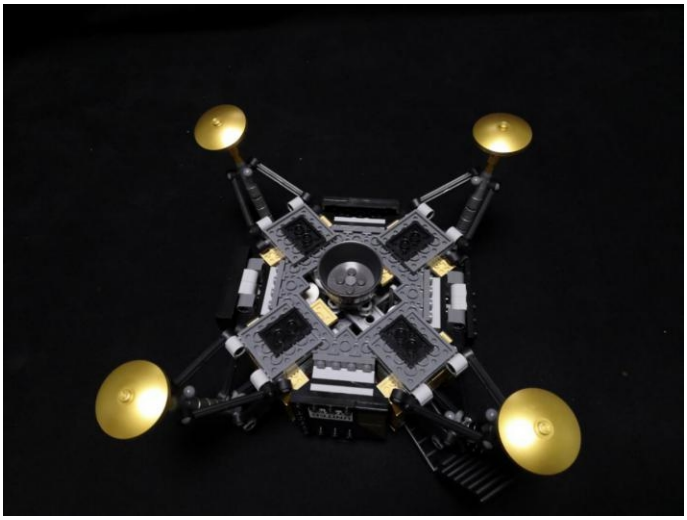
1. Start from separating the ascending part from the descending part.

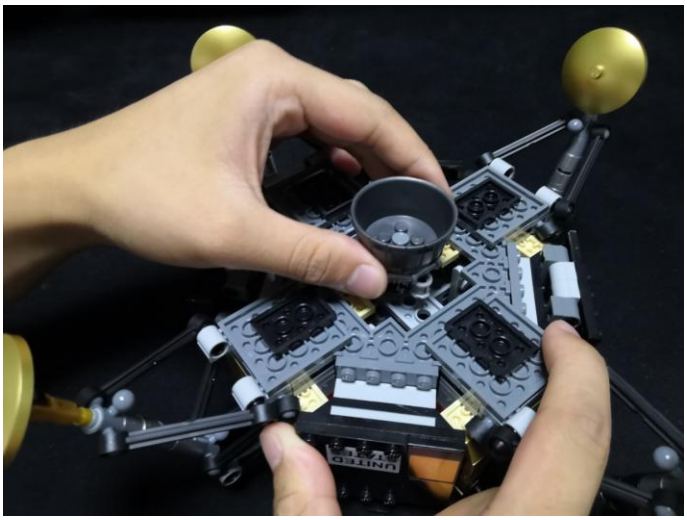
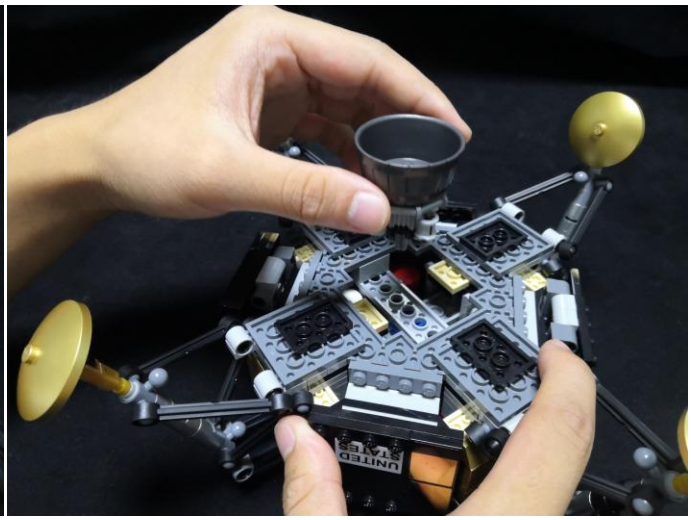
2. Separate the descending part from the base.

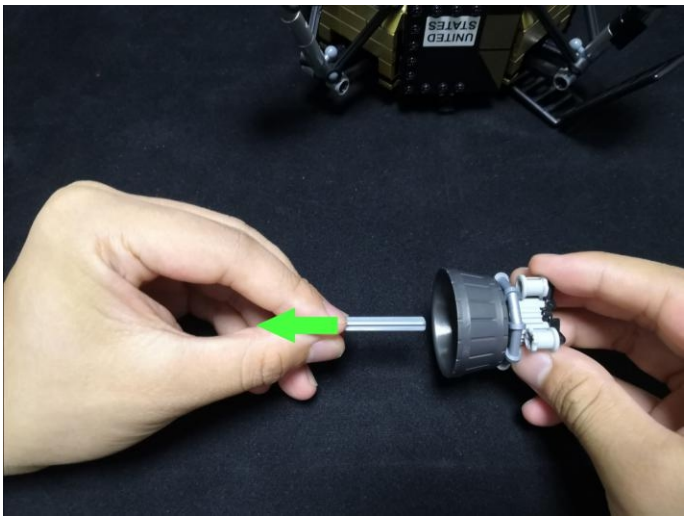
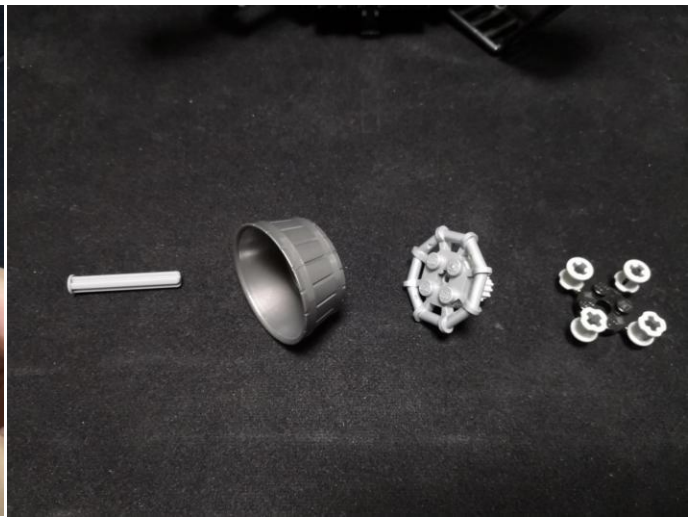
3. Take the descending part, turn it over.

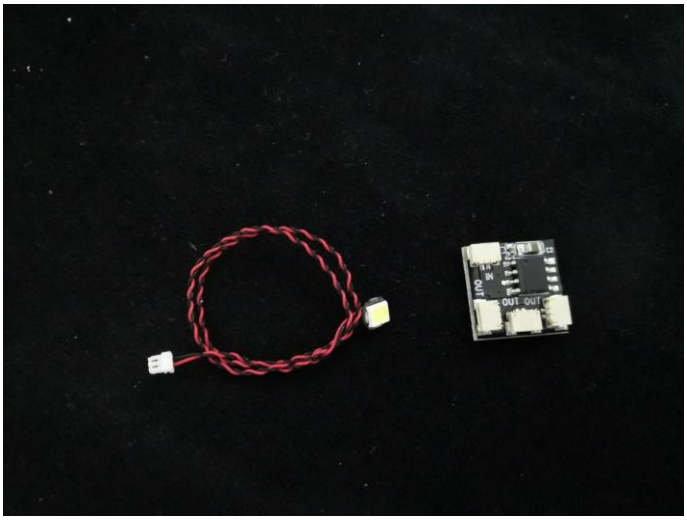
4. Remove the following piece.

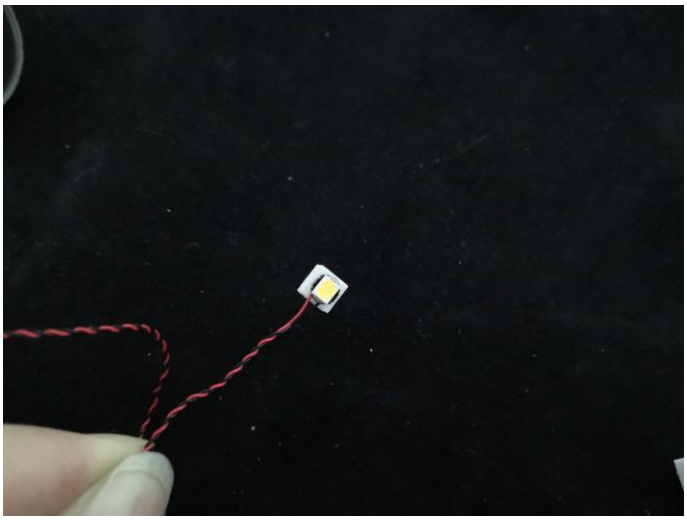
5.Disassemble it as per below.

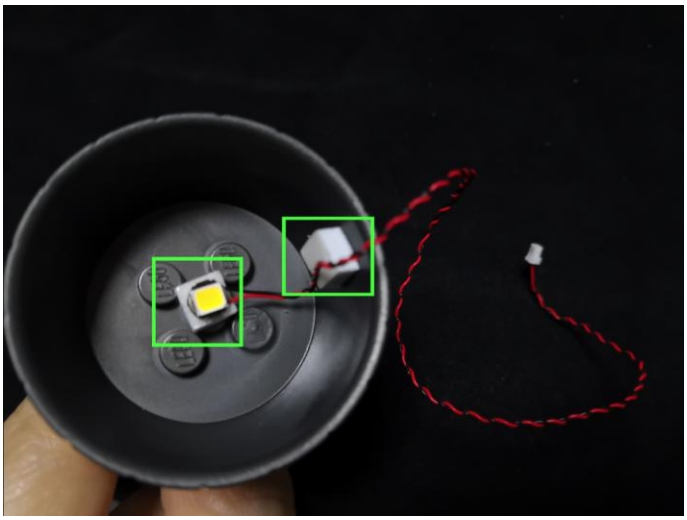
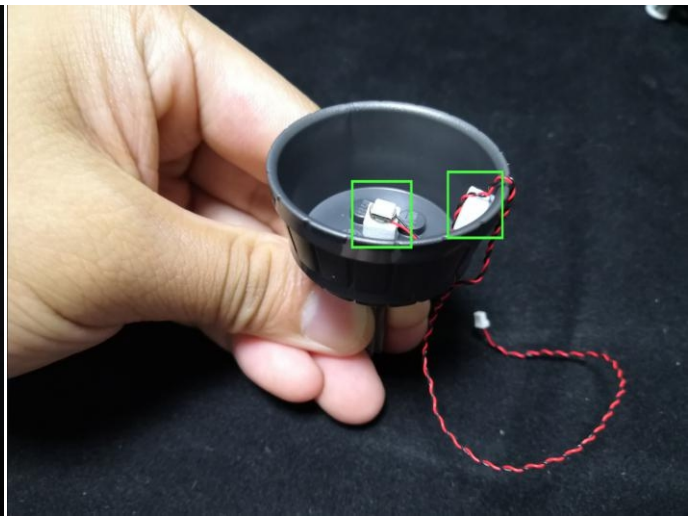
6. Take a Flicker Effects Board, a 15cm head light, 2 adhesive squares.



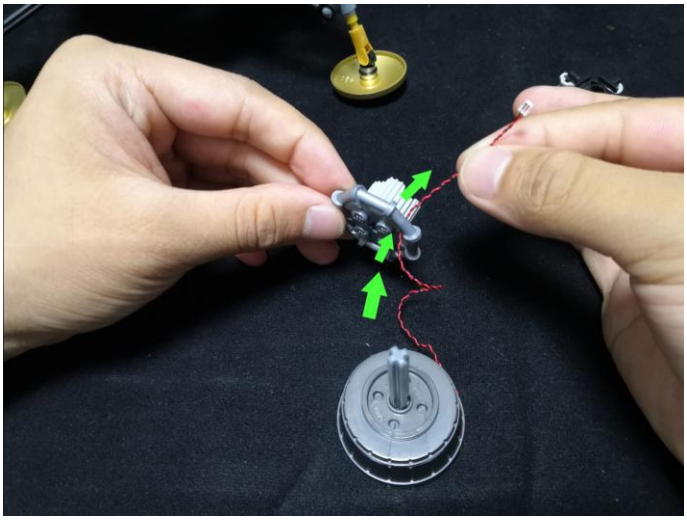
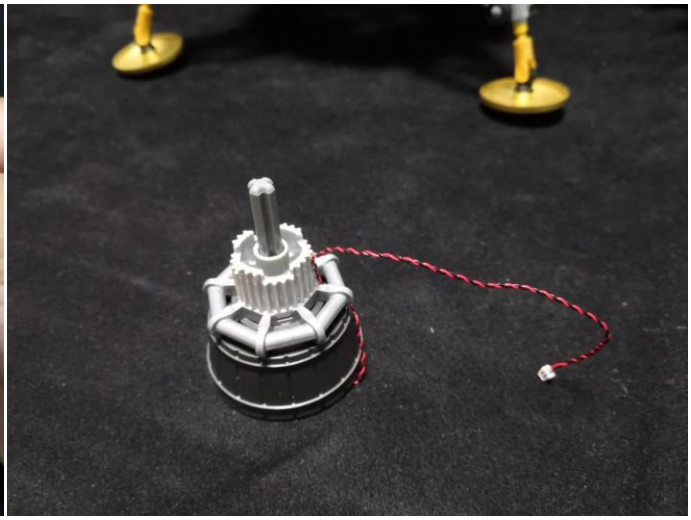

7.Stick an adhesive square to the light (with lighting part facing up), reconnect the following light gray piece.



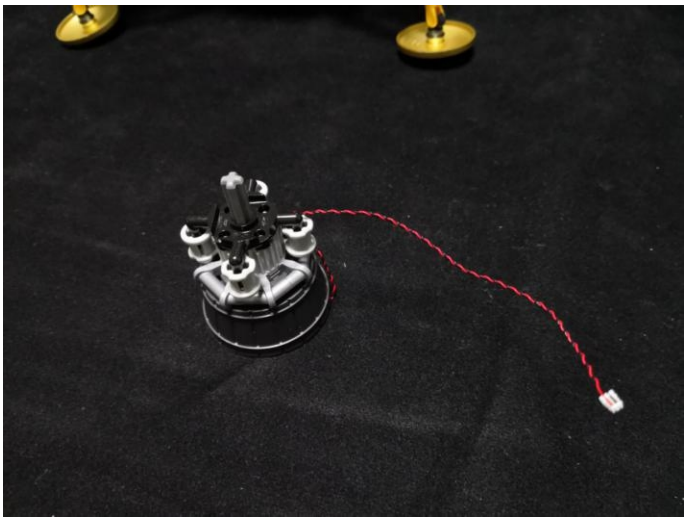

8. Stick the light to the following place, secure the cable with the other adhesive square.

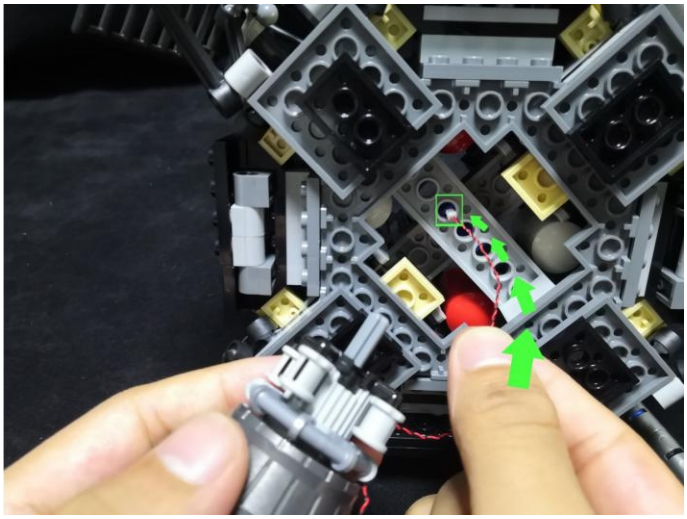
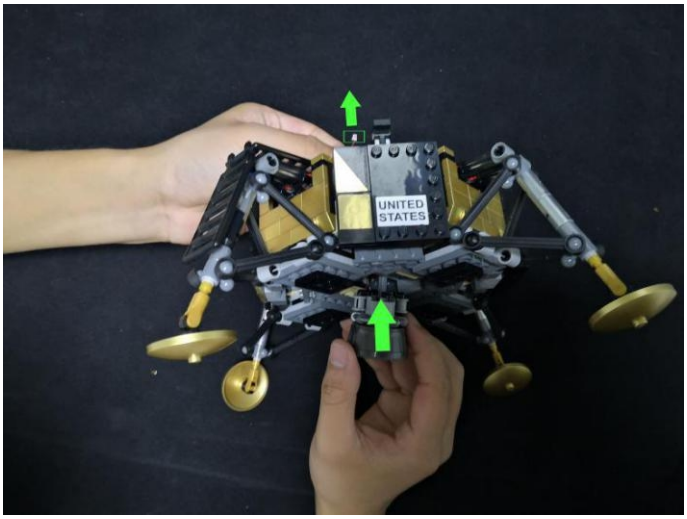
9. Thread the cable through the following piece, reconnect this piece.

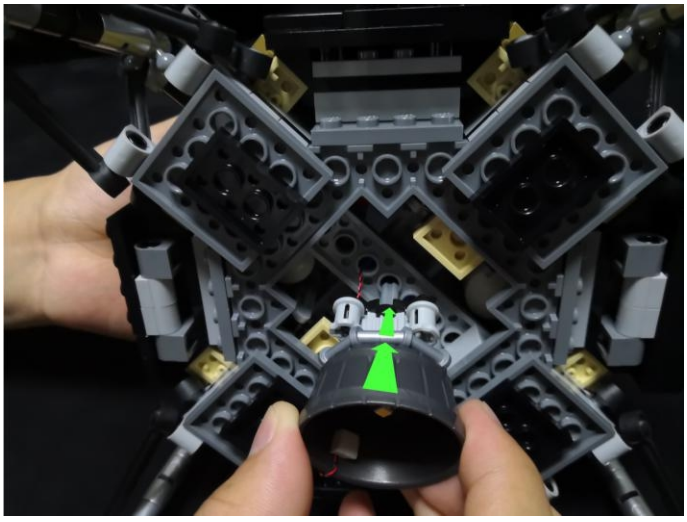
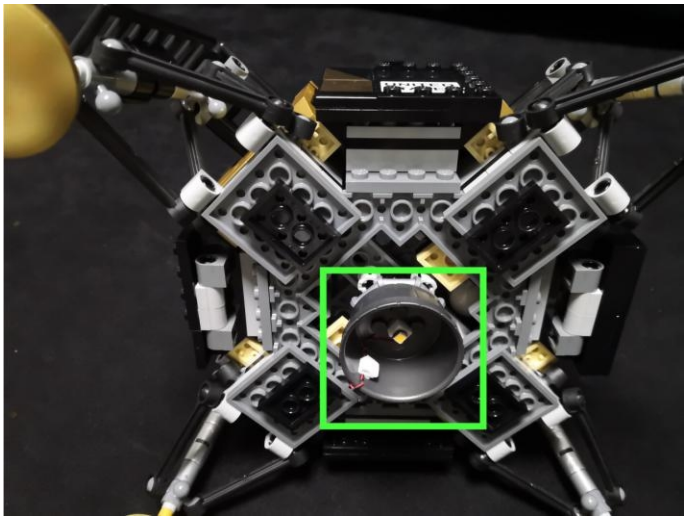
10. Reconnect the following piece we removed before.

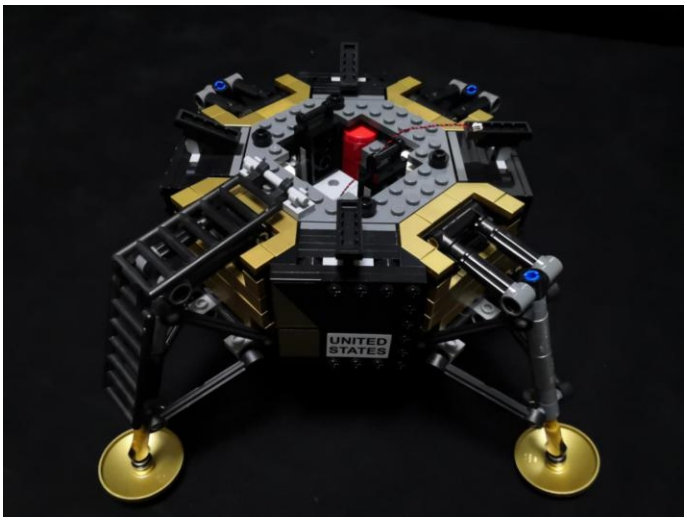
11. Turn the descending part to its side, thread the cable through the following gray piece underneath to the back.

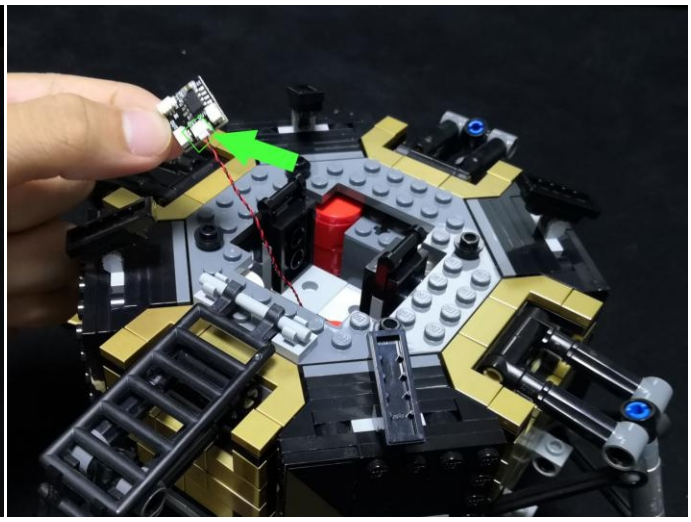



12. Reconnect the following piece underneath this part.

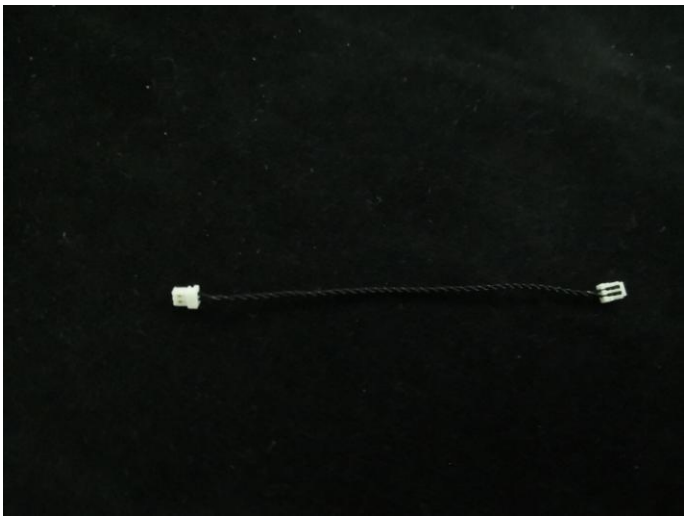
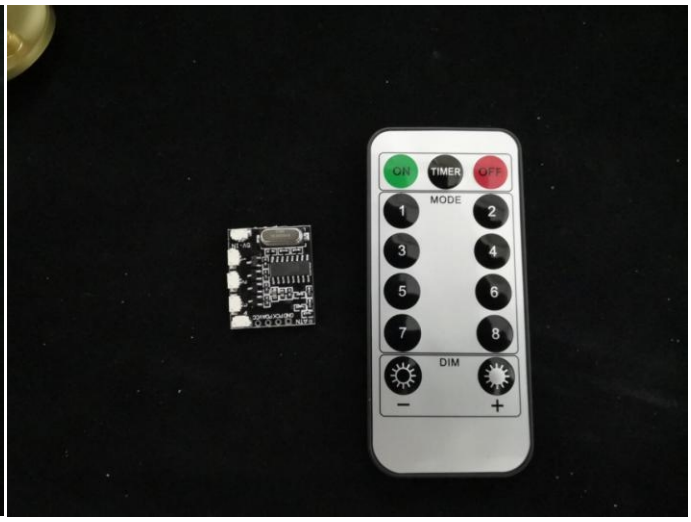



13. Turn the descending part back, connect the cable of the light to the output port on the Flicker Effects Board.

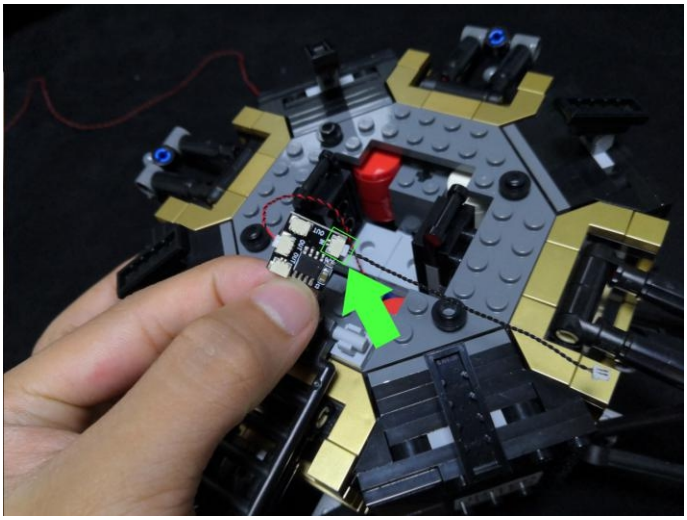
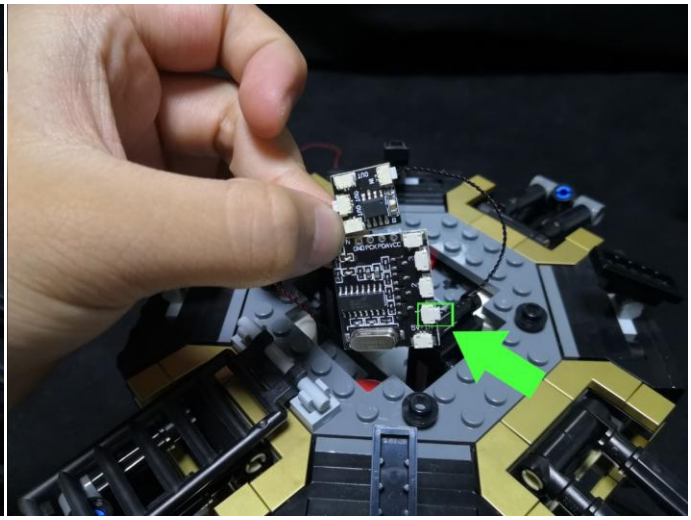




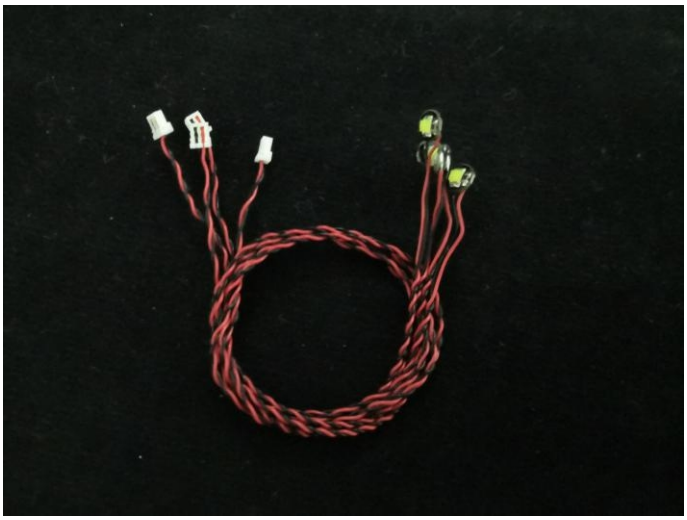
14. Take a 5cm connecting cable, a Remote Control Switch Board.

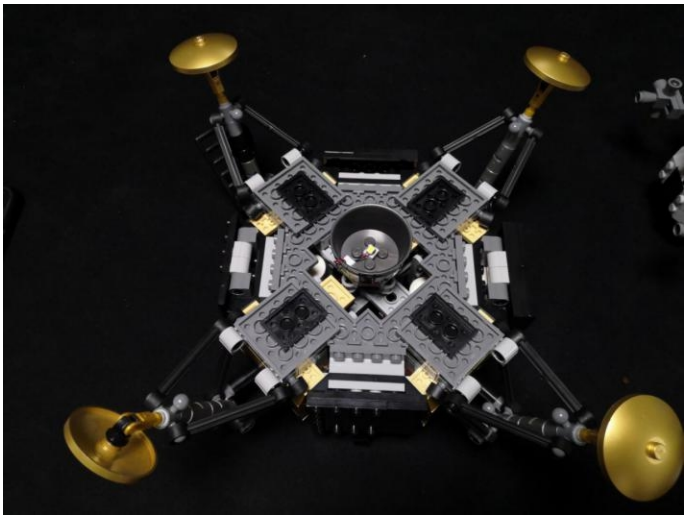
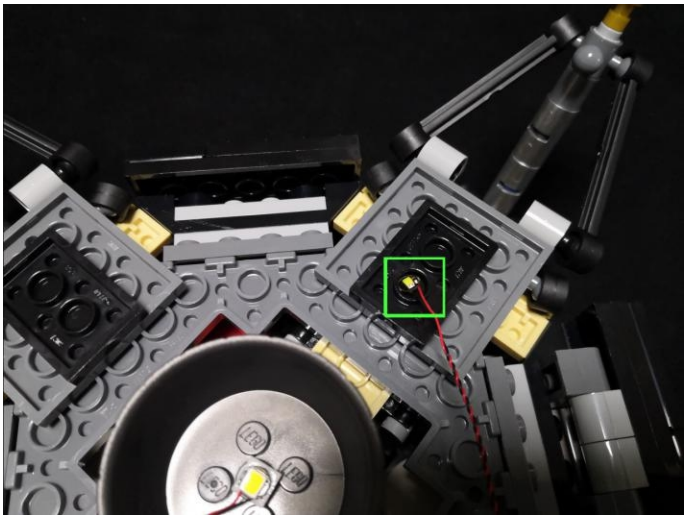
15. Connect the 5cm connecting cable to the input port on the Flicker Effects Board, connect the other end to the ‘1’ port on the Remote Control Switch Board.

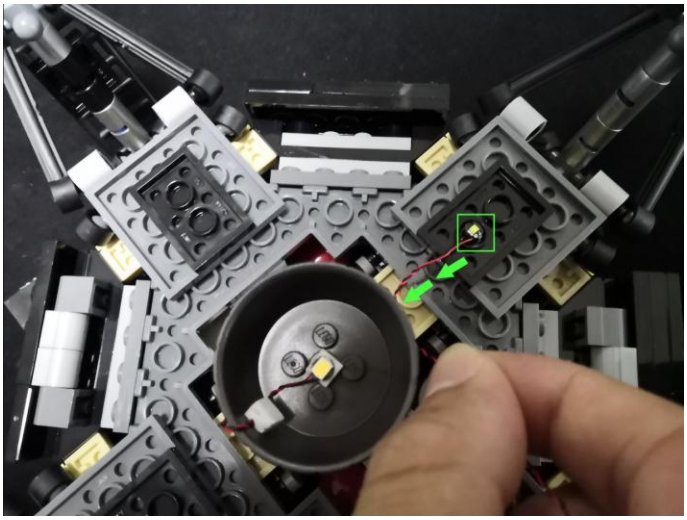
16. Take 4 white 15cm dot lights, 4 trans white 2x2 round plates.



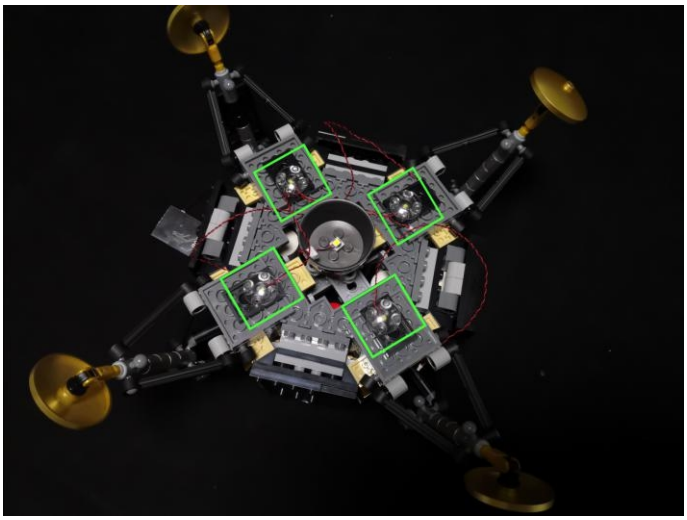
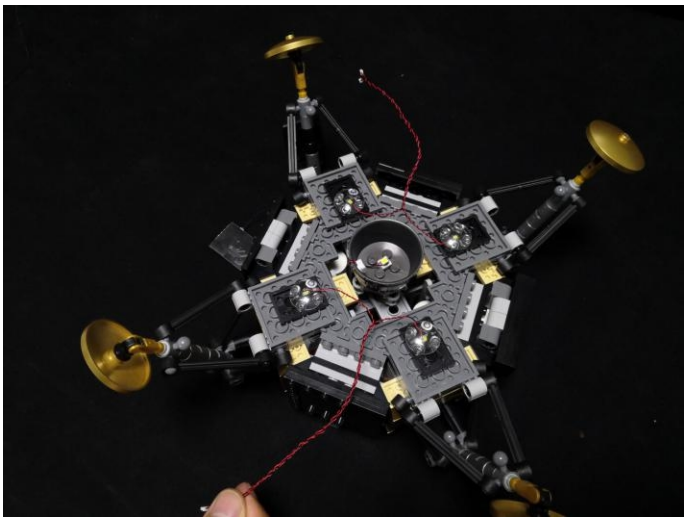

17. Turn the descending part over, place a light at the following black piece (with lighting part facing up, place it at the right place).

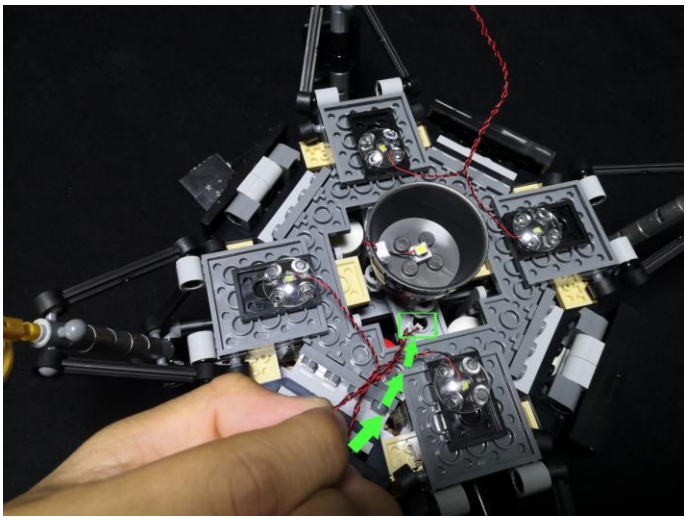
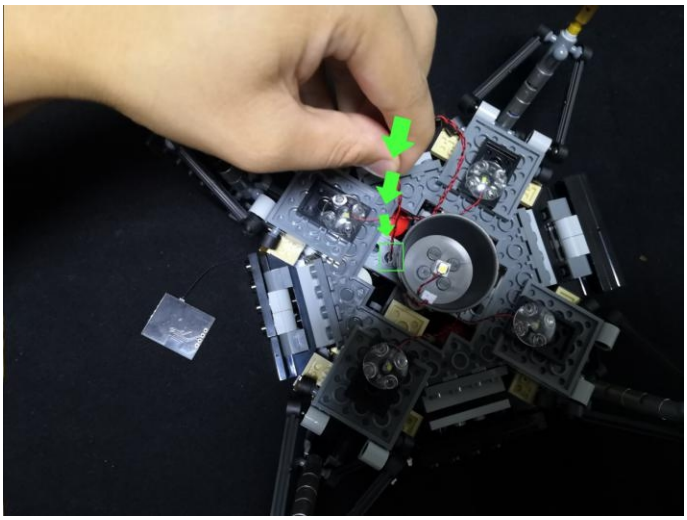
18. Pull the cable out as per below, connect a trans white 2x2 round plate over it.



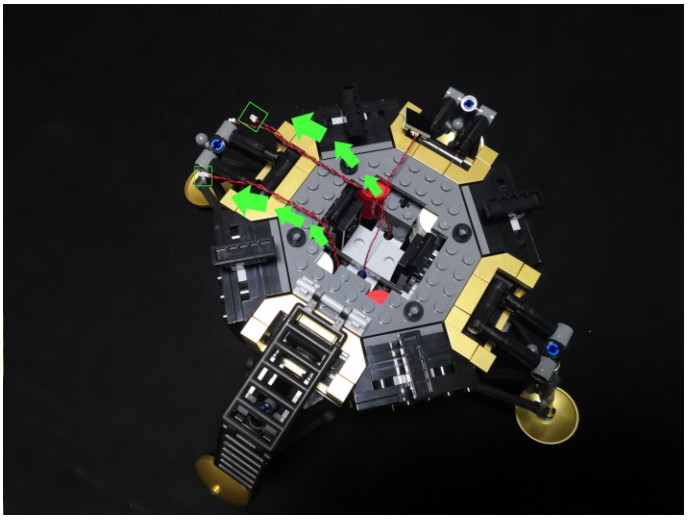

19. Repeat the steps above to install the last 3 lights, and group every 2 adjacent cables together as per below.

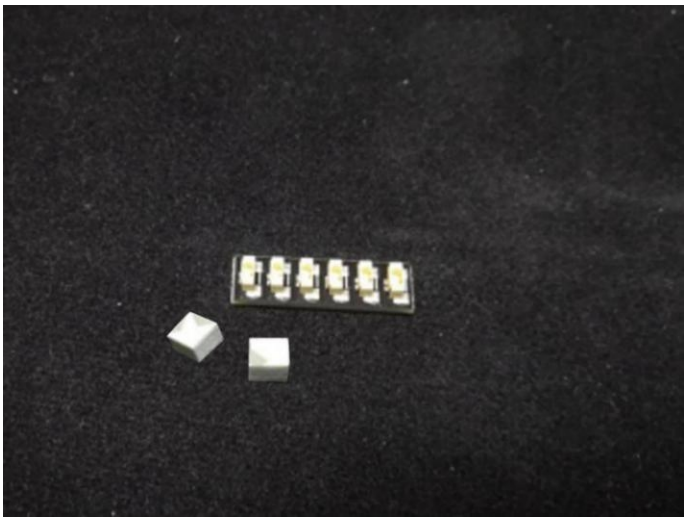
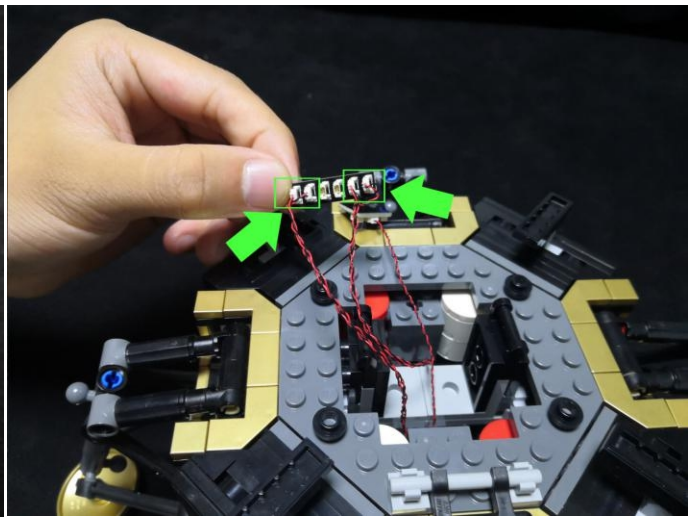
20. Thread the 2 groups of cables through the following gray piece to the back as per below.

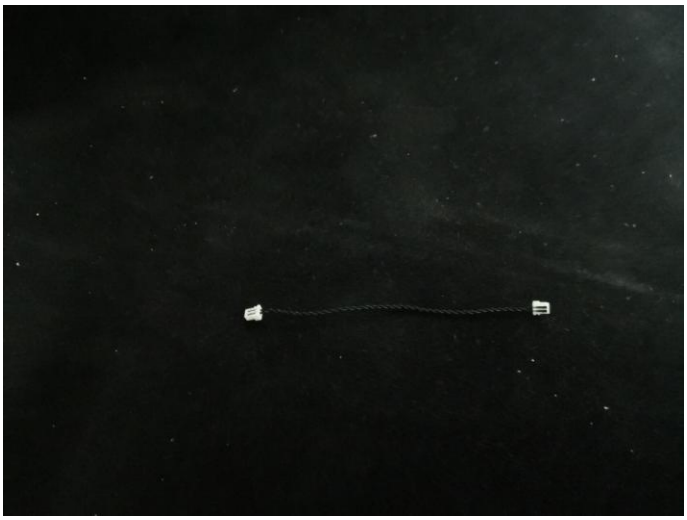
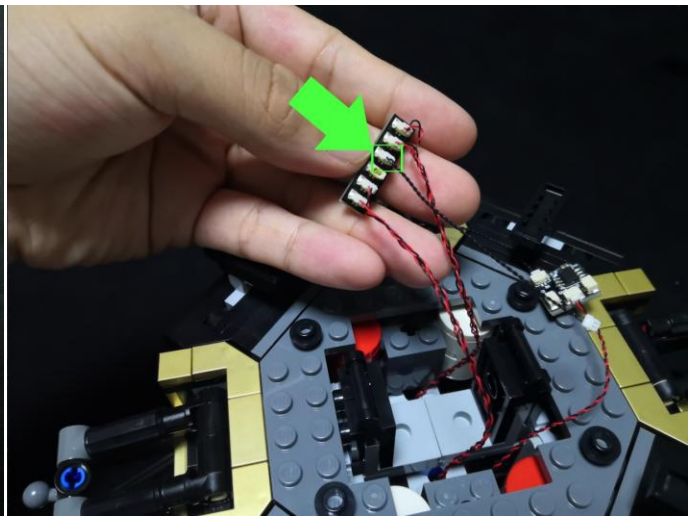
21. Turn this part over, pull the cables out (in case of breaking the cables, do not pull them too hard).

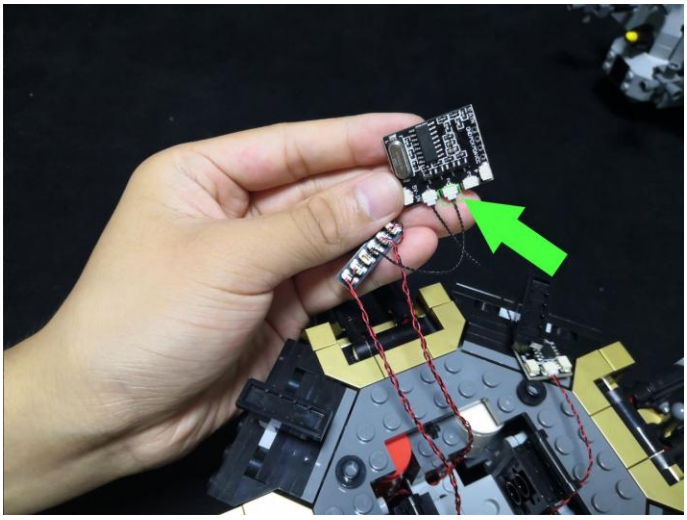
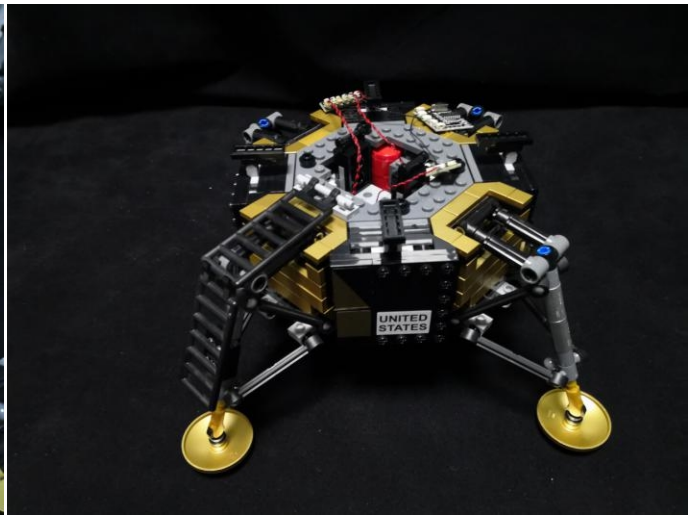
22. Take a 6-port expansion board, 2 adhesive squares, connect the 4 cables to it, stick it to the following place with the adhesive squares.

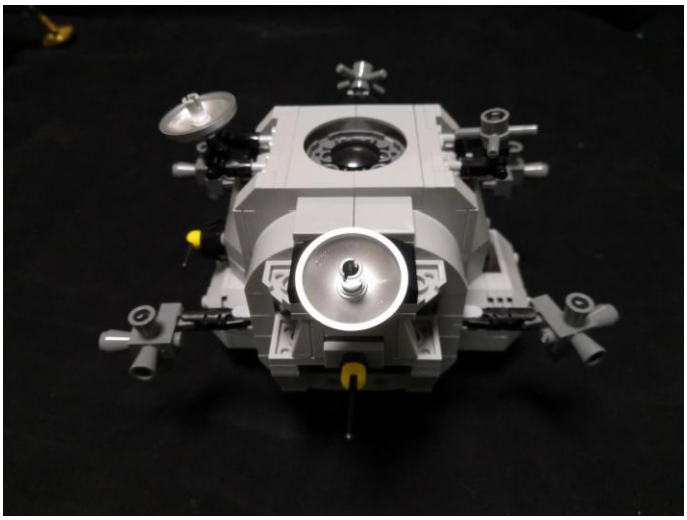
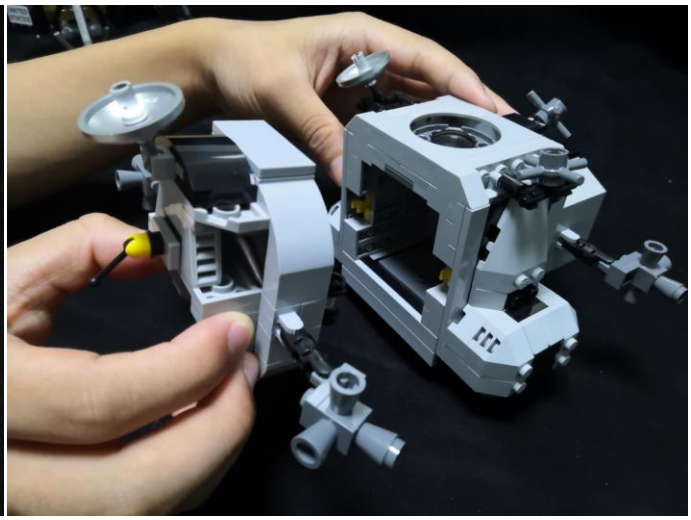
23. Take a 5cm connecting cable, connect it to the 6-port expansion board.

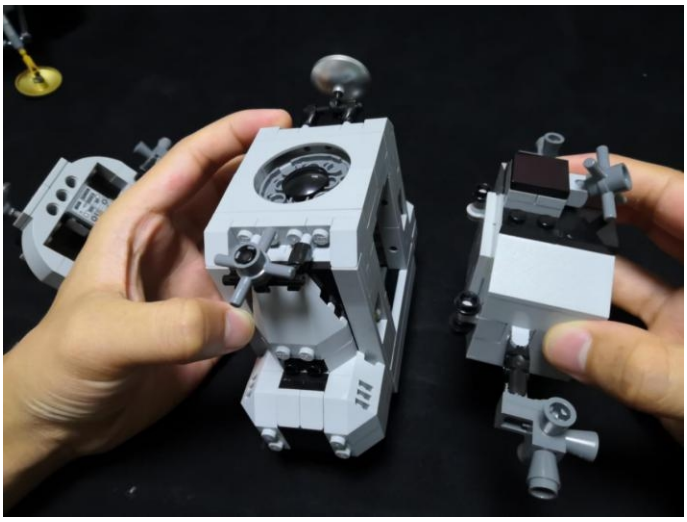
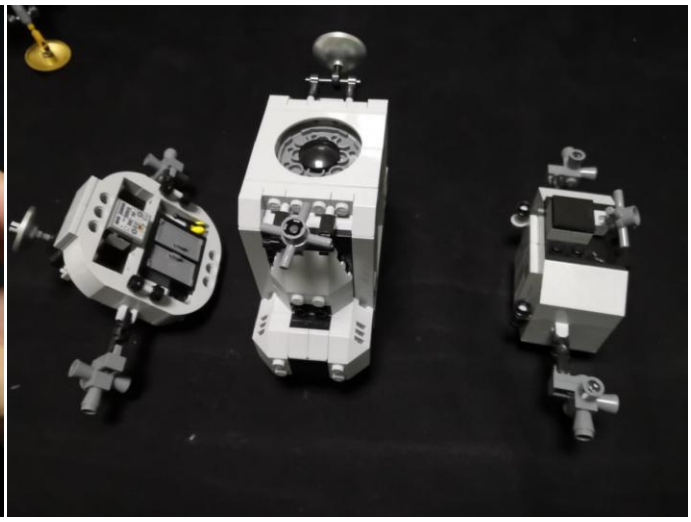
24. Connect the other end of the 5cm connecting cable to the port ‘2’ on the Remote Control Switch Board.

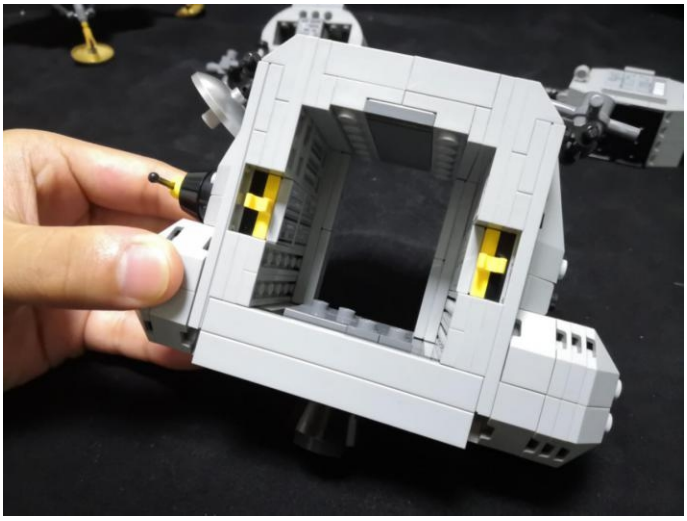
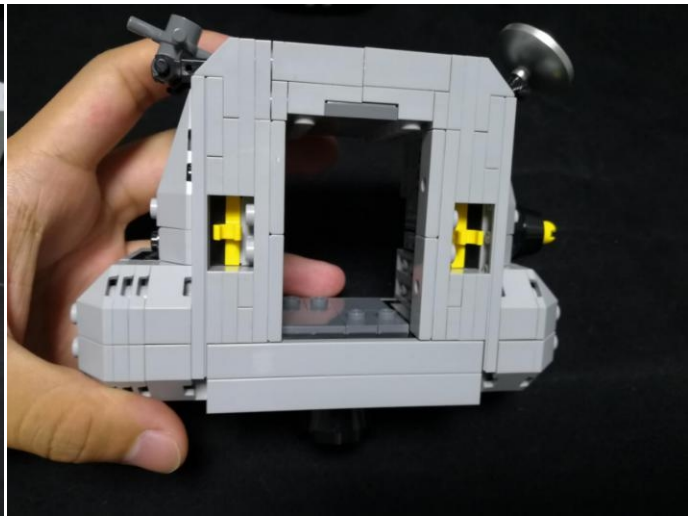
25. Continue to install lights for the ascending part. Disassemble it as per below.

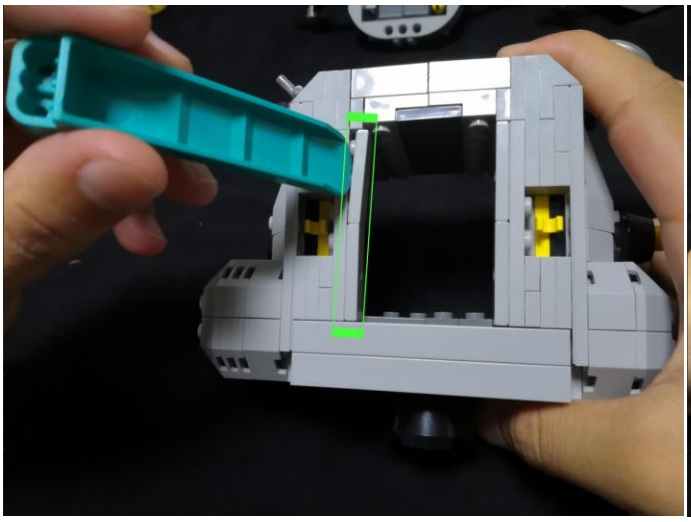
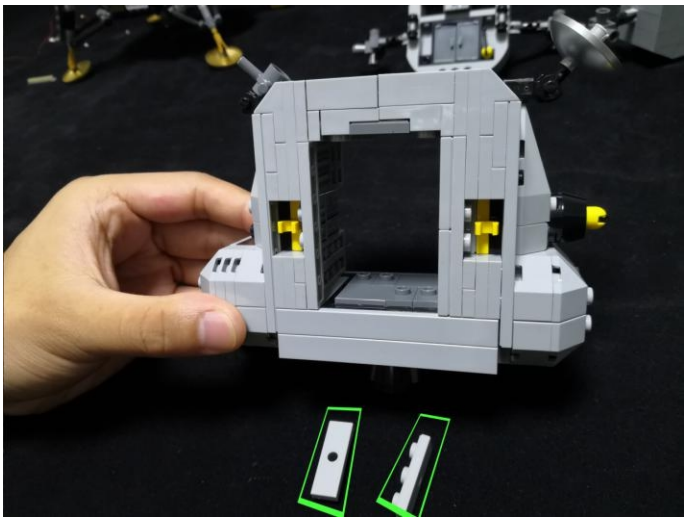
26. Disconnect the back part as per below.

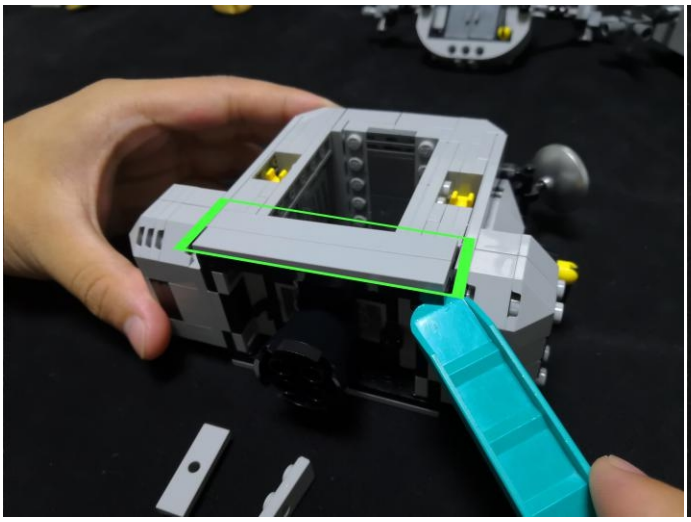
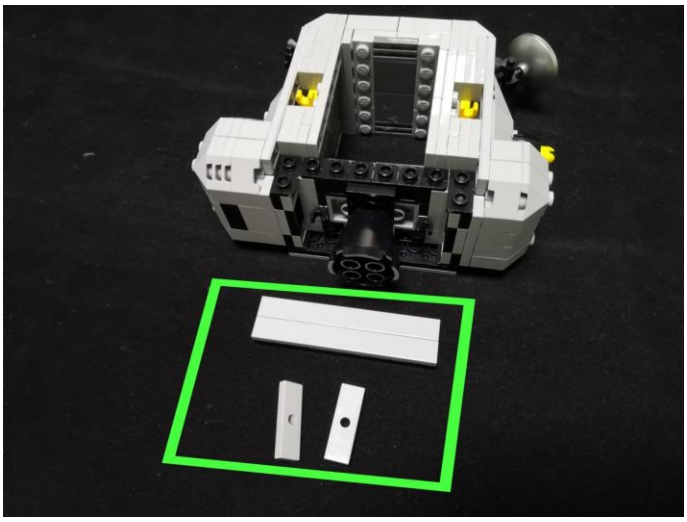
27. Take the middle part.

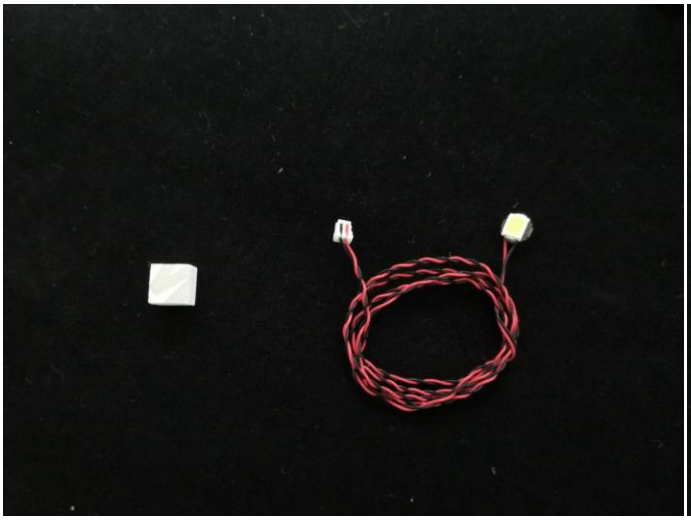
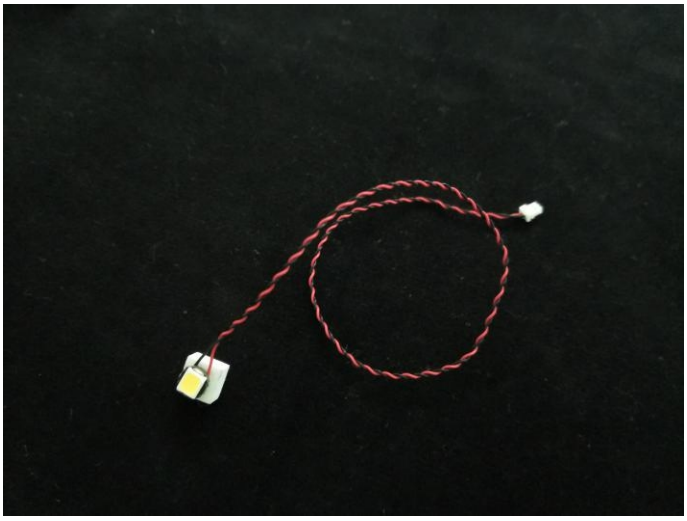
28. Disconnect the following pieces.

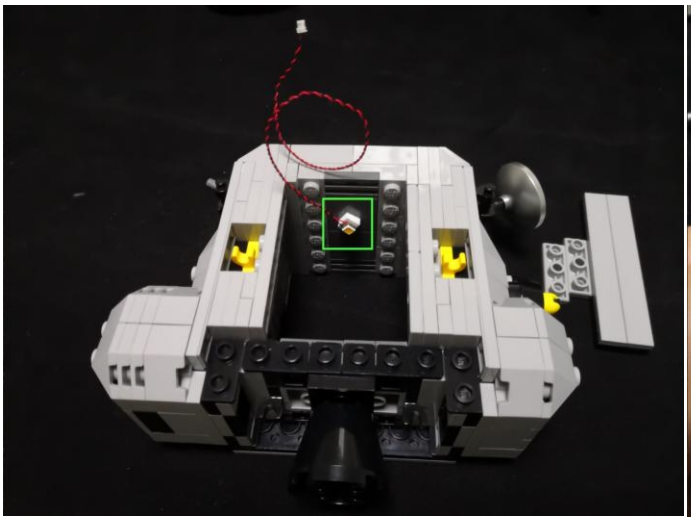
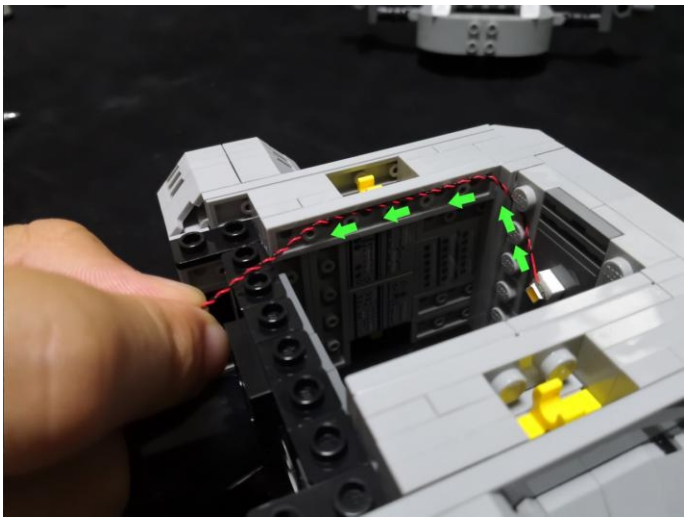
29. Disconnect the following gray piece.

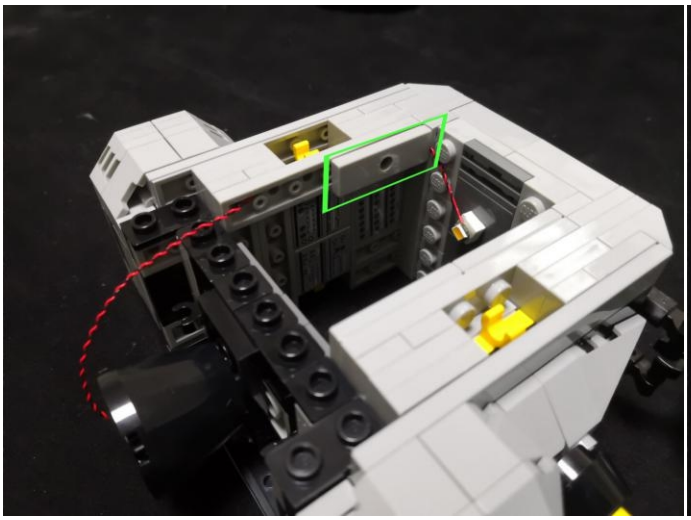
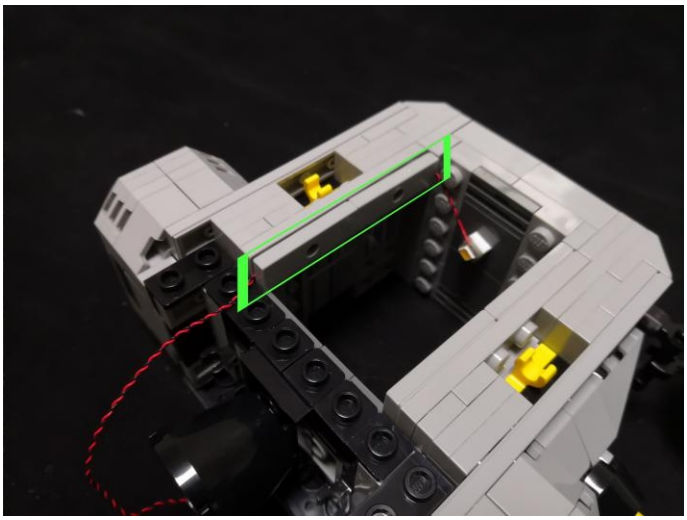
30. Take a 15cm head light, an adhesive square, stick the adhesive square to the head light.

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

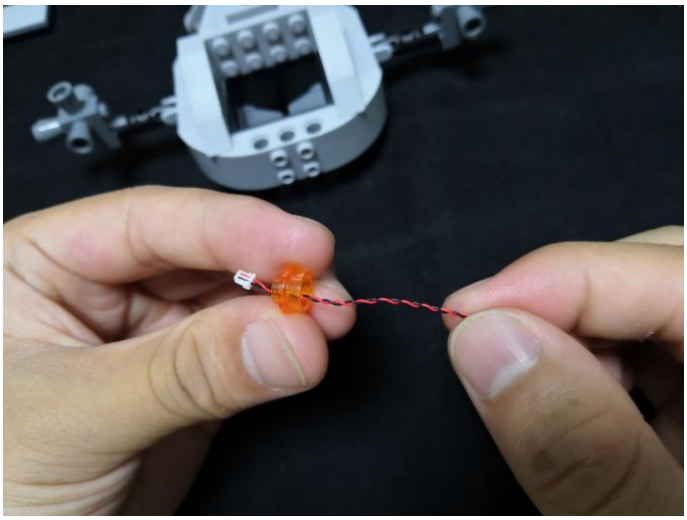
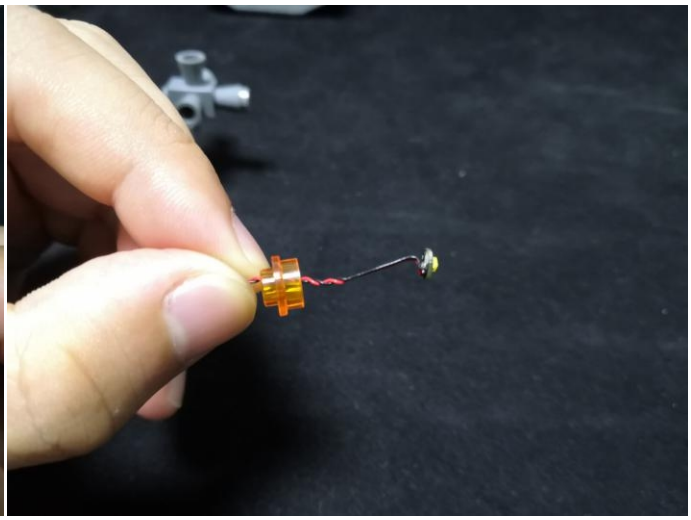



32. Reconnect the following piece at the left (do not force too much).

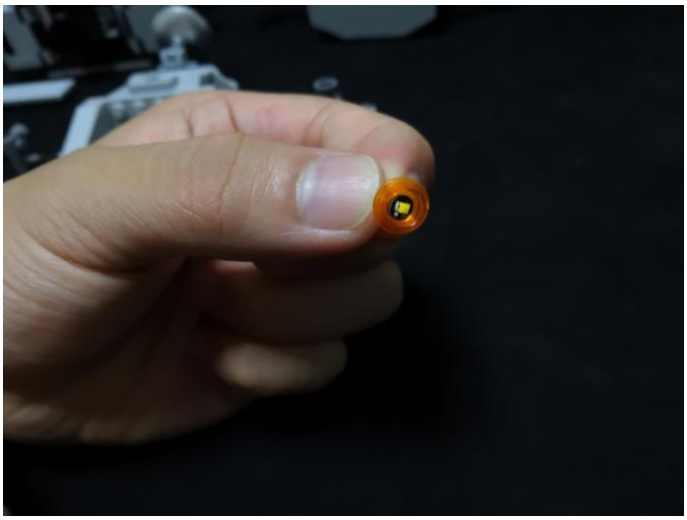



33. Take 2 warm white 15cm dot lights, 2 trans orange 1x1 round plates with hole.

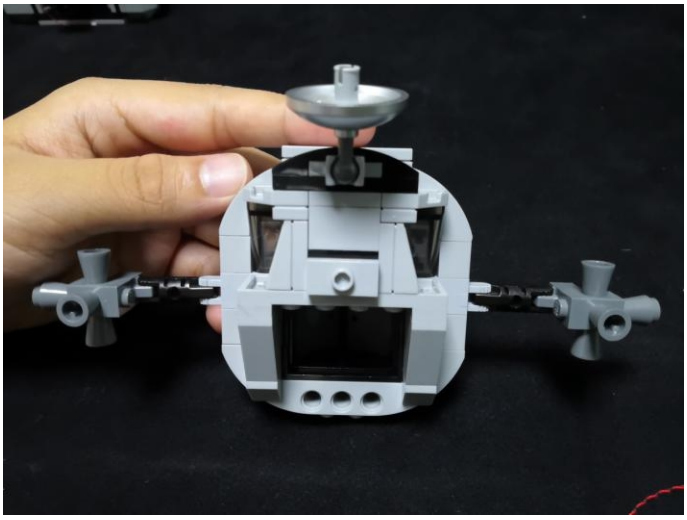
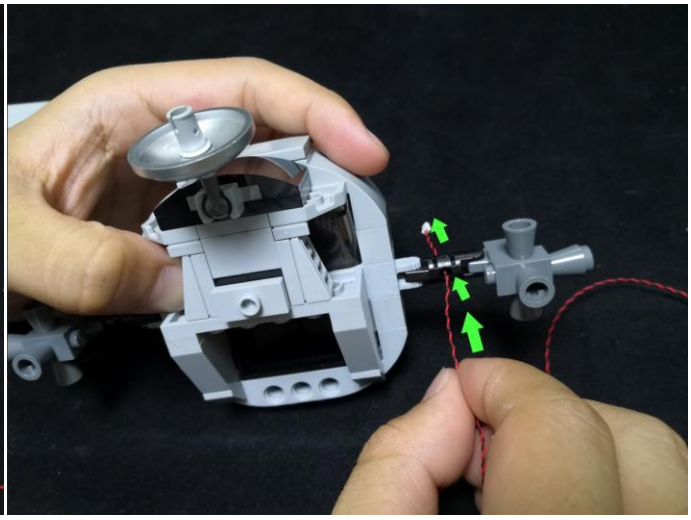

34. Thread the cable of the light though the trans orange 1x1 piece (thread it in right direction, and make sure the lighting part is facing the right direction).

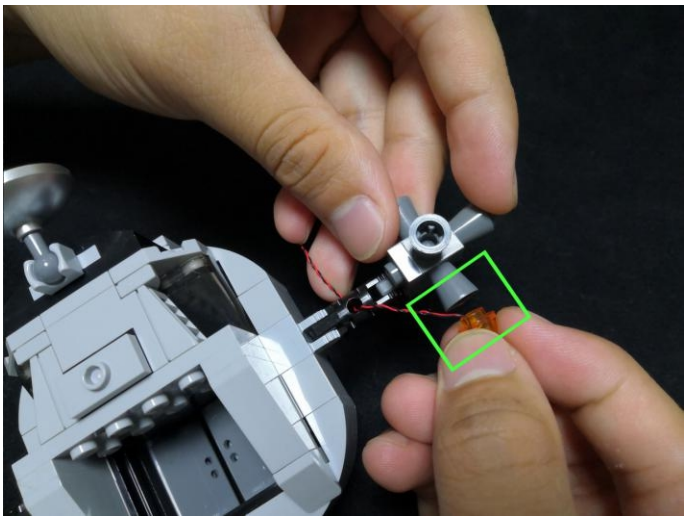
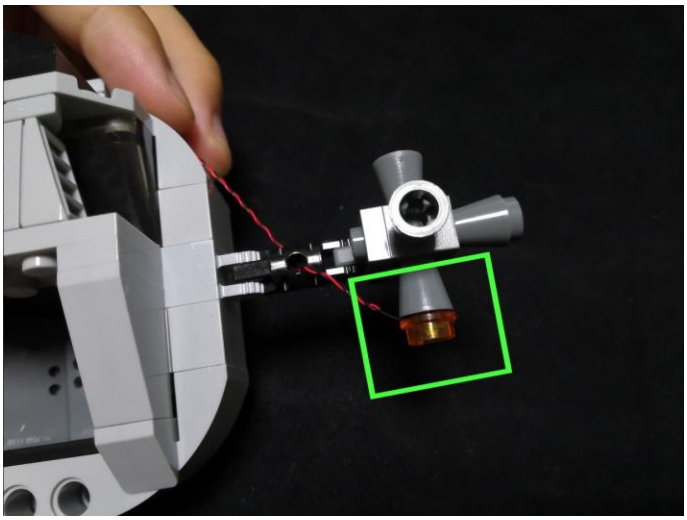
35. Connect the light as per below, install the other light in the same way.



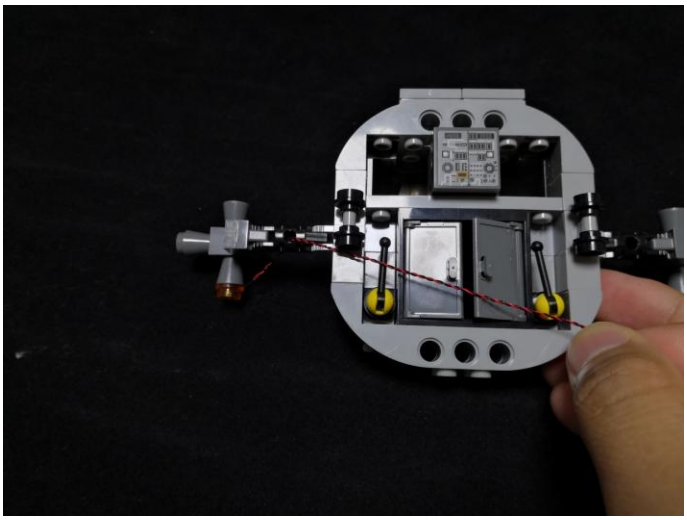
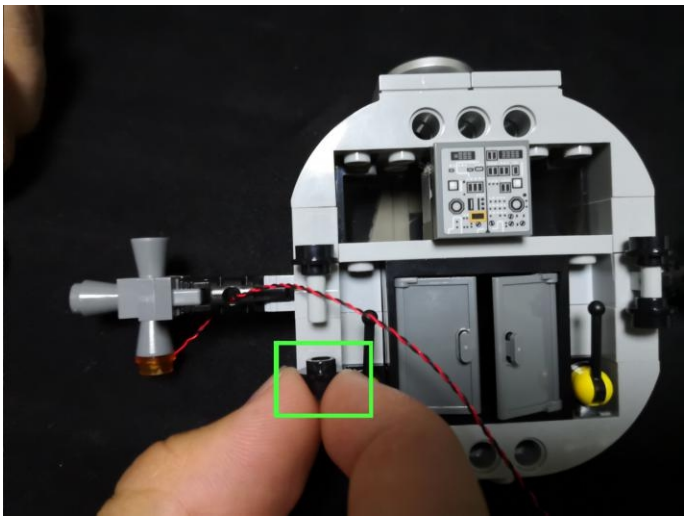

36. Take the following piece, thread the following cable through the black piece (please thread it in the right direction).

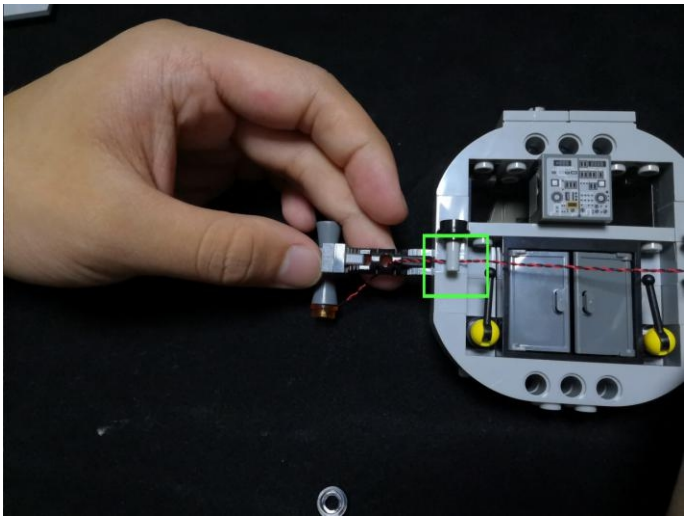
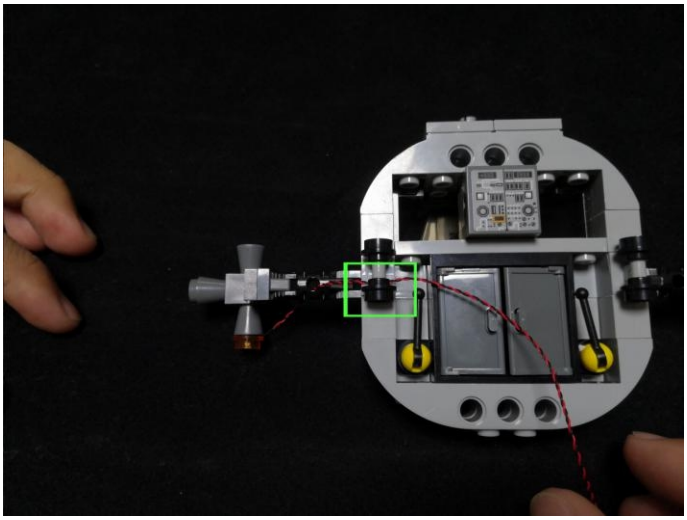
37. Pull the cable out, secure the light with the trans orange 1x1 round plate.

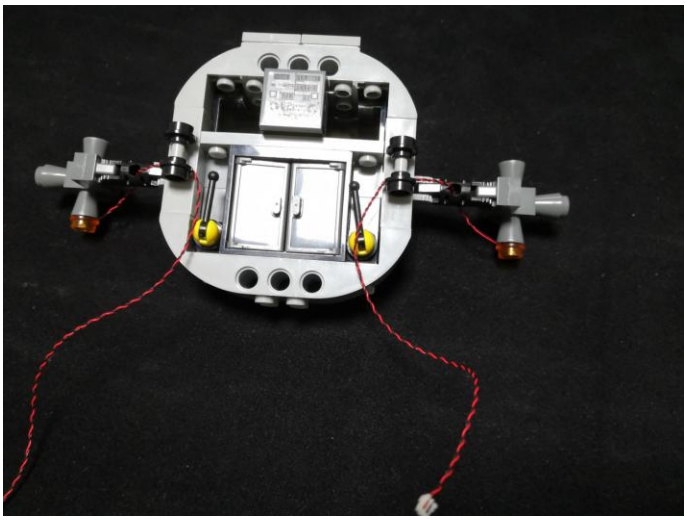
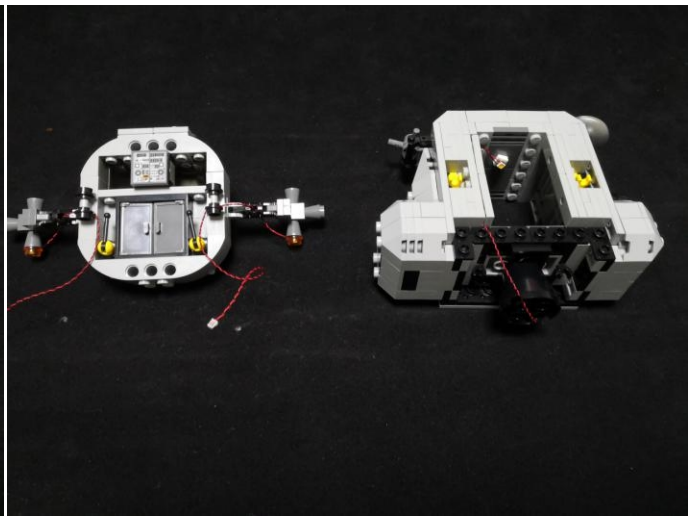
38. Turn to the back, disconnect the following 1x1 black piece.

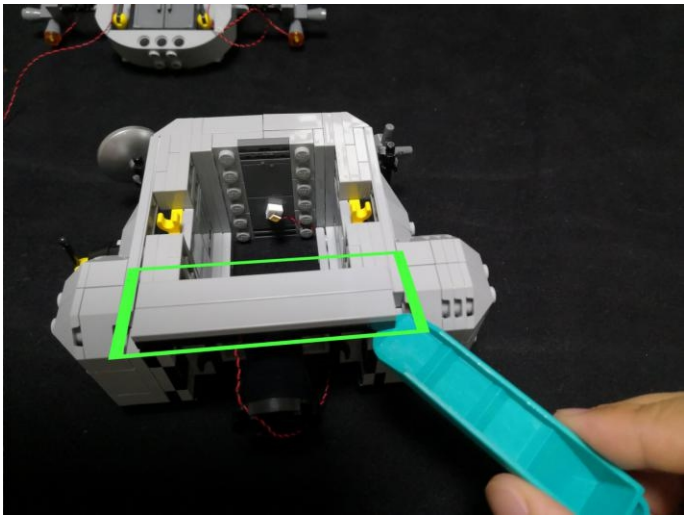
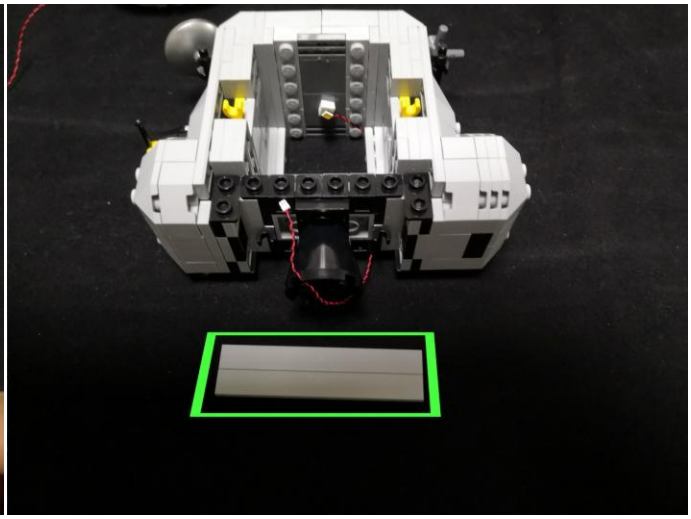
39. Place the cable underneath the following gray piece, reconnect the black 1x1 piece.

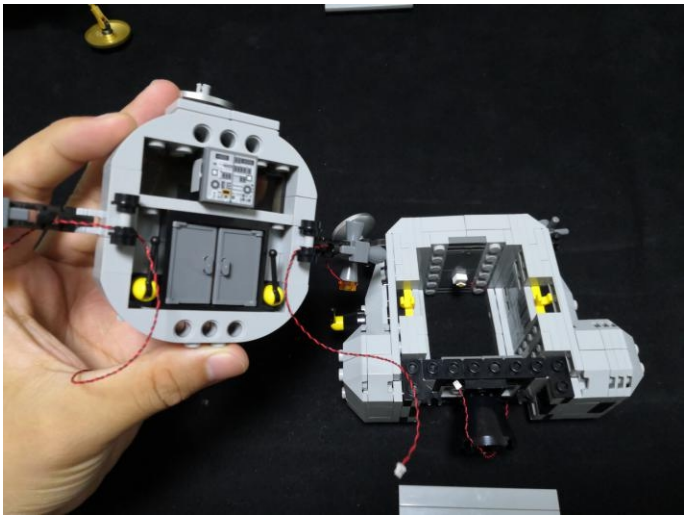
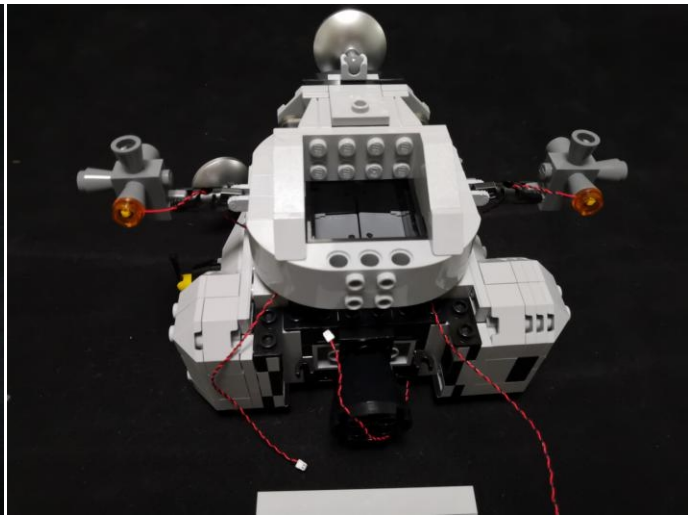
40. Install the light to the other side in the same way, take the middle part.

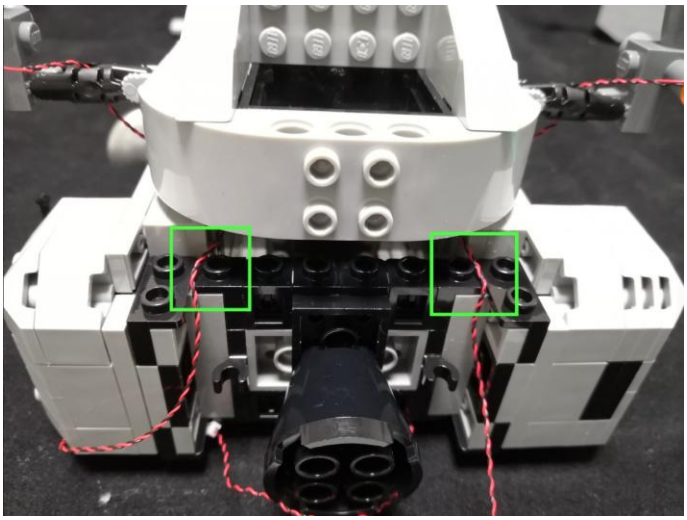
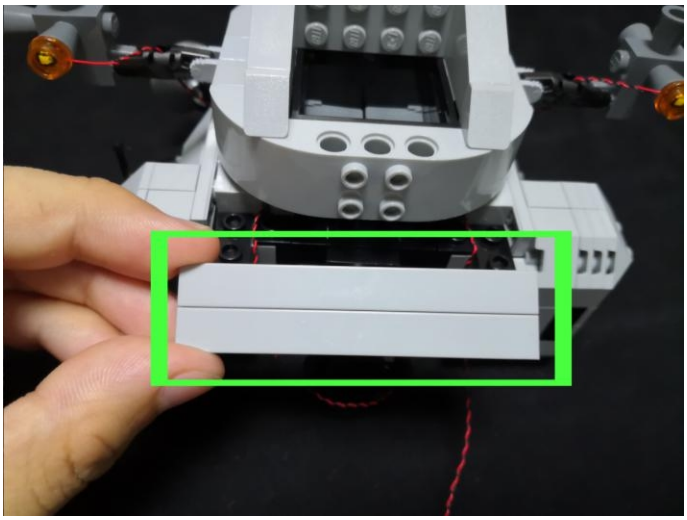
41. Disconnect the following piece (The middle part of the picture below is the opposite of the picture above).

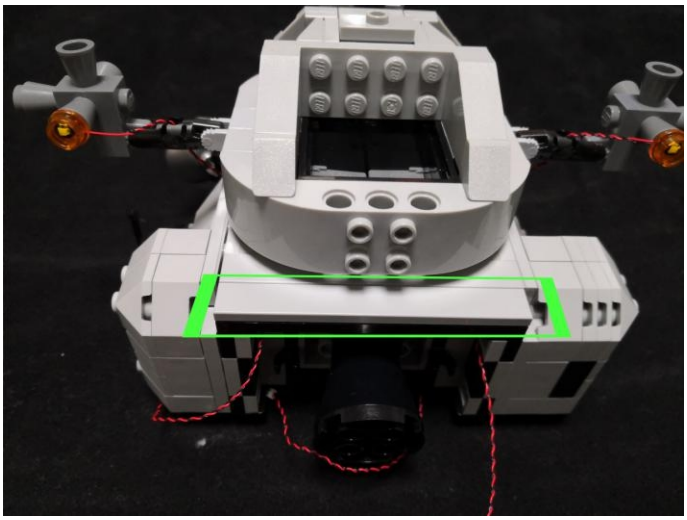
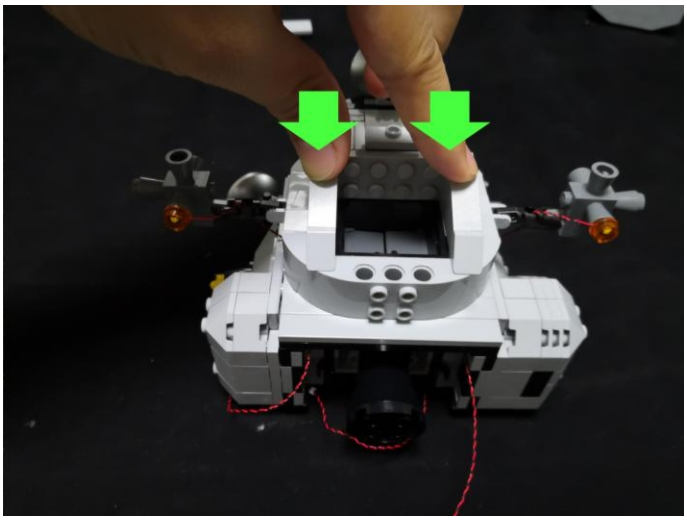
42. Take the previous part with lights installed, place it over the middle part (do not connect it).

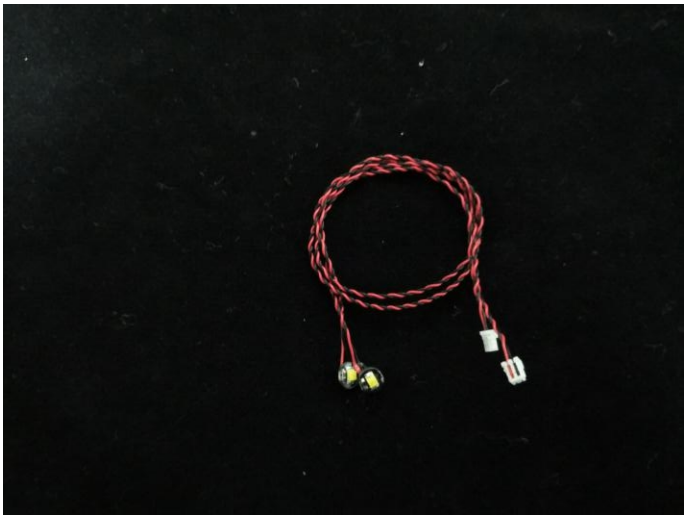
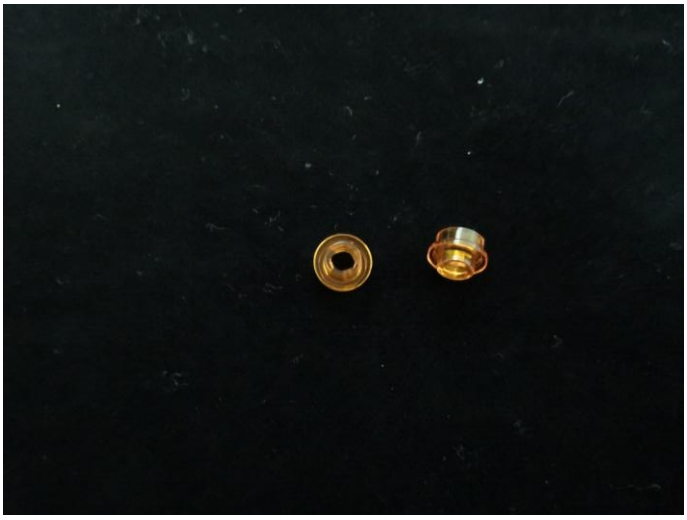
43. Tuck the cables as per below, reconnect the following gray piece we removed before.

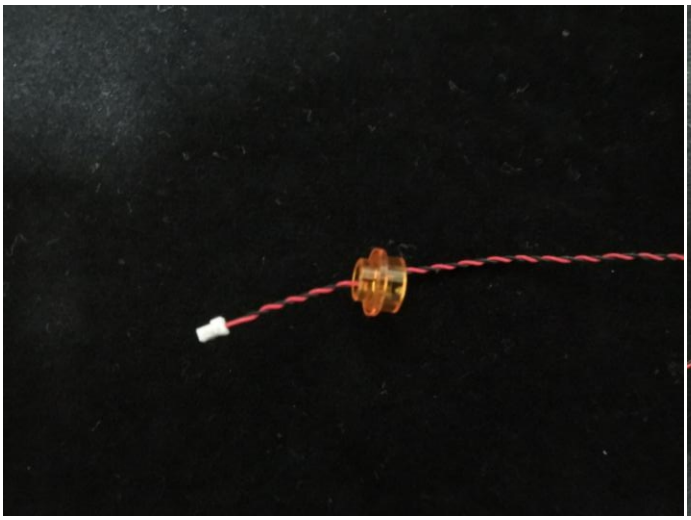
44. Reconnect the following part.

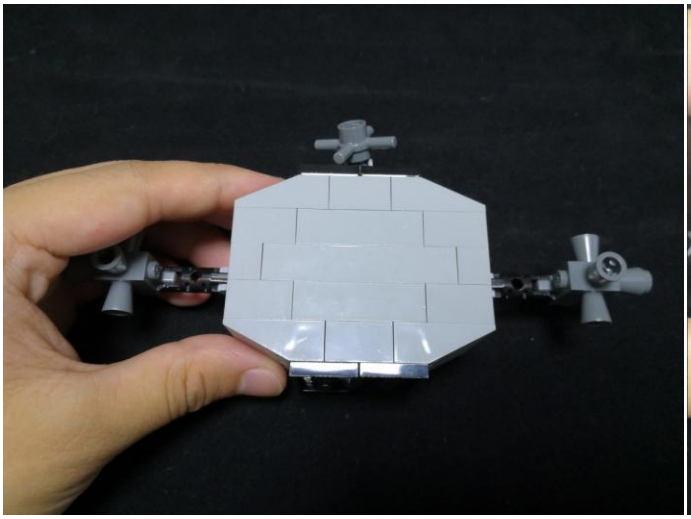
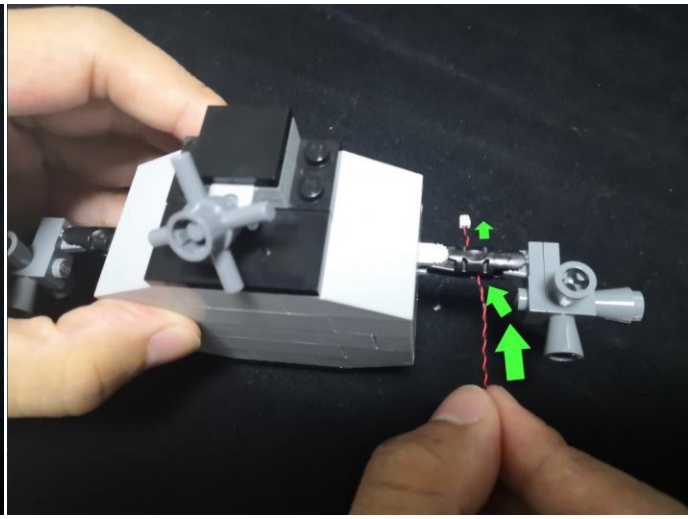
45. Move onto install lights at the other side, take 2 warm white 15cm dot lights, 2 trans orange 1x1 round plates.

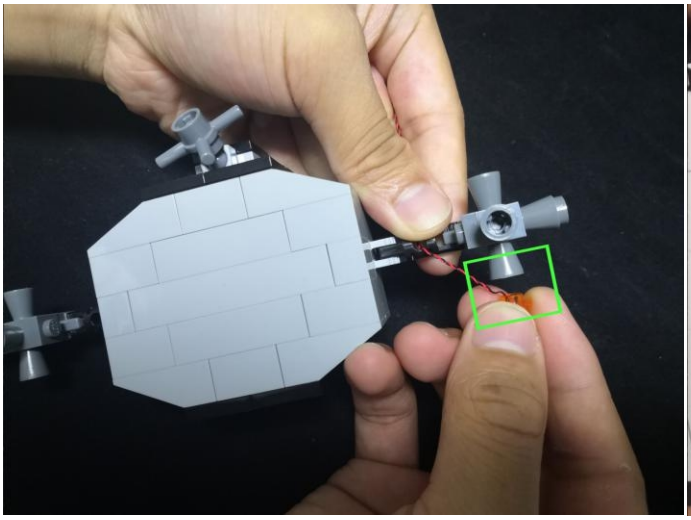
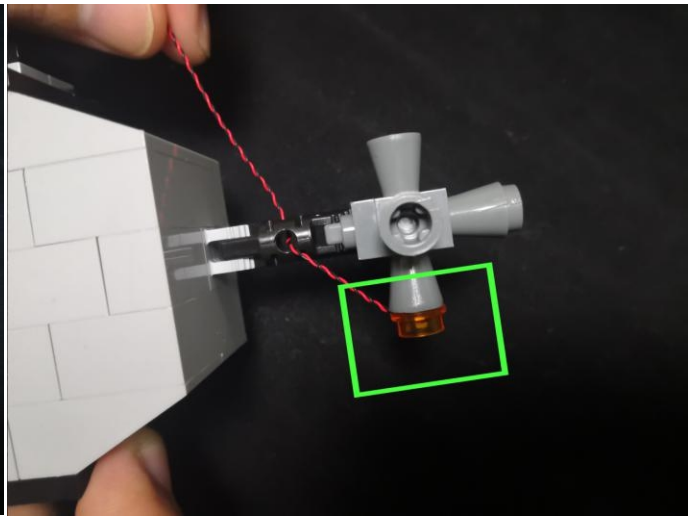
46. Install the 2 lights as we did before.



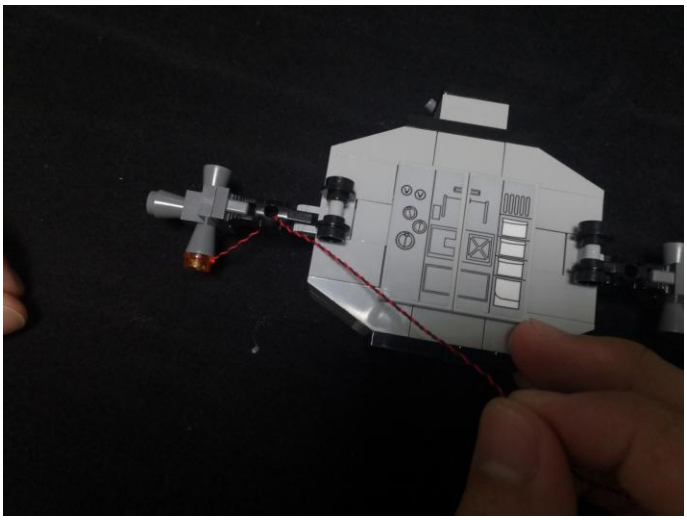
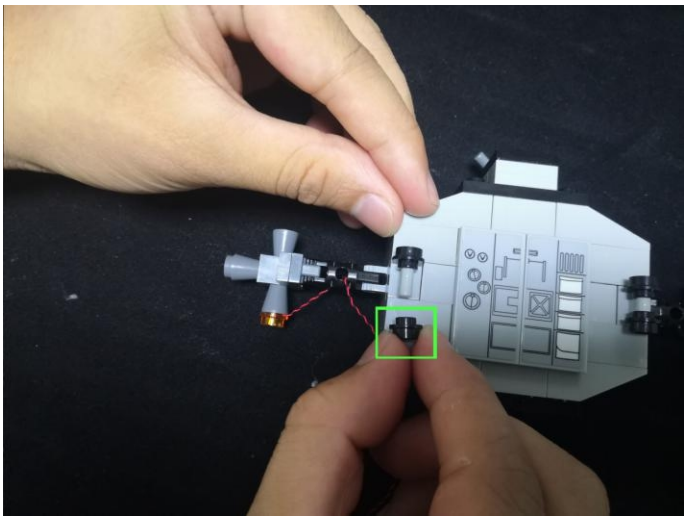

47. Take the following piece, thread the cable through the following black piece (please thread it in the right direction).

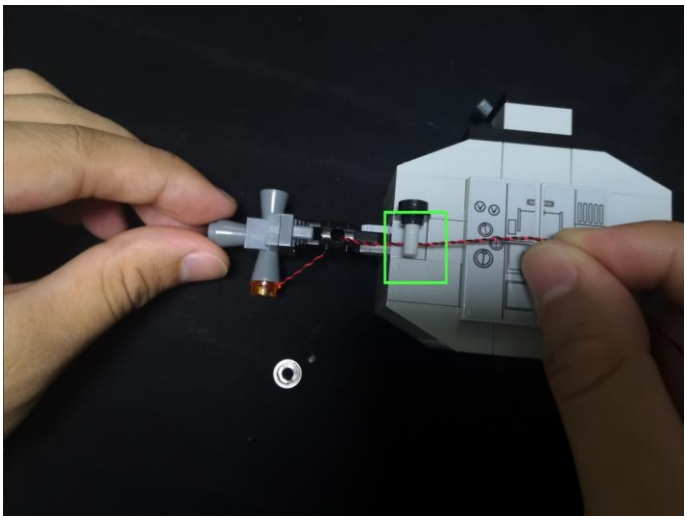
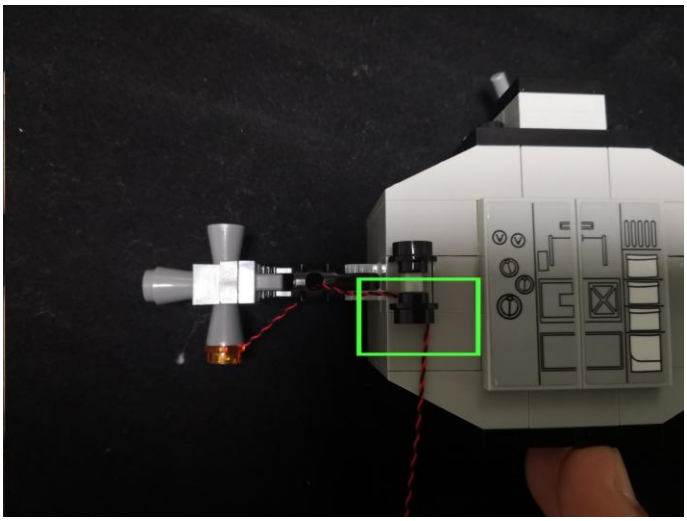
48. Secure the light with a trans orange 1x1 round plate.

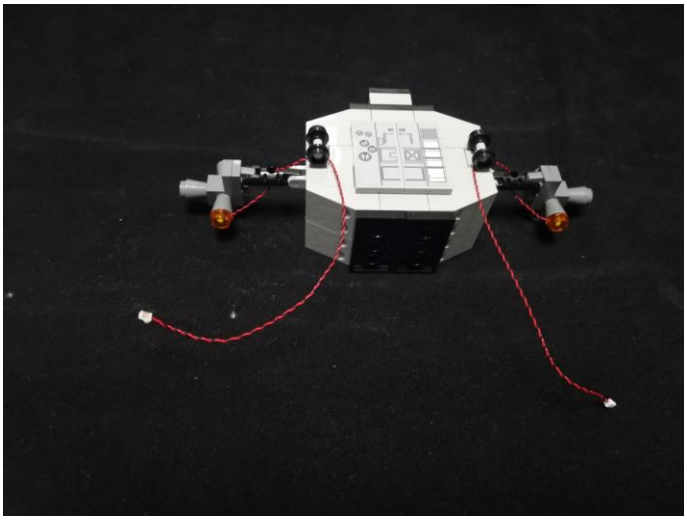
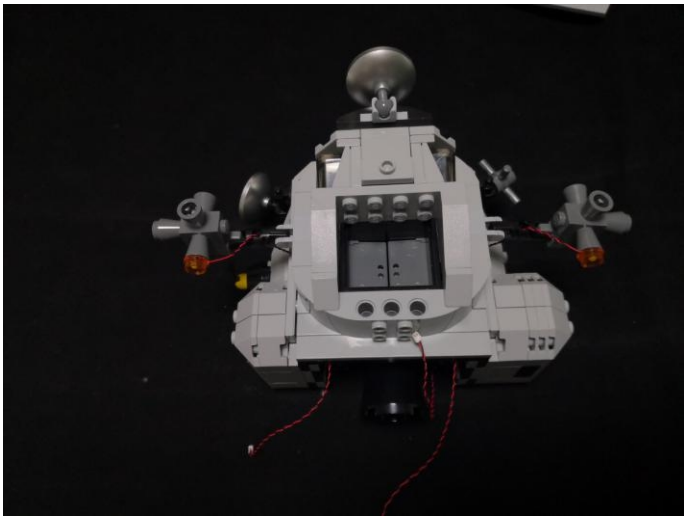
49. Turn to the back, disconnect the following 1x1 black piece.

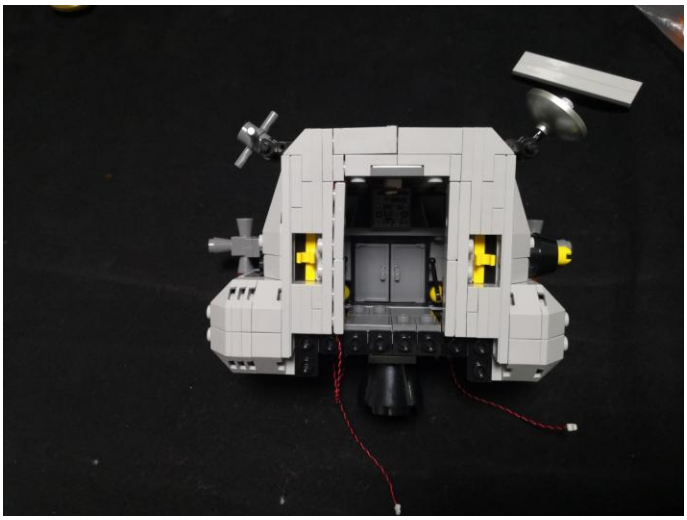
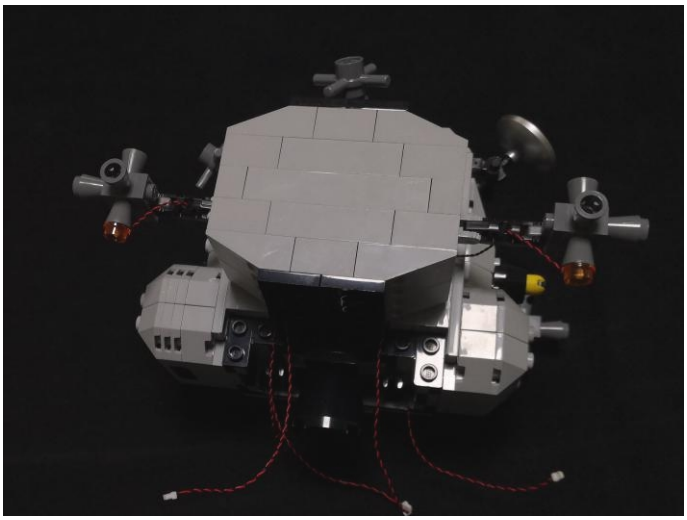
50. Press the cable underneath the following gray piece, reconnect the 1x1 black piece.

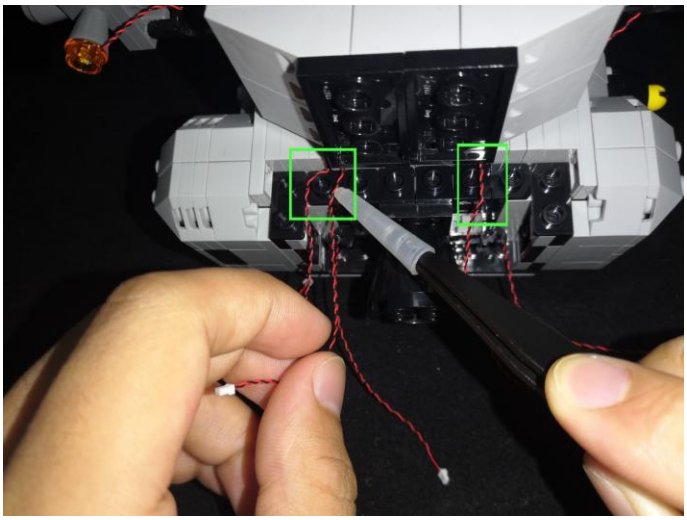
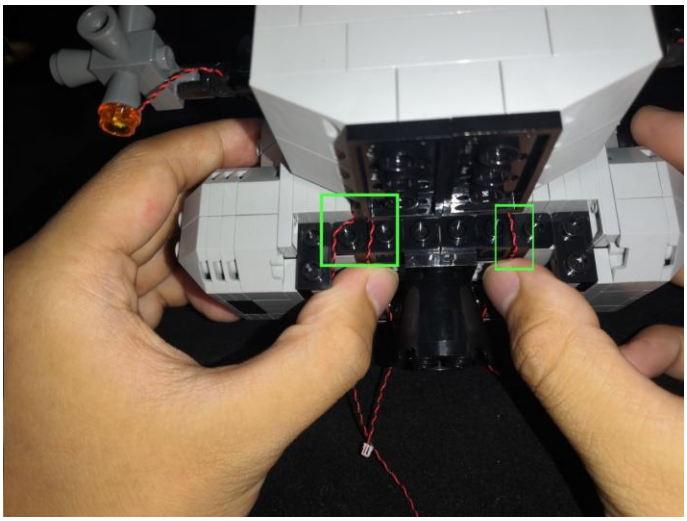
51. Connect the light at the other side in the same way, take the following piece.

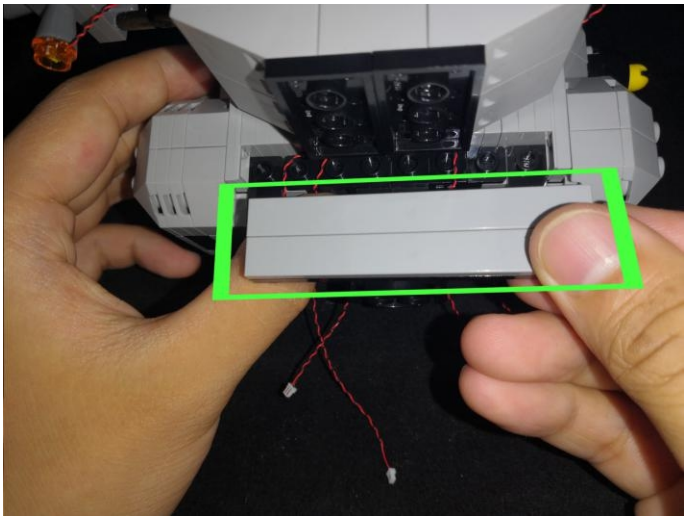
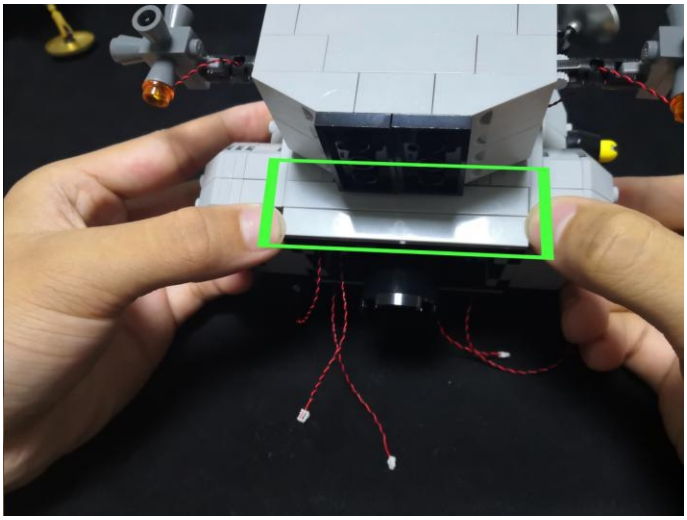
52. Turn this piece over, place the previous piece with lights installed over it (do not connect it).

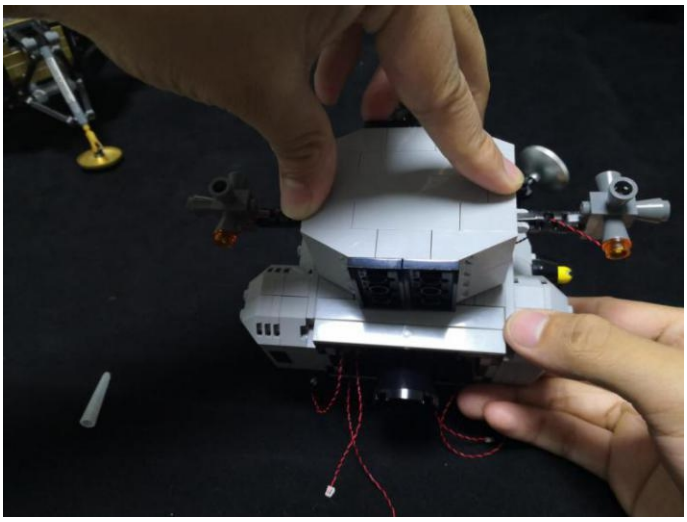
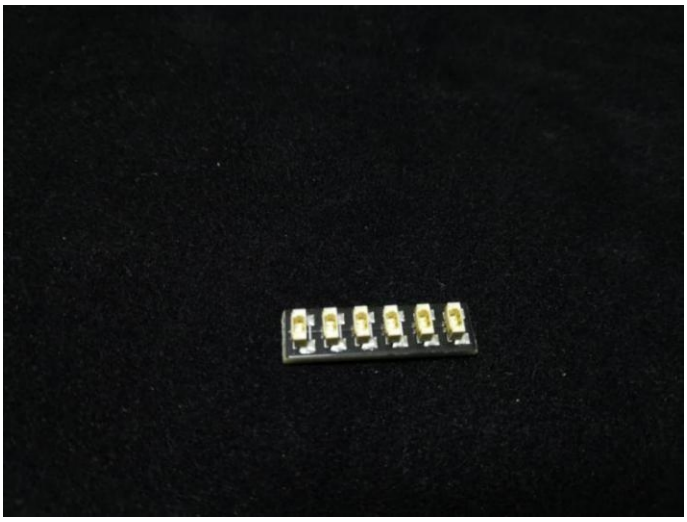
53. Tuck the cables as per below.

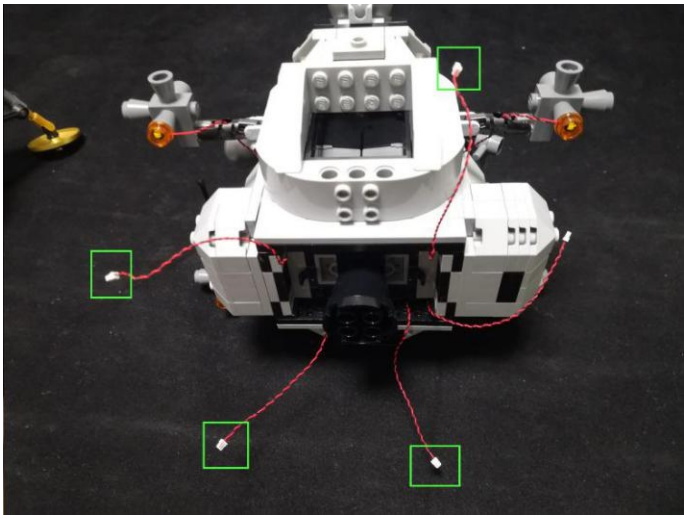
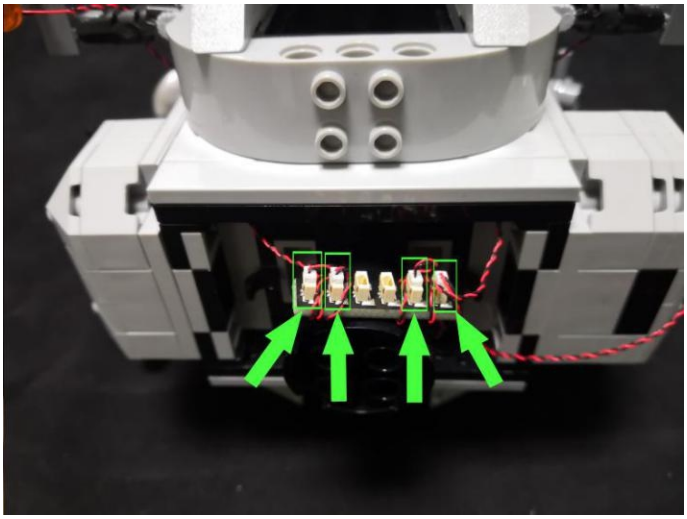
54. Reconnect the following gray piece we removed before.

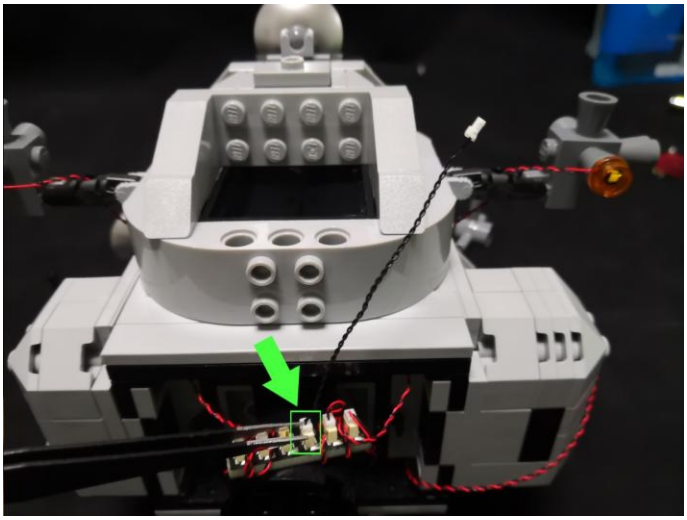
55. Connect the piece over it, take a 6-port expansion board.

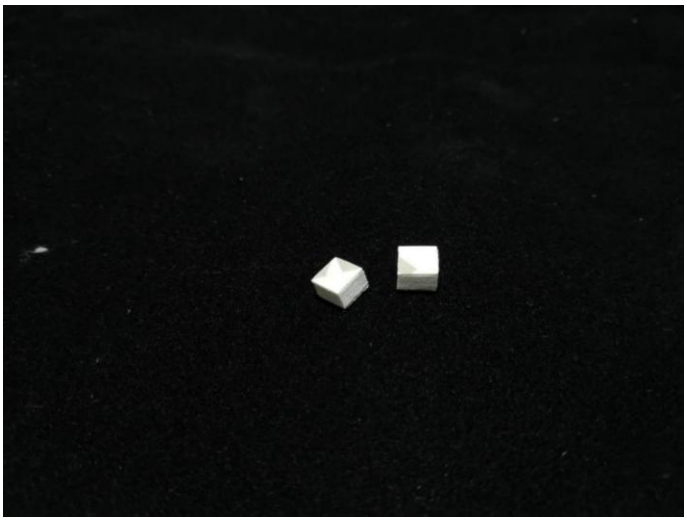
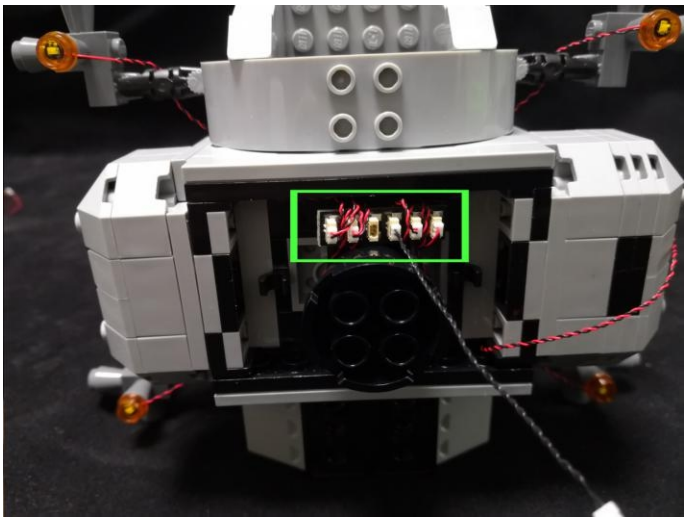
56. Connect the following cables marked in green (4 cables of the warm white dot lights) to the 6-port expansion board, (you can tuck excess cables around the expansion board).

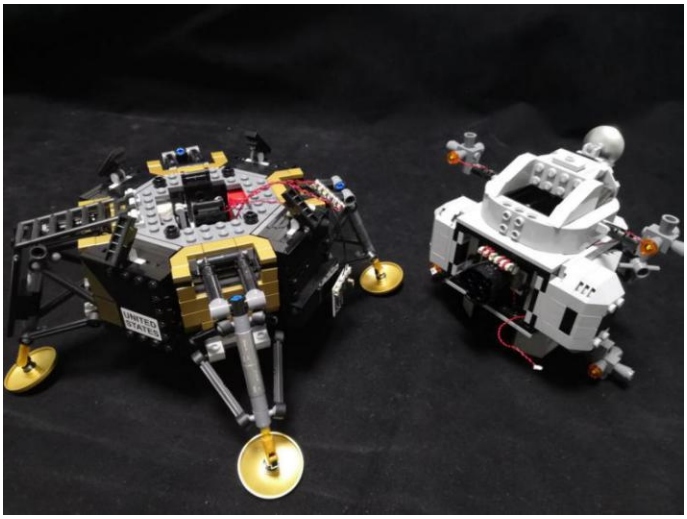
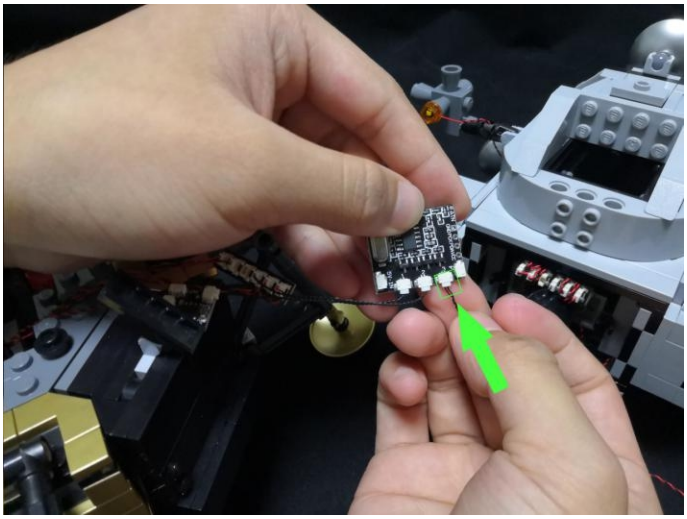
57. Take a 5cm connecting cable, connect it to the 6-port expansion board.

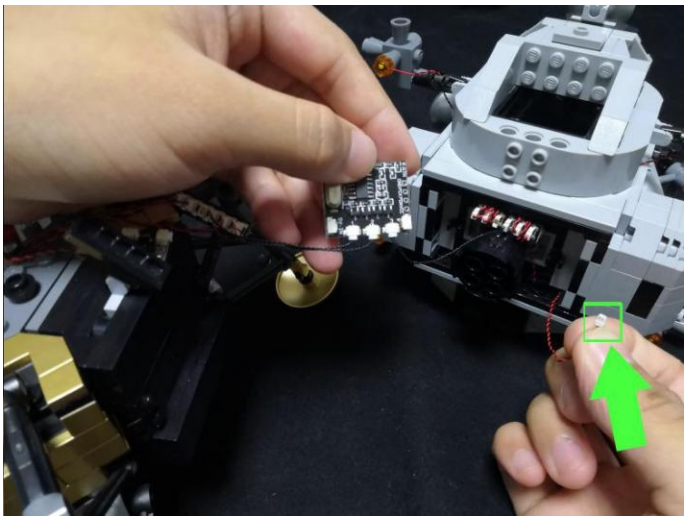
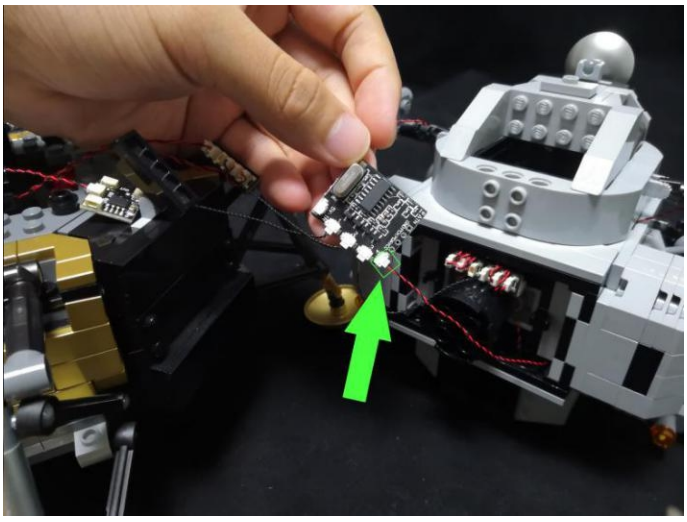
58. Take 2 adhesive squares, stick the 6-port expansion board to the following place with them.

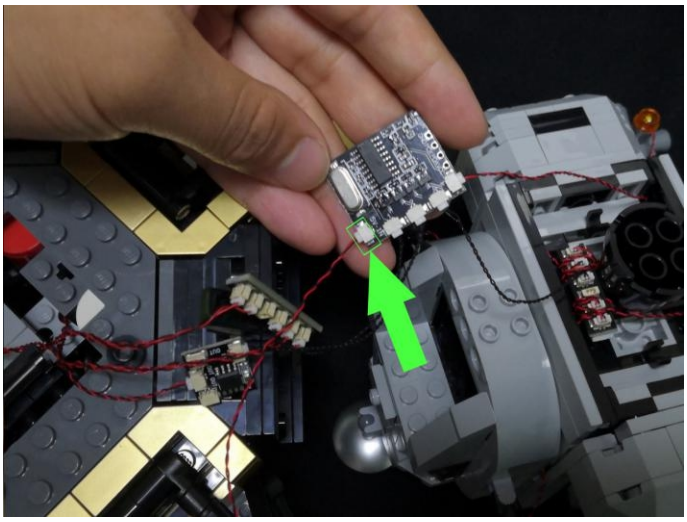
60. Take the descending part, connect the 5cm connecting cable from the ascending part to the ‘3’ port on the Remote Control Switch Board.

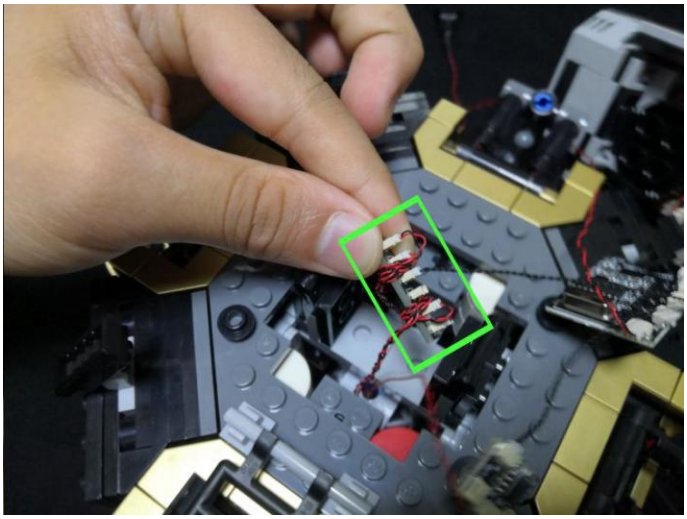
61. Connect the 15cm head light cable from the ascending part to the ‘4’ port on the Remote Control Switch Board.

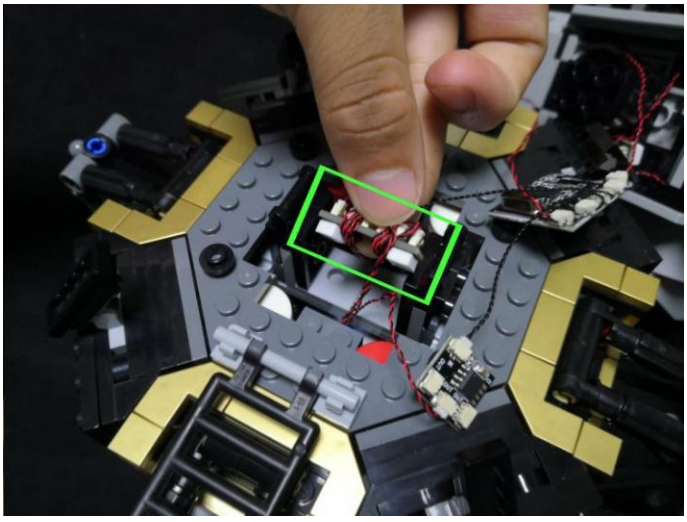
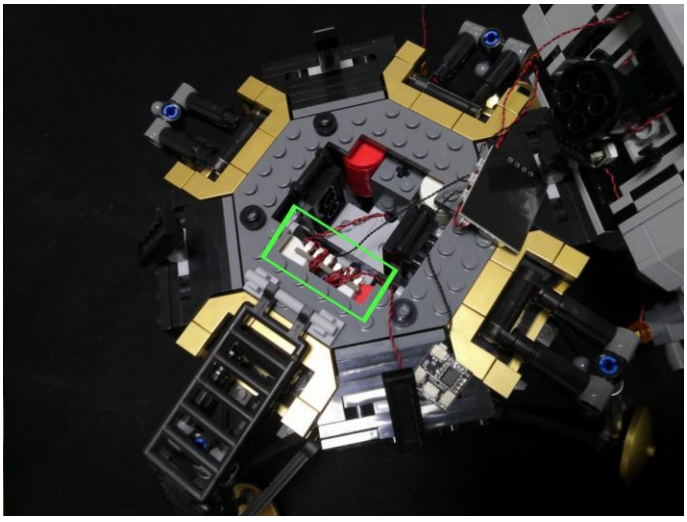
62. Take a USB cable, connect it to the input port on the Remote Control Switch Board.

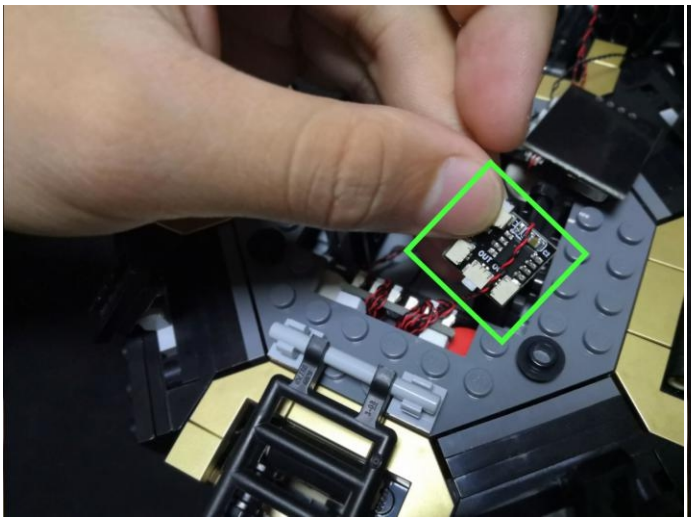
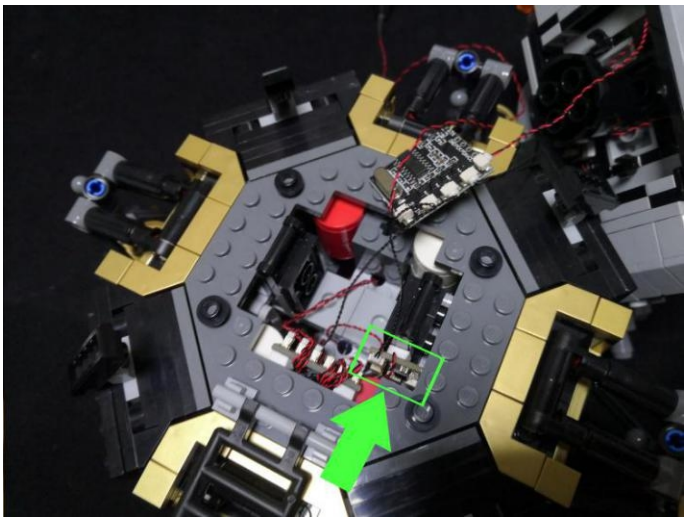
63. Take 4 adhesive squares, tuck excess cables on the 6-port expansion board from the descending part as per below.

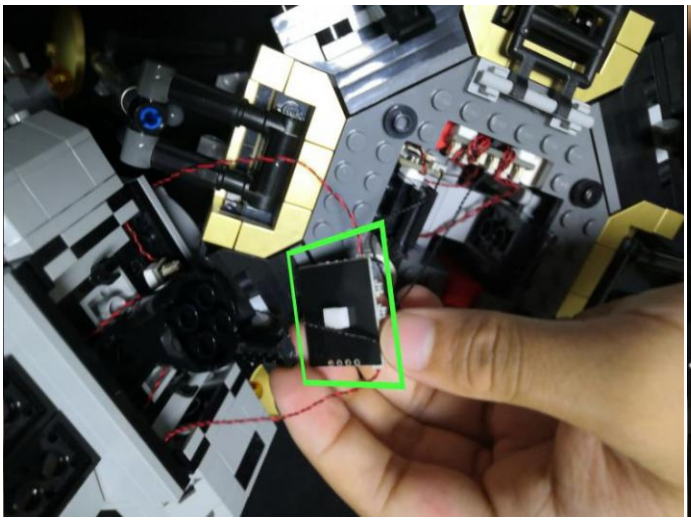
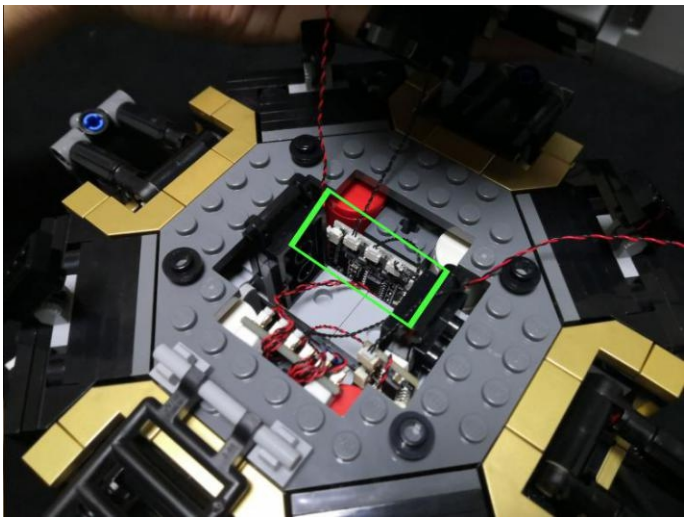
64. Stick the expansion board to the following place with 2 adhesive squares.

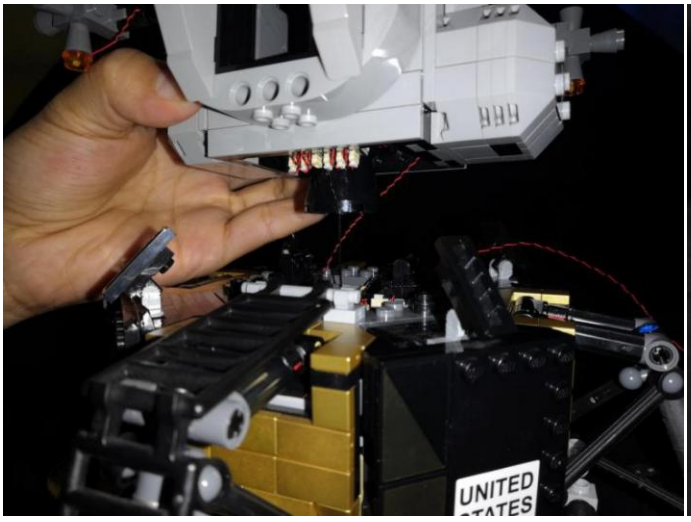
65. Tuck excess cable on the Flicker Effects Board as per below, stick it to the following place with an adhesive square. s

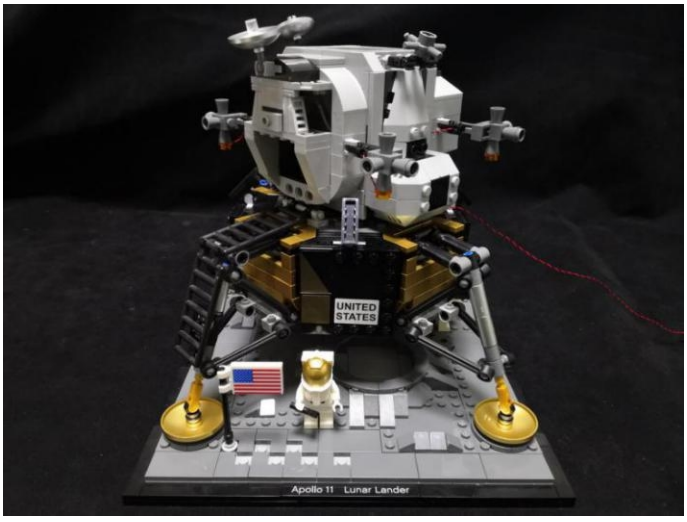



66. Stick the Remote Control Switch Board to the following place with an adhesive square.

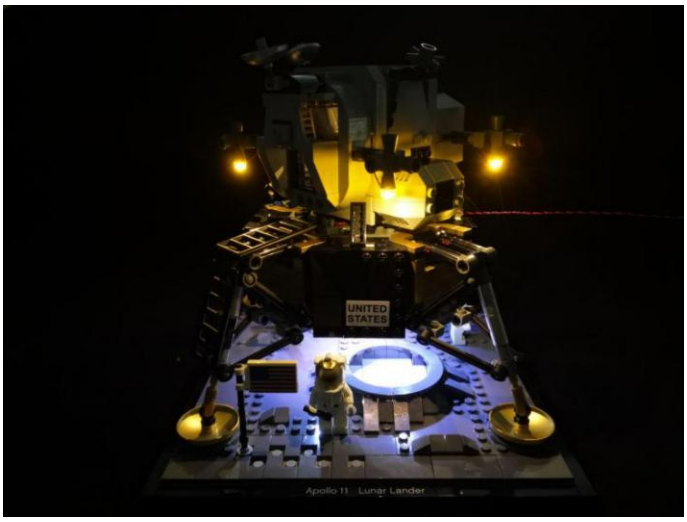



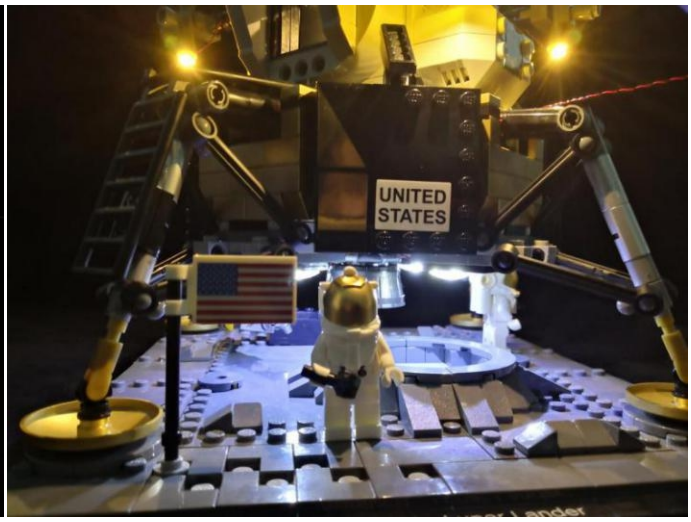
67. Reconnect the 2 parts, reconnect the base. This completes installation of this LED Lighting Kit. ENJOY!





68. Product display.





The above are ideas and instructions provided by our designers. Please move on:
1: Do you have any suggestions about the material and quality of our products?
2: Do you have any suggestions on the installation instructions and the degree of difficulty of the installation?
3: If you have better installation method and ideas, please contact us in time.