

# NASA Apollo 11 Lunar Lander # 10266 Lighting Kit

## Package contents:

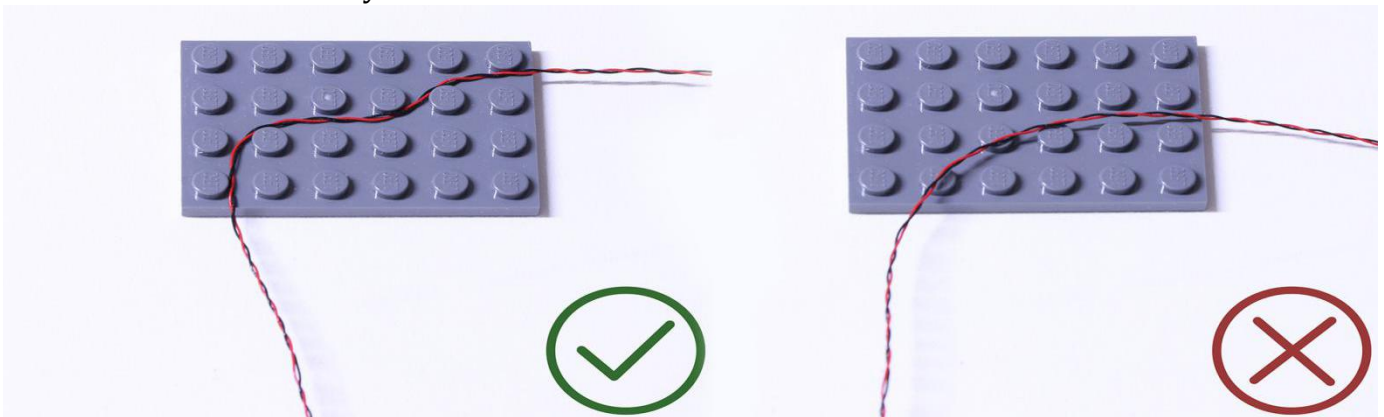
- 1 x 15cm Warm White Dot Light
- 4 x 15cm White Dot Lights
- 1 x 15cm Warm White Light
- 1 x 15cm Flashing Blue Dot Light
- 1 x 30cm Flashing Blue Dot Light
- 1 x Warm White Strip Light
- 1 x 5cm Connecting Cable
- 2 x 15cm Connecting Cables
- 2 x 6-port Expansion Boards
- 1 x Flicker Effects Board
- 1 x Round Coin Cell Battery Pack

Extra LEGO pieces

## Note:

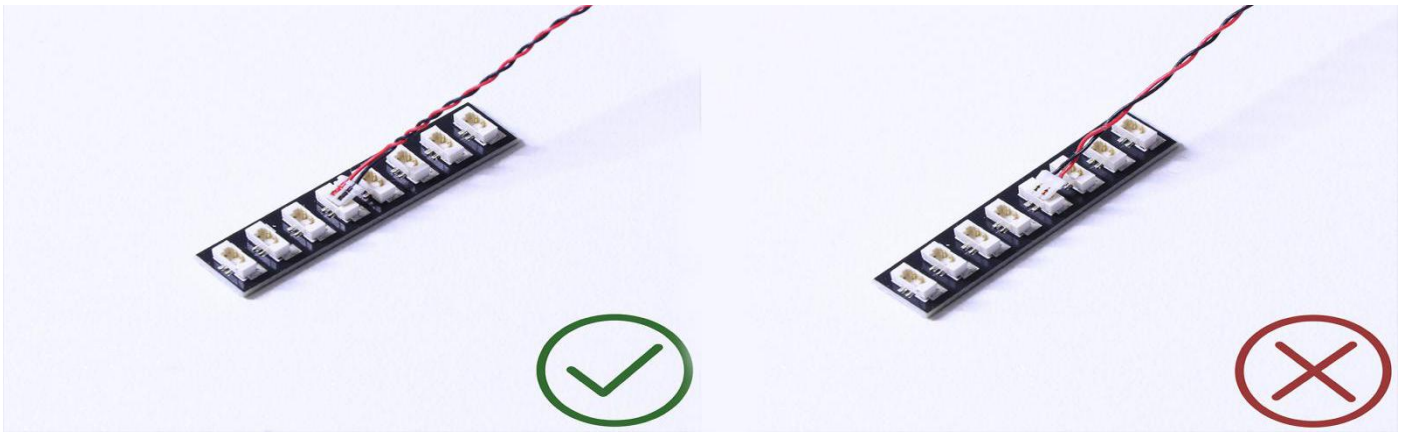
Place wires on the surface or under the LEGO building blocks.

The wire can be placed between the building blocks or under the block, but they should be placed between the studs correctly.

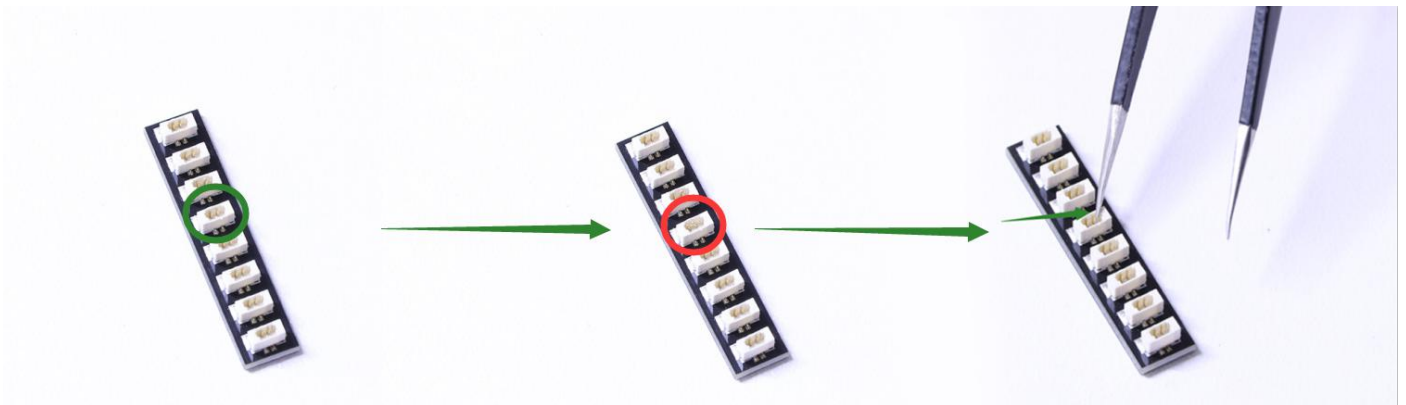


Insert the connectors to the ports.

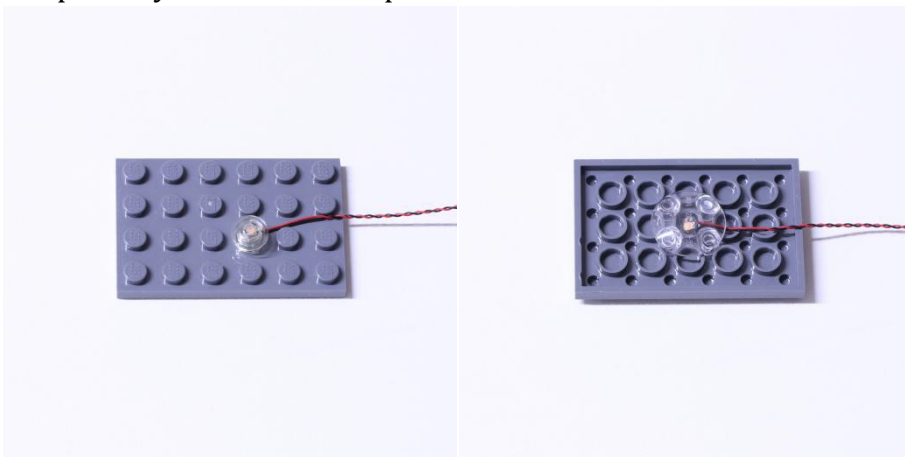
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop, 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.

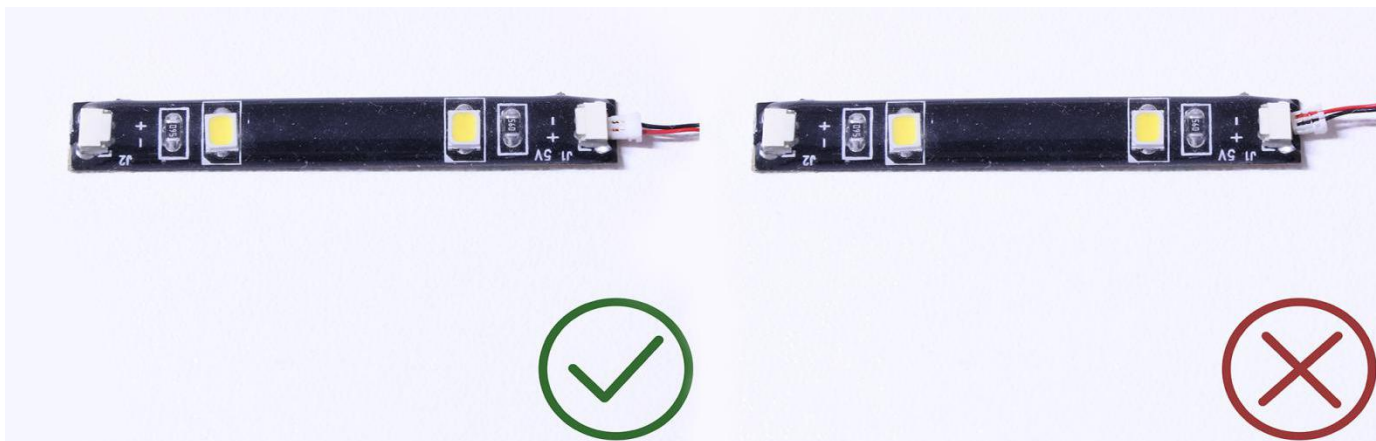


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

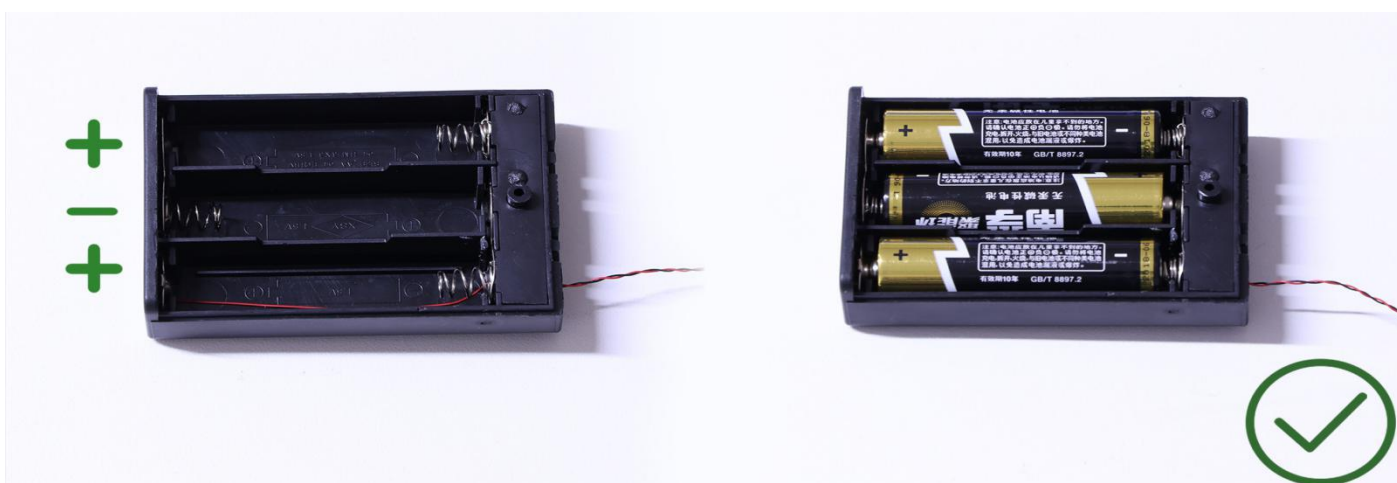


## Connecting cable connectors to Strip Lights

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.

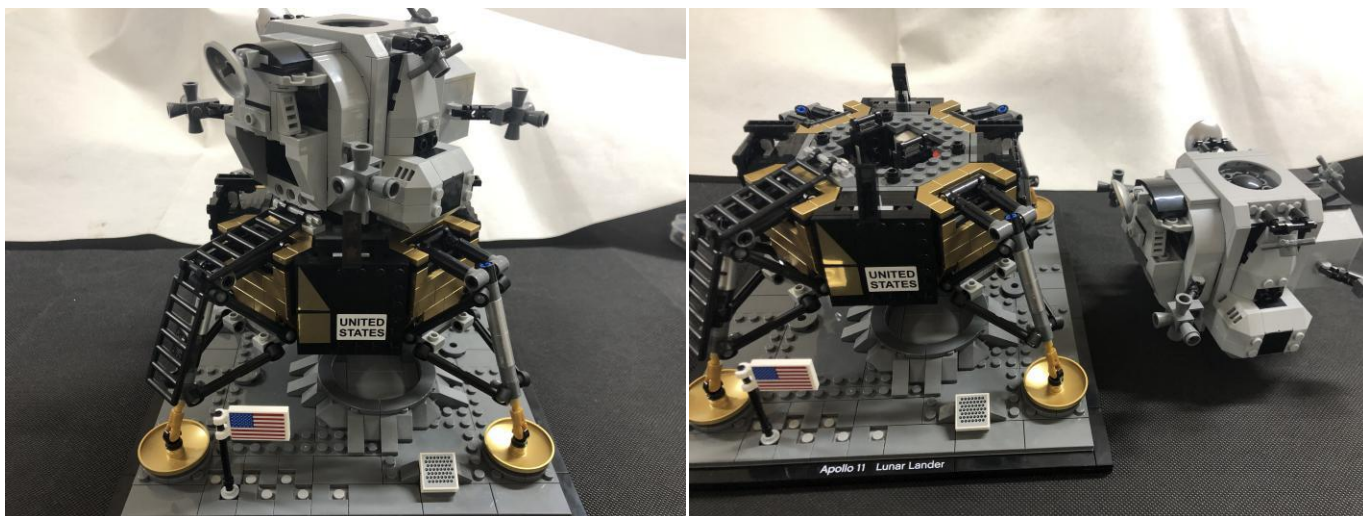




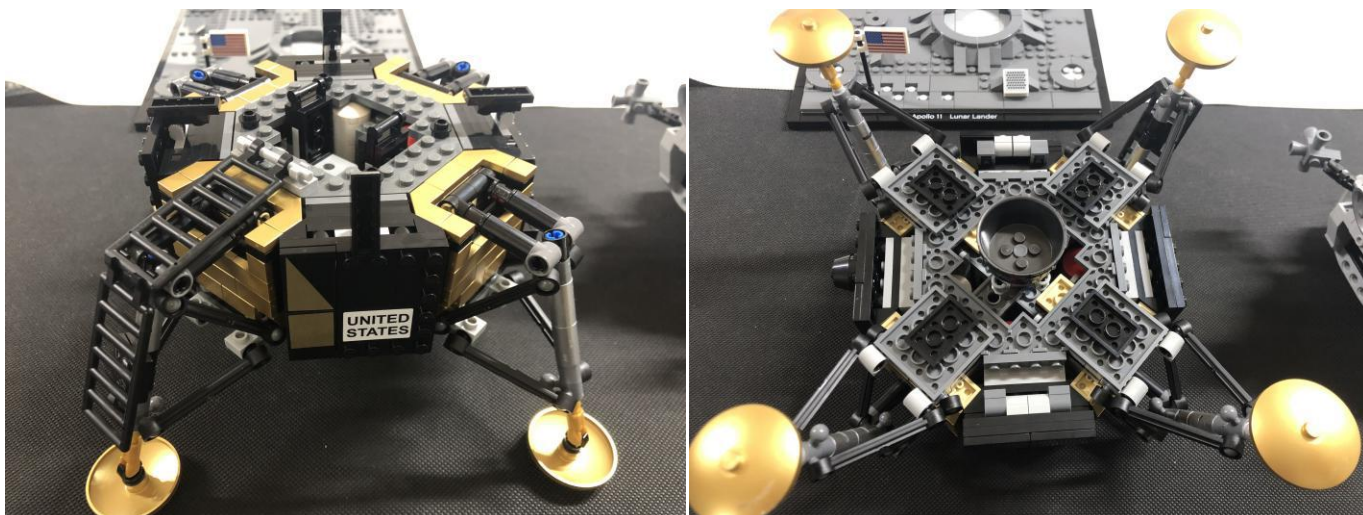
Instructions for installing this kit:

OK, Let' s Begin!

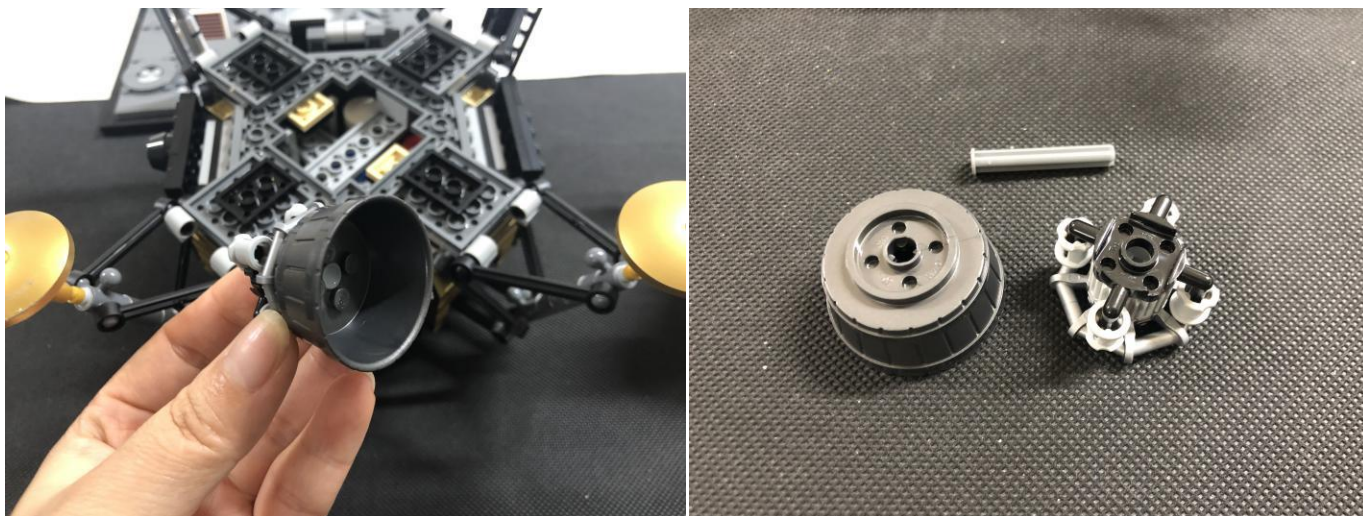
Start from disconnect the upper section



Remove the base, turn the lower section over

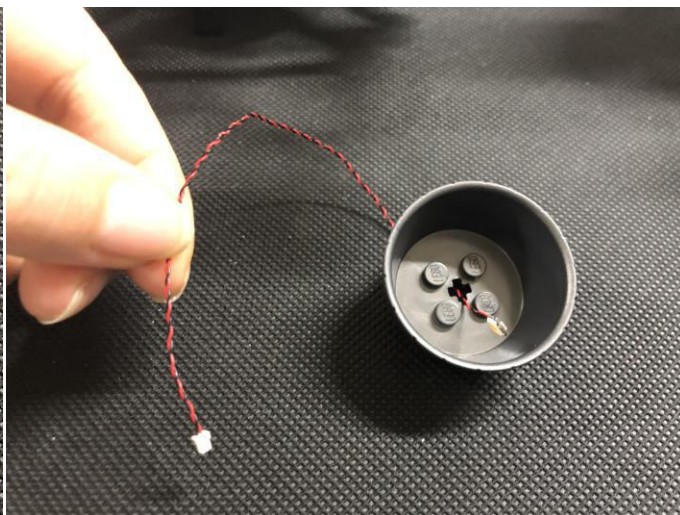
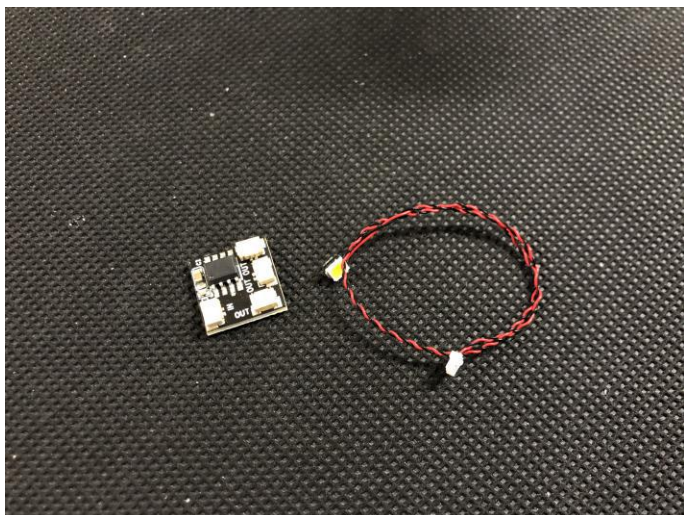


Remove the following pieces

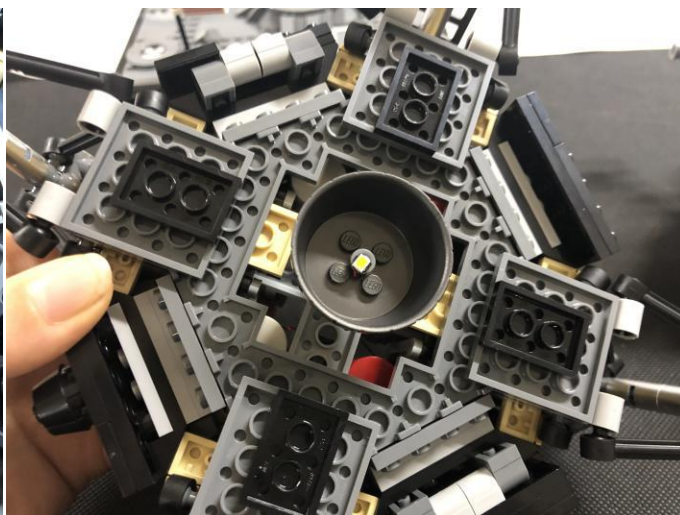
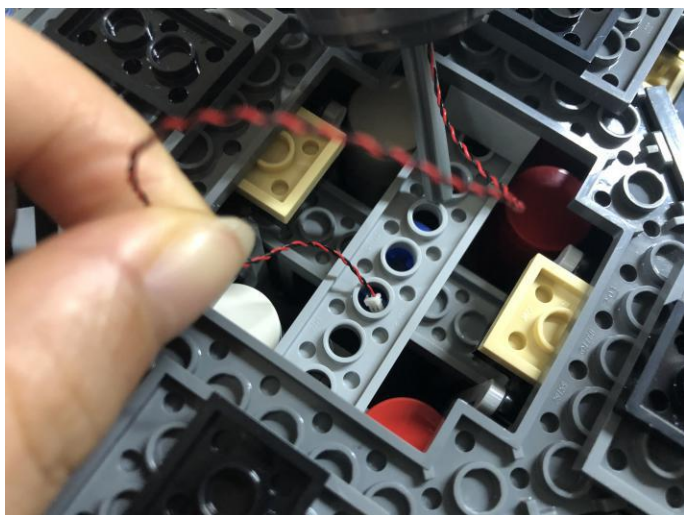


Take the Flicker Effects Board, a warm white 15cm light. Thread the connector through the cross hole, pull the cable out till the light is placed against the hole, reconnect the pieces we removed before



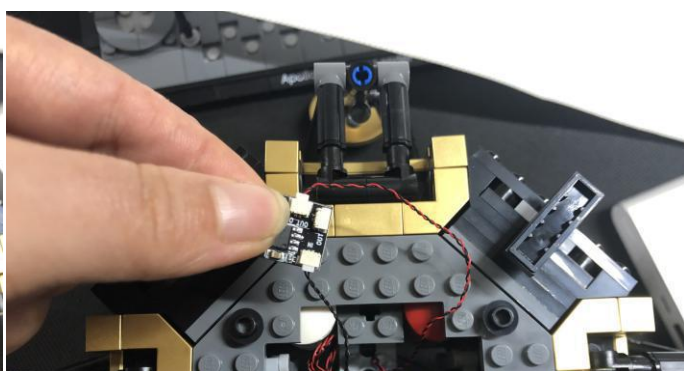
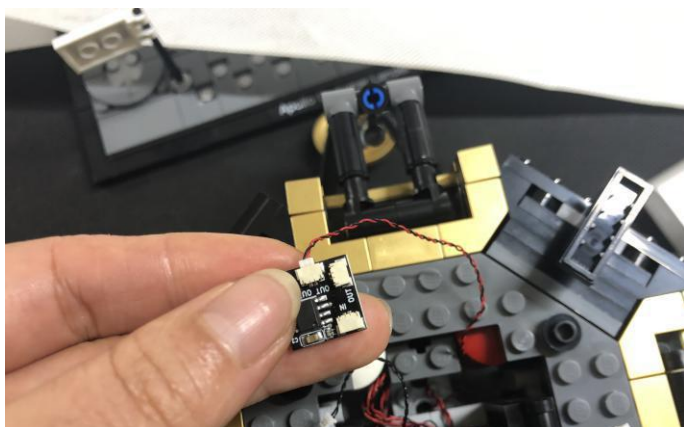
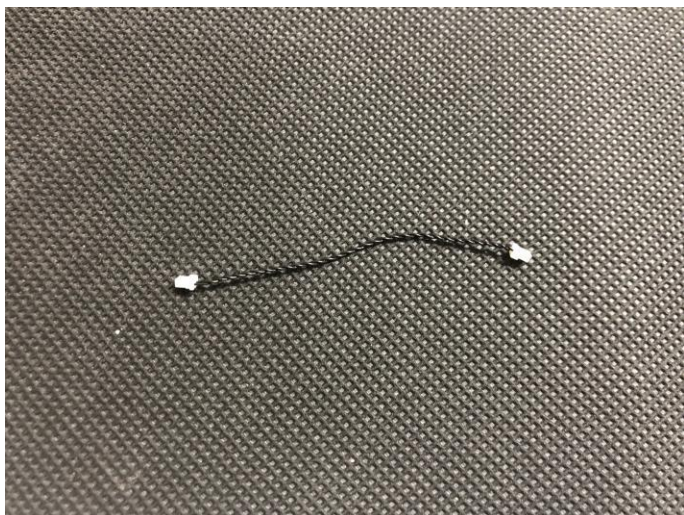


Continue to thread the connector through the following hole, reconnect the piece as per below

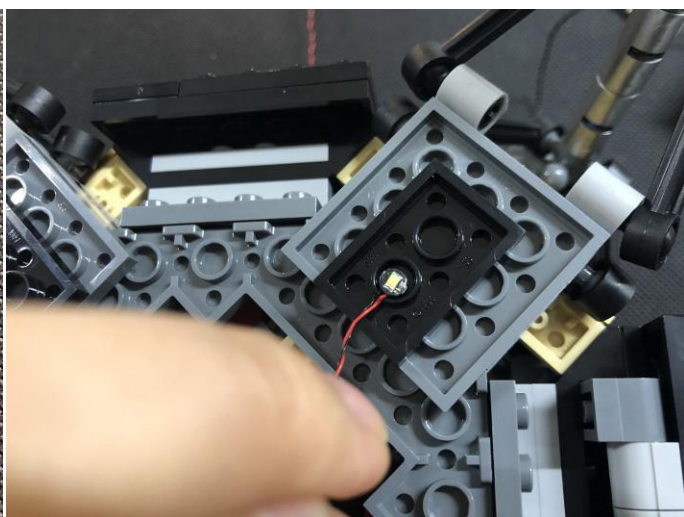


Take a 5cm connecting cable. Turn the lower section back, connect the connector of the light to the Flicker Effects Board, connect the 5cm connecting cable to the following port

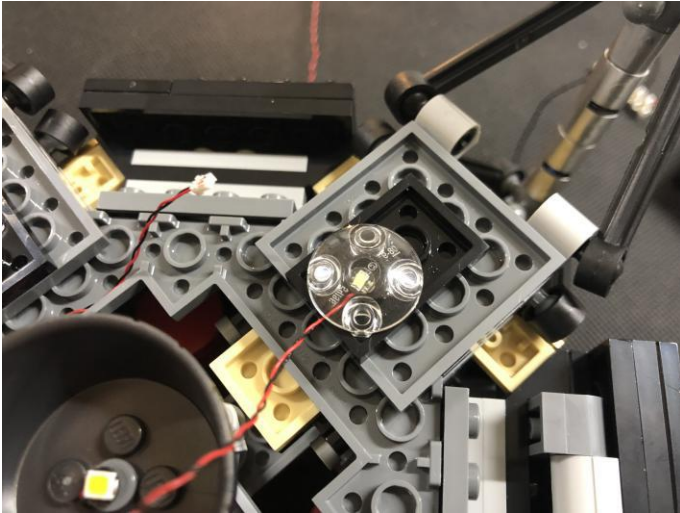




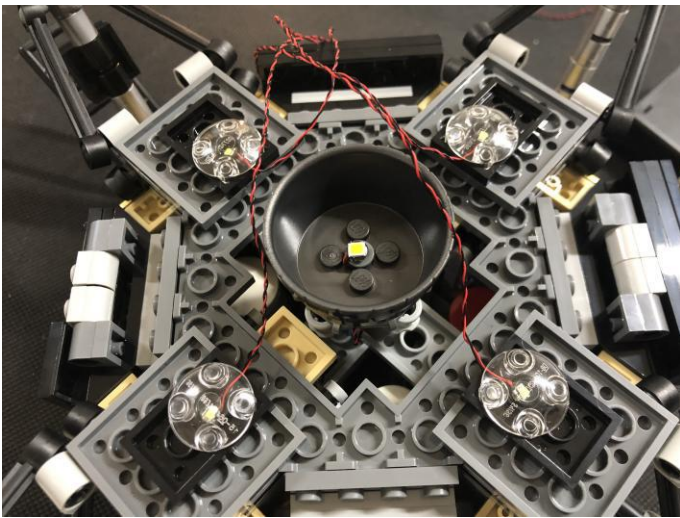
Take a white 15cm light, a 2x2 trans white piece, secure the light to the 2x3 black plate with the trans piece as per below



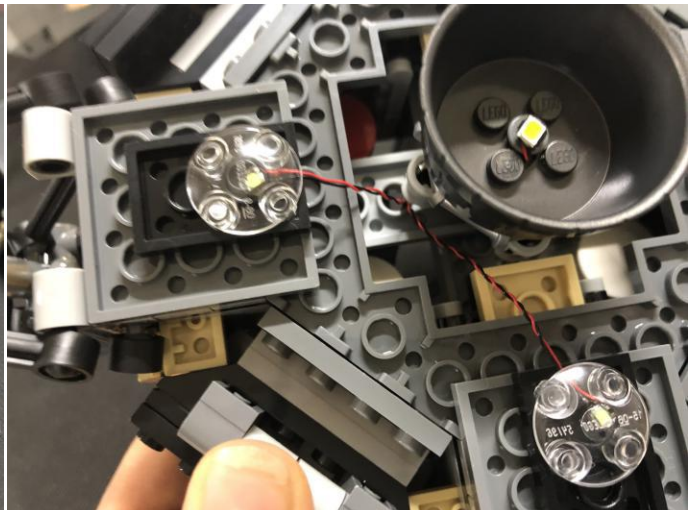
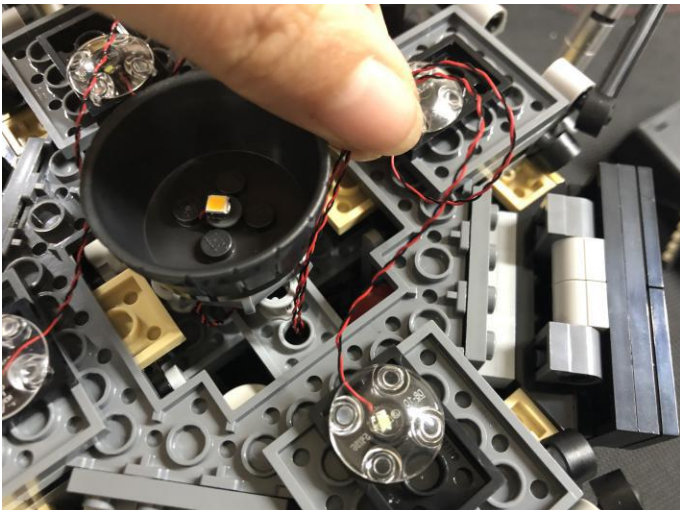




Take 3 white 15cm lights, 3 trans white 2x2 pieces, repeat the steps above to install the 3 lights.

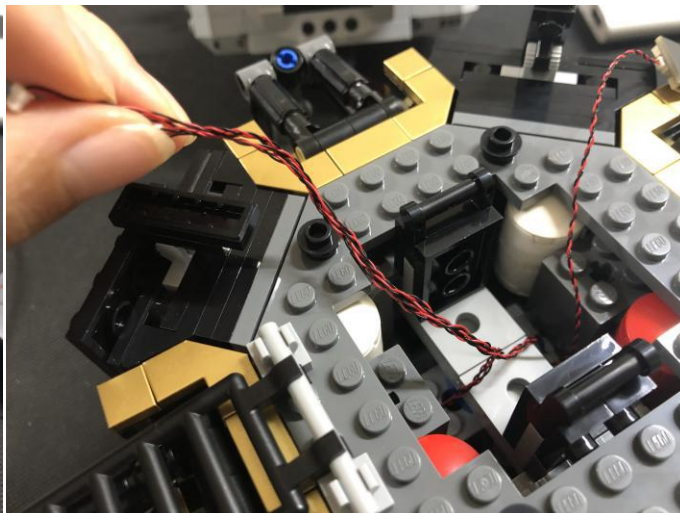
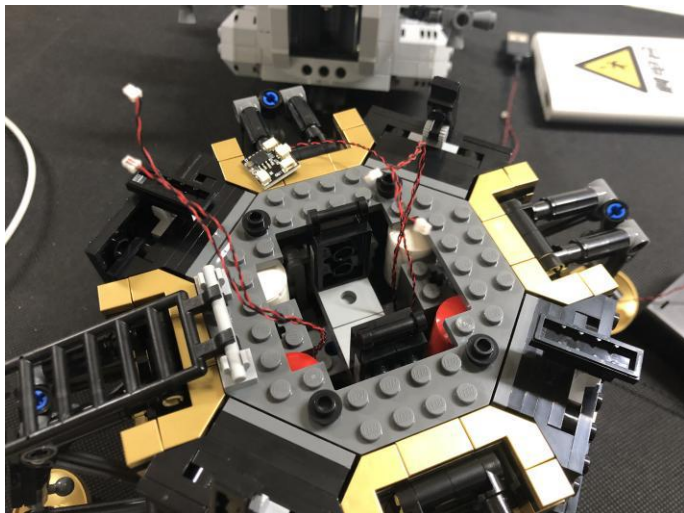


Thread the cables through the following holes as per below

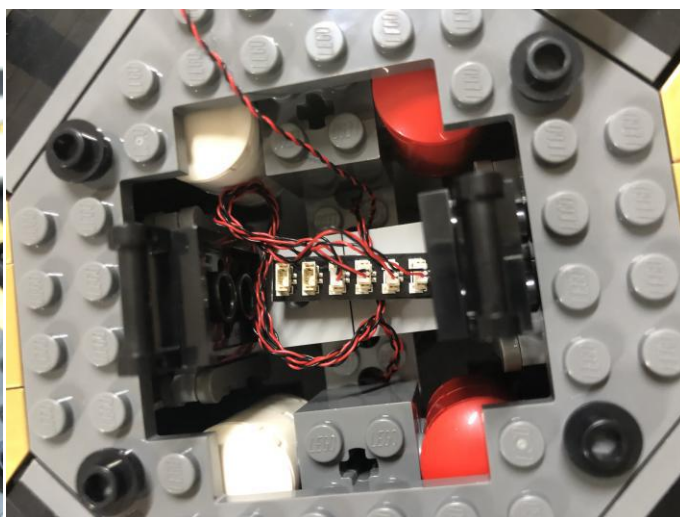
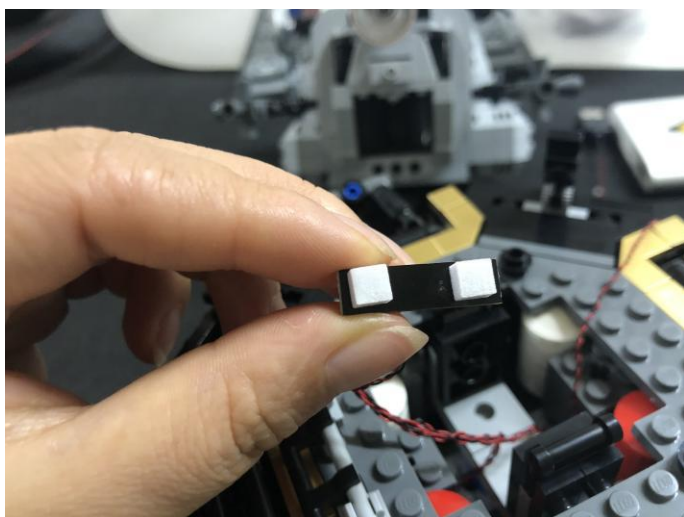
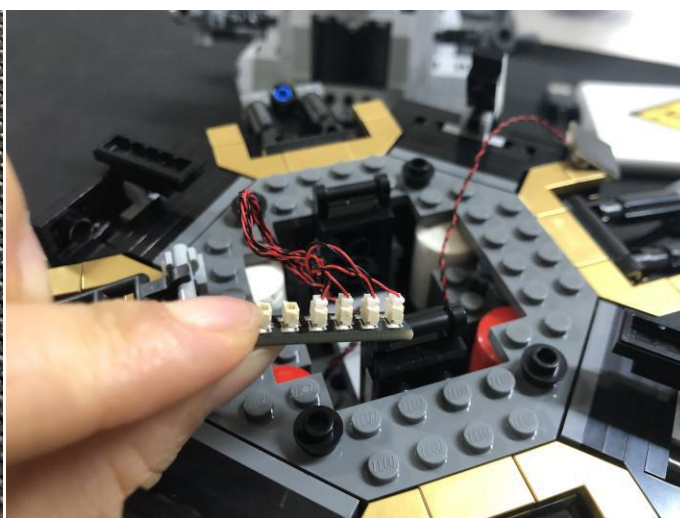
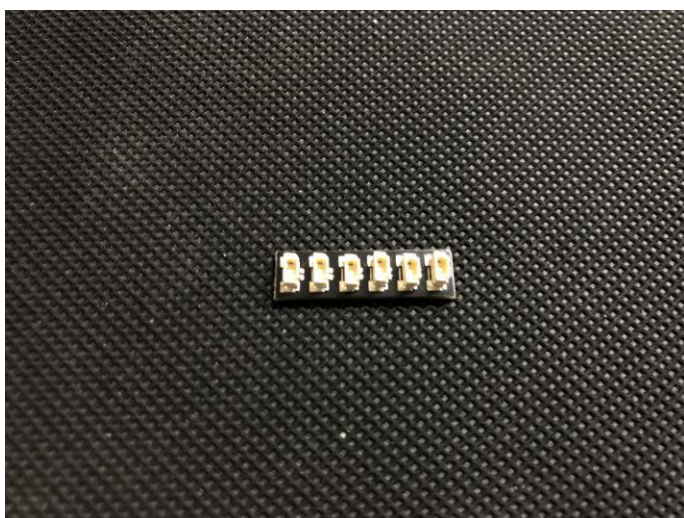


Turn this section over, pull the 4 cables out, group the 4 cables together



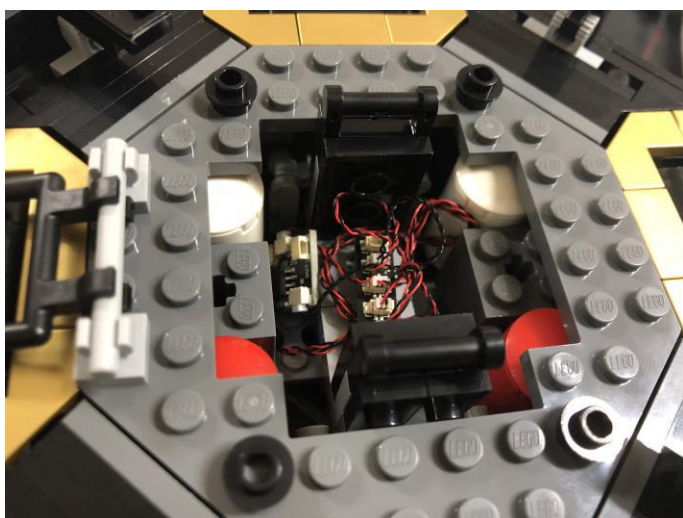
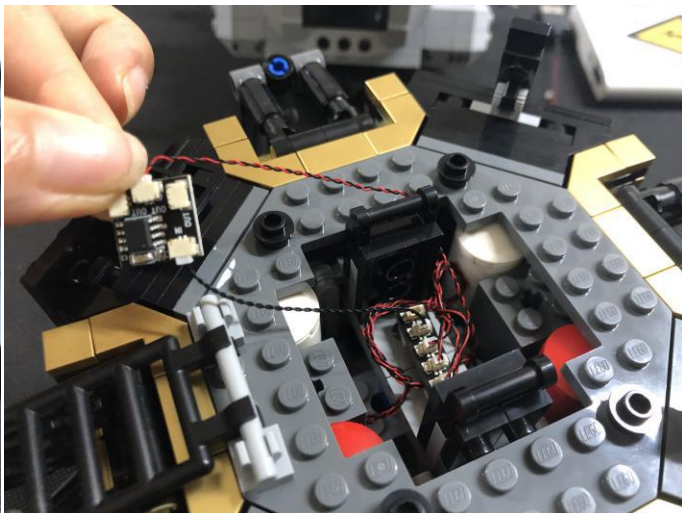
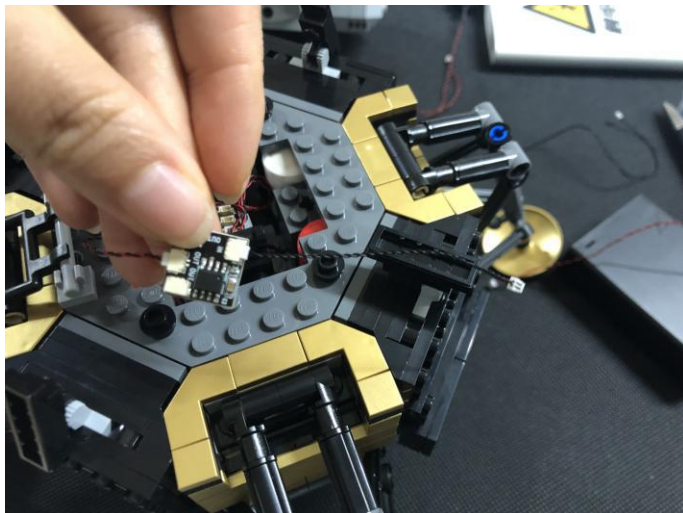


Take a 6-port expansion board, connect the 4 cables to it. Stick the expansion board to the following place

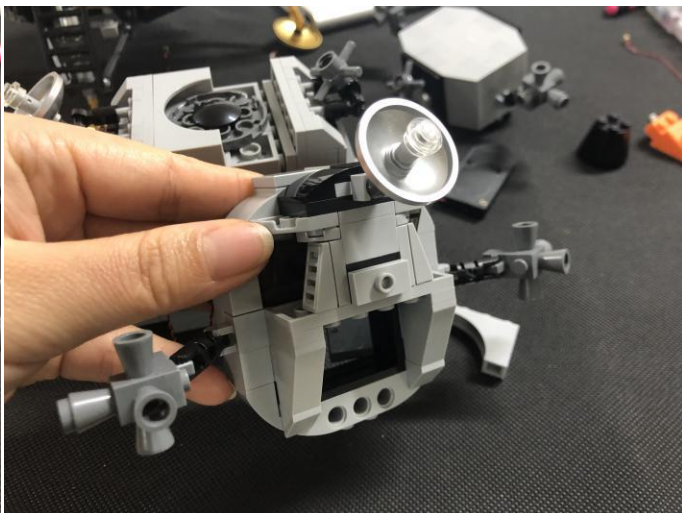
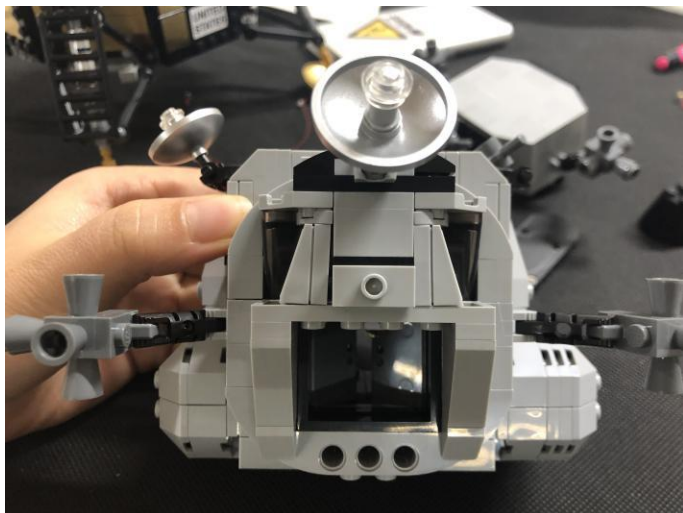


Connect the Flicker Effects Board to the expansion board, secure it to the following place





Move onto installing lights for the upper section, remove the following pieces

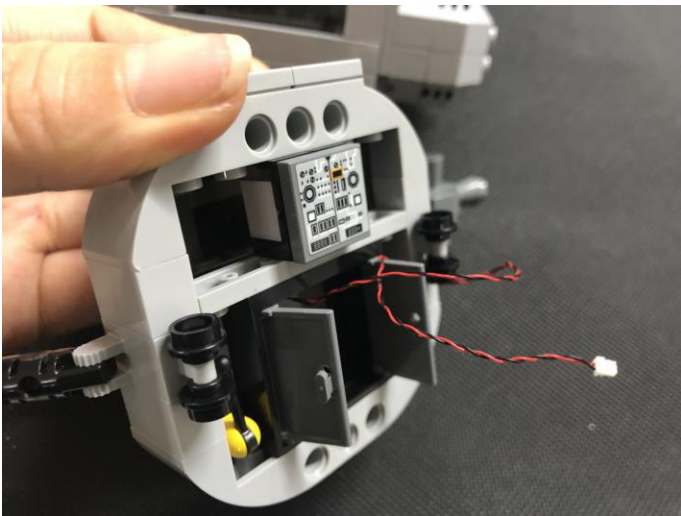


Take a warm white 15cm dot light, stick it to the following place

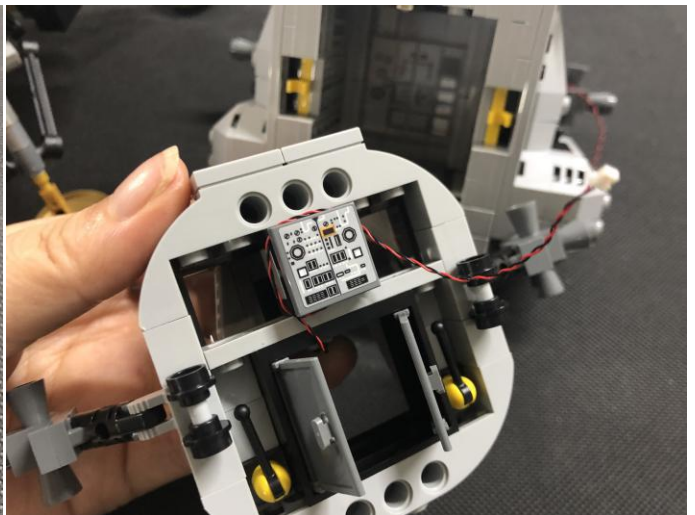
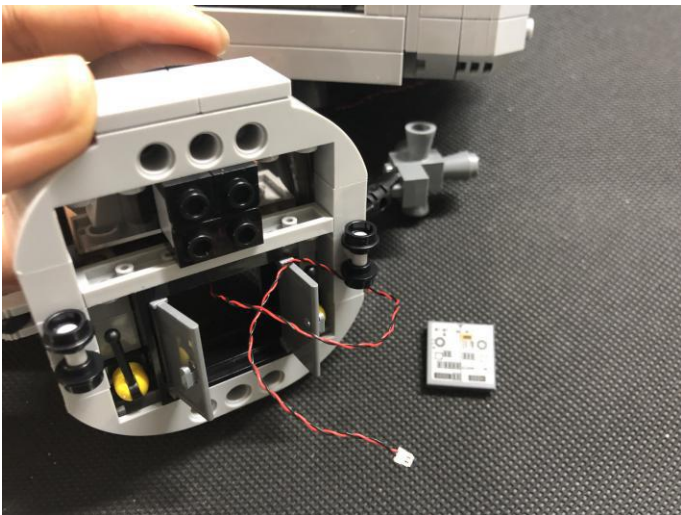




Thread its connector through the door

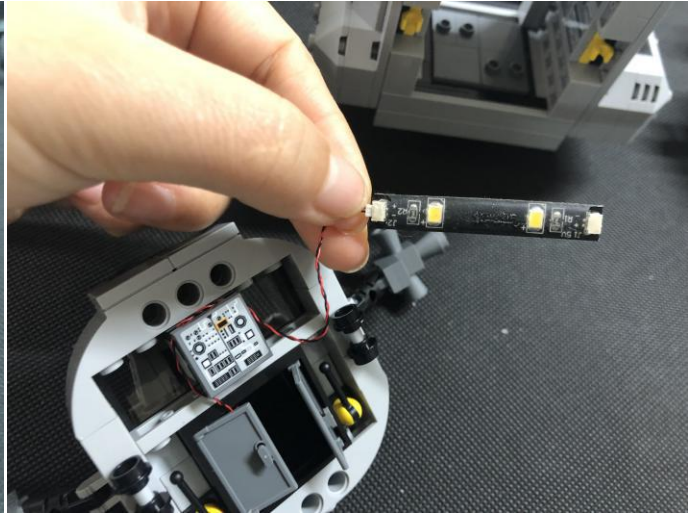


Remove the following pieces to place the cable as per below

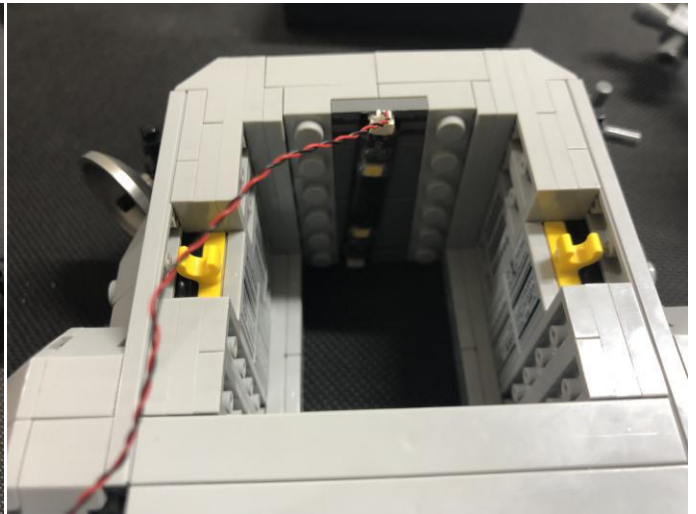
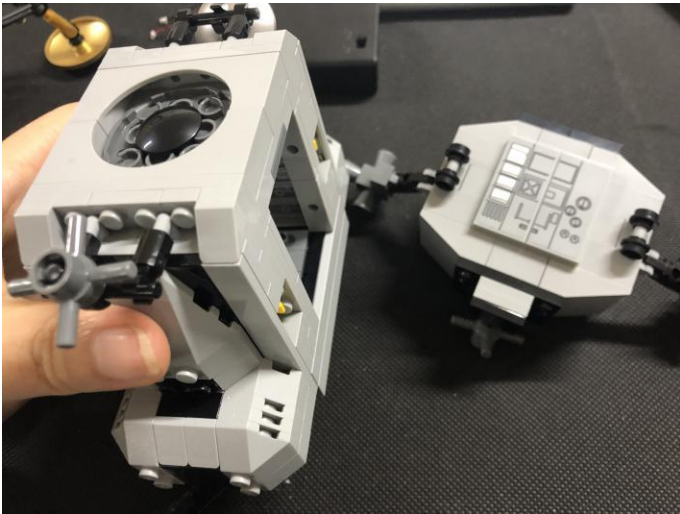


Take a warm white strip light, connect the connector of the previous light to the strip light

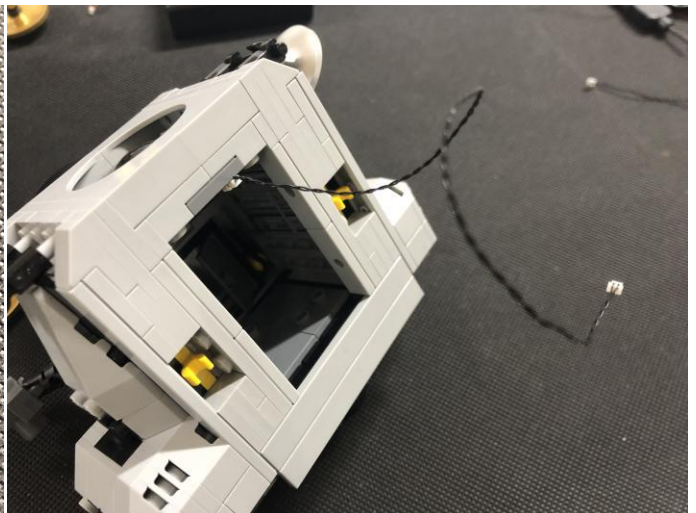




Remove the following piece, stick the strip light to the roof

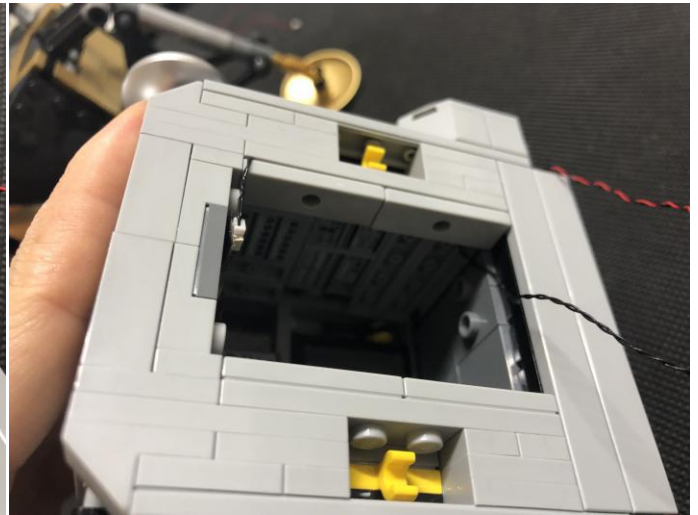
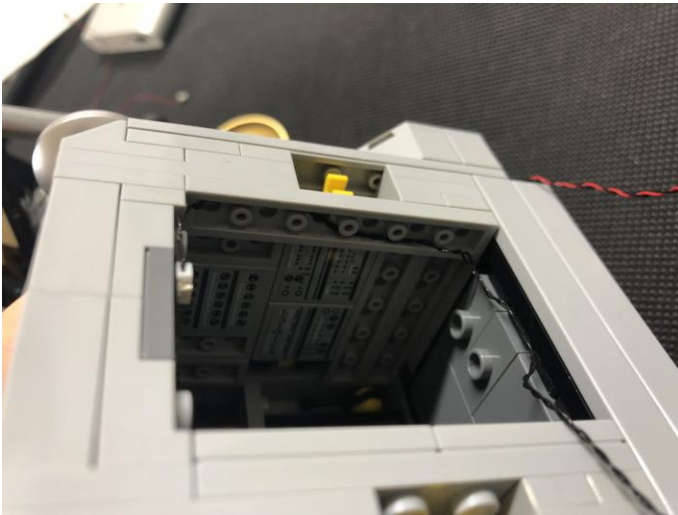


Take a 15cm connecting cable, connect it to the other end of the strip light

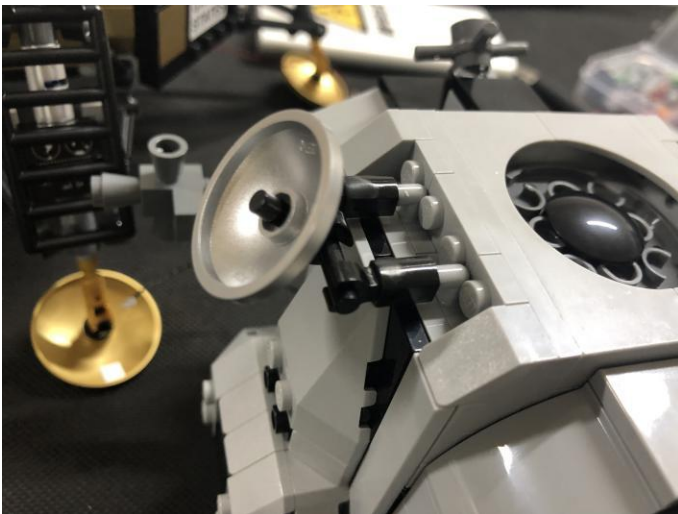


Hide the cable as per below





Continue to install light for the receiver. Remove the following pieces

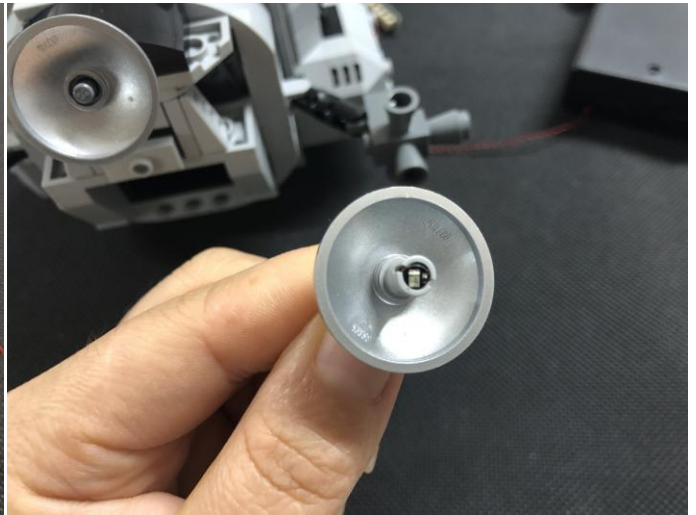
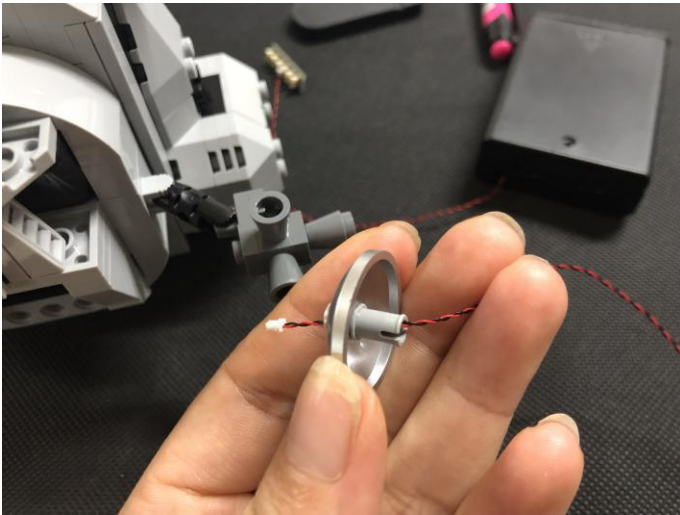


Take the following piece, connect it to the signal tower

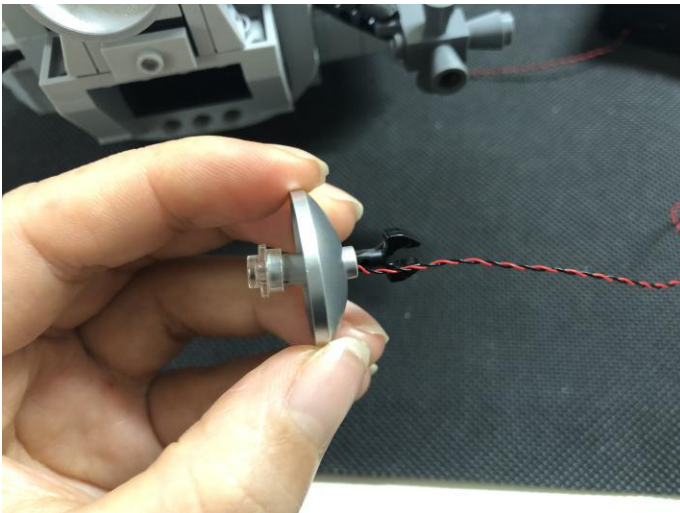
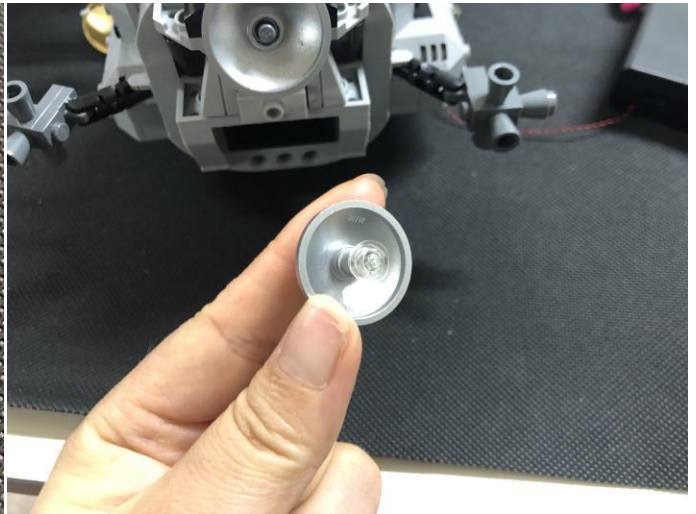


Take a 15cm flashing blue dot light, thread the connector through the center, pull the cable out



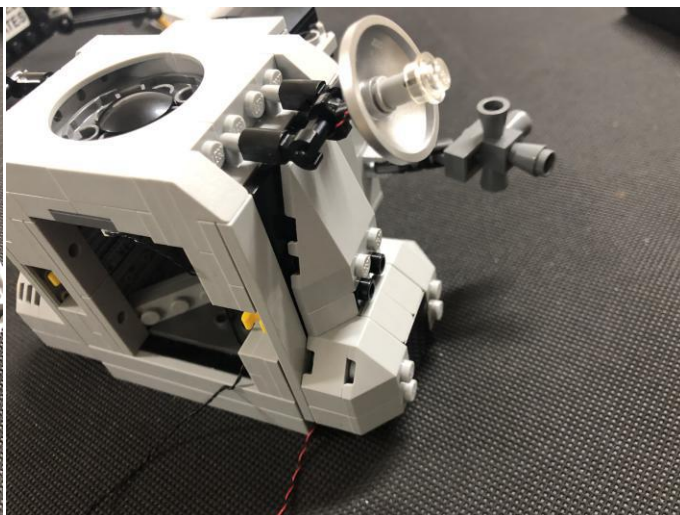


Take a trans 1x1 piece to secure the light, reconnect the black piece



Remove the following pieces to hide the cable

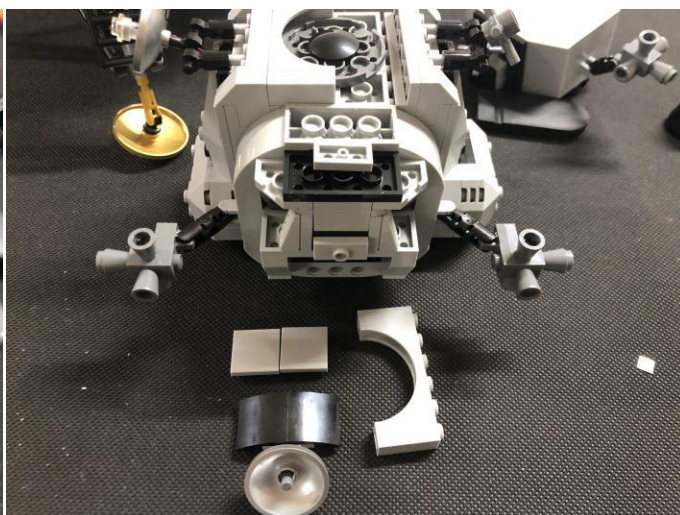
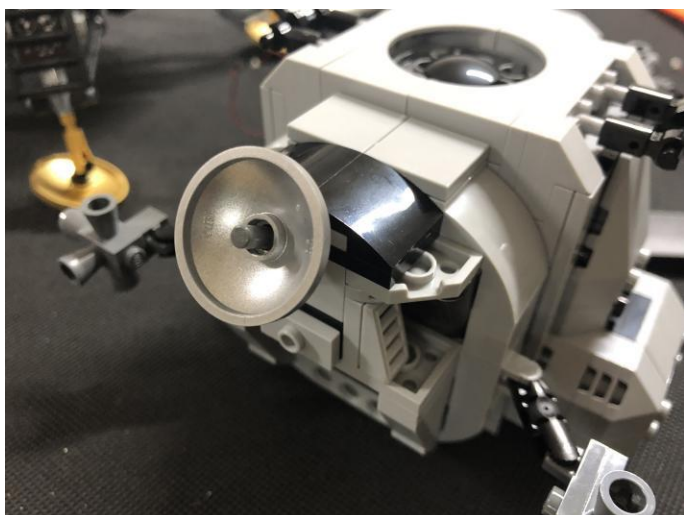




Take a 6-port expansion board, connect the cables of the strip light and the light from the signal tower to it



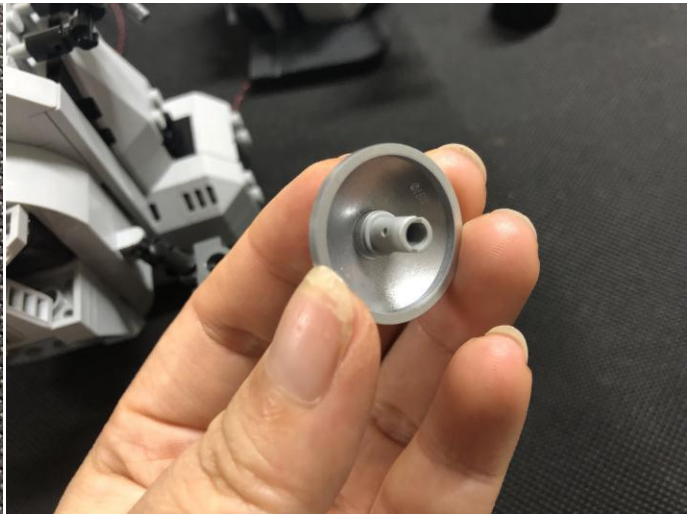
Remove the following pieces



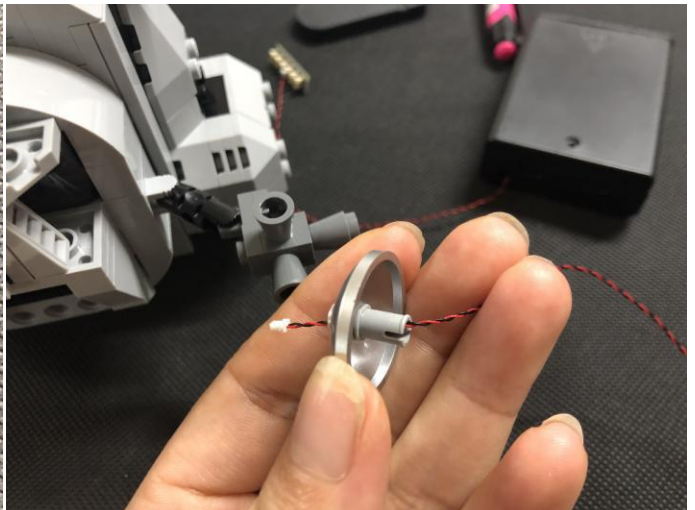




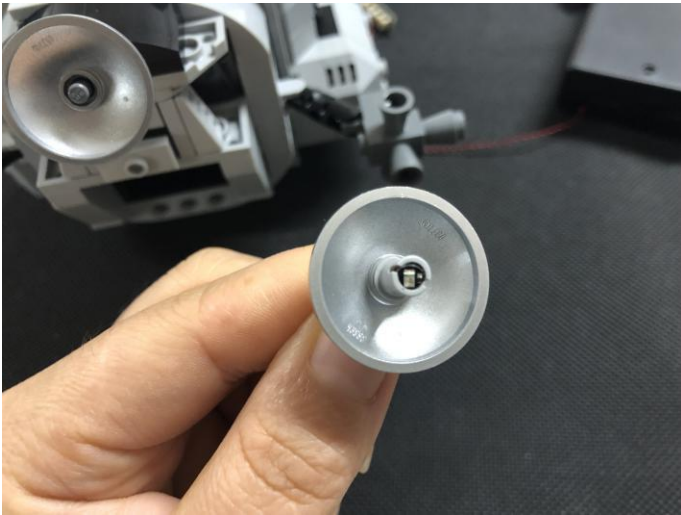
Take the following piece, connect it to the signal tower



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



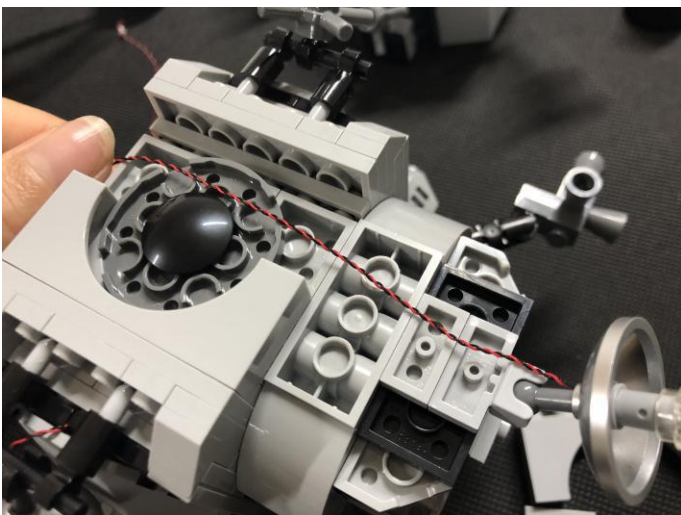




Take a trans 1x1 piece, secure it over the light, reconnect other pieces

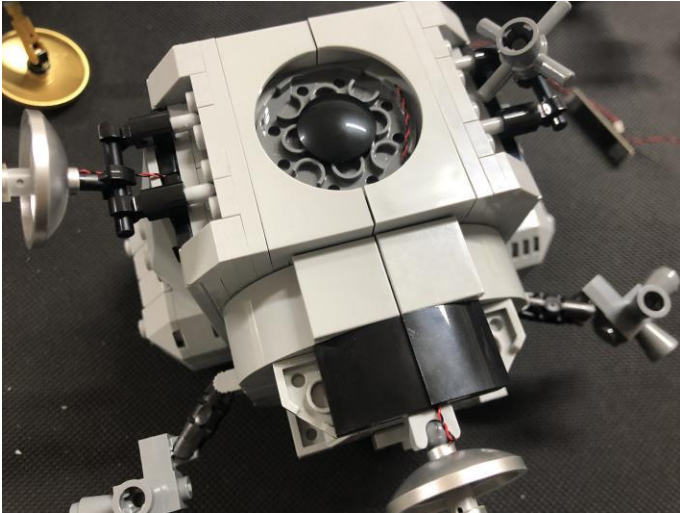


Pull the cable backward

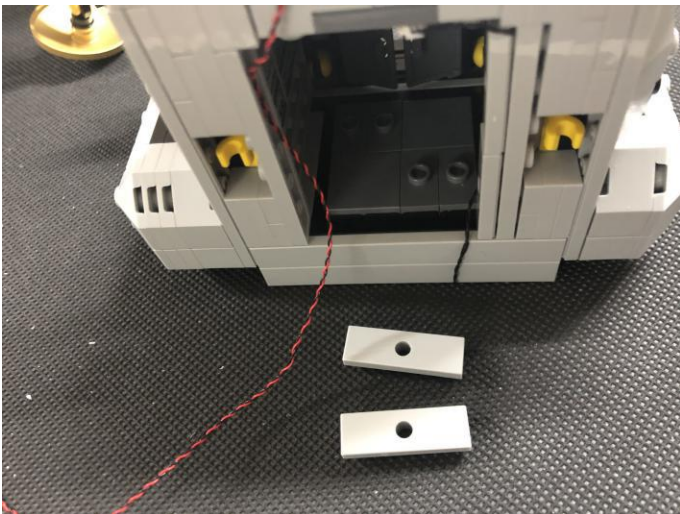


Reconnect the piece to hide the cable underneath

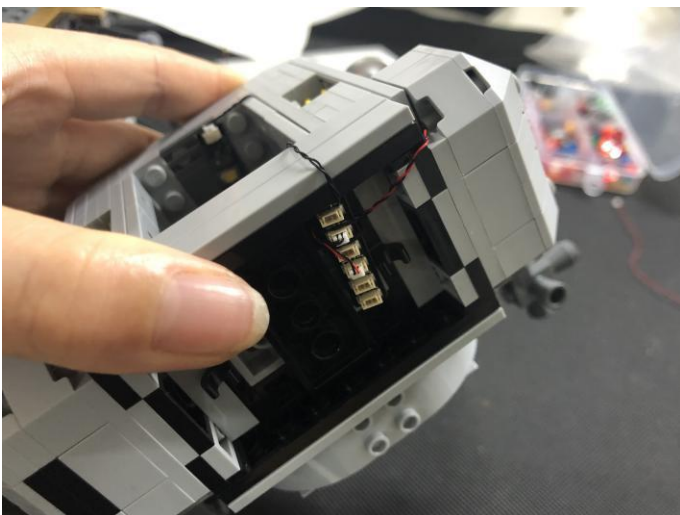




Remove the following piece to help to hide the cable, then, reconnect them



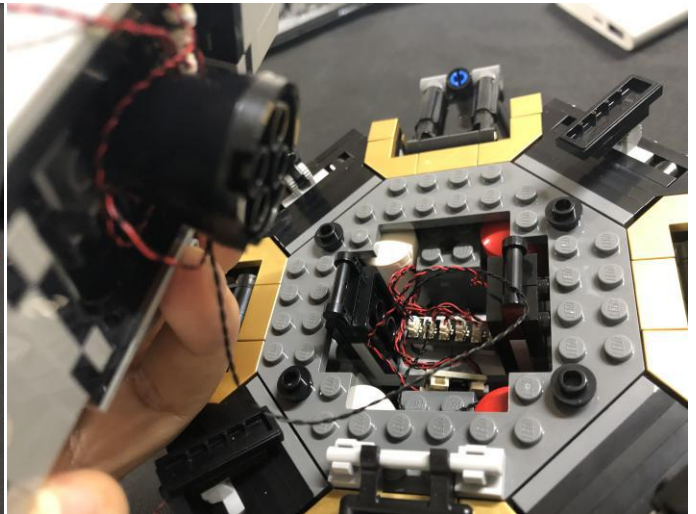
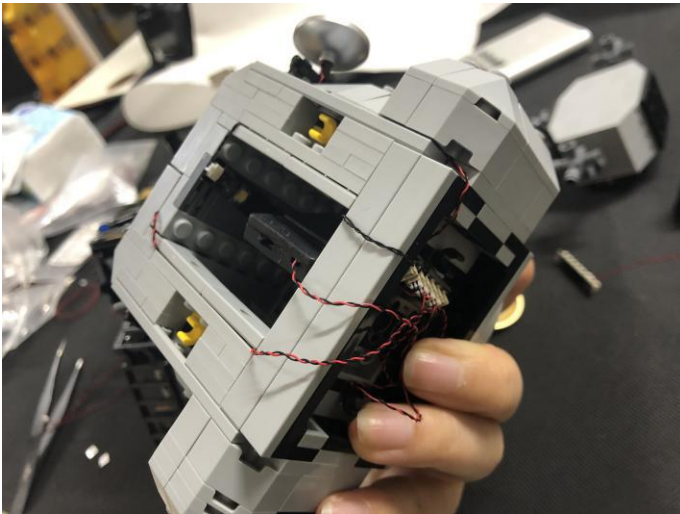
Connect the cable to the expansion board



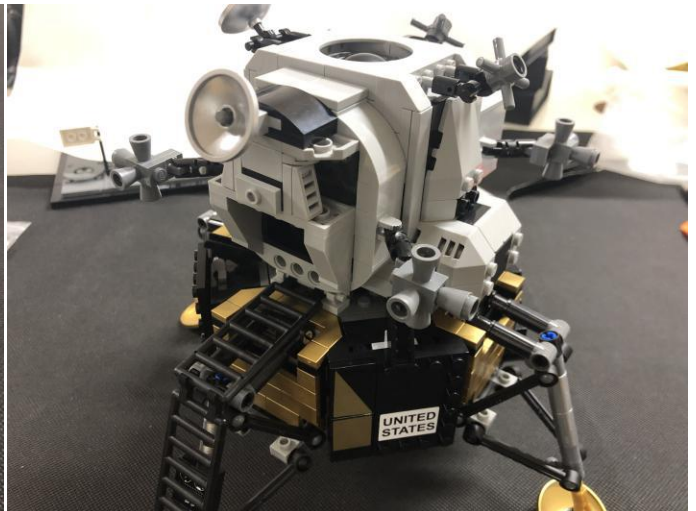
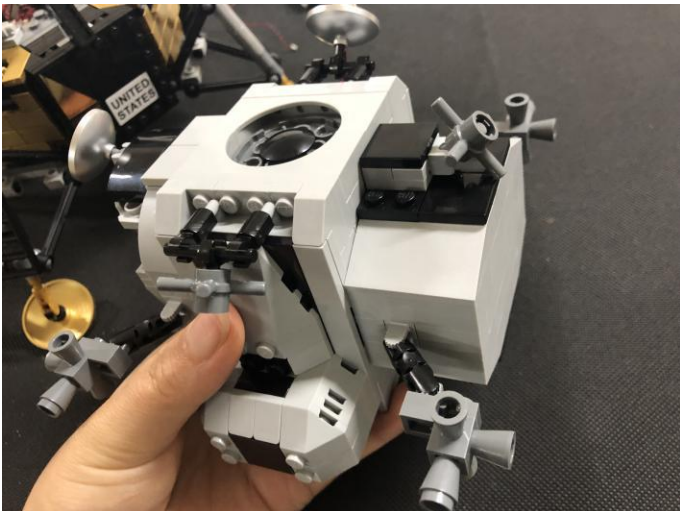
Take the Round Coin Cell Battery Pack, a 15cm connecting cable, connect the cable to the expansion board, and connect its other end to the Round Coin Cell Battery Pack

The cable and the battery case connect the socket, the 15cm cable is used for the declining section, and connect the free socket in declining section, putting the battery box on the cabin.





Reconnect the pieces we removed before



PS:When turning on the power, remove the front part of the arising section.

This completes installation of this LED Lighting Kit. ENJOY!



