

The Razor Crest # Lego Light Kit for 75292 Sound and Light Version

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!

Package contents:

- 3 x 15cm Red Dot Lights
- 1 x 30cm Red Dot Light
- 8 x 30cm Blue Dot Lights
- 2 x 30cm Warm White Dot Lights
- 2 x 15cm Head Lights
- 1 x Warm White Strip Light
- 1 x 15cm Connecting Cable
- 2 x 5cm Connecting Cable
- 1 x USB Cable
- 1 x 8-port Expansion Board
- 1 x 12-port Expansion Board
- 1 x Acousto-optic Control Switch Board

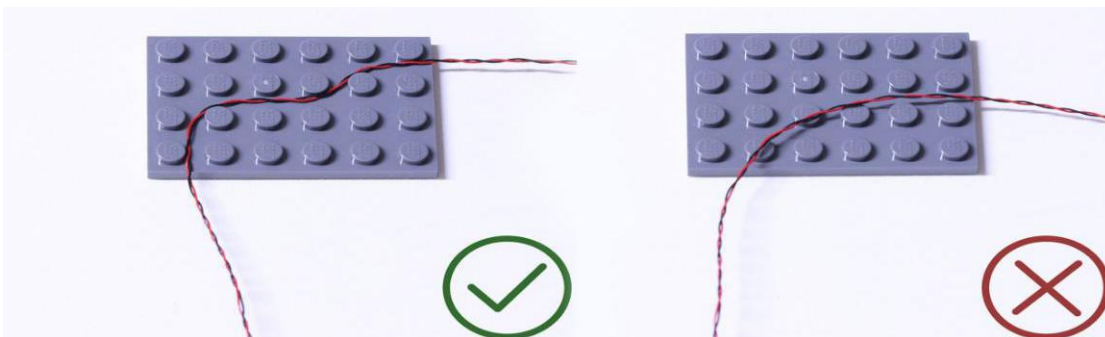
Extra pieces



Note:

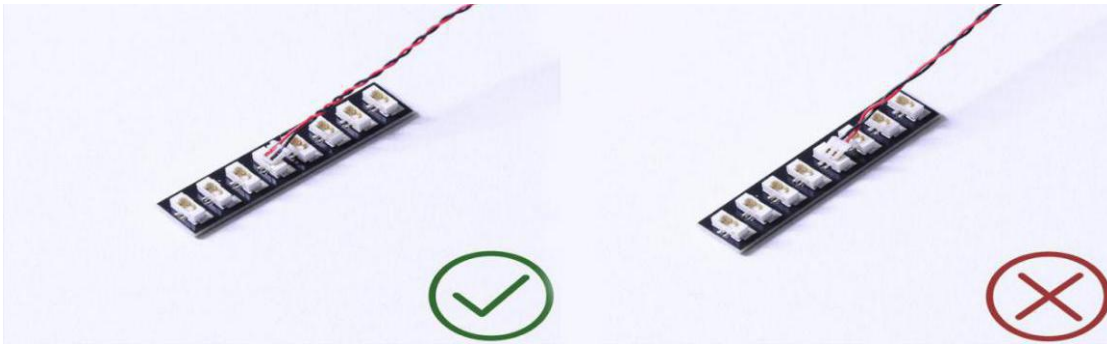
Place wires on the surface or under the building blocks.

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

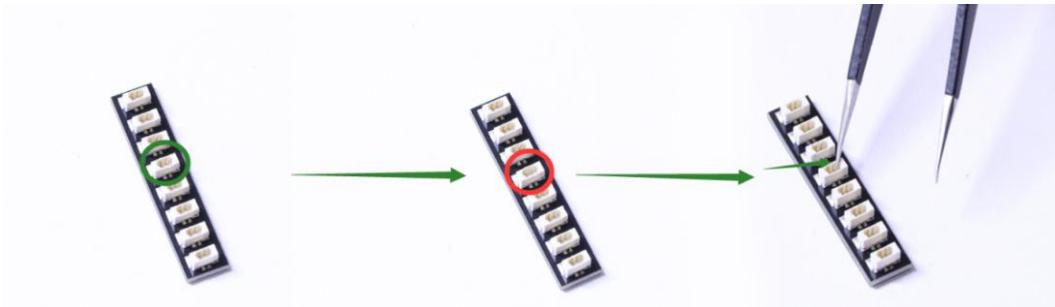


Insert the connectors to the ports.

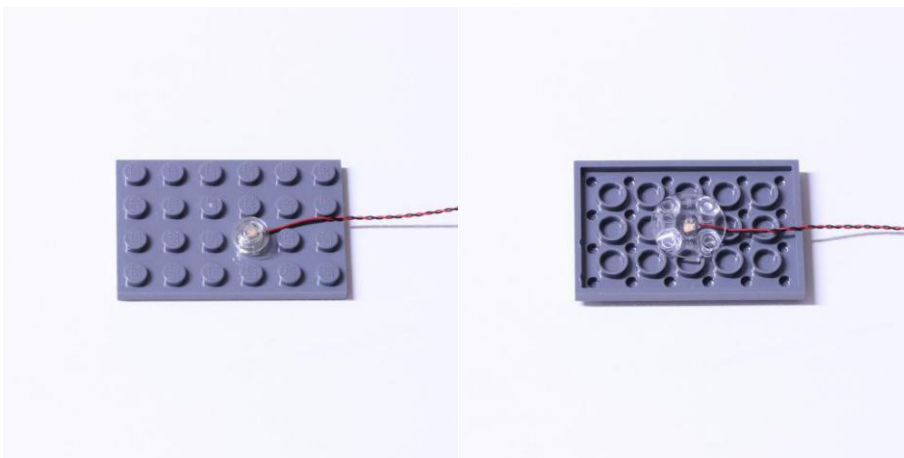
Be careful when you are operating, there's only one correct way to insert, make sure the expansion board is upward, find the soldered "=" sign on the left of the port. When you are inserting, the side which the wires can be seen should be faced to the "=" sign and if you feel hard to insert, please stop,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

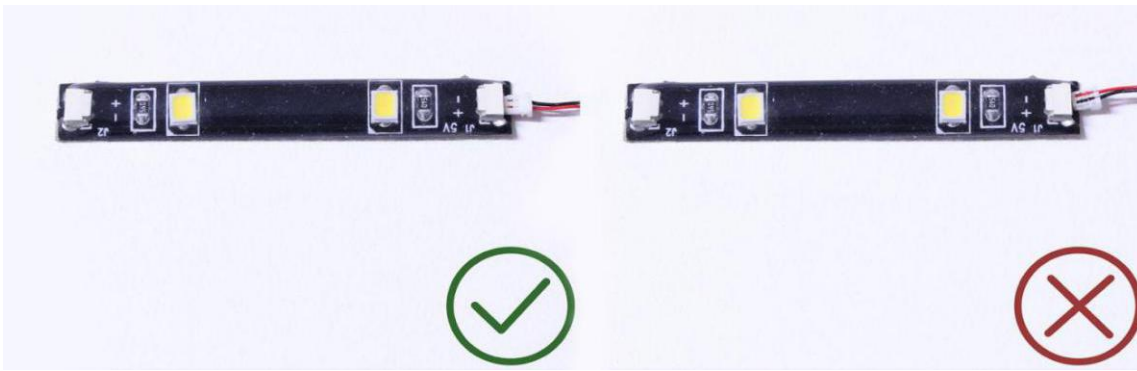


When installing dot lights, make sure they are correctly placed (Yellow LED package is exposed). You can put them either on the top of the studs or between studs.

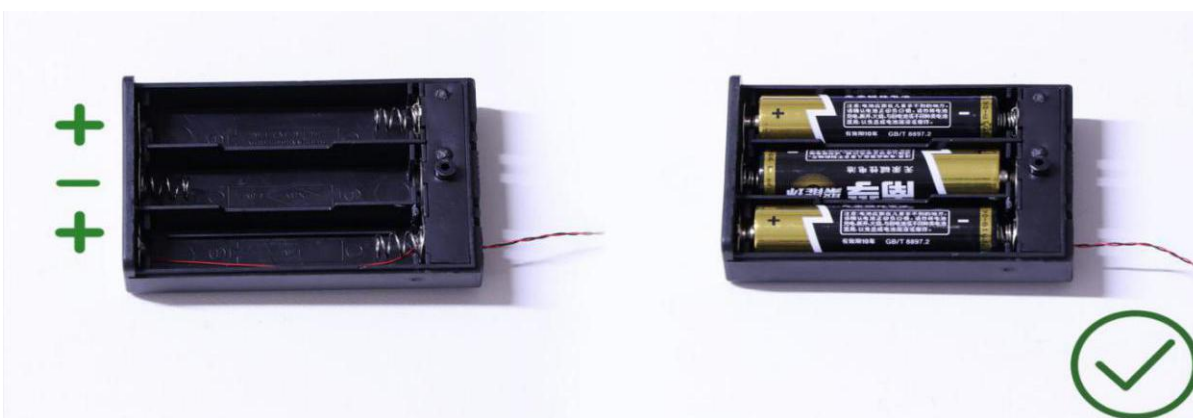


Connecting cable connectors to Strip Lights

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:

Razor Crest, Acousto-optic Control Version, Lighting Kit, 12 bags in total, 11 bags with labels, 1 bag without label, as per below:

Power supply: USB cable (self-contained power bank or mobile phone charger).



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



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:

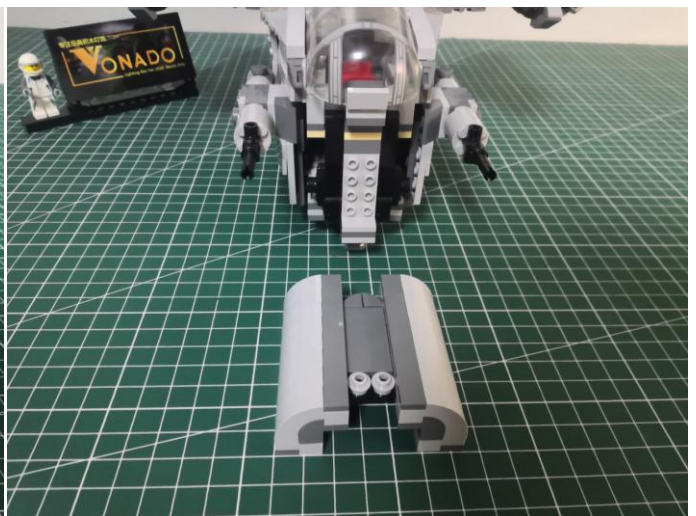
OK, Let' s Begin!



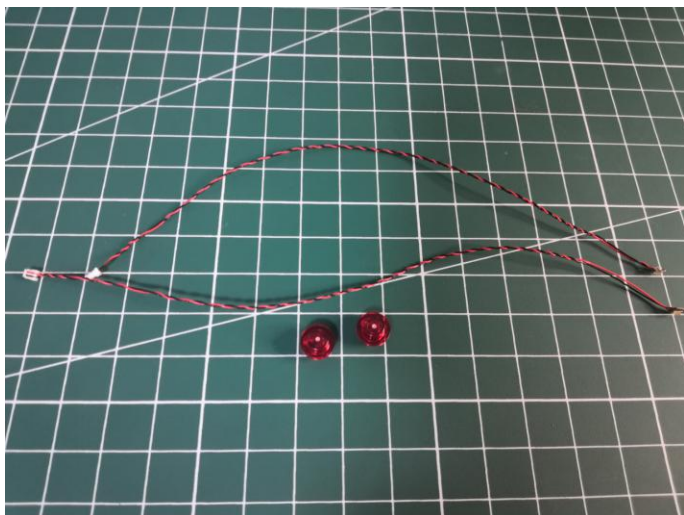
Turn to the head of the spaceship firstly.



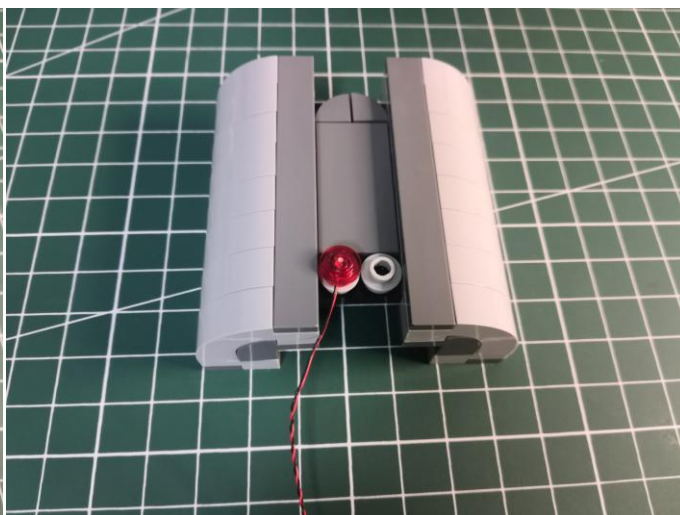
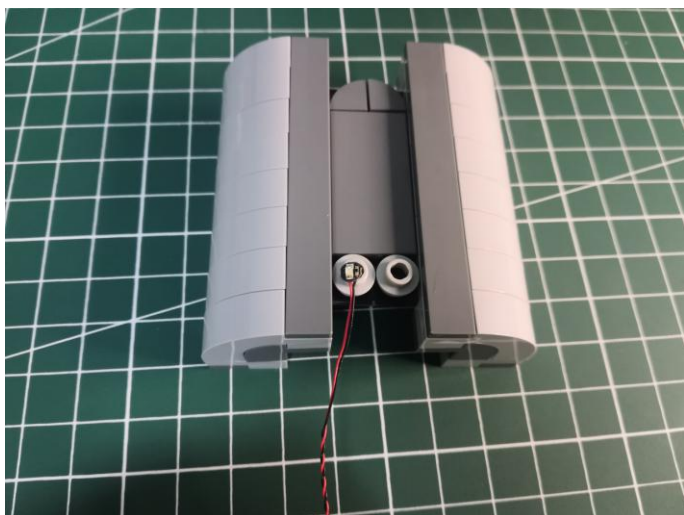
Remove the following piece.



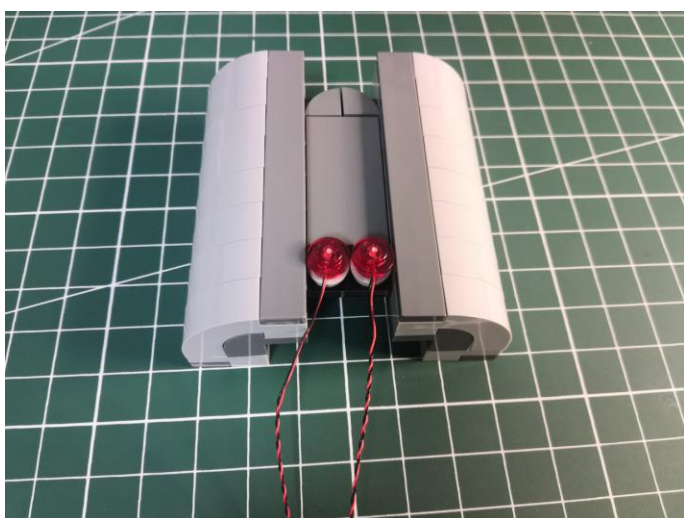
Take 2 red 15cm dot lights, 2 trans red 1x1 round plates.



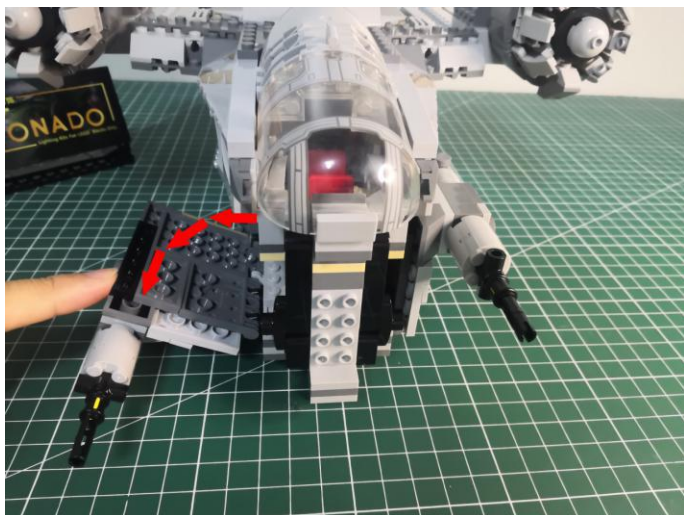
Take the piece we removed before, with lighting part facing up, place the light as per below, connect the trans red 1x1 round plate over.



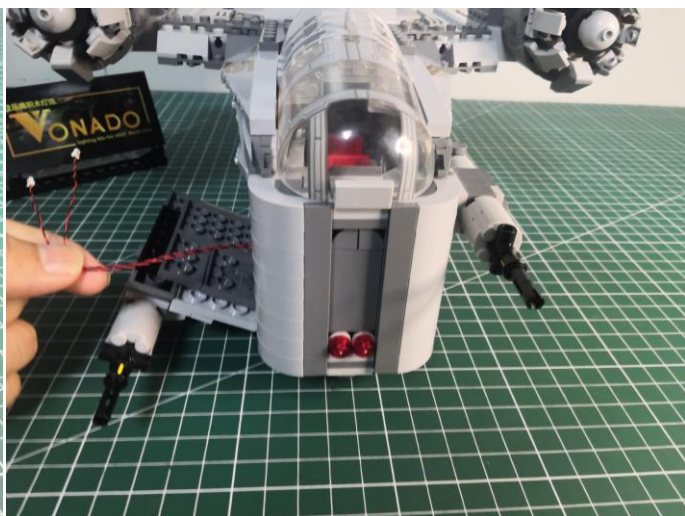
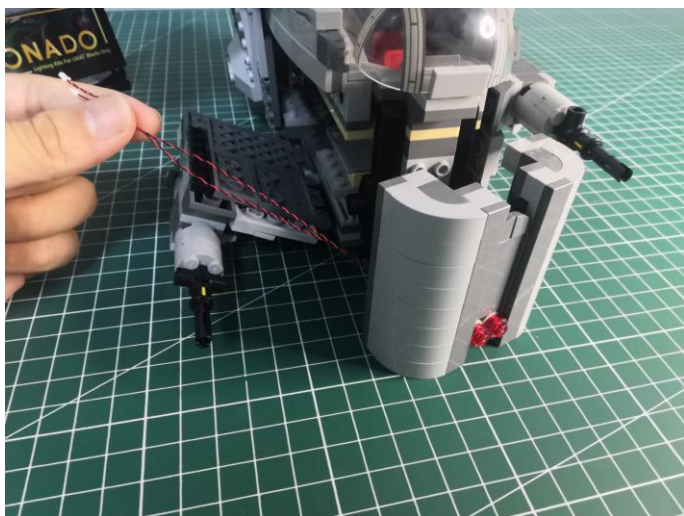
Install the light at the other side in the same way.



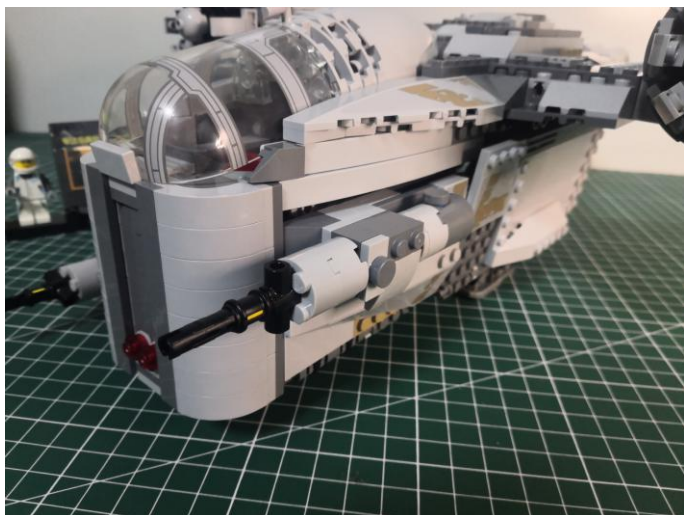
Open the following piece.



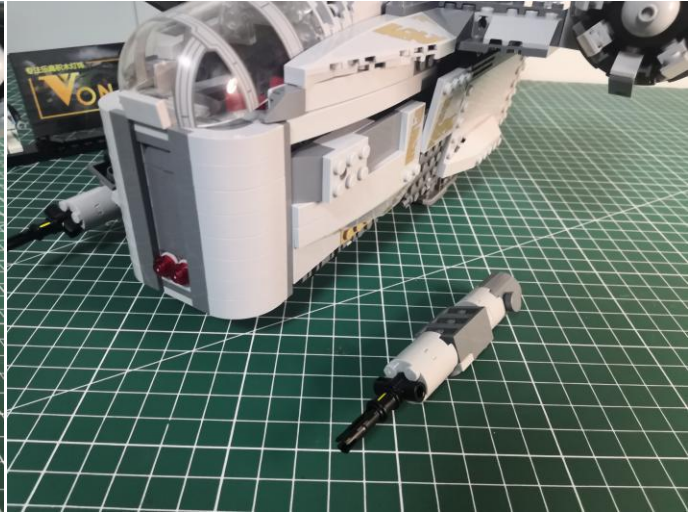
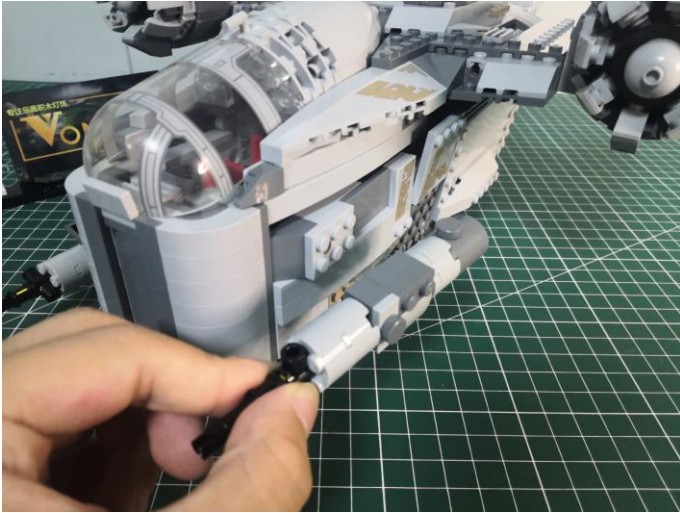
Pull the 2 cables left behind, reconnect the piece.



Turn to the following place.



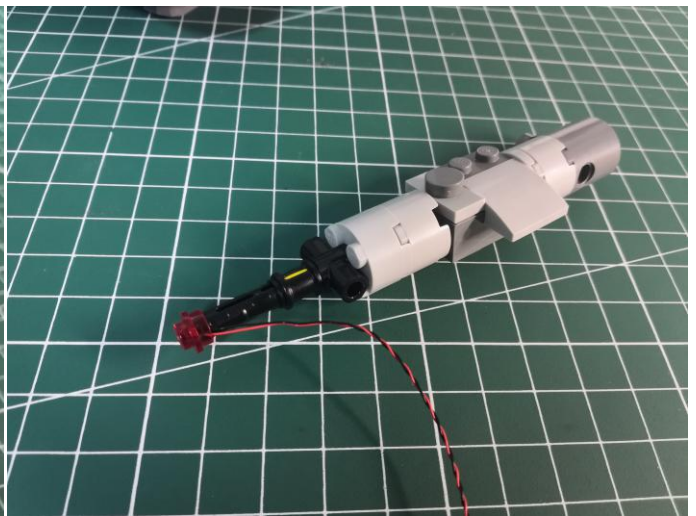
Remove the following piece.



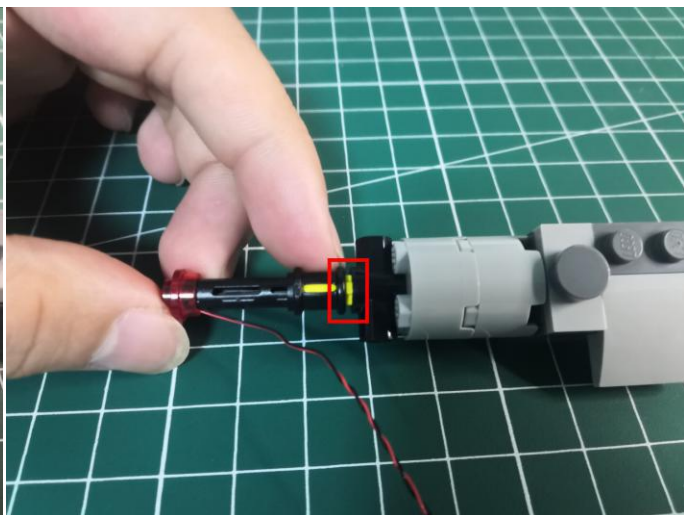
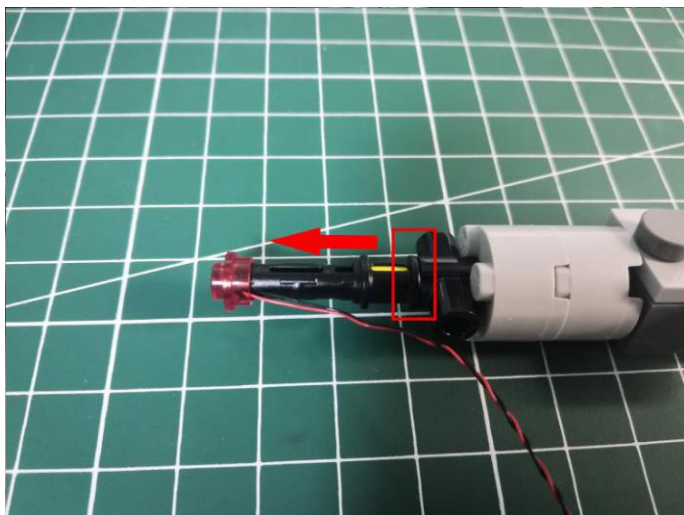
Take a red 30cm dot light, a trans red 1x1 round plate.



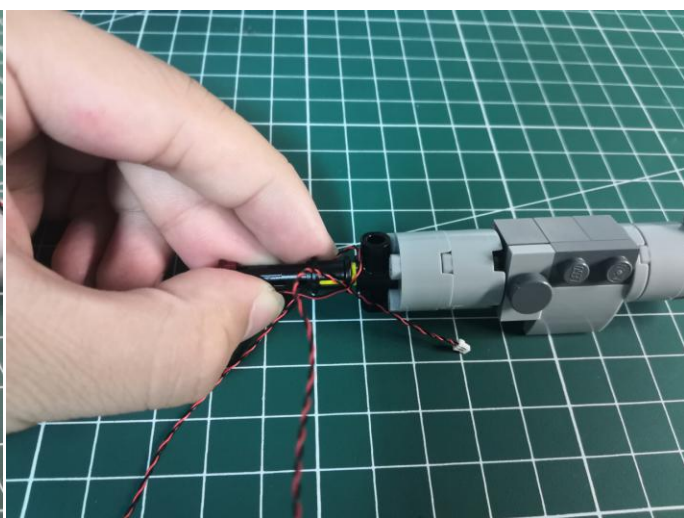
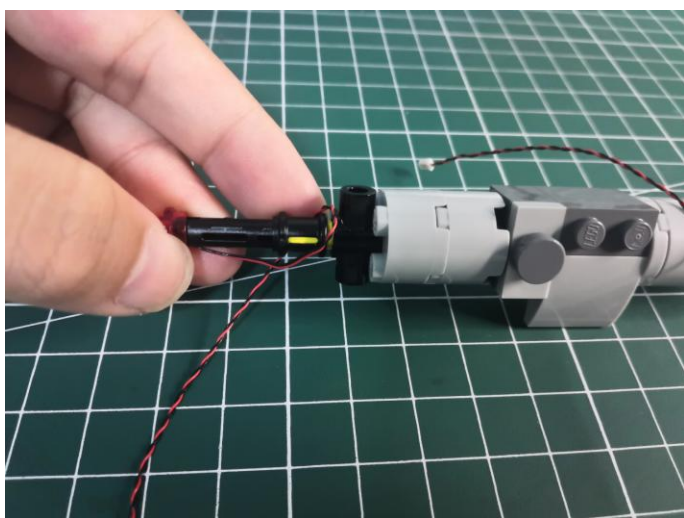
Take the piece we removed before, with lighting part facing up, place the light as per below, connect the trans red 1x1 round plate over.



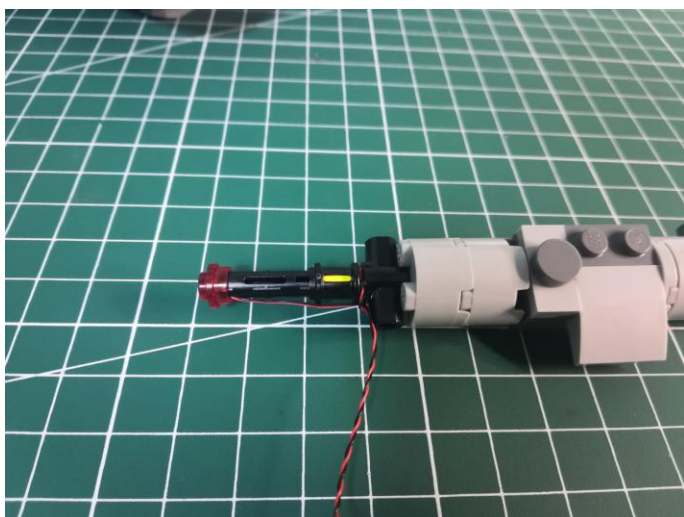
Pull the following piece out a bit as per below.



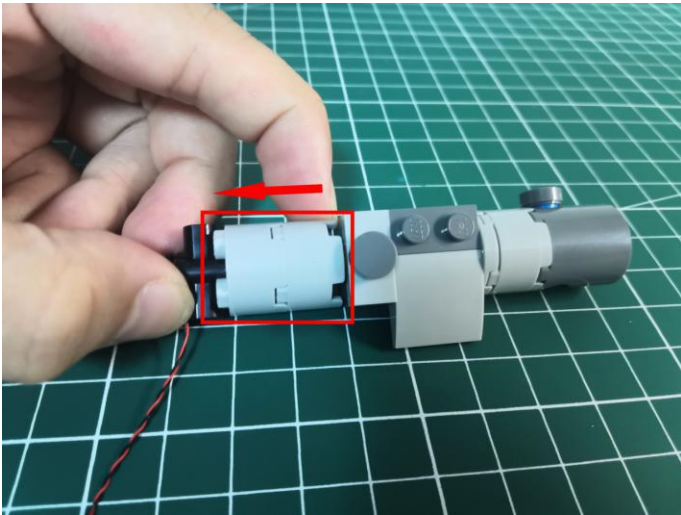
Tie a knot at the following place.



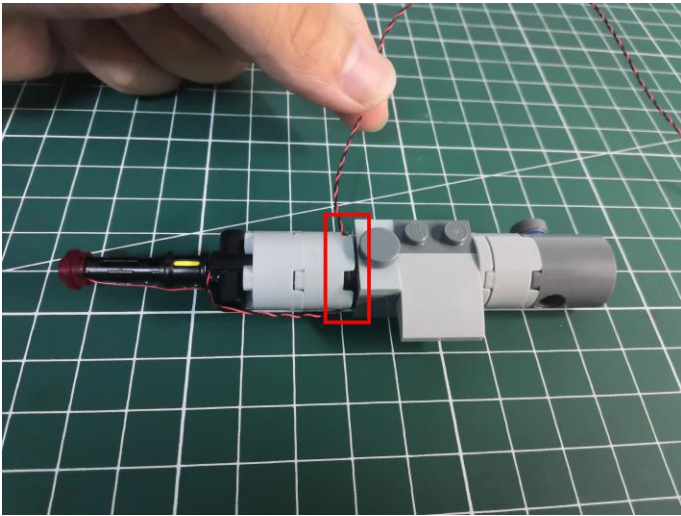
Tighten the cable up.



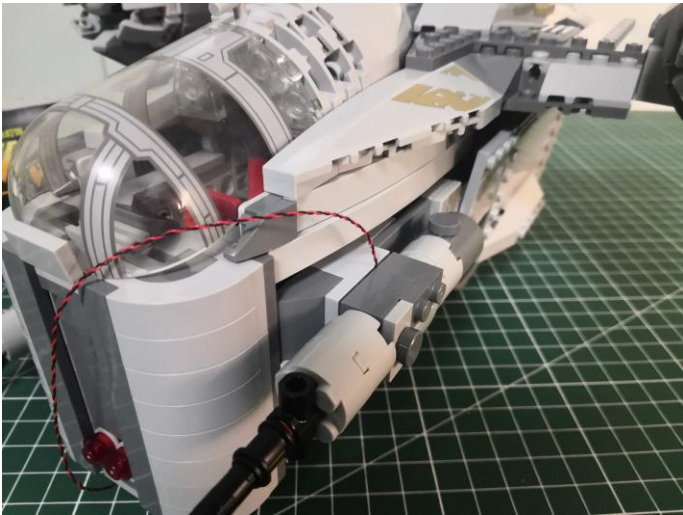
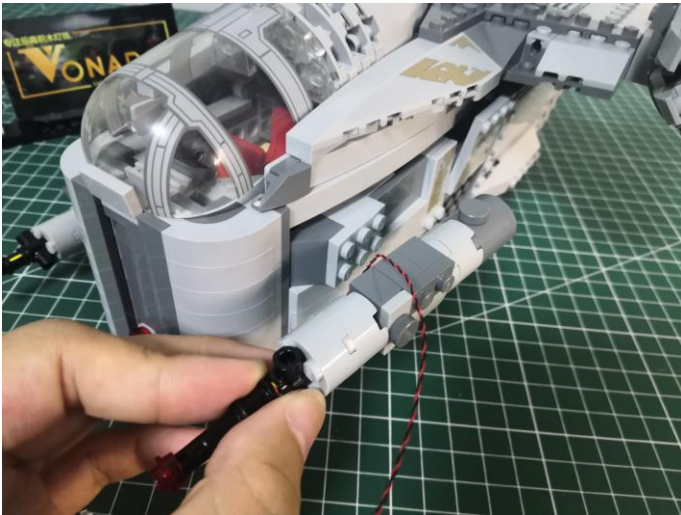
Pull the following piece out a bit.



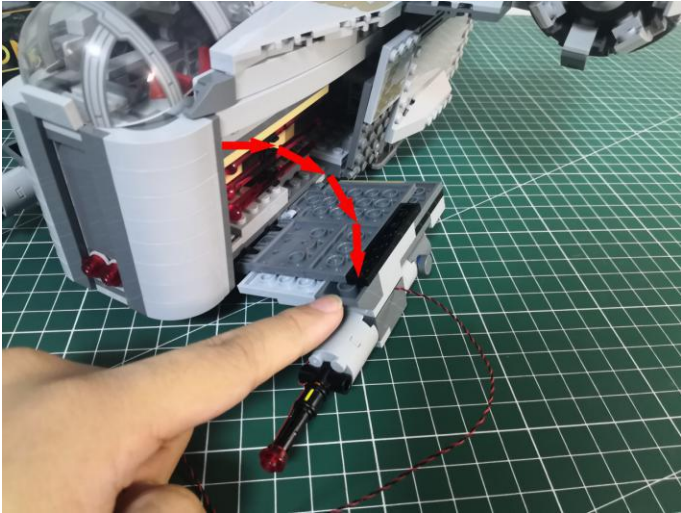
Wind the cable as per below, secure the cable at the groove, tighten the cable up.



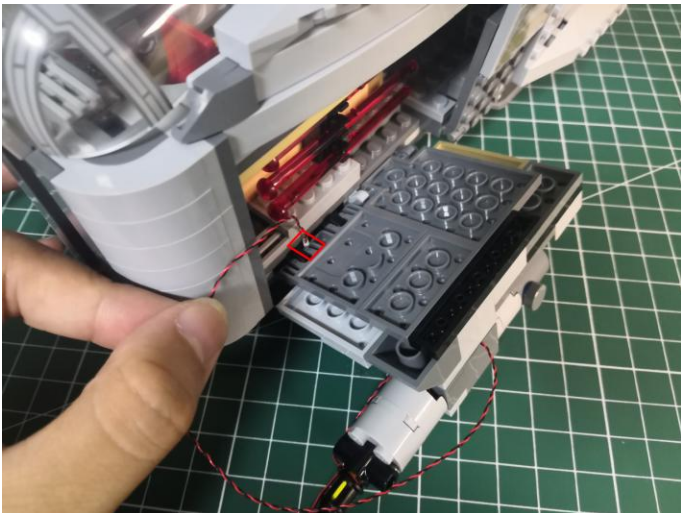
Reconnect the piece, with cable facing up, place the cable in between pieces.



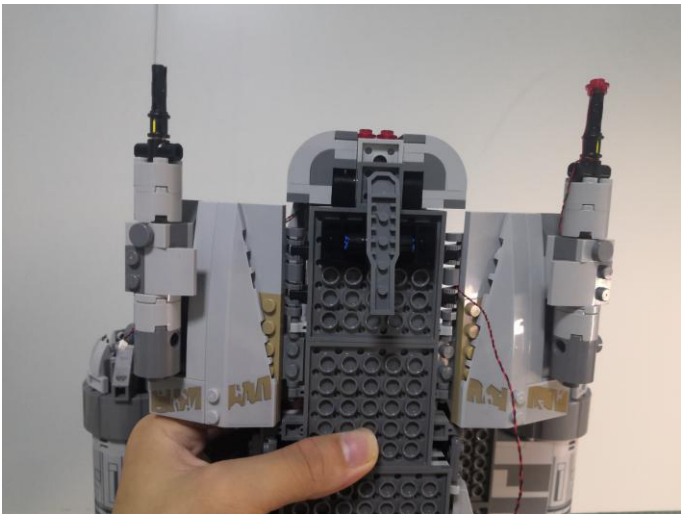
Open the following piece.



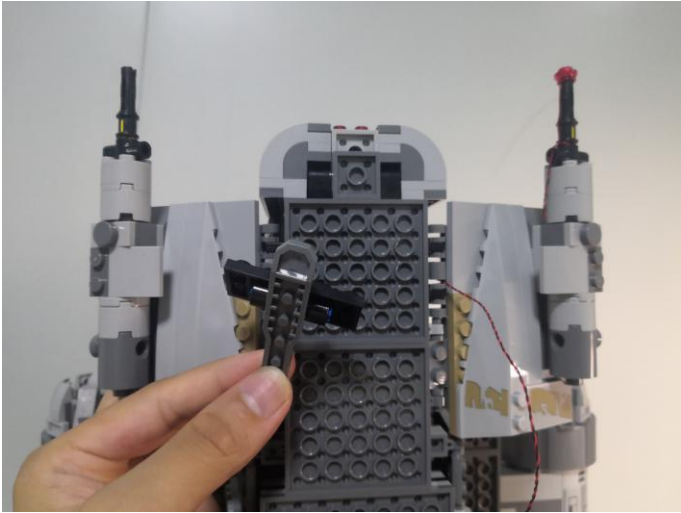
Thread the cable through the following space, tighten the cable up.



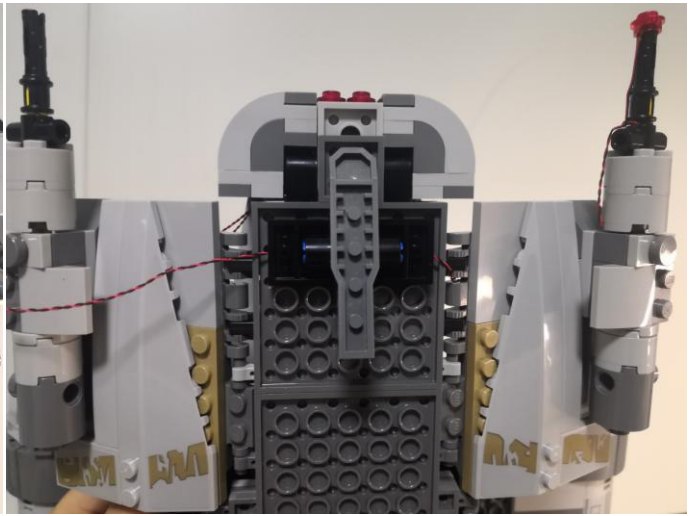
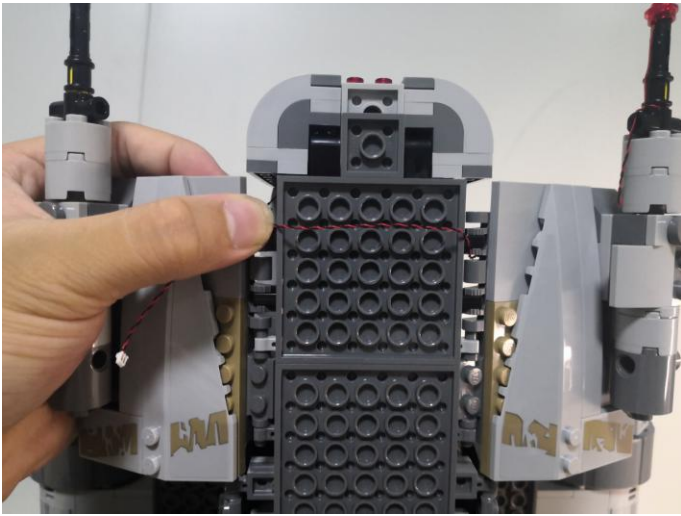
Take the spaceship, look at the bottom.



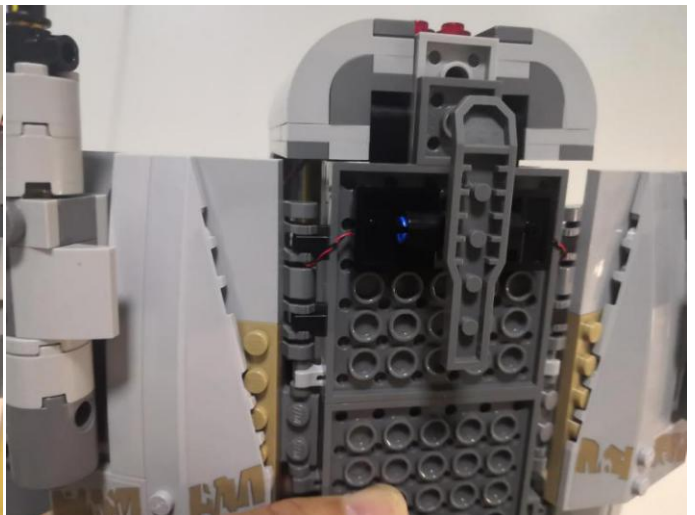
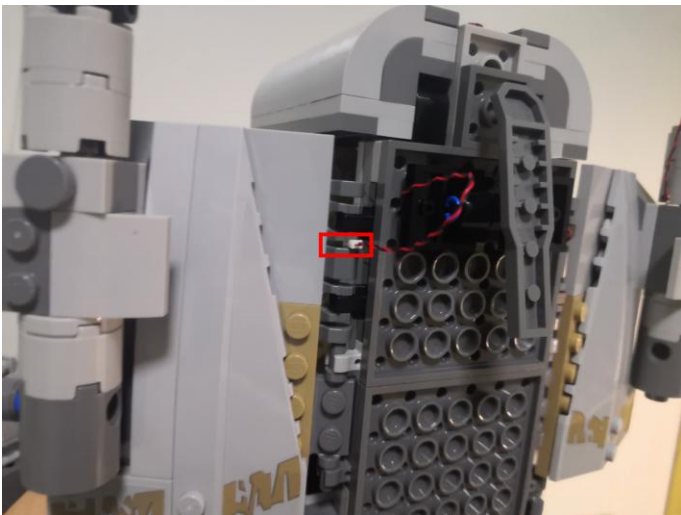
Remove the following piece.



Place the cable as per below, reconnect the piece.



Thread the cable through the following space.



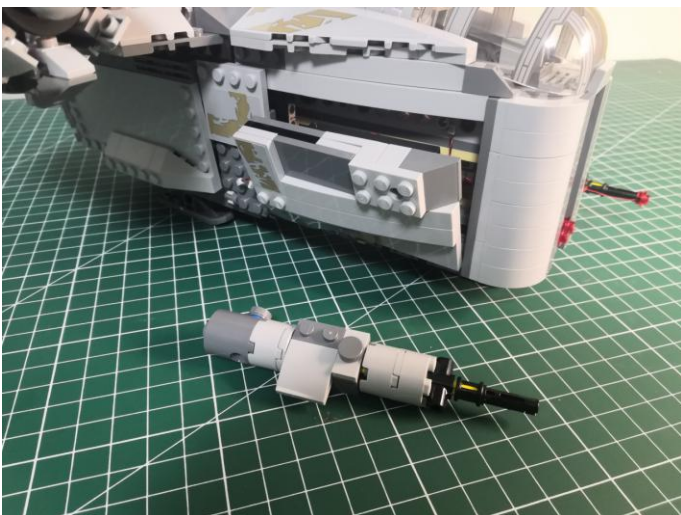
Place the spaceship down, tighten the cable up.



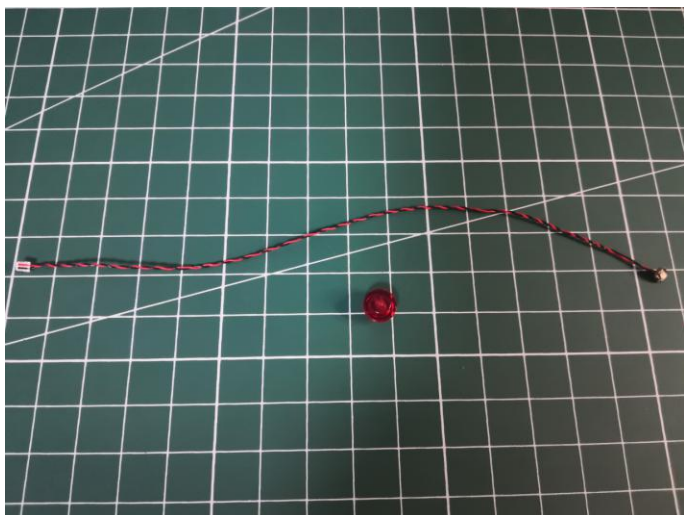
Turn to the following place.



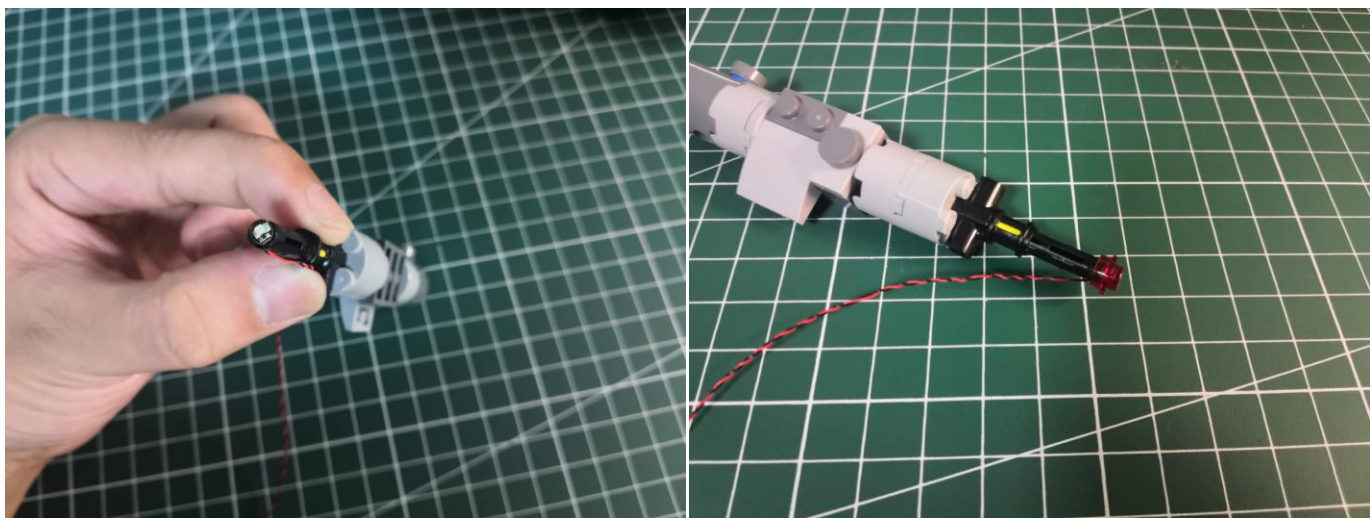
Remove the following piece.



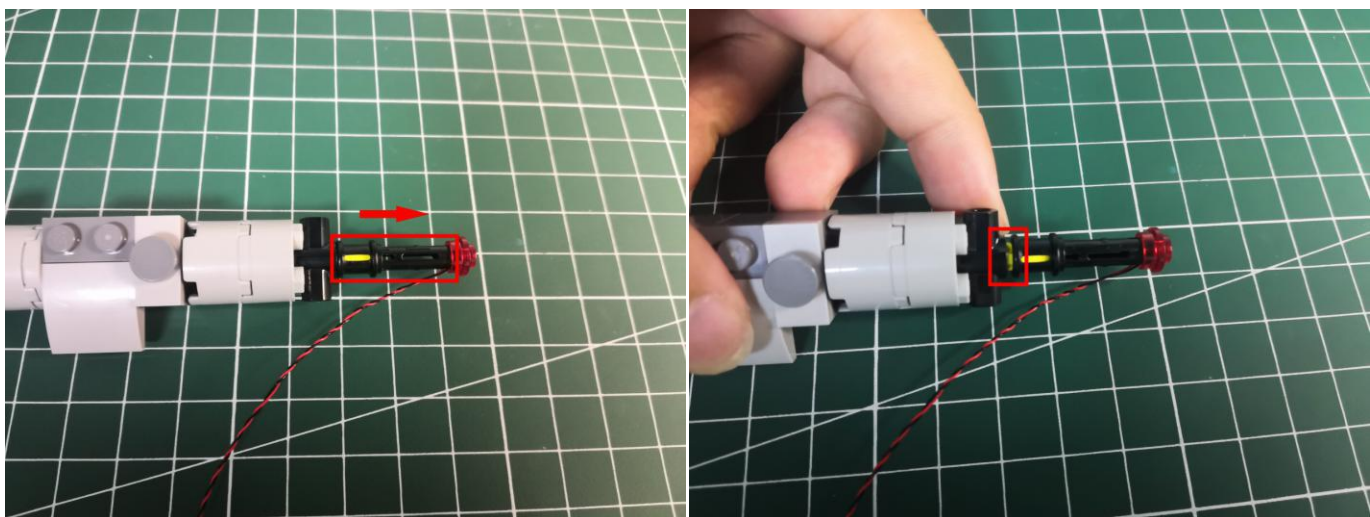
Take a red 15cm dot light, a trans red 1x1 round plate.



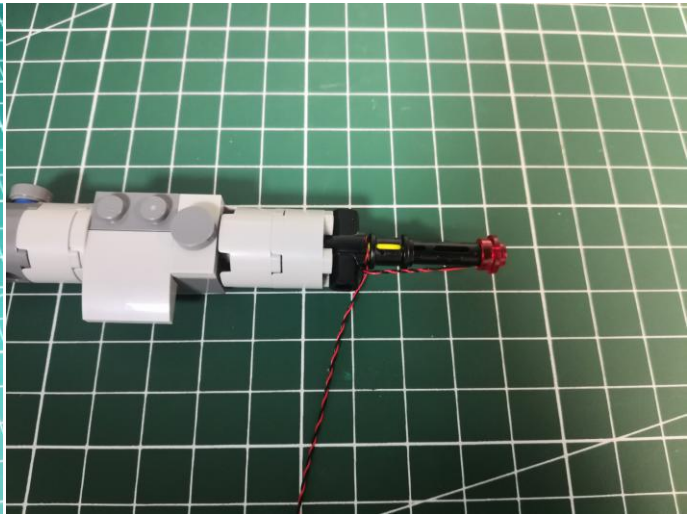
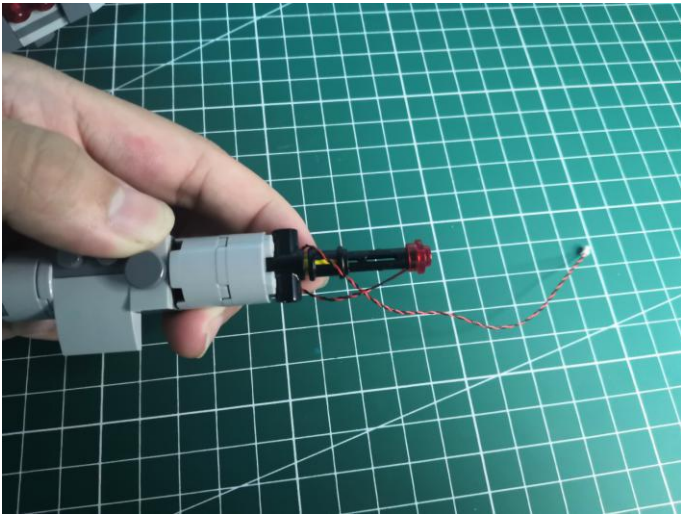
With lighting part facing up, place the light as per below, connect the trans red 1x1 round plate over.



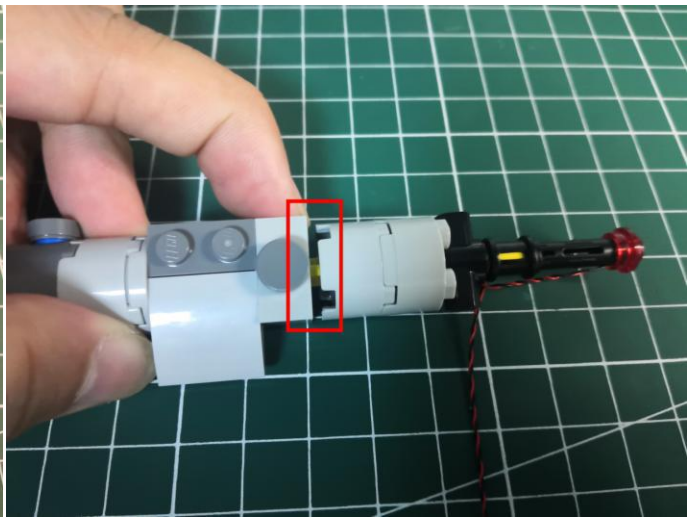
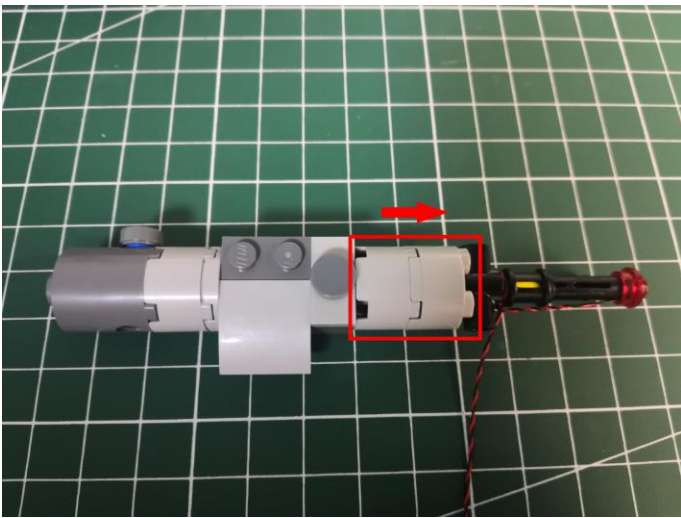
Pull the following piece out a bit.



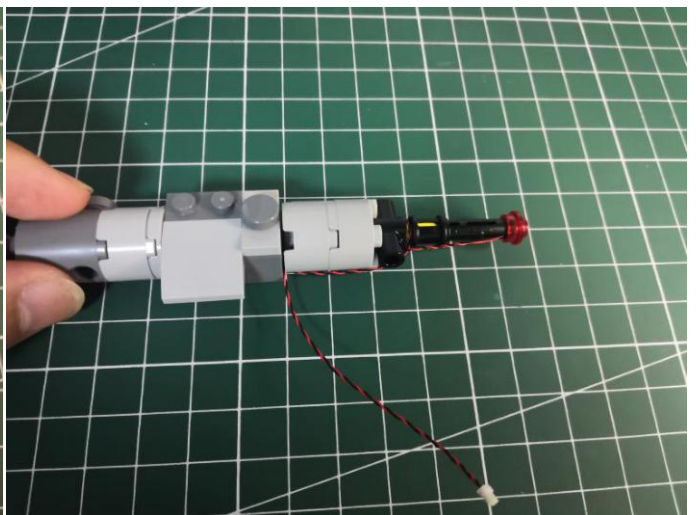
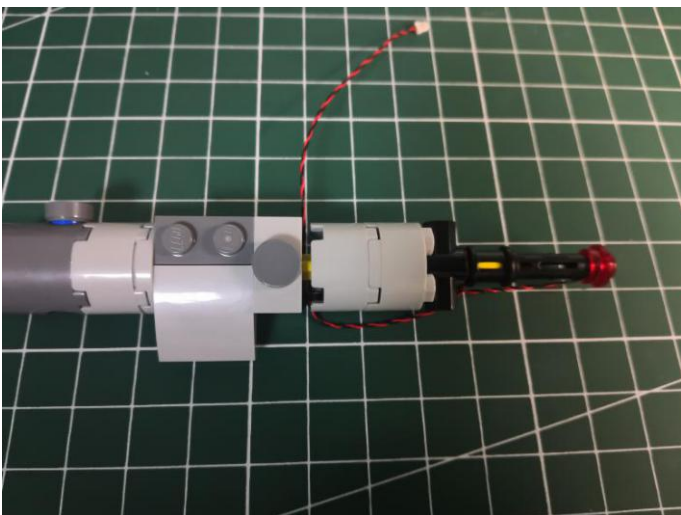
Tie a knot at the following place, tighten the cable up.



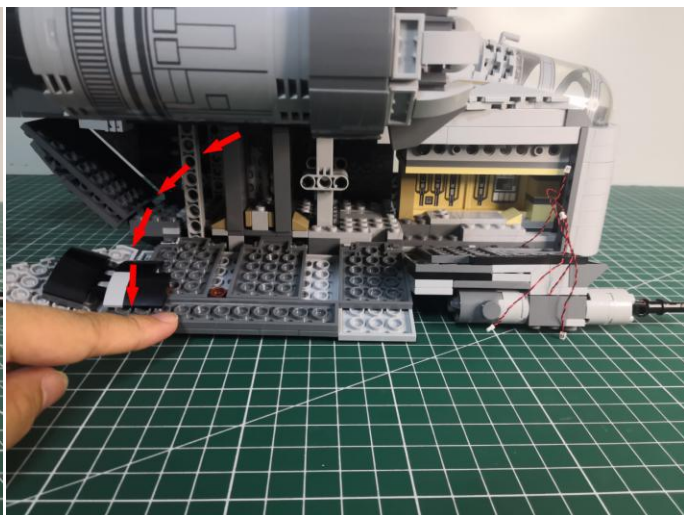
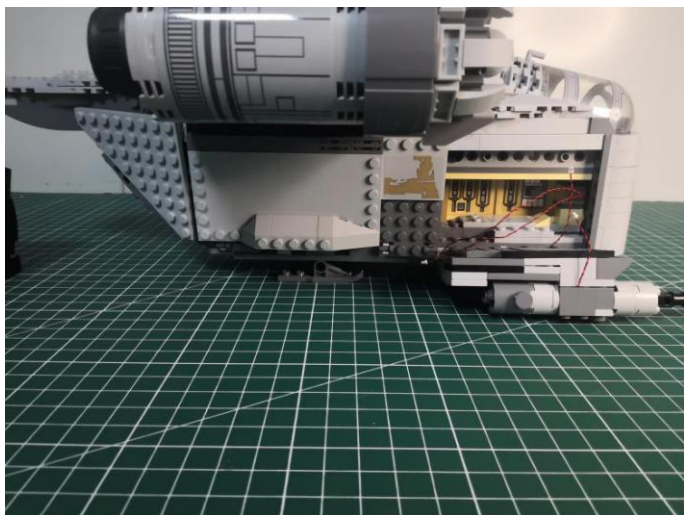
Pull the following piece out a bit.



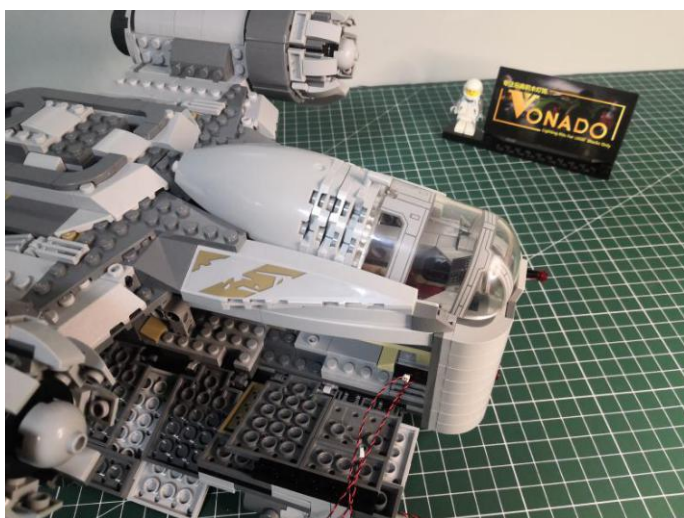
Wind the cable as per below, tighten the cable up, reconnect the piece.



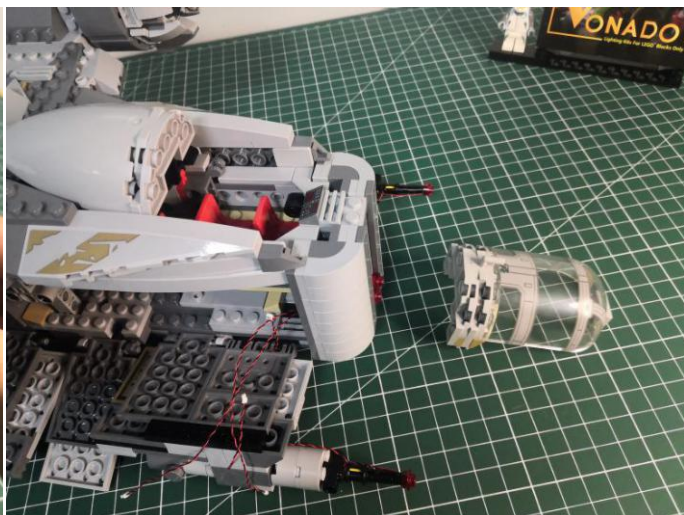
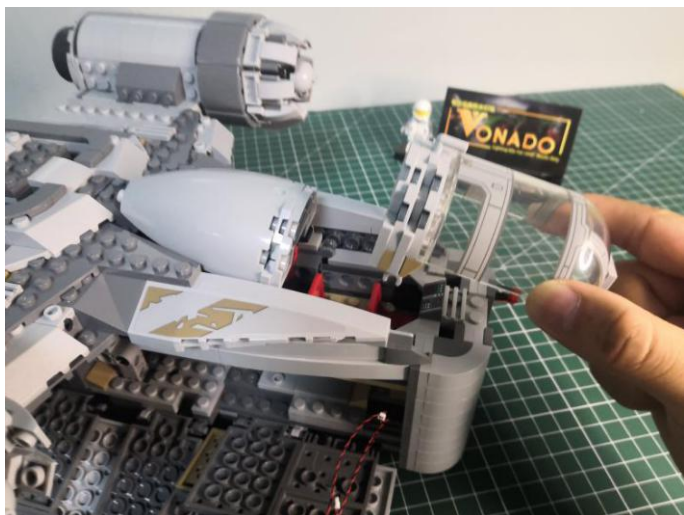
Turn to the right side, and open the door.

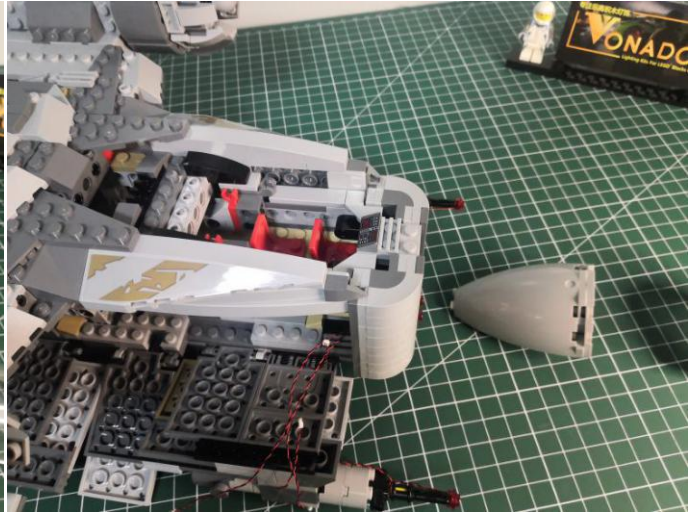
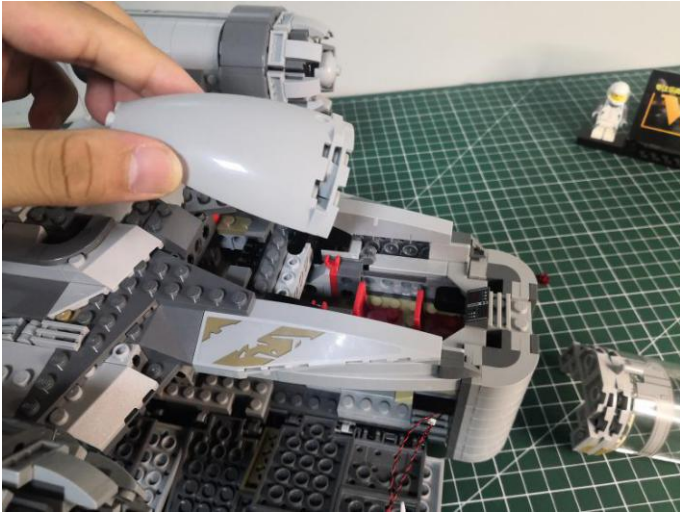


Turn to the head.



Remove the following pieces.

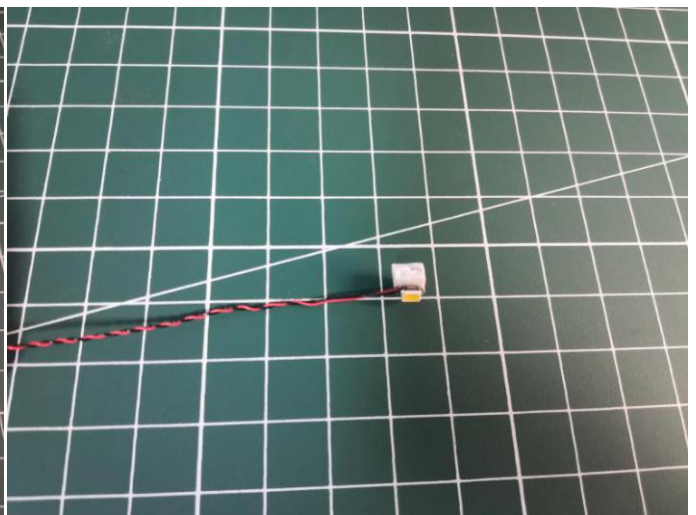
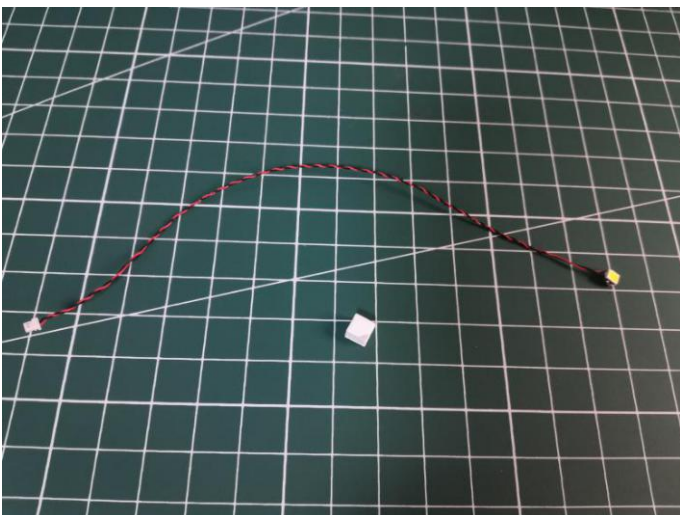




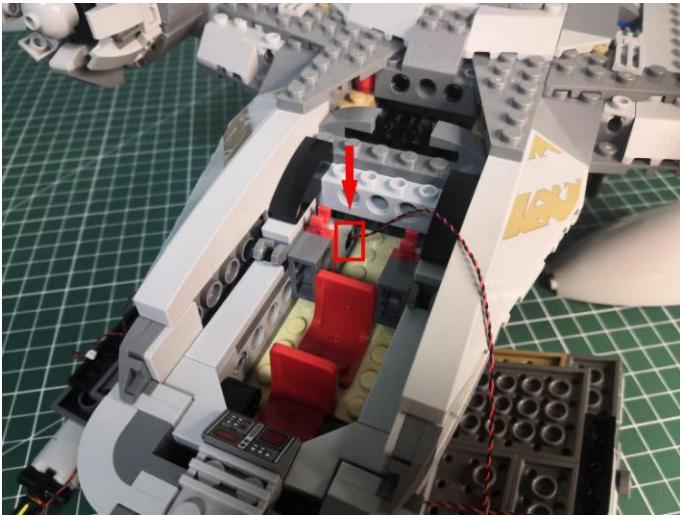
Turn to the head.



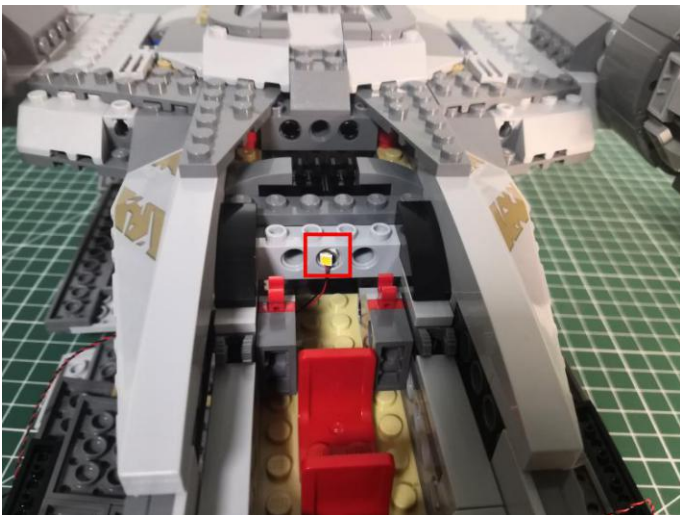
Take a 15cm head light, an adhesive square, stick the adhesive square to the back of the light.



Thread the cable through the following space, pull the cable out.



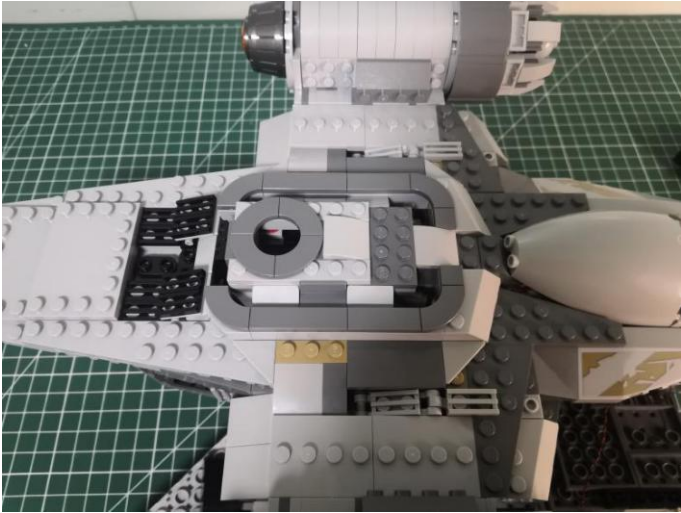
With lighting part facing out, secure the light to the following place.



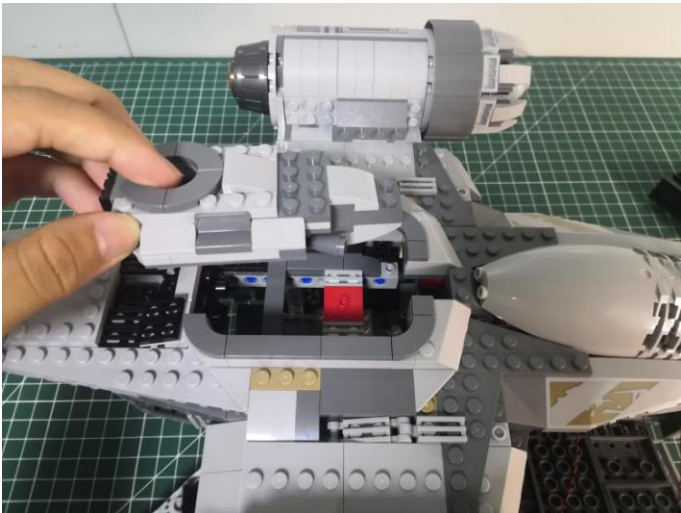
Reconnect the following piece.



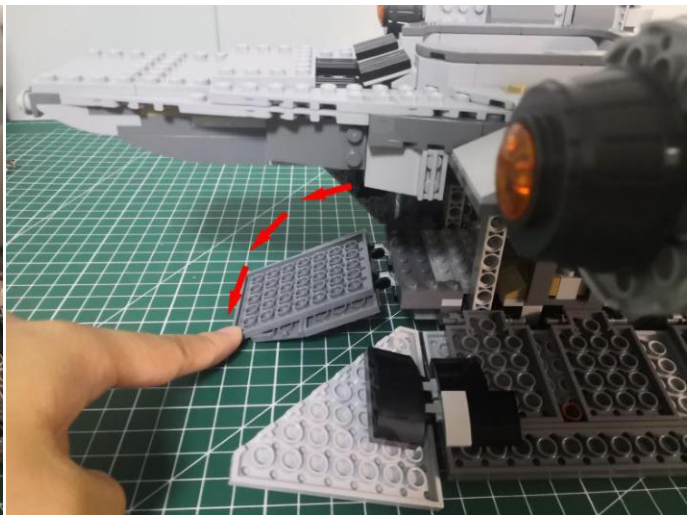
Turn to the center of the roof.



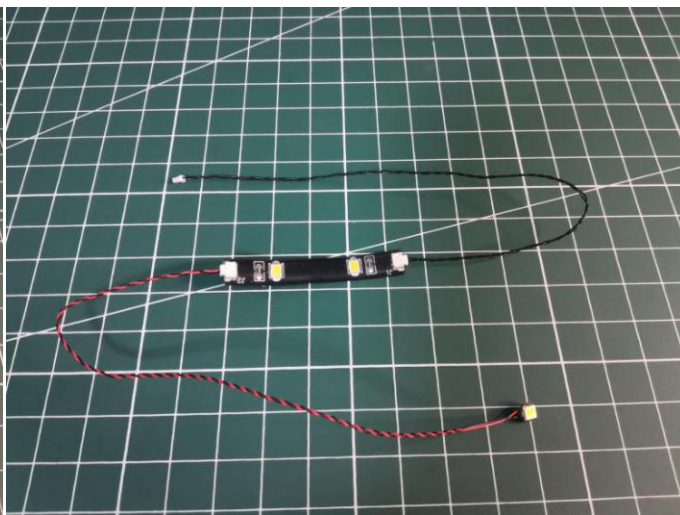
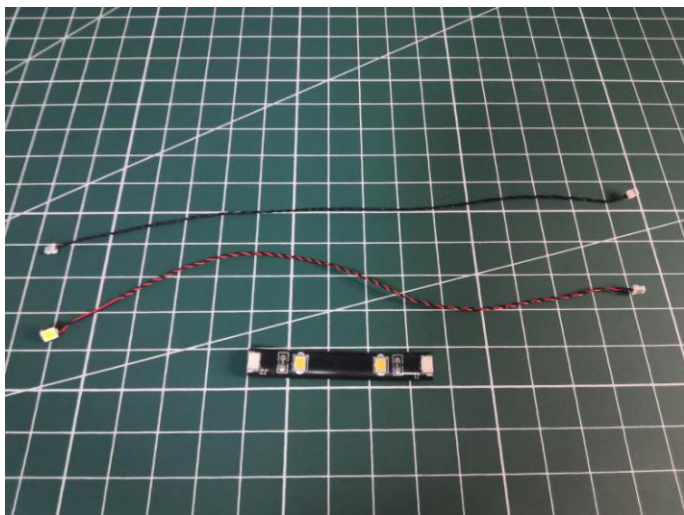
Remove the piece as per below.



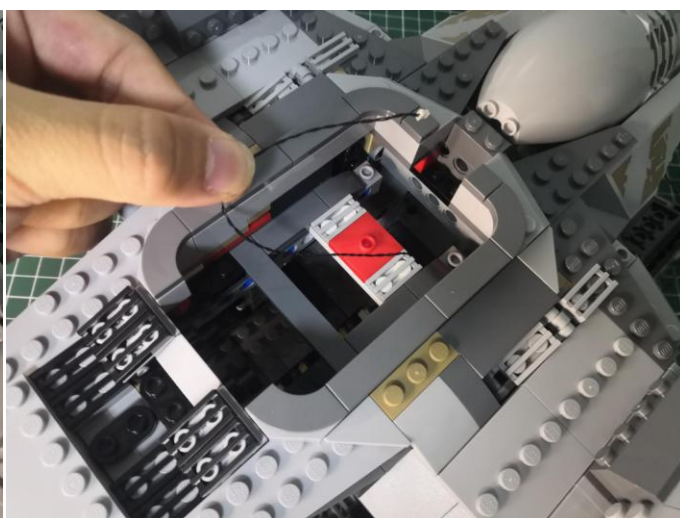
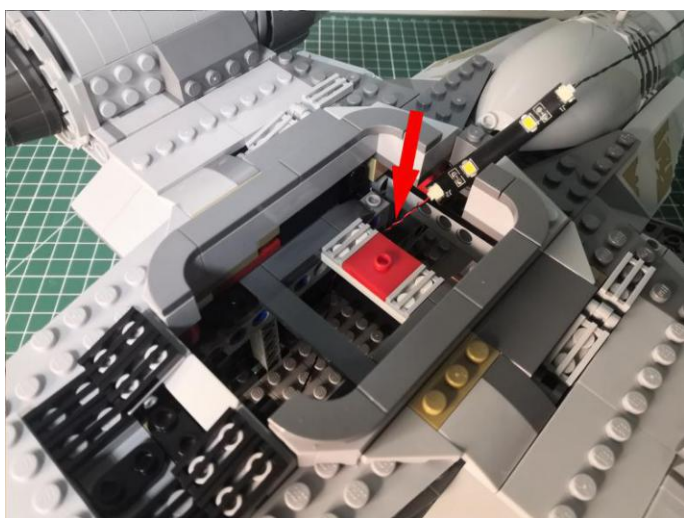
Turn to the tail, and open the following piece.



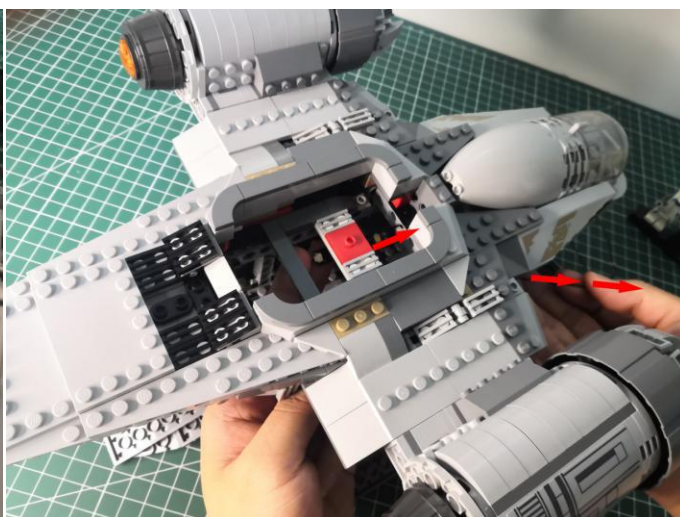
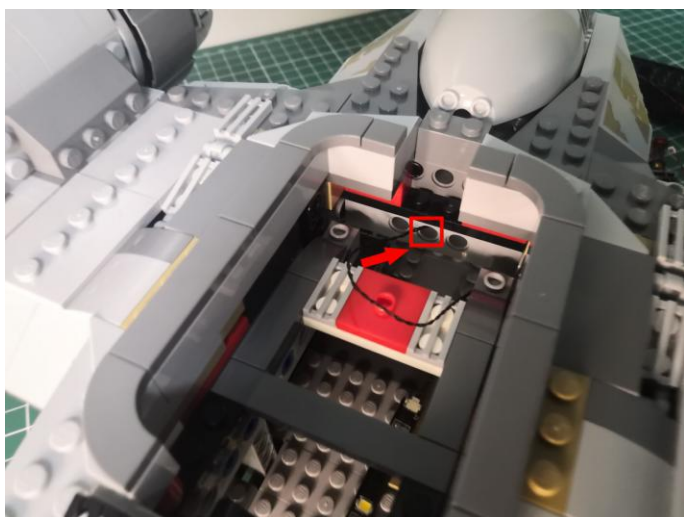
Take a warm white strip light, 15cm head light, a 15cm connecting cable, assemble them as per below.



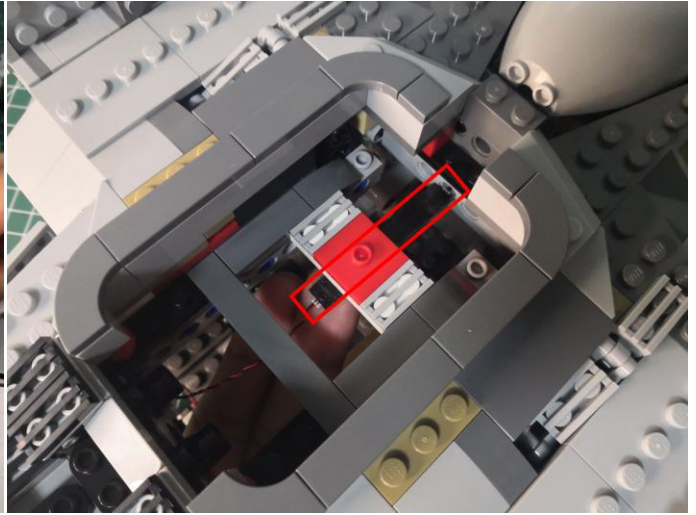
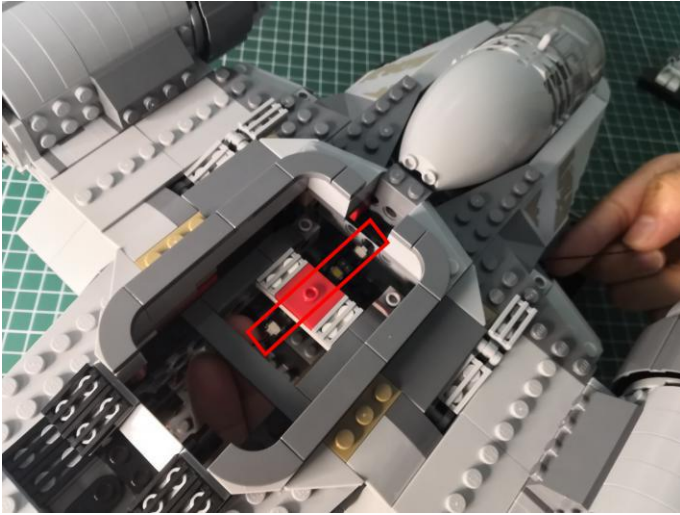
Place the head light and the strip light inside the cabin, leave part of the cable outside.



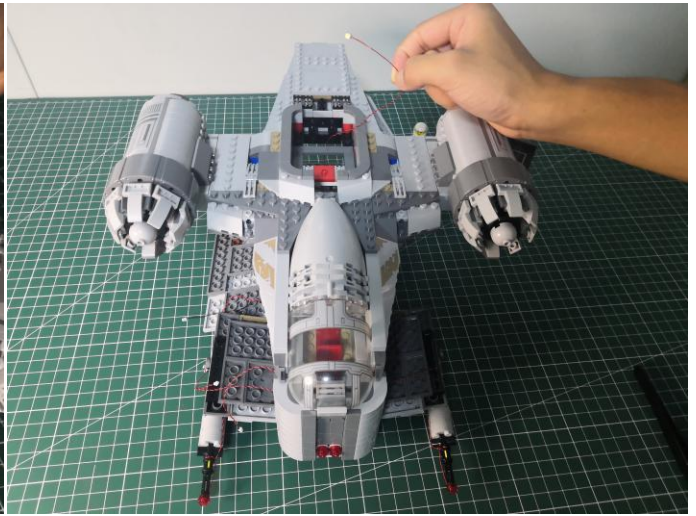
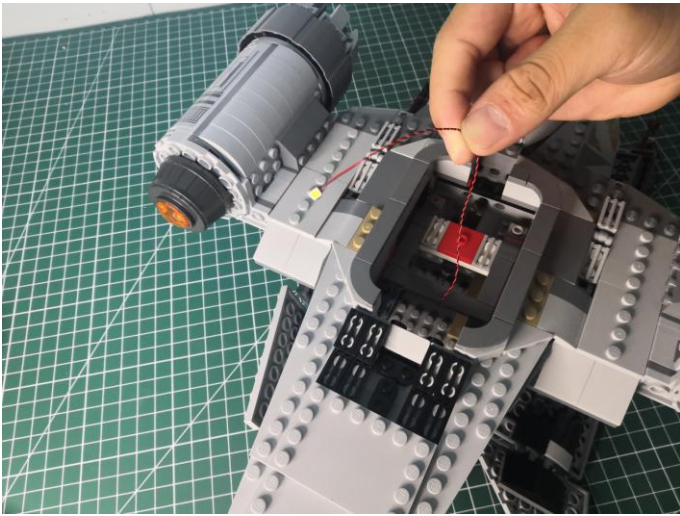
Thread the cable through the following space, pull the cable out from the right side of the head.



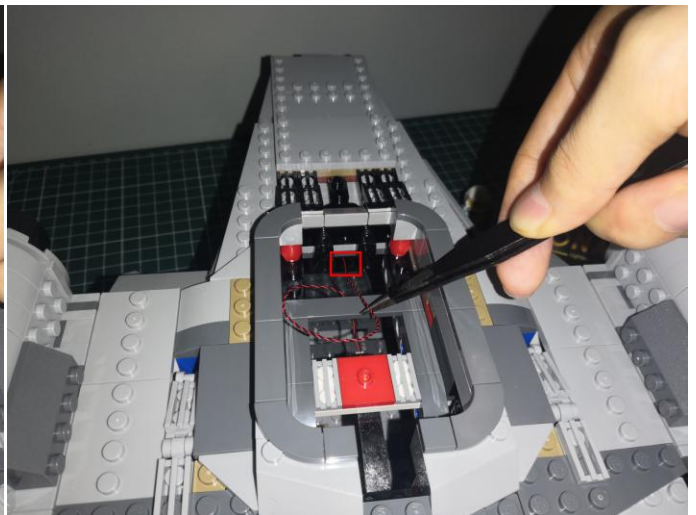
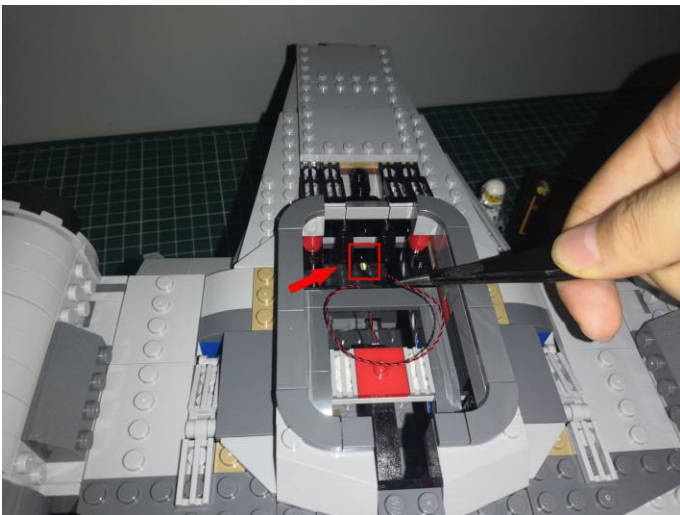
With lighting part facing down, stick the warm white strip light to the following place.

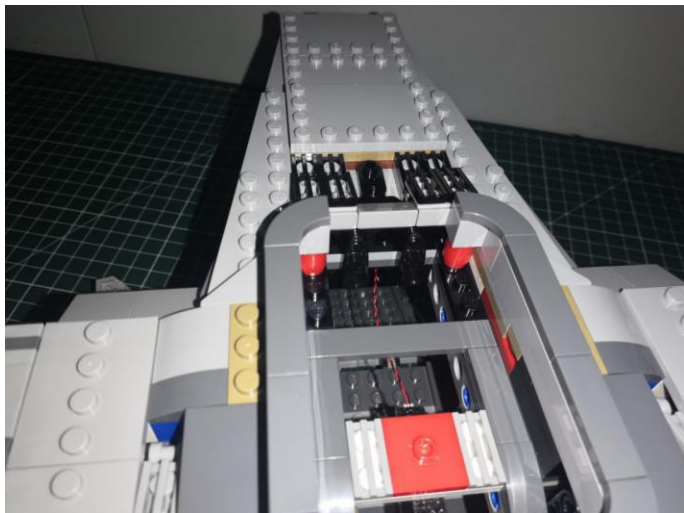


Take the head light out from the following place, turn to the front.



Thread the head light through the following hole, pull it out from the back with the tweezer.

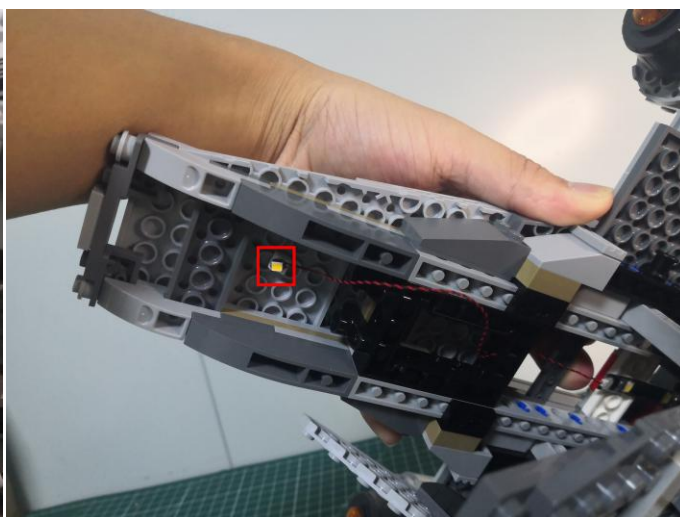




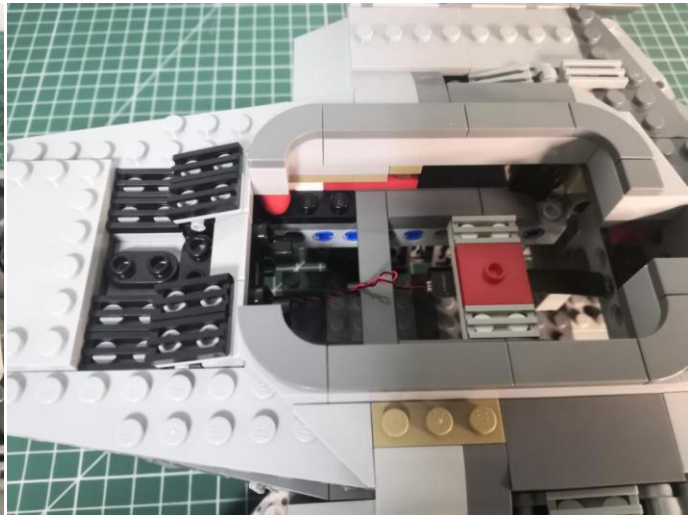
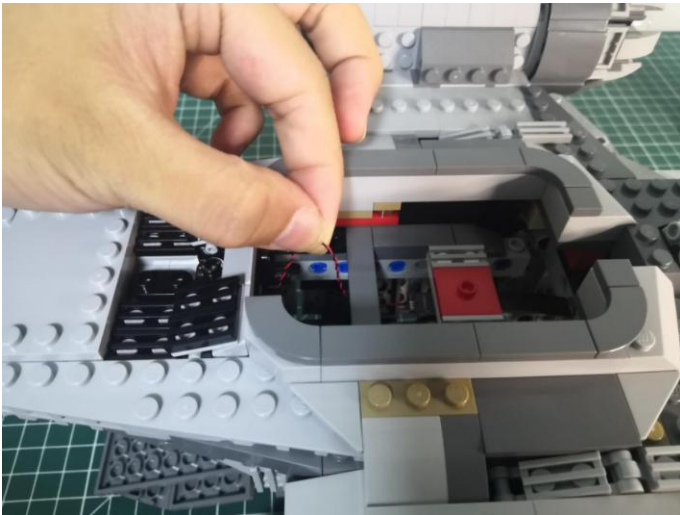
Take an adhesive square, and stick it to the back of the head light.



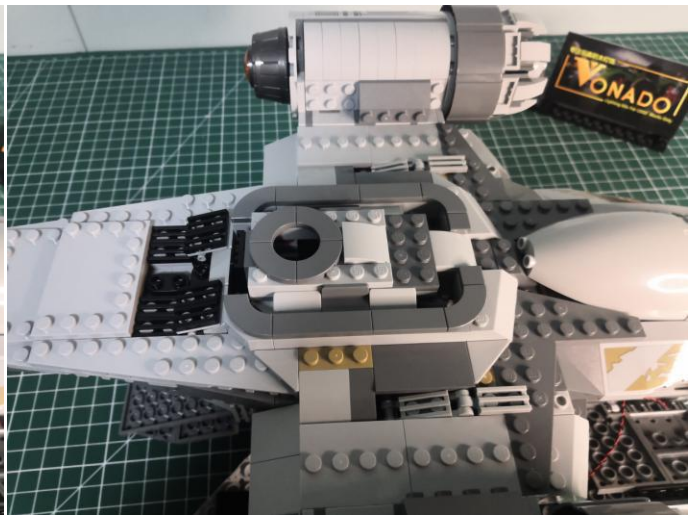
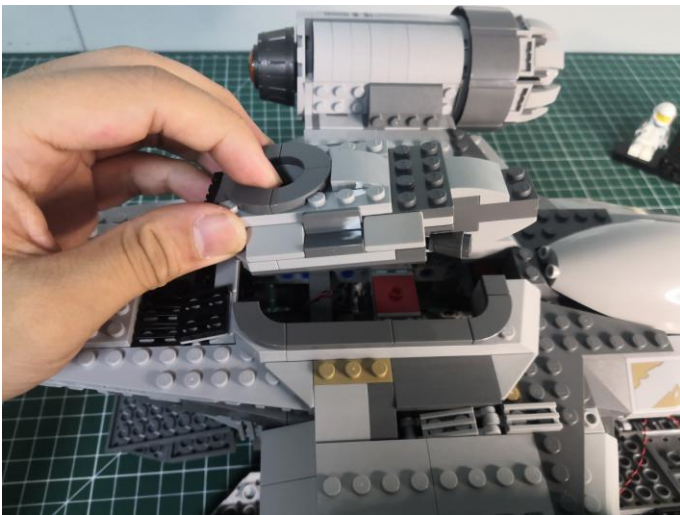
Stick the head light to the ceiling of the tail part as per below.



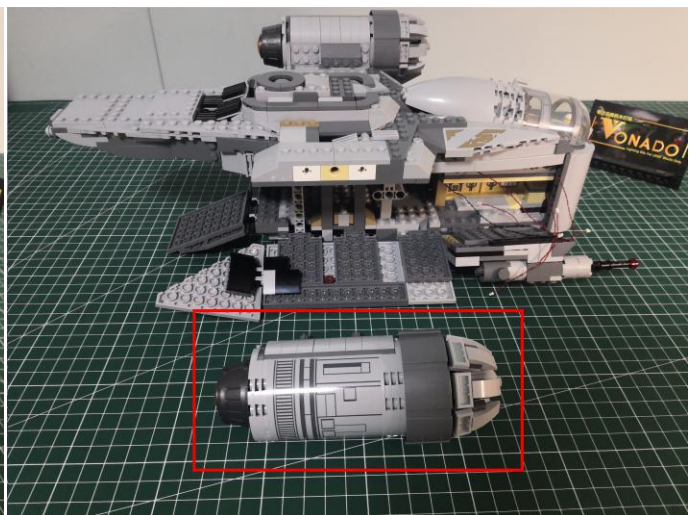
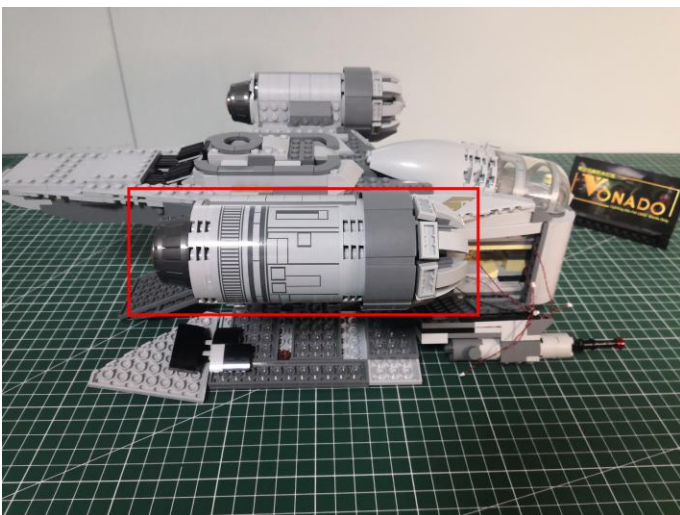
Turn to the center at the roof, tuck excess cables of the head light as per below.



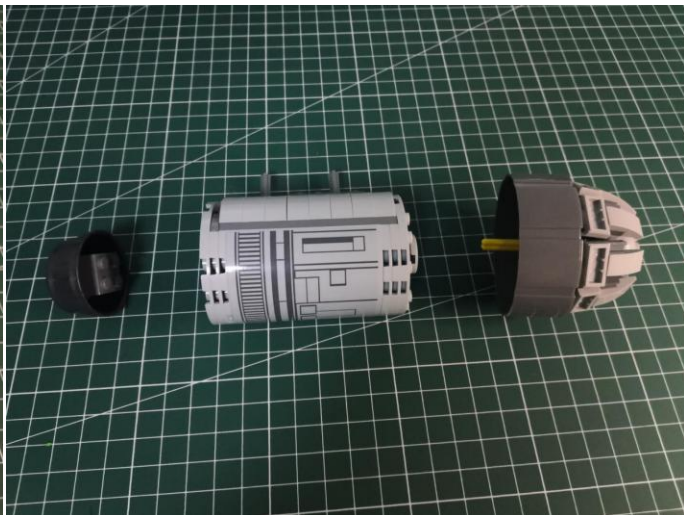
Reconnect the following piece.



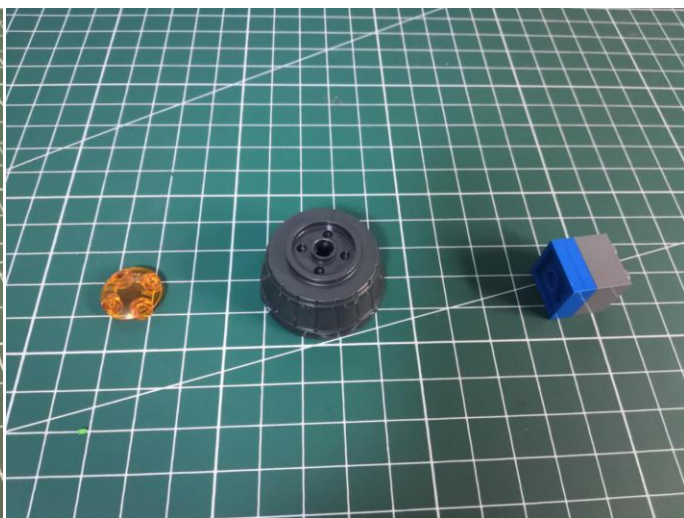
Remove the engine piece.



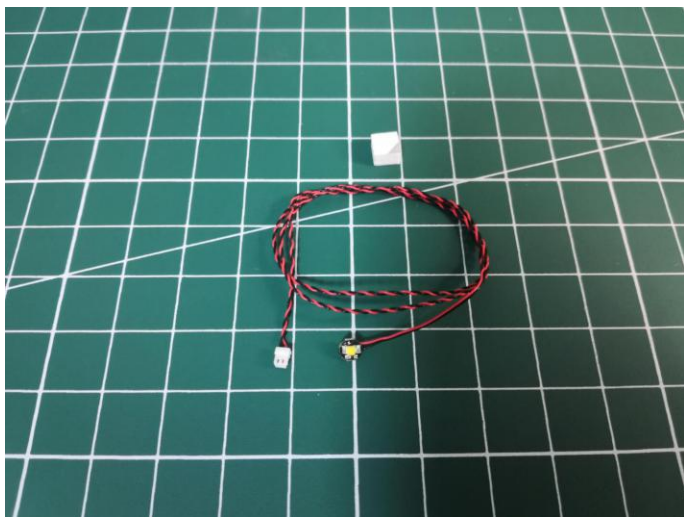
Disassemble it as per below.



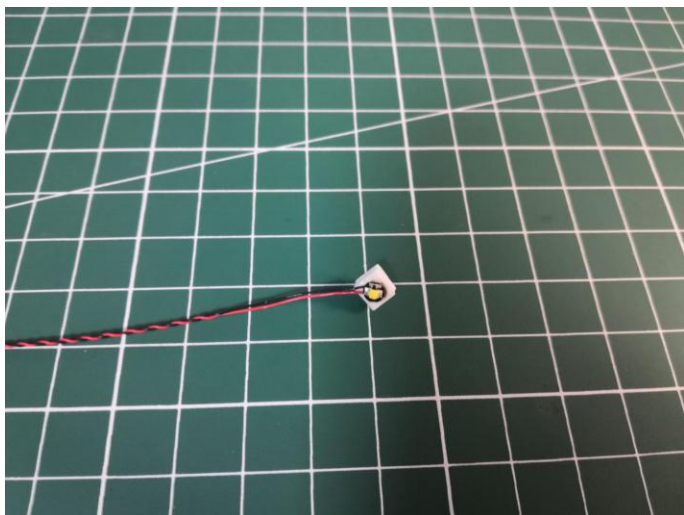
Take the following piece and disassemble it.



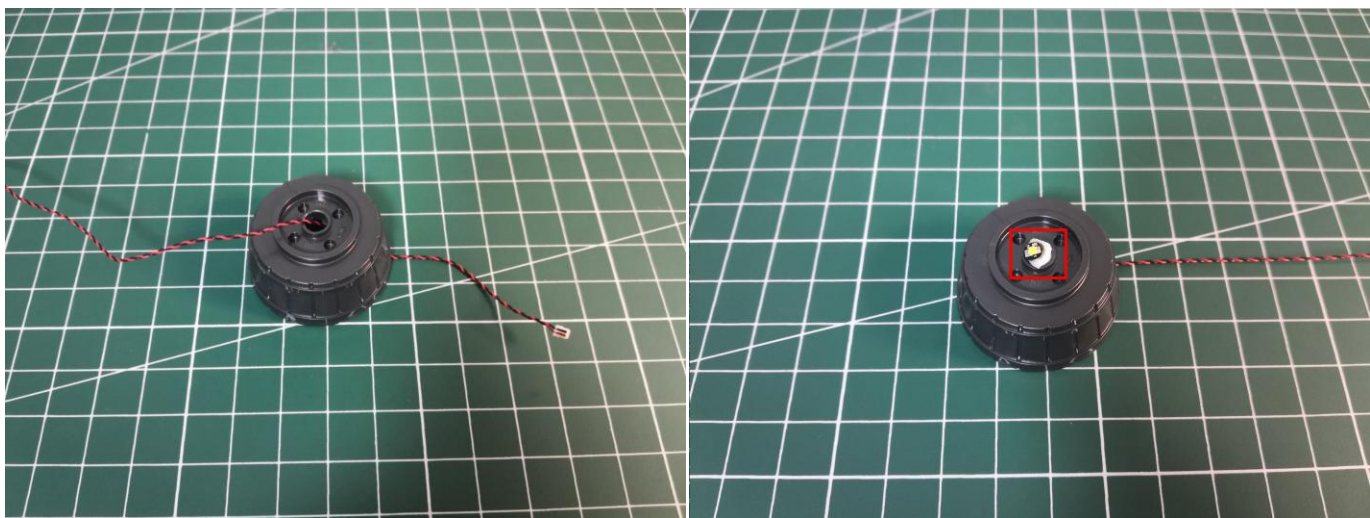
Take a 30cm warm white dot light, an adhesive square.



Stick the adhesive square to the back of the light.



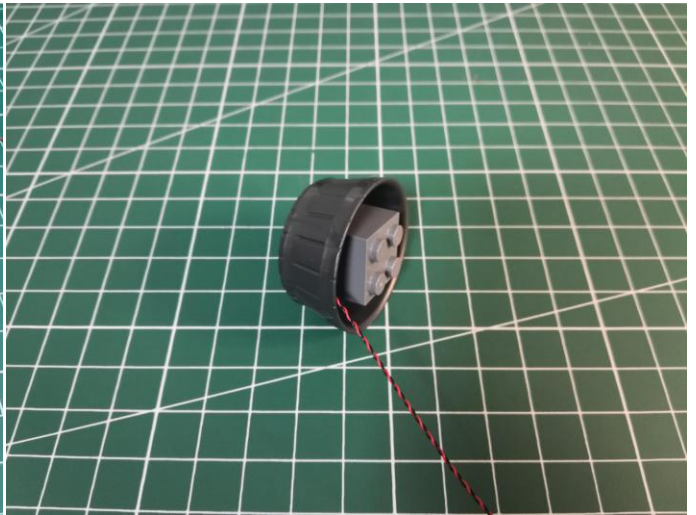
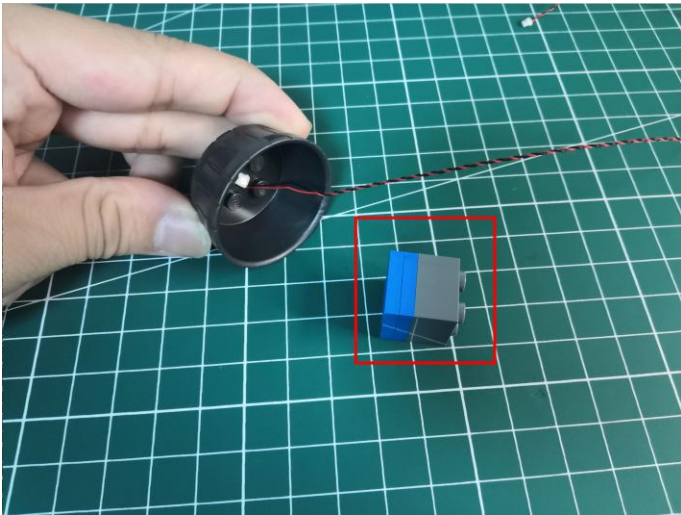
With lighting part facing up, thread the cable through the following piece, tighten the cable up.



Reconnect the orange round plate.



Reconnect the following piece.



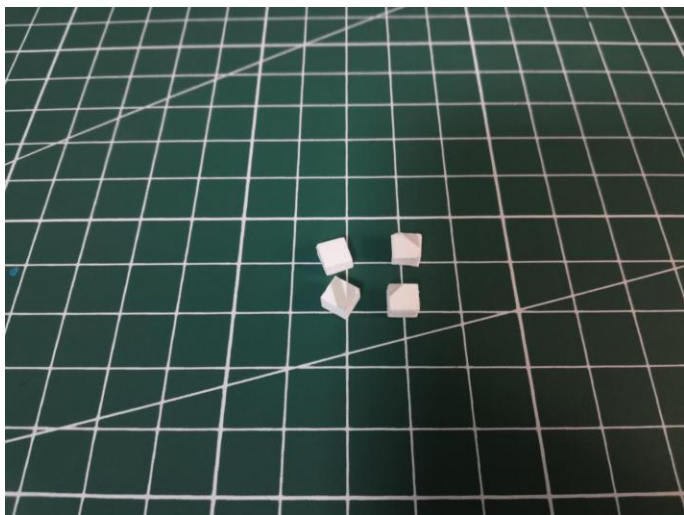
Reconnect this piece back to the engine.



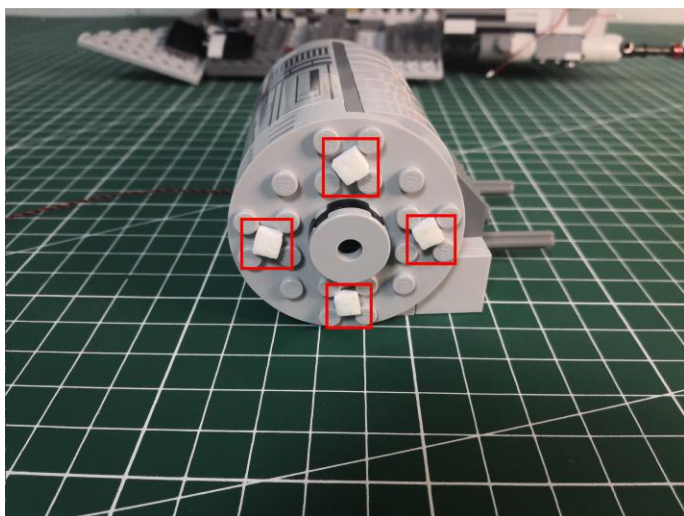
Turn the engine to the following direction.



Take 4 adhesive squares.



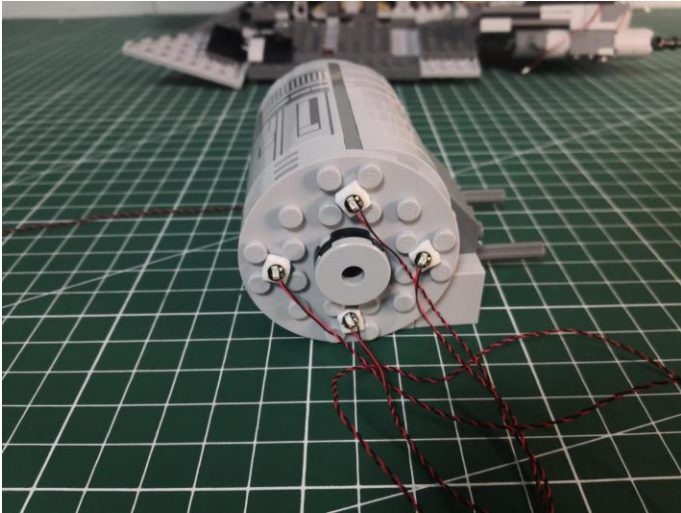
Stick them to the engine as per below.



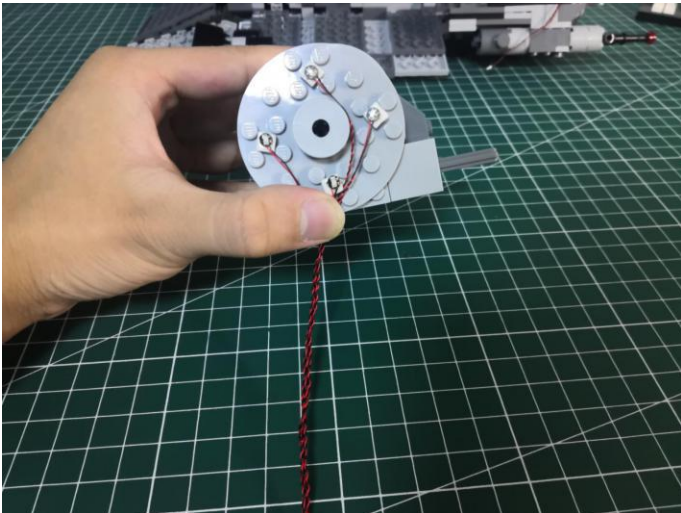
Take 4 blue 30cm dot lights.



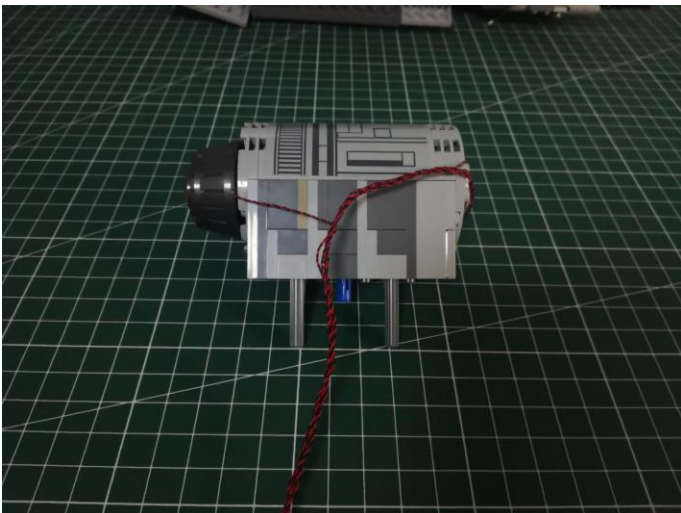
With lighting part facing up, stick the lights to the adhesive squares as per below.



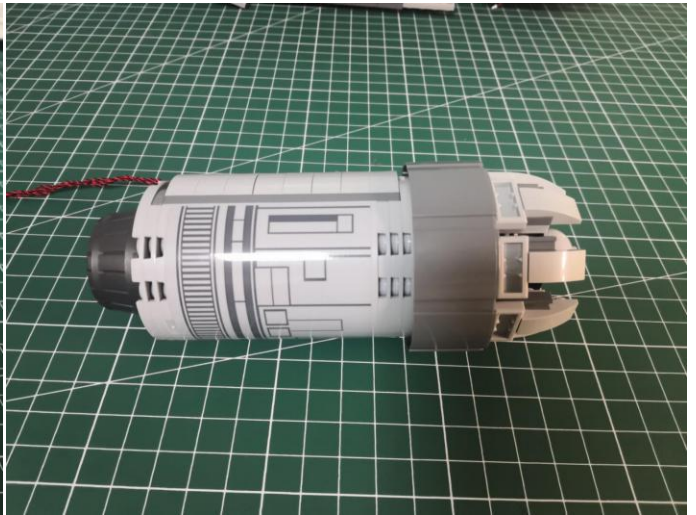
Press the cables, and group the cables together.



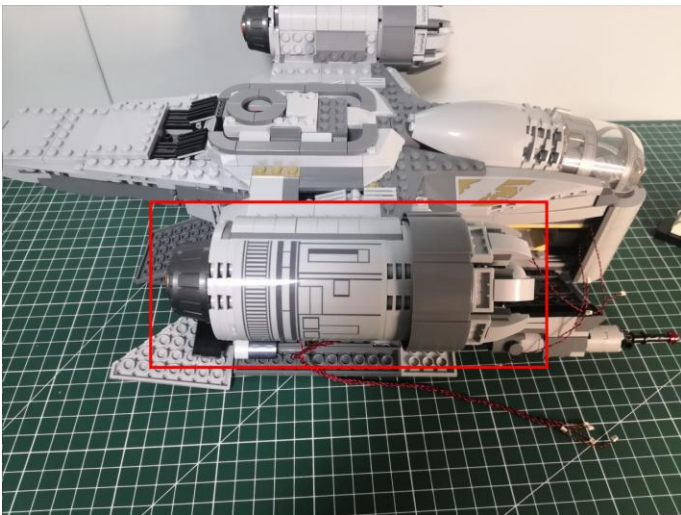
Group the cables from both sides of the engine together.



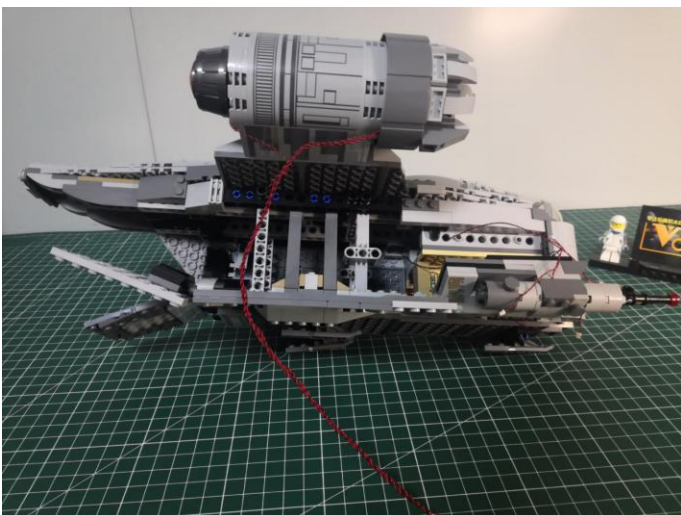
Reconnect the front piece to the engine.



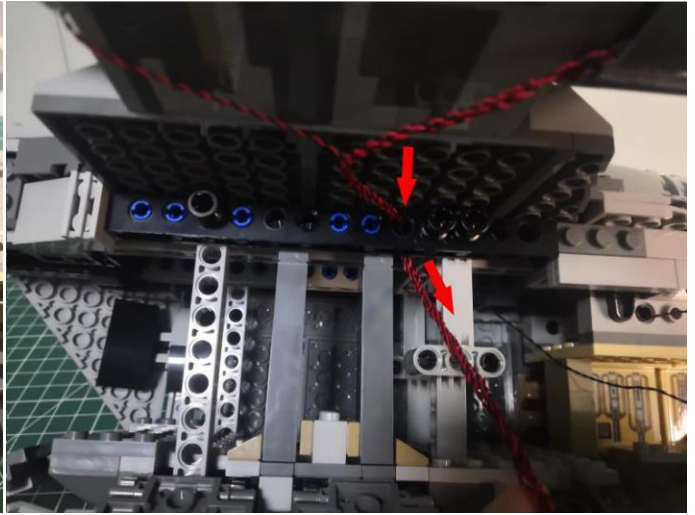
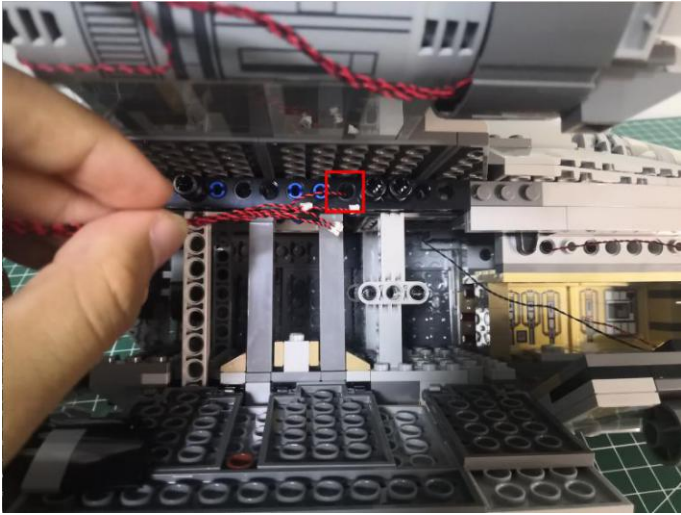
Reconnect the engine.



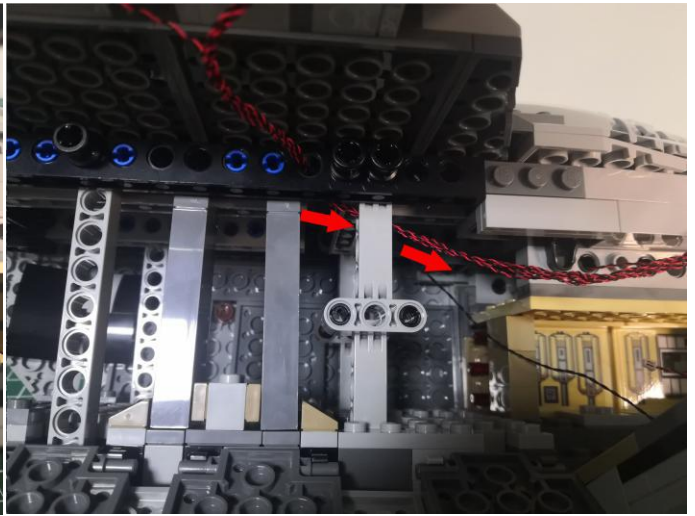
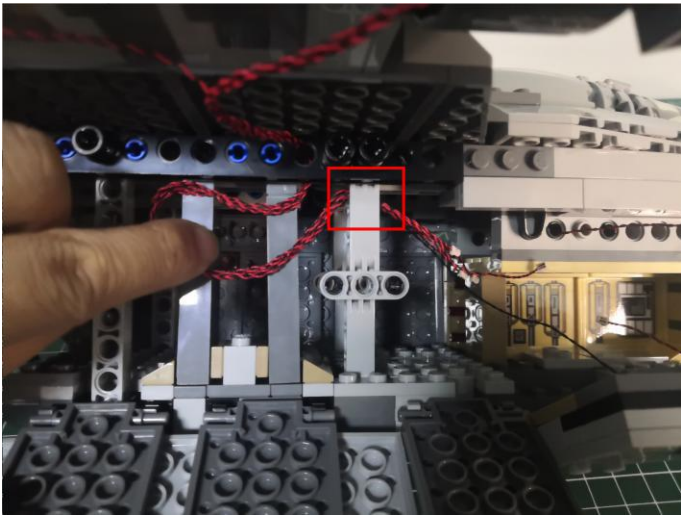
Turn the spaceship over.



Thread the cables through the following hole, tighten the cables up.



Thread the through the following space and tighten them up.



Turn to the other side.



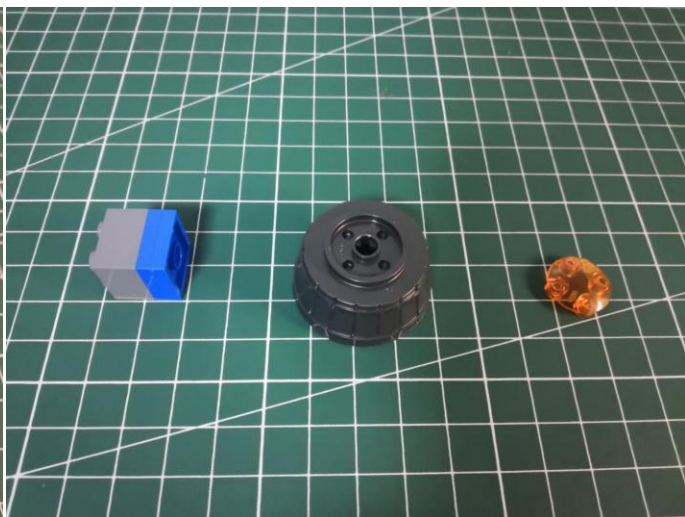
Remove the engine.



Disassemble it.



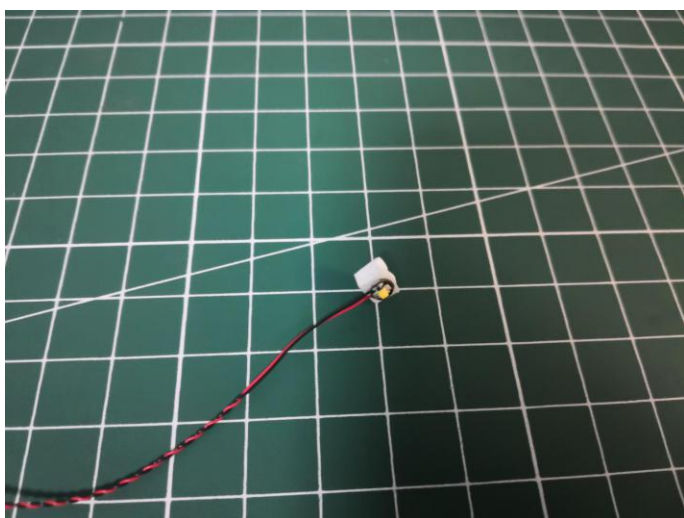
Take the following piece and disassemble it.



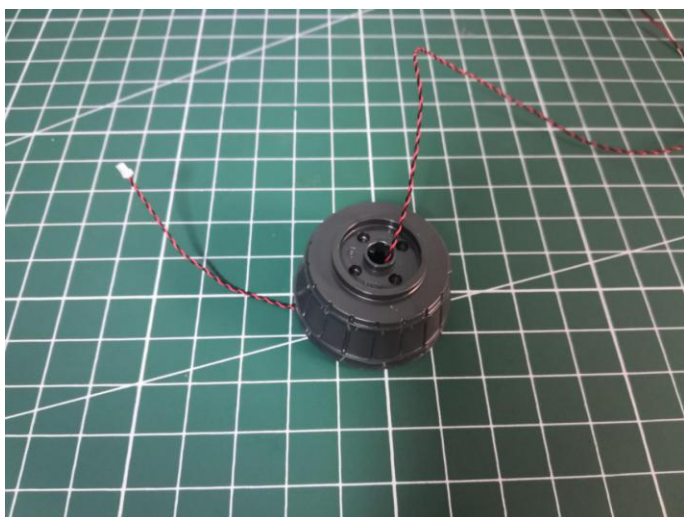
Take a 30cm warm white dot light, an adhesive square.



Stick the adhesive square to the back of the light.



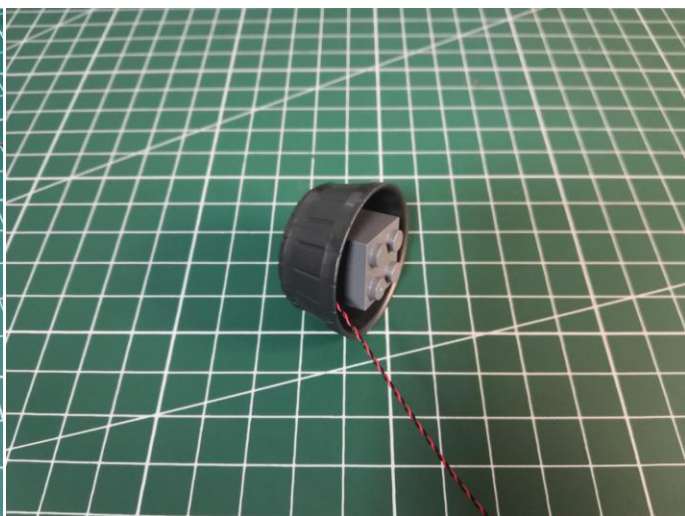
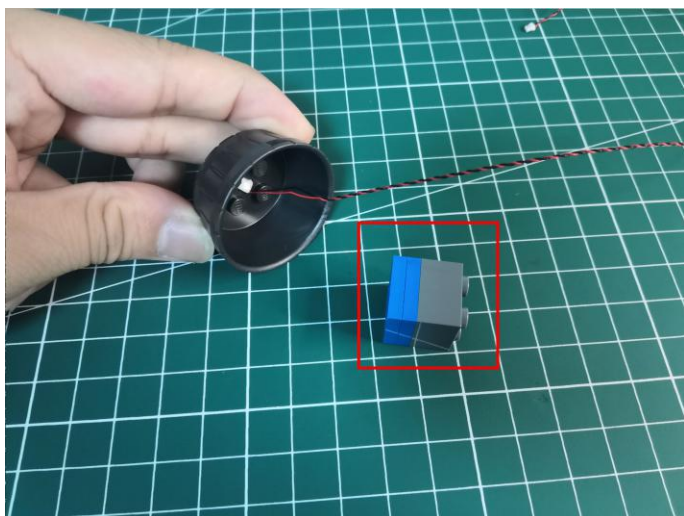
With lighting part facing up, thread the cable through the following piece, tighten the cable up.



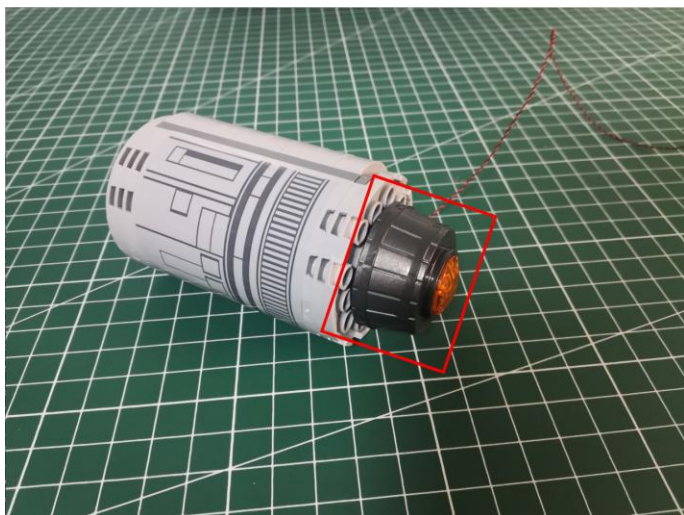
Reconnect the orange round plate.



Reconnect the following piece.



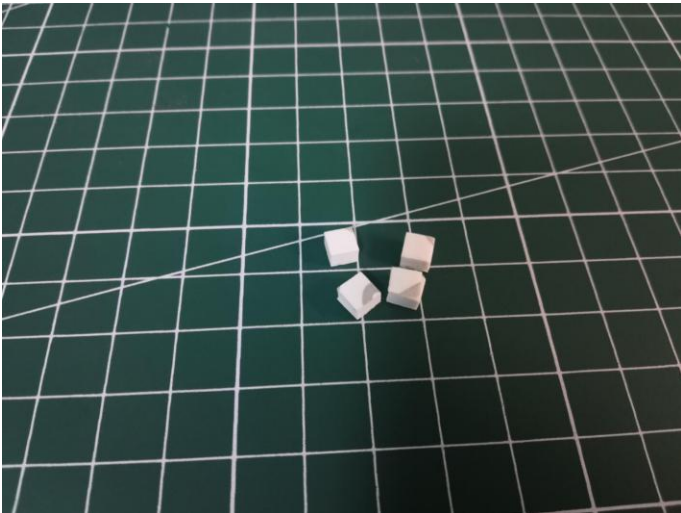
Reconnect it to the engine.



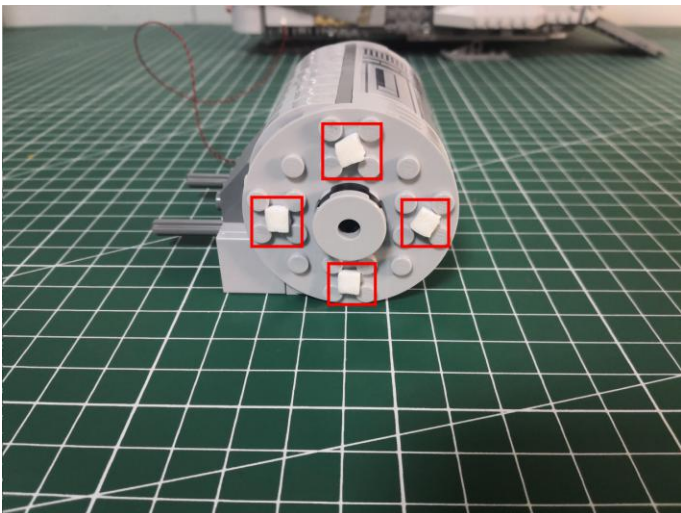
Turn the engine to the following direction.



Take 4 adhesive squares.



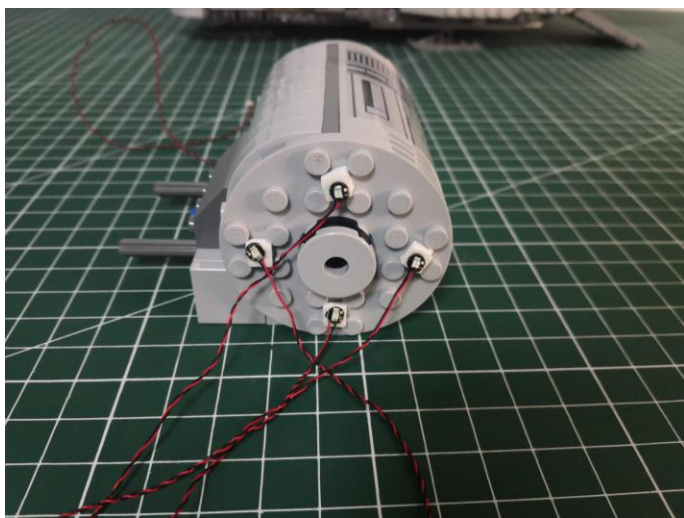
Stick them to the engine as per below.



Take 4 blue 30cm dot lights.



With lighting part facing up, stick the lights to the adhesive squares as per below.



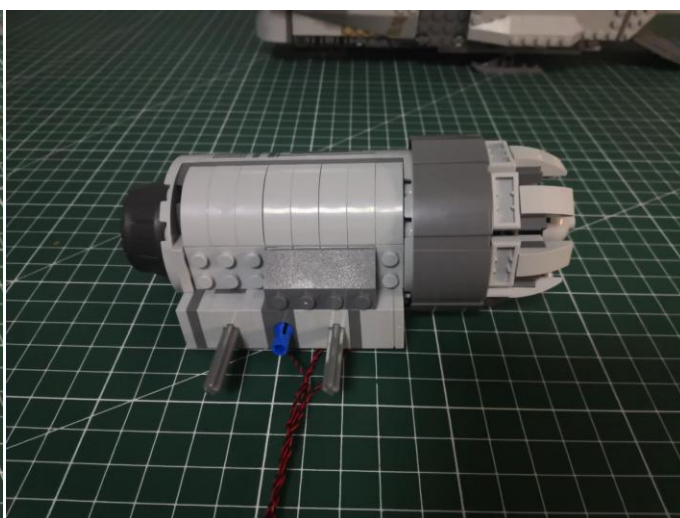
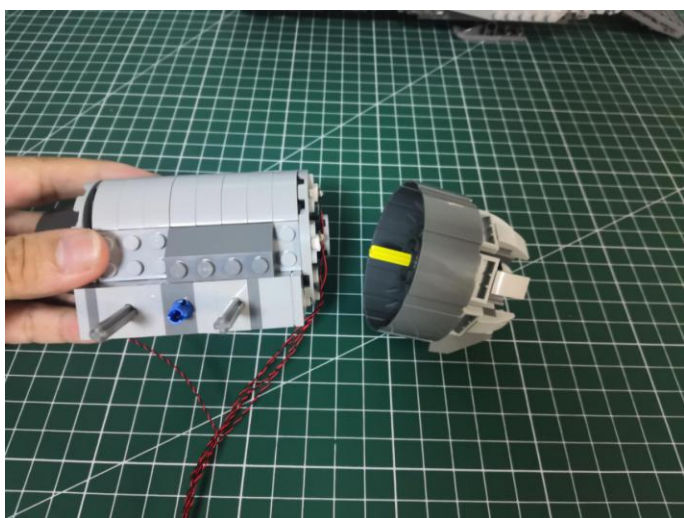
Press the cables, and group the cables together.



Group the cables from both sides of the engine together.



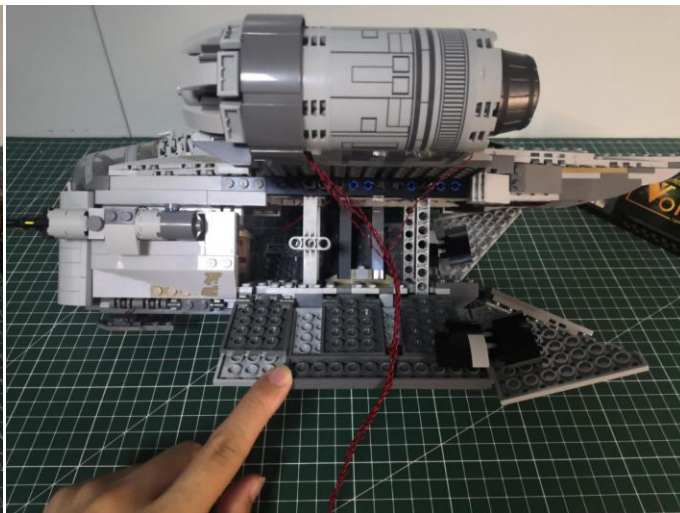
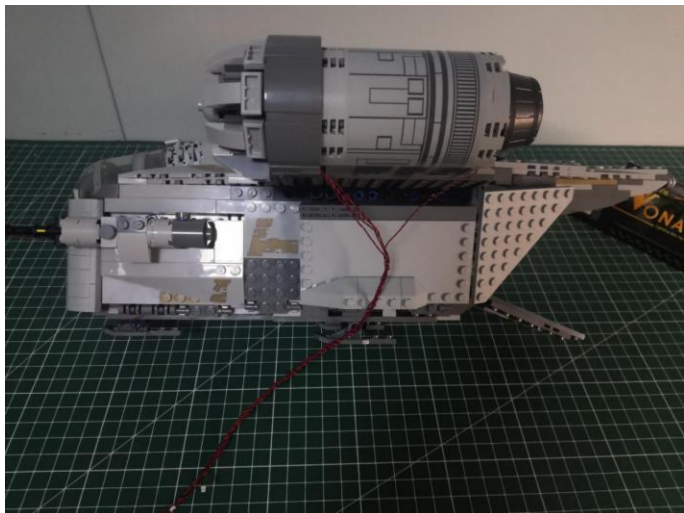
Reconnect the front piece to the engine.



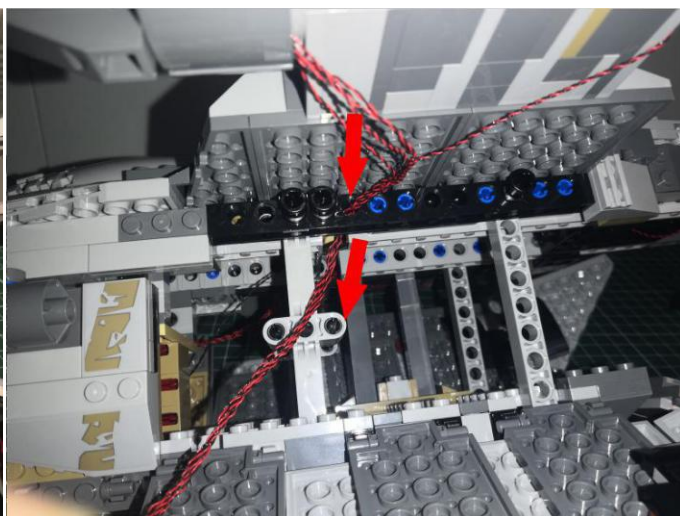
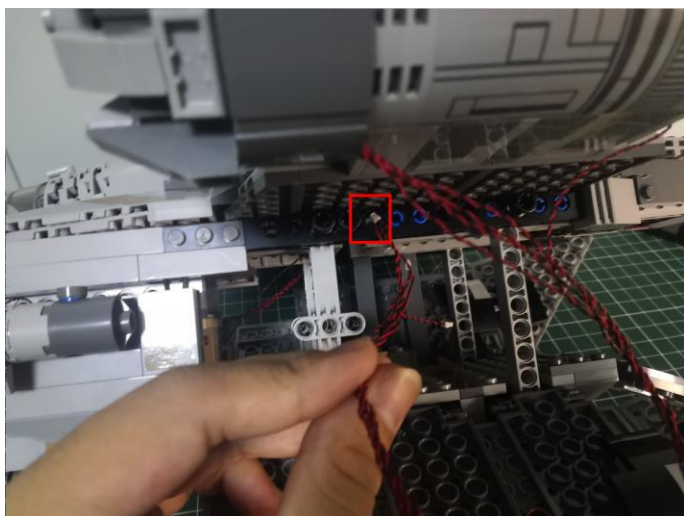
Reconnect the engine.



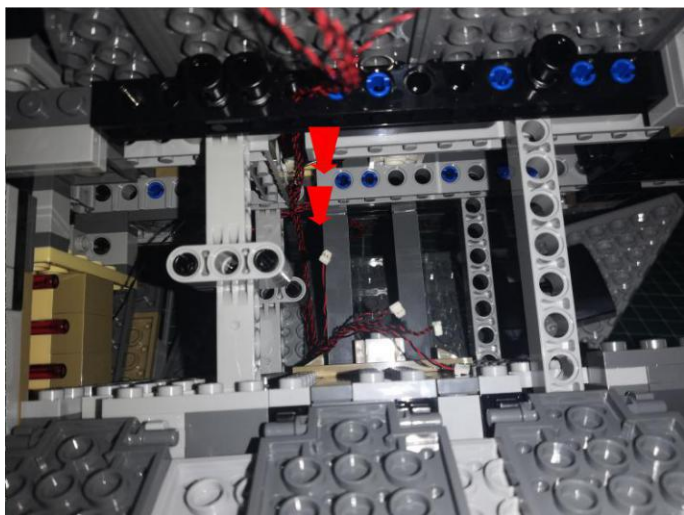
Turn the spaceship over, open the door.



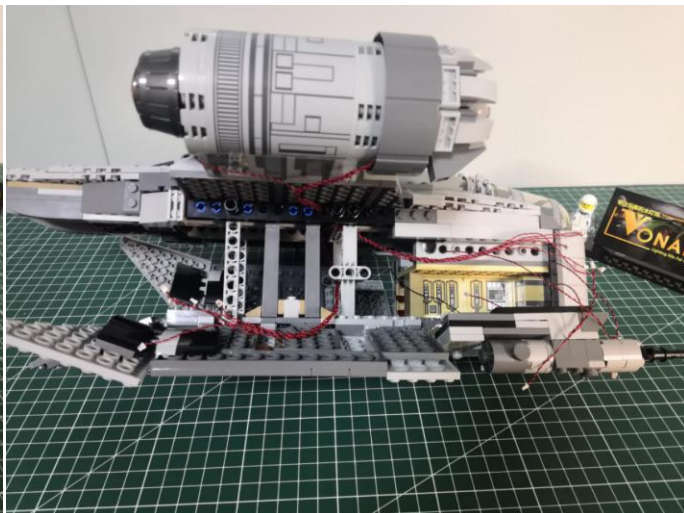
Thread the cables through the following hole.



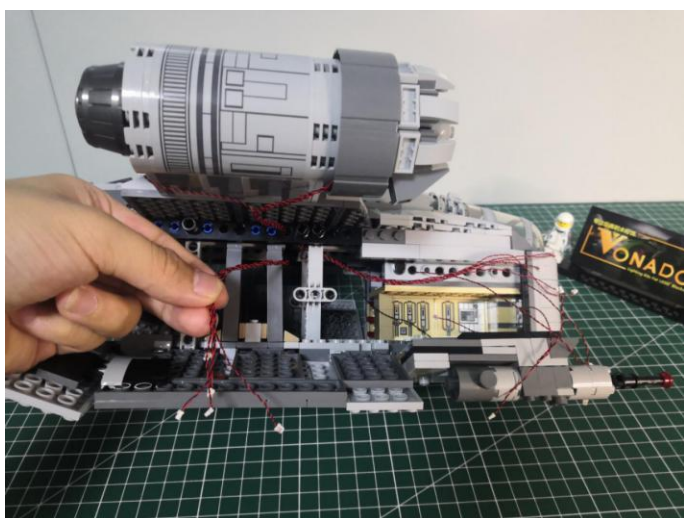
Thread the cables through to the other side.



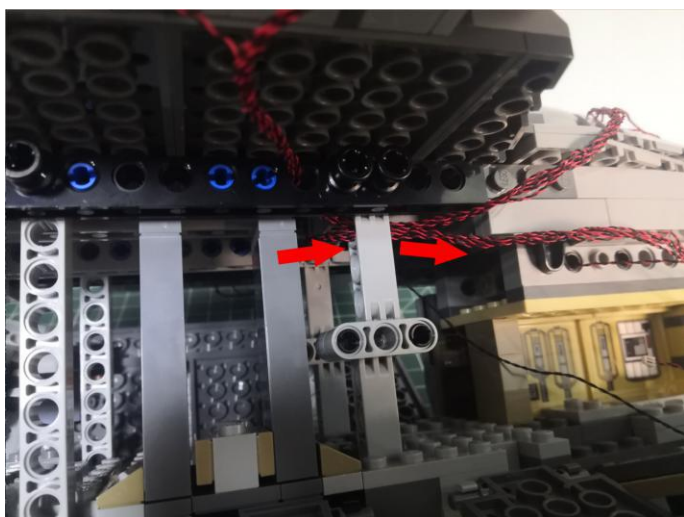
Turn to the other side, turn the spaceship over.



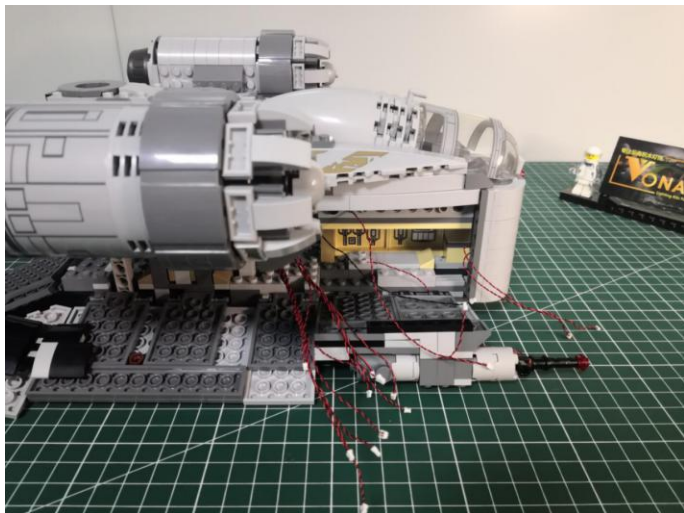
Pull the cables out.



Thread the cables through the following space.



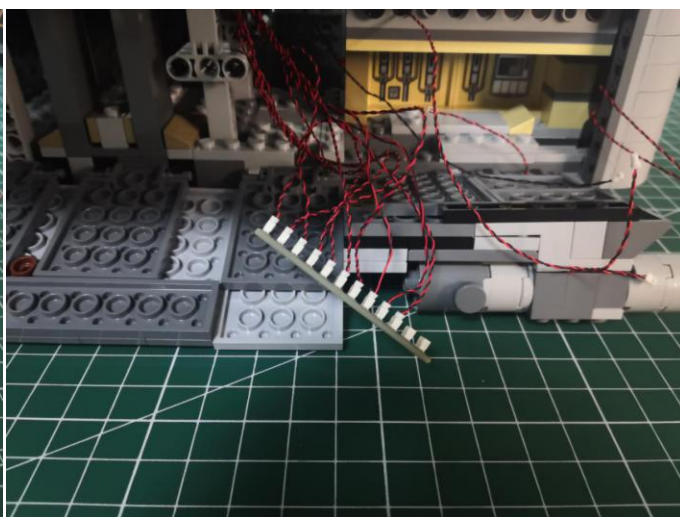
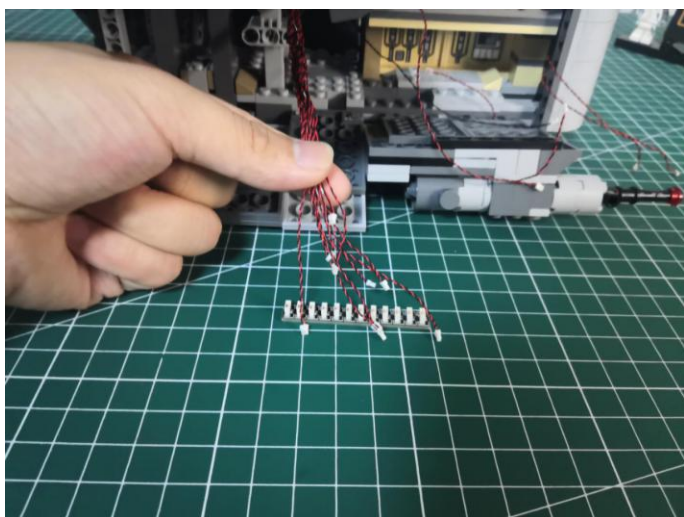
Turn the spaceship back.



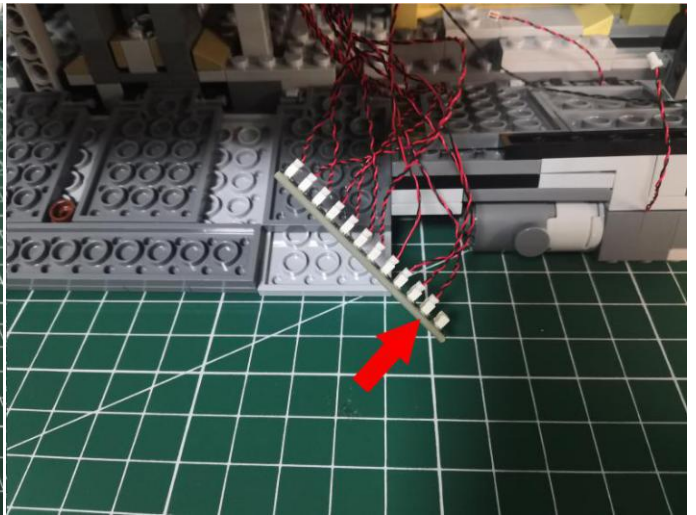
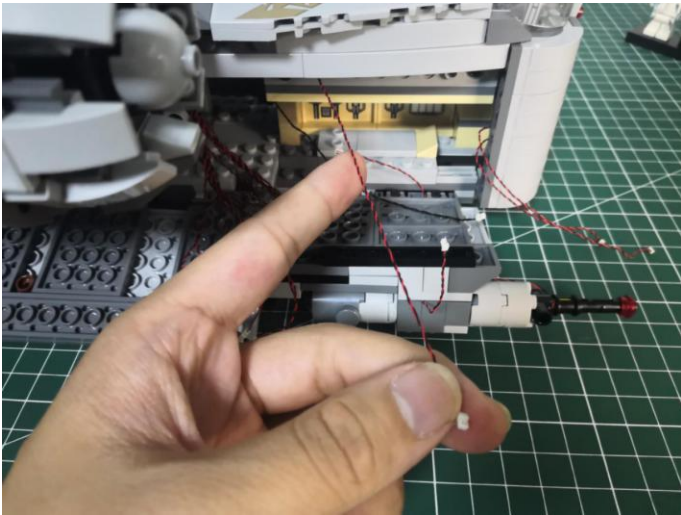
Take a 12-port Expansion Board.



Connect the cables from the engine to it.



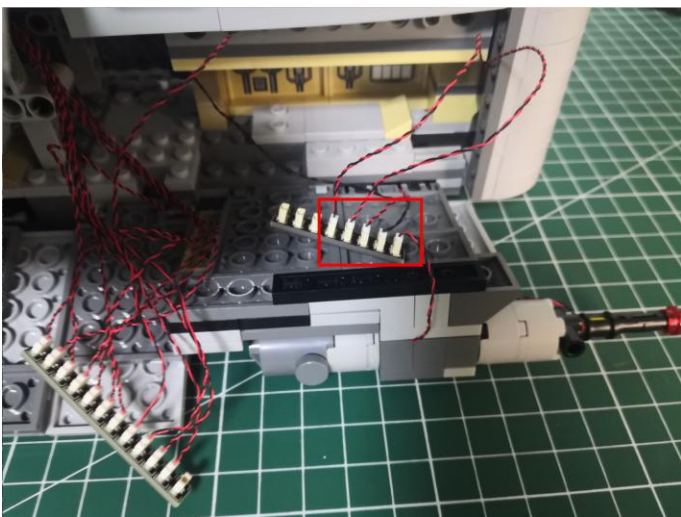
Connect the cable from the cockpit to it,



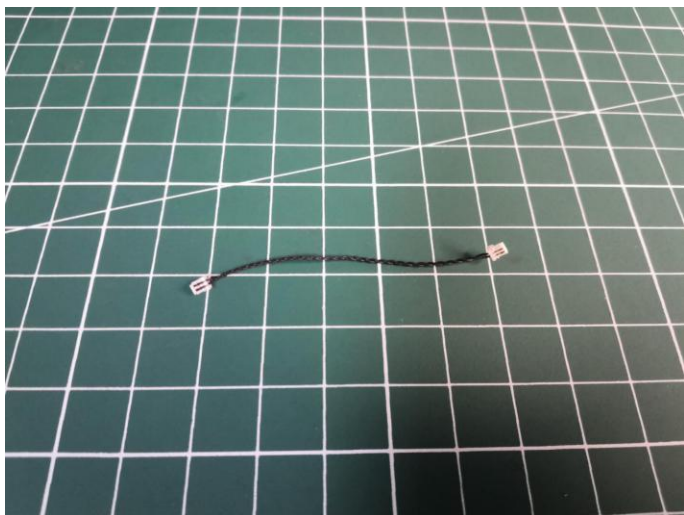
Take an 8-port Expansion Board.



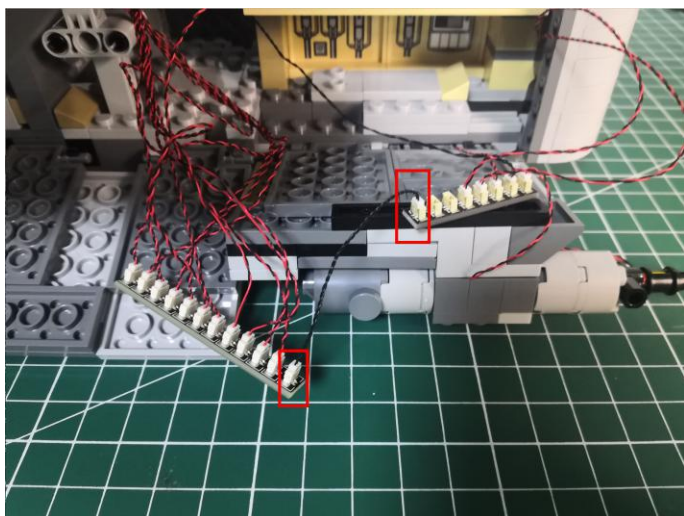
Connect the other cables to it.



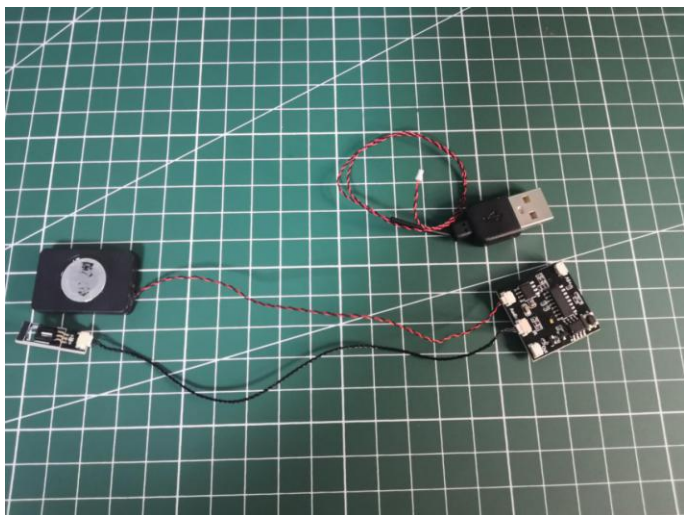
Take a 5cm connecting cable.



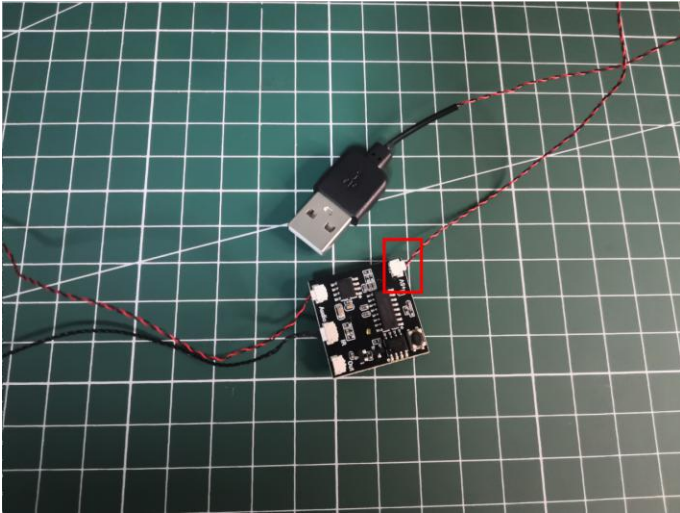
Assemble the 2 expansion boards together.



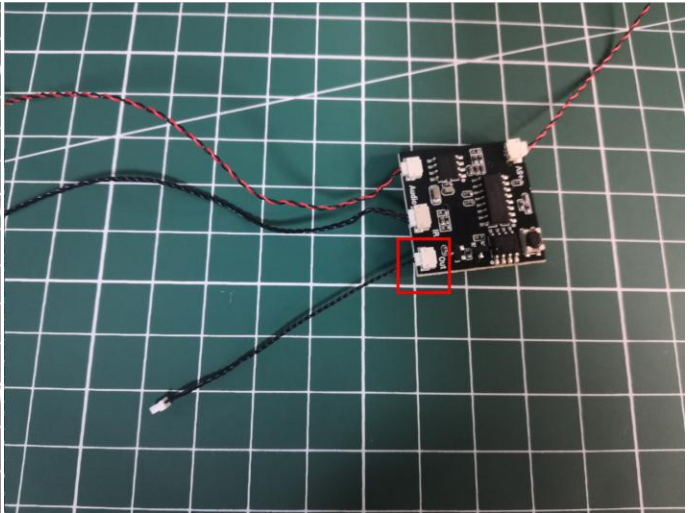
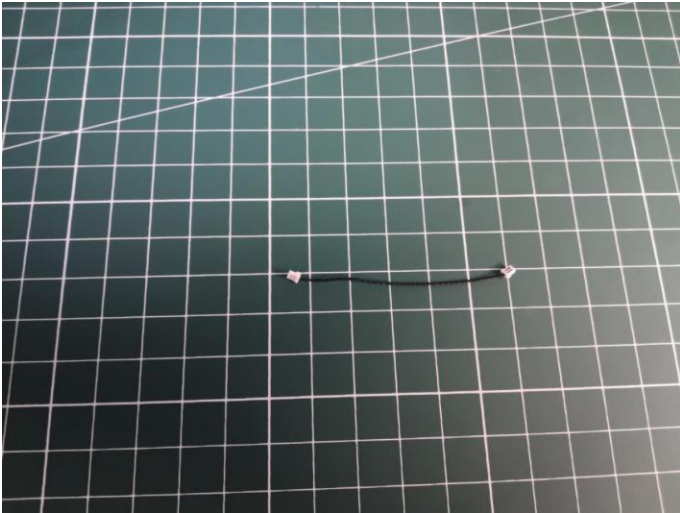
Take a Acousto-optic Control Switch Board, a USB cable.



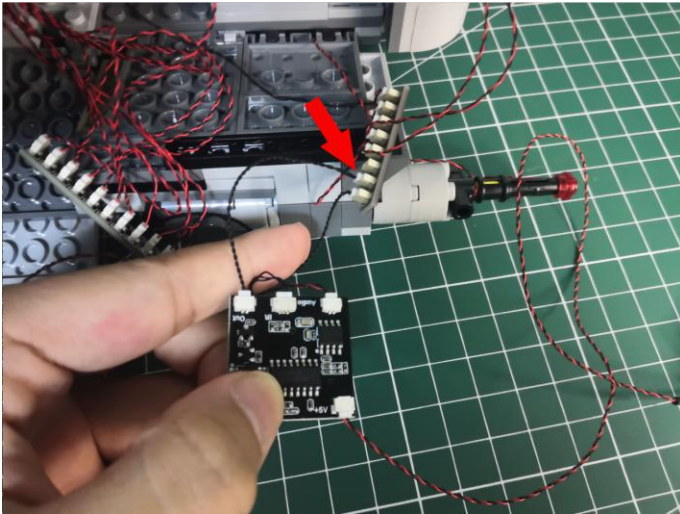
Connect the USB cable to the input port on the Acousto-optic Control Switch Board.



Take a 5cm connecting cable, connect it to the output on the Acousto-optic Control Switch Board.



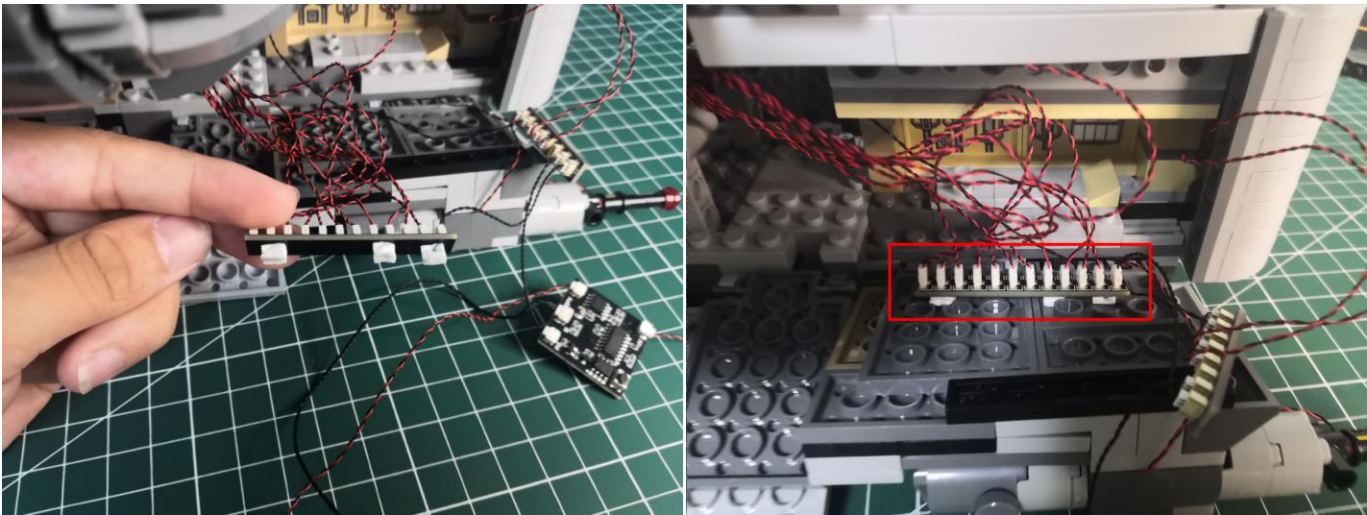
Connect the cable from the Acousto-optic Control Switch Board to the 8-port expansion board.



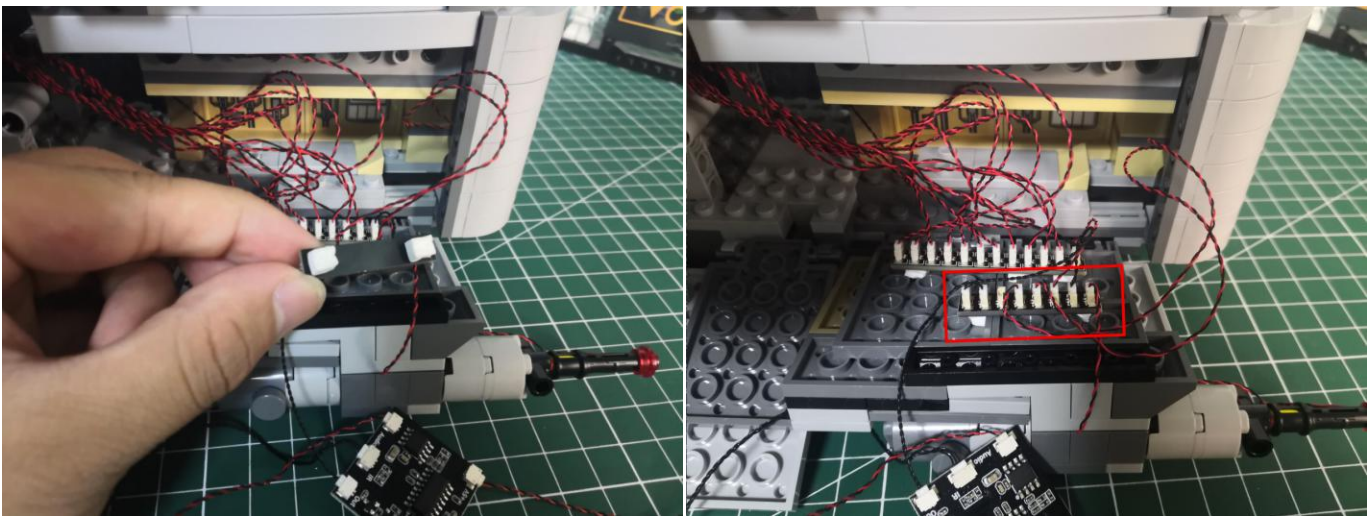
Take 12 adhesive squares.



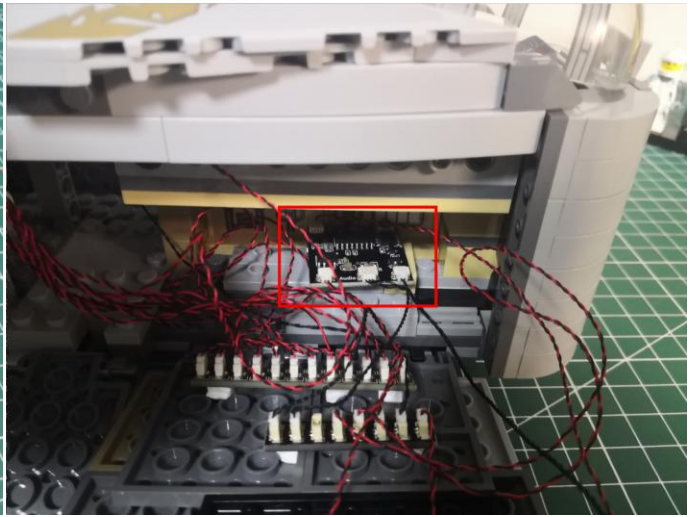
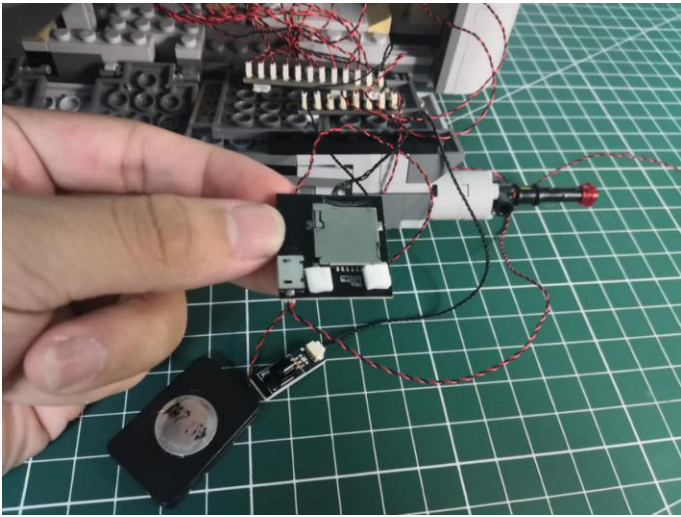
Stick 3 adhesive squares to the back of the 12-port expansion board, stick the expansion board to the following place.



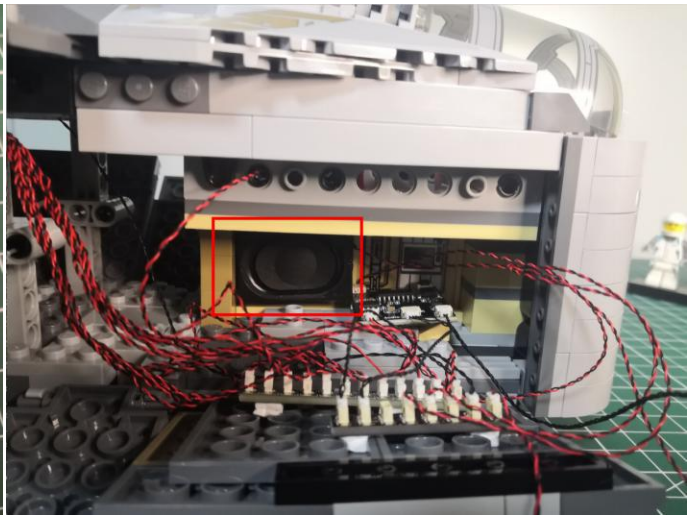
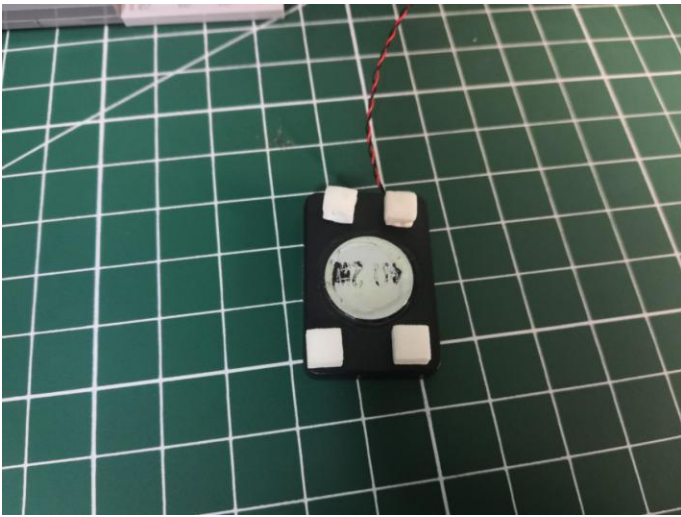
Stick 2 adhesive squares to the back of the 8-port expansion board, stick the expansion board to the following place.



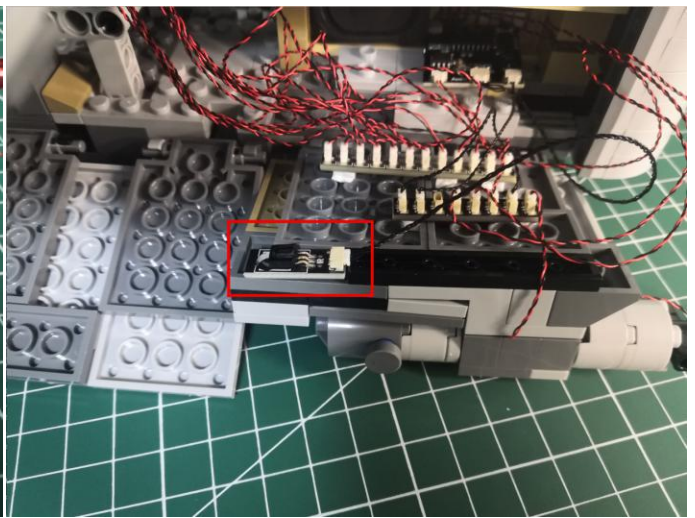
Stick 2 adhesive squares to the back of the Acousto-optic Control Switch Board, stick the Acousto-optic Control Switch Board to the following place.



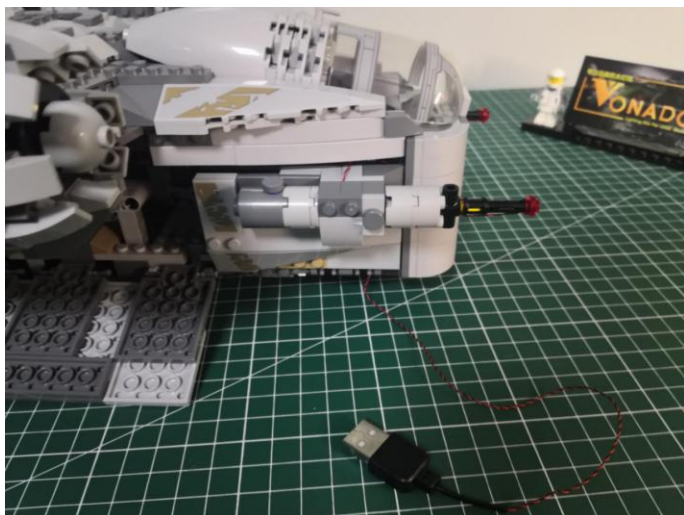
Stick 4 adhesive squares to the back of the speaker, stick the speaker to the following place.



Stick an adhesive square to the back of the signal receiver, stick the signal receiver to the following place.



Close the cabin.



This completes installation of this LED Lighting Kit. ENJOY!



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.