

LIGHT MY BRCKS: LEGO Star Wars Millennium Falcon 75257 Lighting Kit



The following page is the instructions for the **Light My Bricks LEGO Star Wars Millennium Falcon (75257) LED light kit**.

If you run into any issues, please refer to the **online troubleshooting guide**.

To ensure a trouble-free installation of your light kit, please read and follow each step carefully. These instructions can be downloaded in PDF format **here**

Please note: This page lists instructions for the LED light kit only. If you are wishing to purchase the Light My Bricks LEGO Star Wars Millennium Falcon (75257) LED light kit, please click [here](#) to view the product page

Package Contents:

- 7x Cool White 30cm Bit Lights
- 6x White Strip Lights
- 1x Rotating White 30cm Bit Light
- 1x 2-Port Expansion Board
- 1x 8-Port Expansion Board
- 1x Gun Effects Board
- 2x 5cm Connecting Cables
- 4x 15cm Connecting Cables
- 1x 30cm Connecting Cable
- 1x 50cm Connecting Cable
- 1x AA Battery Pack

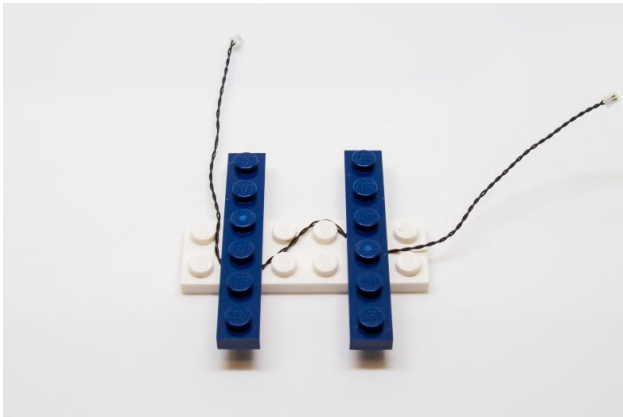
LEGO Pieces:

- 4x Bar 4L (Trans Red)
- 2x Plate 1×6 (Any colour)

Important things to note:

Laying cables in between and underneath bricks

Cables can fit in between and underneath LEGO® bricks, plates, and tiles providing they are laid correctly between the LEGO® studs. Do NOT forcefully join LEGO® together around cables; instead ensure they are laying comfortably in between each stud.



CAUTION: Forcing LEGO® to connect over a cable can result in damaging the cable and light.

Connecting cable connectors to Expansion Boards

Take extra care when inserting connectors to ports of Expansion Boards. Connectors can be inserted only one way. With the expansion board facing up, look for the soldered “=” symbol on the left side of the port. The connector side with the wires exposed should be facing toward the soldered “=” symbol as you insert into the port. If a plug won't fit easily into a port connector, do not force it.





Incorrectly inserting the connector can result in bent pins inside the port or possible overheating of the expansion board when connected.

Connecting cable connectors to Strip Lights

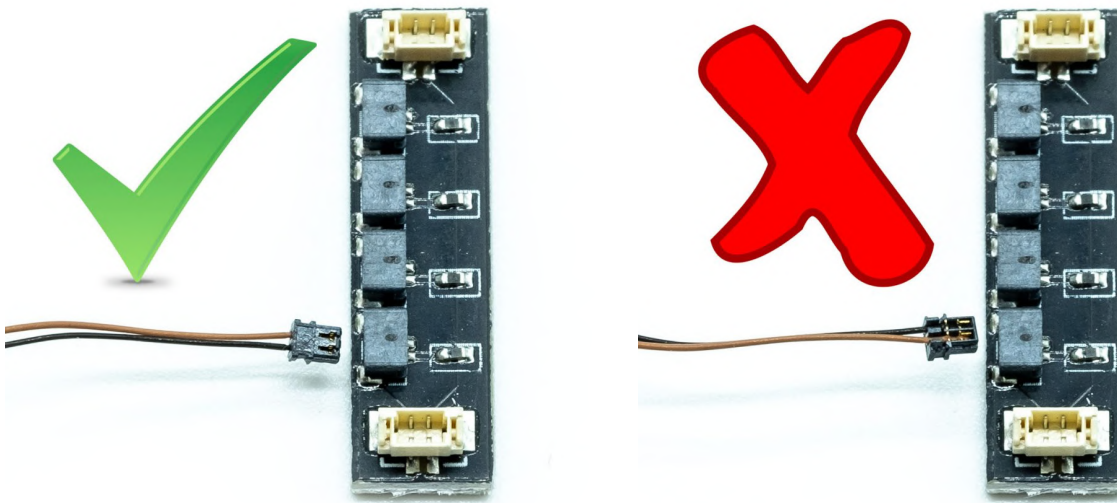
Take extra care when inserting connectors to ports on the Strip Lights. Connectors can be inserted only one way. With the Strip Light facing up, ensure the side of the connector with the wires exposed is facing down. If a plug won't fit easily into a port connector, don't force it. Doing so will damage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



Connecting Micro Cable connectors to Micro Expansion Board Ports

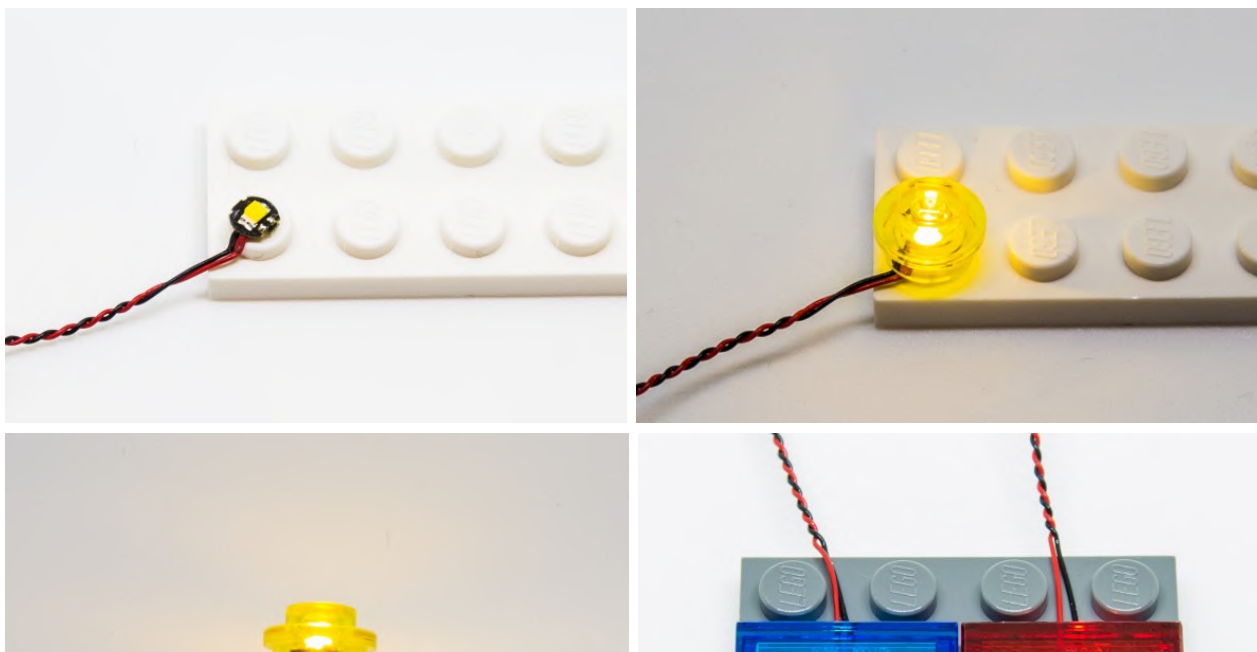
Take extra care when inserting the micro connectors to micro ports of Micro Expansion Boards. Connecting Micro Bit Lights to Micro Expansion Boards is similar to connecting lights and cables to Strip Lights. With the expansion board facing up, ensure the side of the connector with the wires exposed is

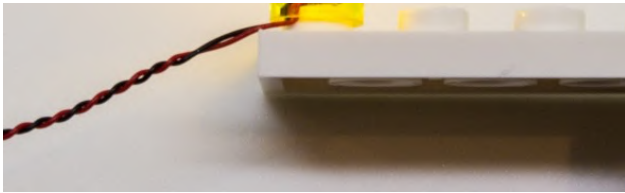
facing down. If a plug won't fit easily into a port connector, do not force it. Use your fingernail to push the plastic part of the connector to the micro port.



Installing Bit Lights under LEGO® bricks and plates.

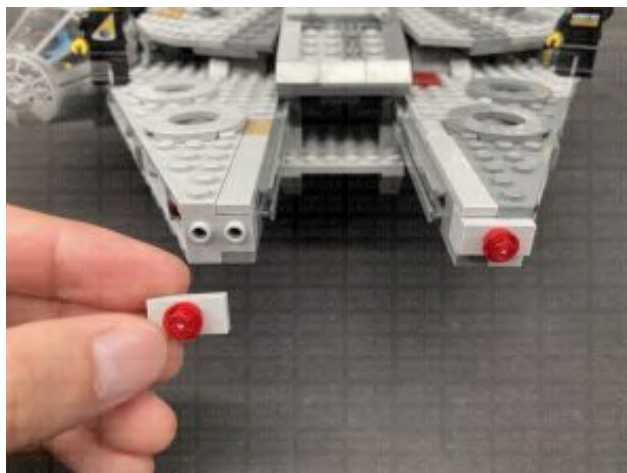
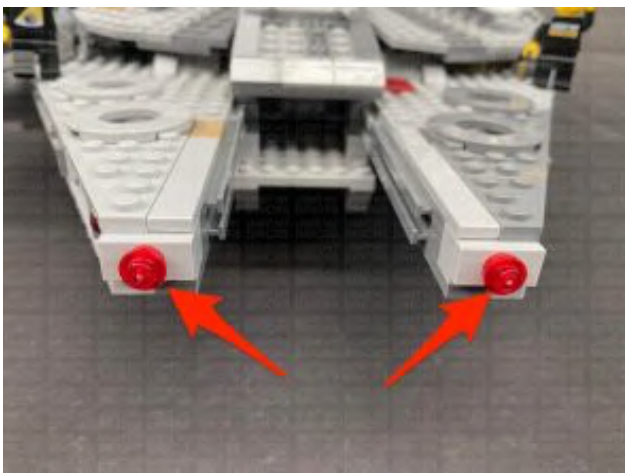
When installing Bit Lights under LEGO® pieces, ensure they are placed the correct way up (Yellow LED component exposed). You can either place them directly on top of LEGO® studs or in between.





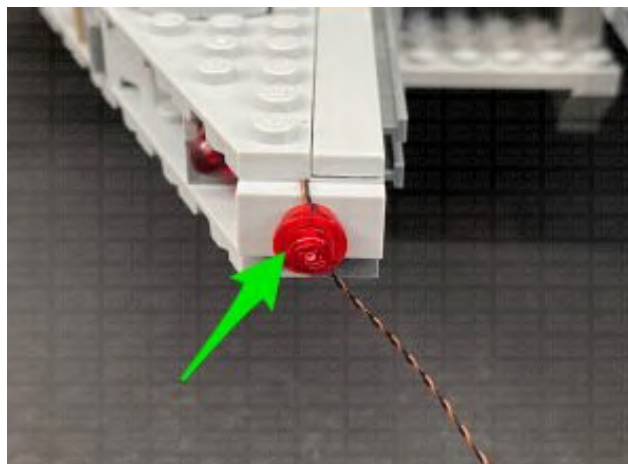
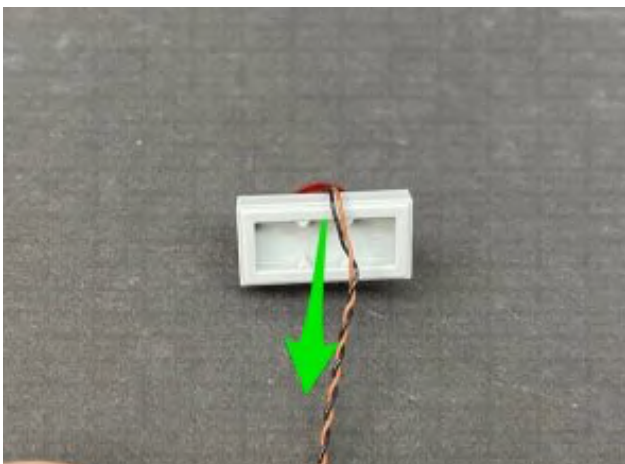
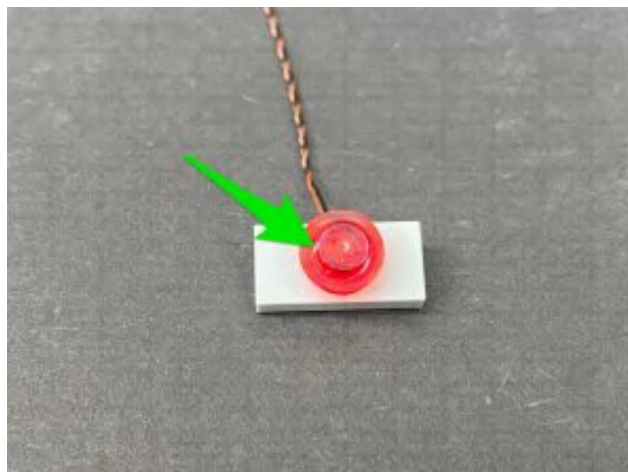
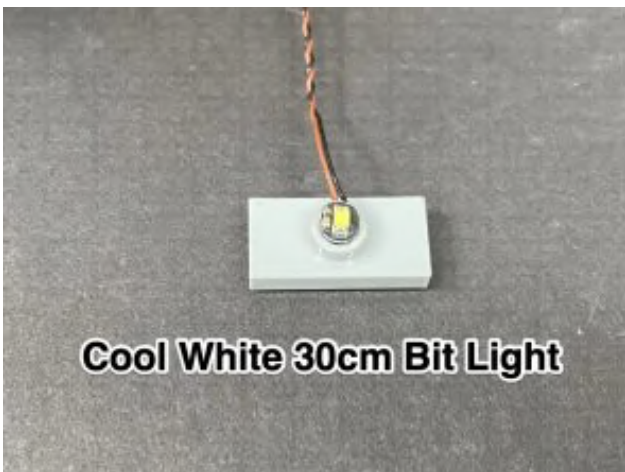
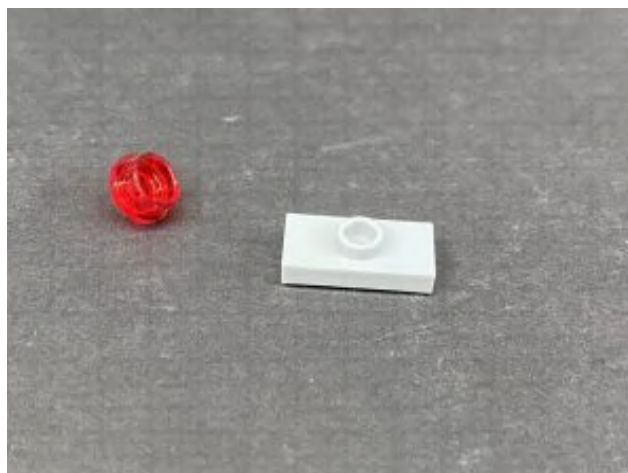
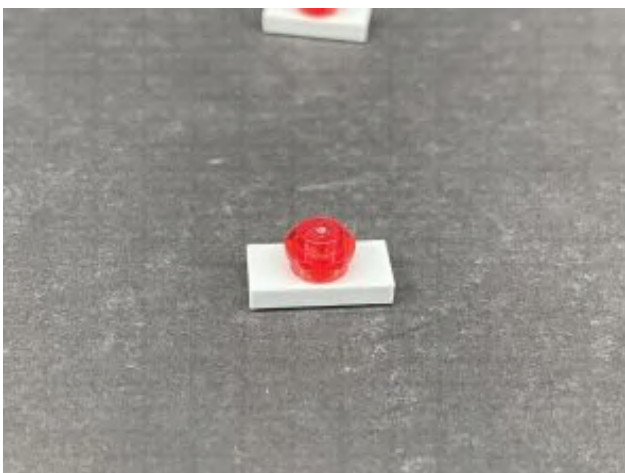
OK, Let's Begin!

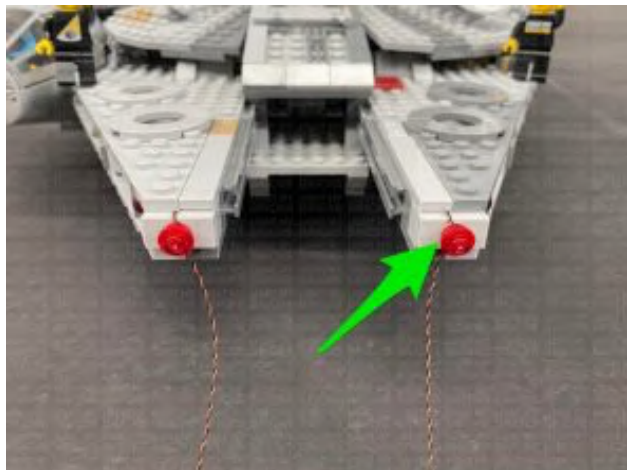
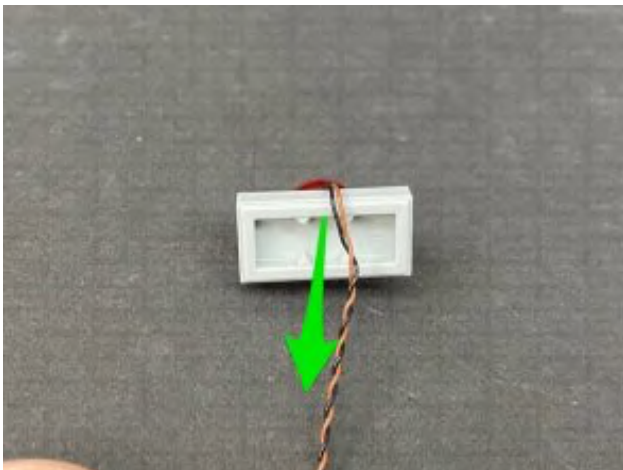
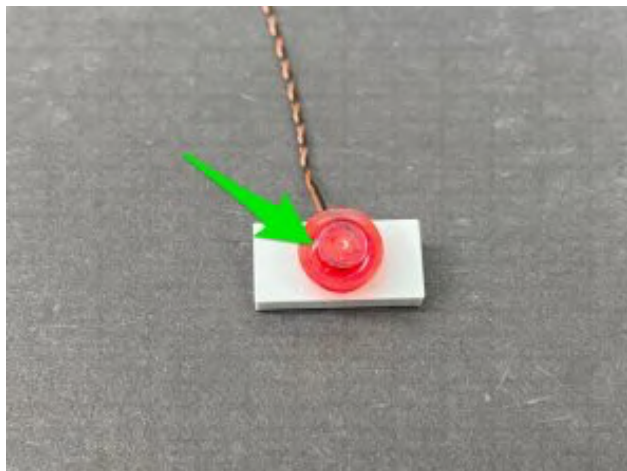
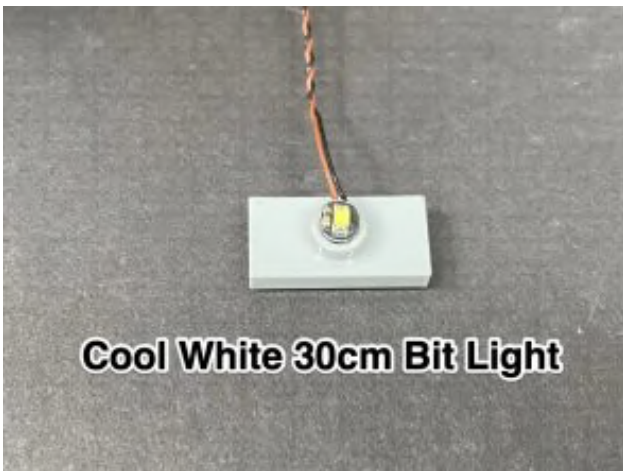
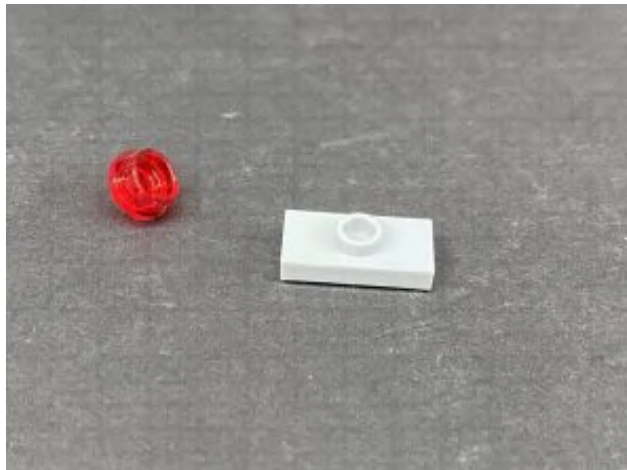
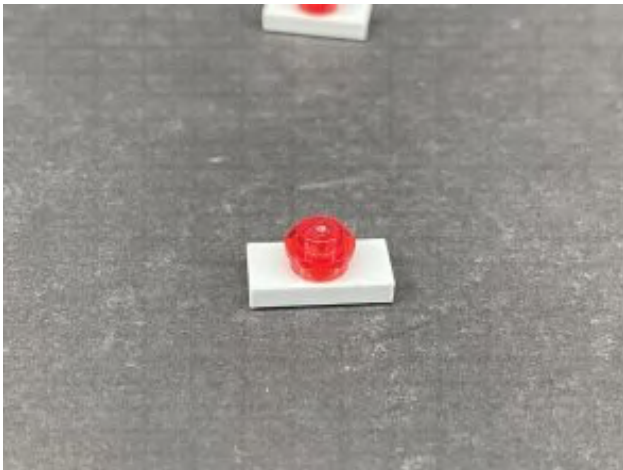
1.) Disconnect the following pieces from the front of the Millennium Falcon



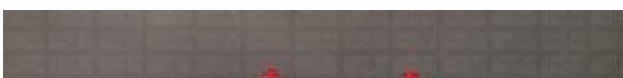


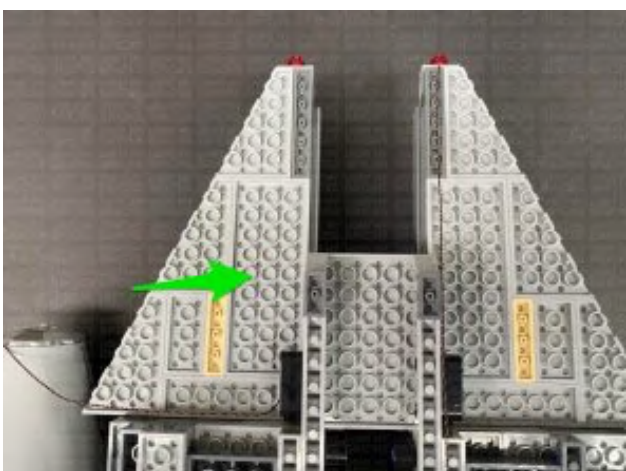
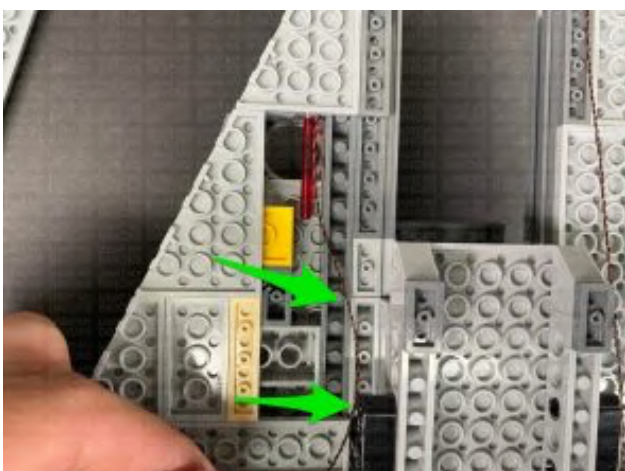
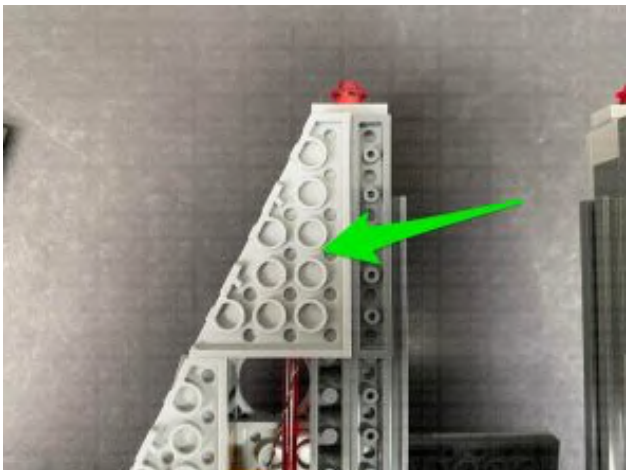
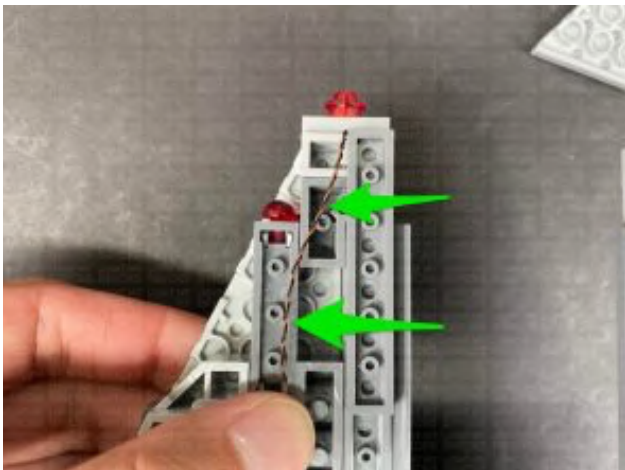
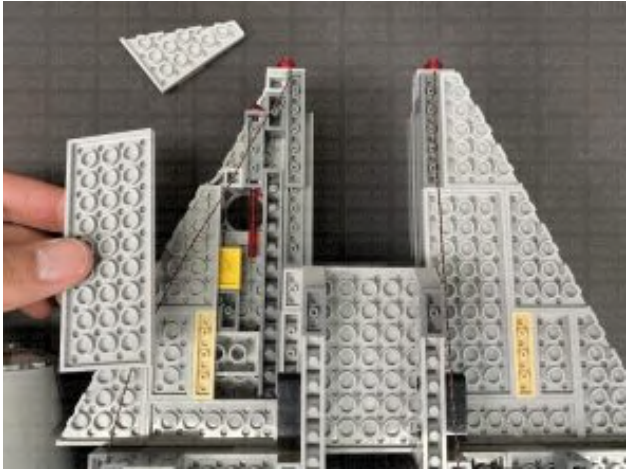
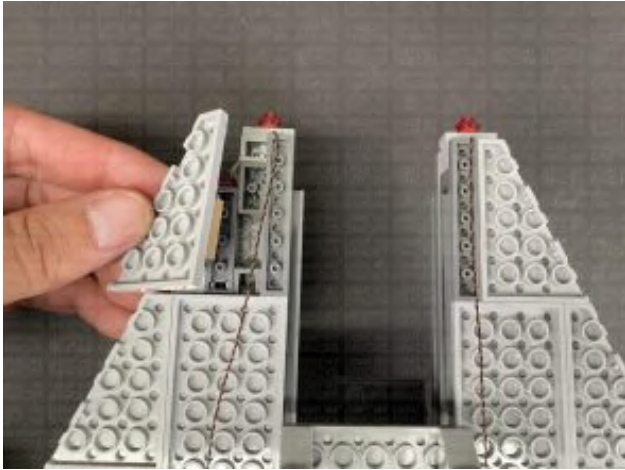
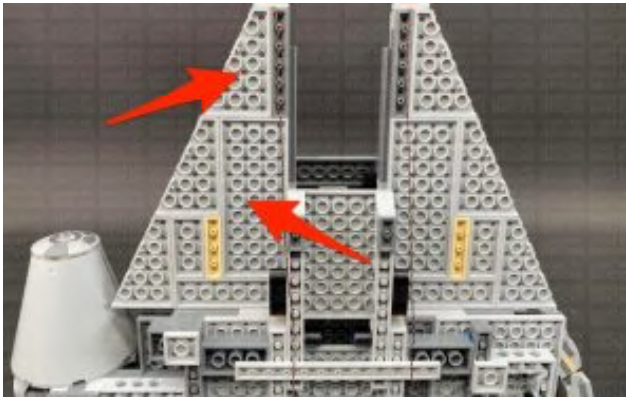
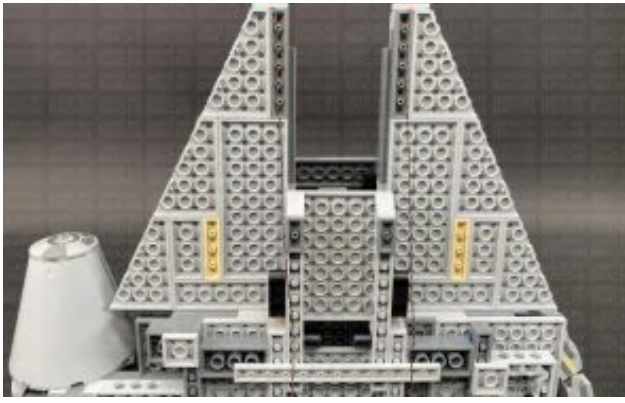
2.) Install **2x Cool White 30cm Bit Lights** underneath the trans red round plates, then fold the cables down underneath the grey tile before reconnecting it to the ship.

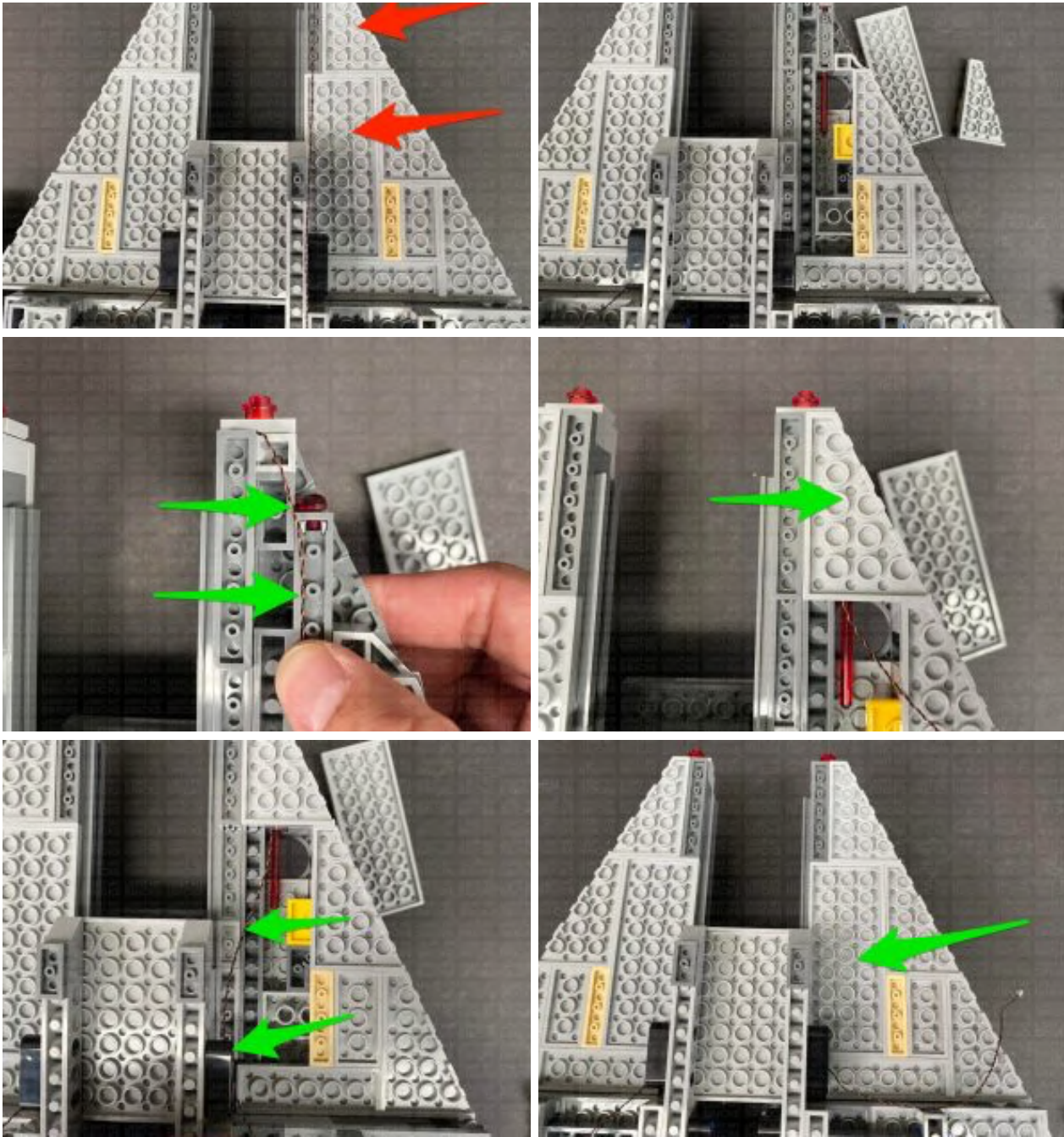




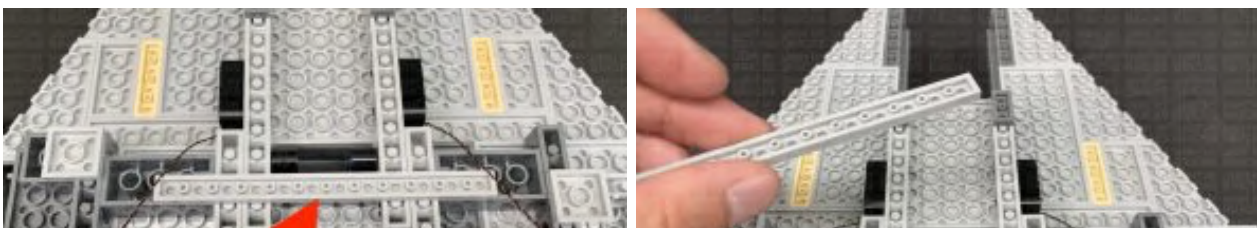
3.) Bring both cables underneath the ship and lay them underneath the following sections. Ensure cables are laid in between studs.

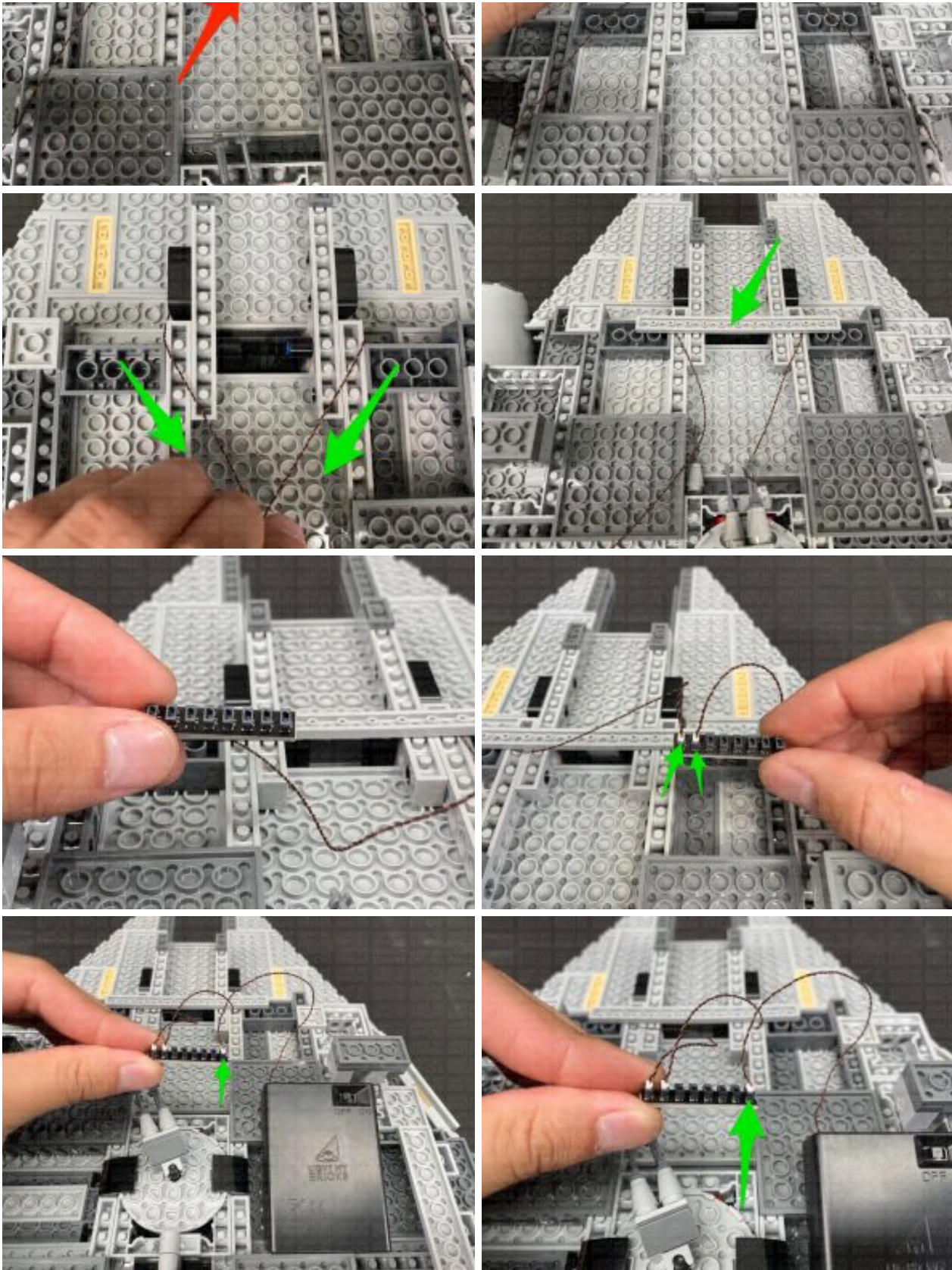






4.) Secure the cables underneath the following plate, then connect them to an **8-Port Expansion Board**. Insert 3x New AA Batteries to the **AA Battery Pack**, then connect the battery pack cable to a spare port on the expansion board.





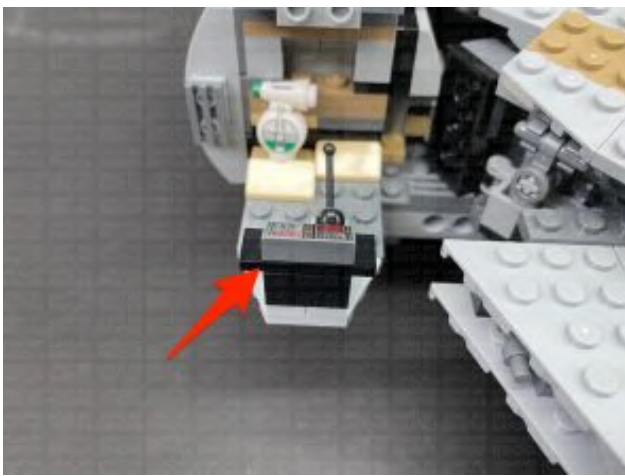
Carefully flip the ship over and turn the Battery Pack ON to test the two front lights are working OK.



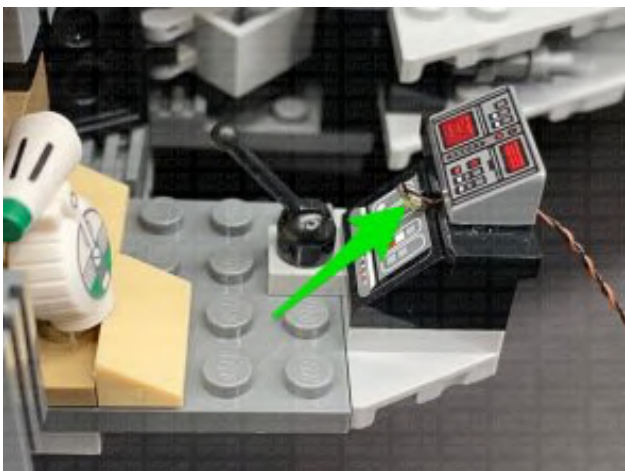
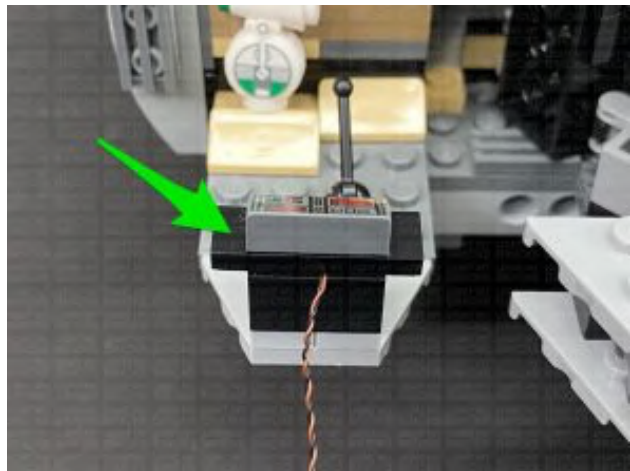
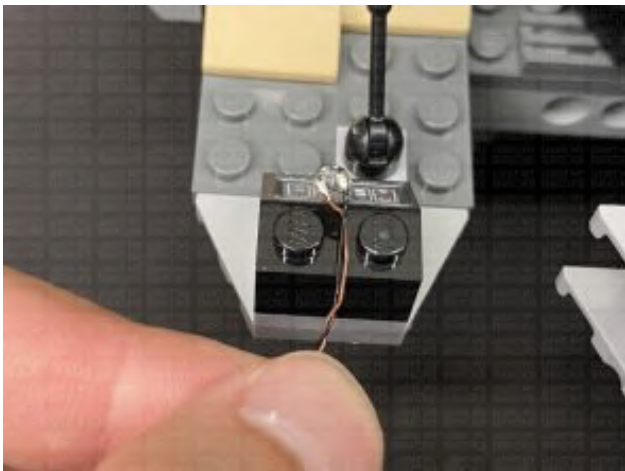
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light, expansion board or effects board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

5.) Remove sections surrounding the cockpit, to allow us to install a **Cool White 30cm Bit Light**.

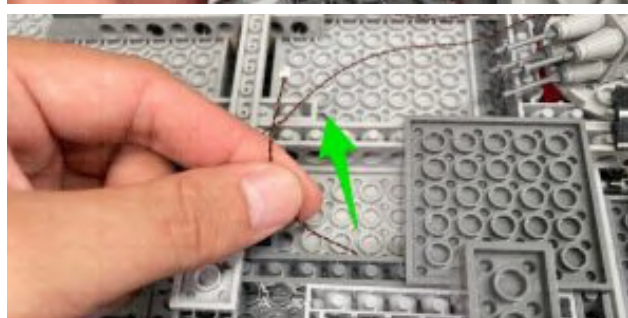
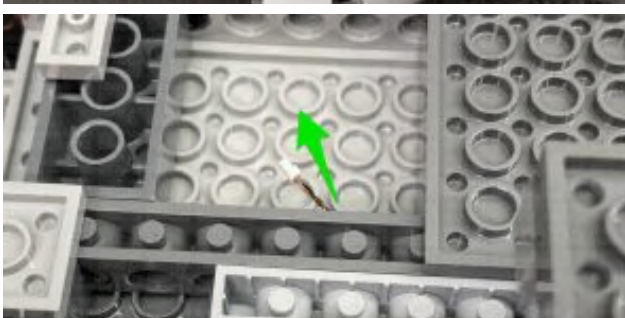
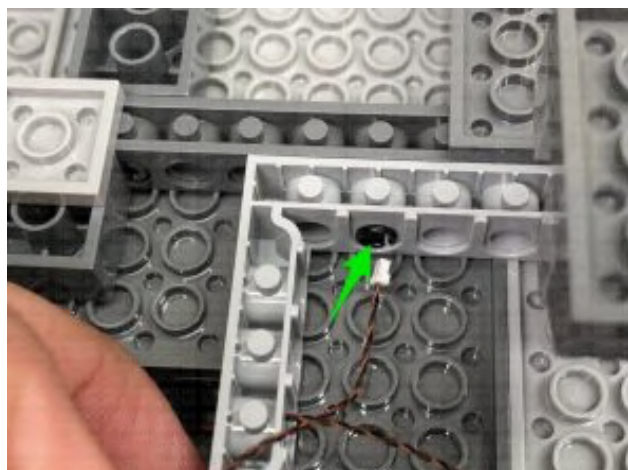
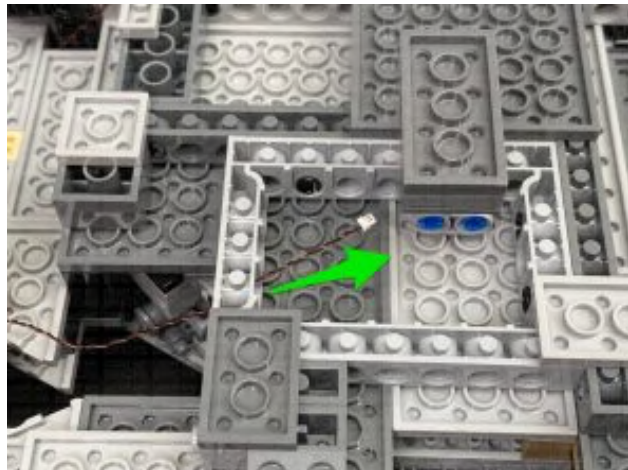
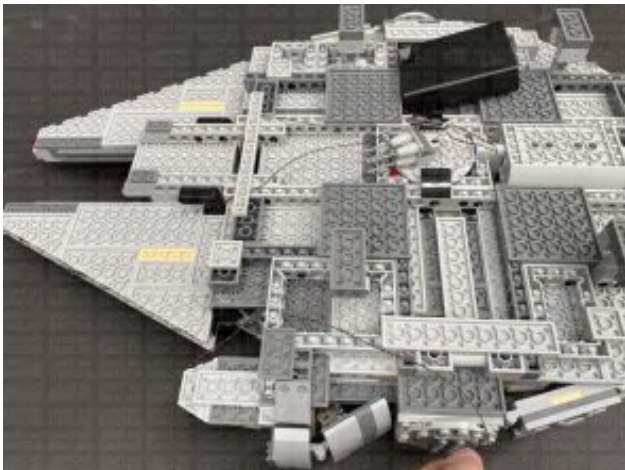
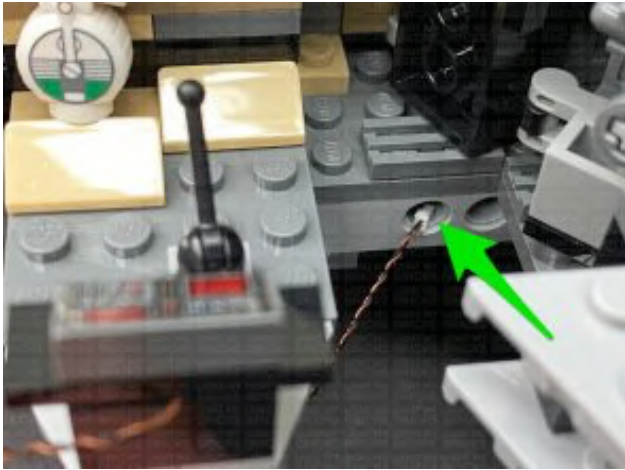


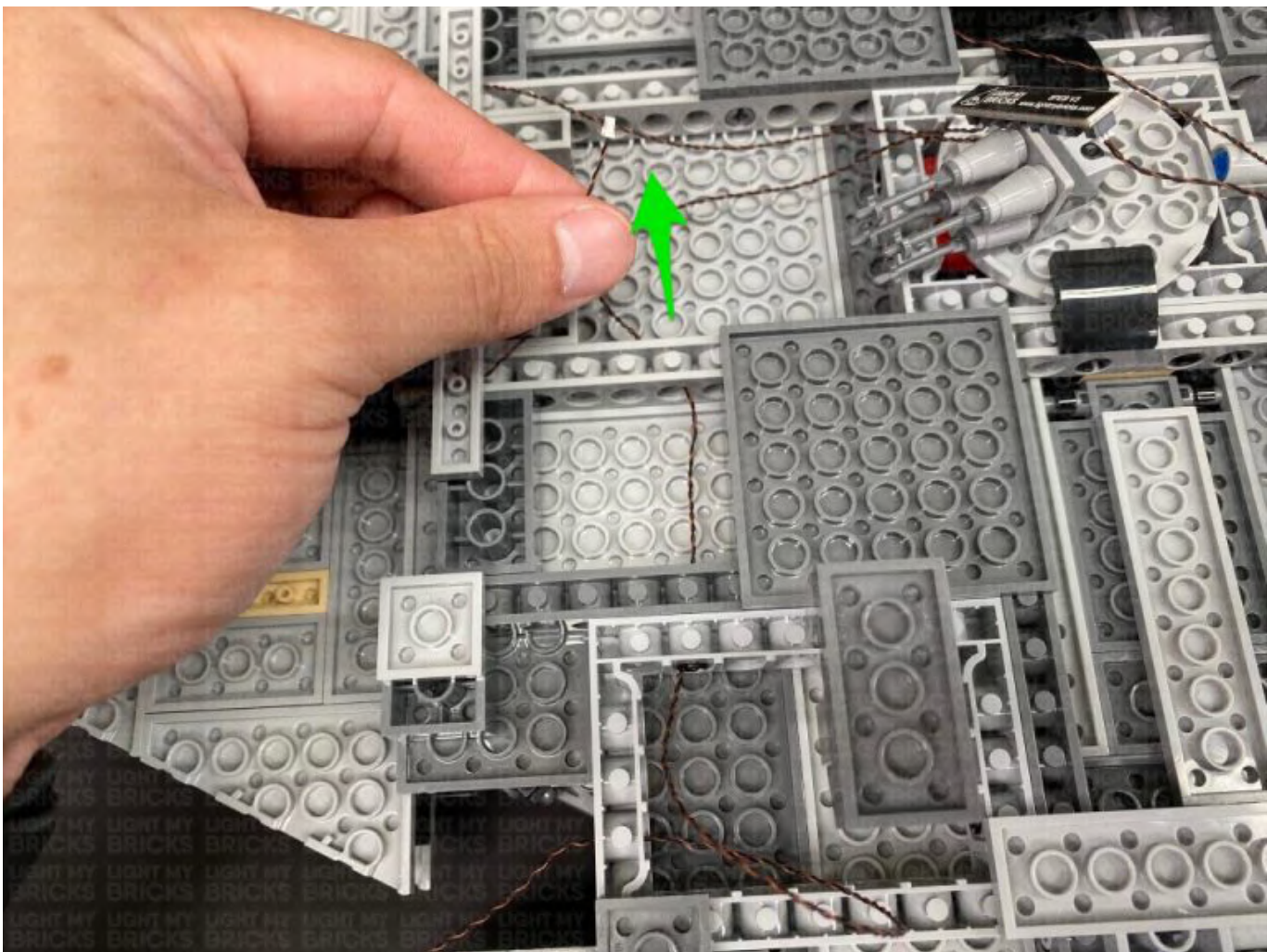
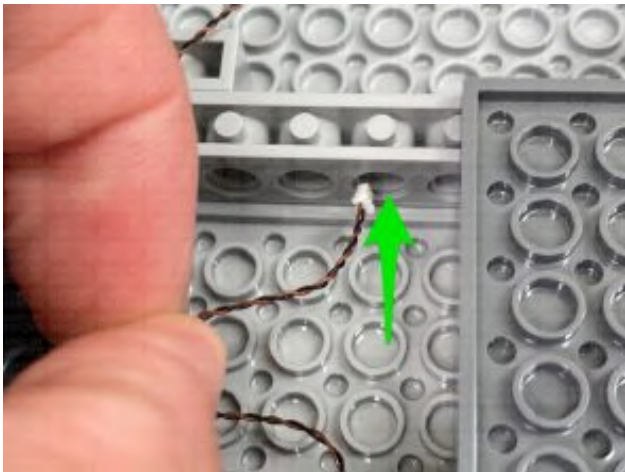


Install the Bit Light LED facing down, then push it slightly up.



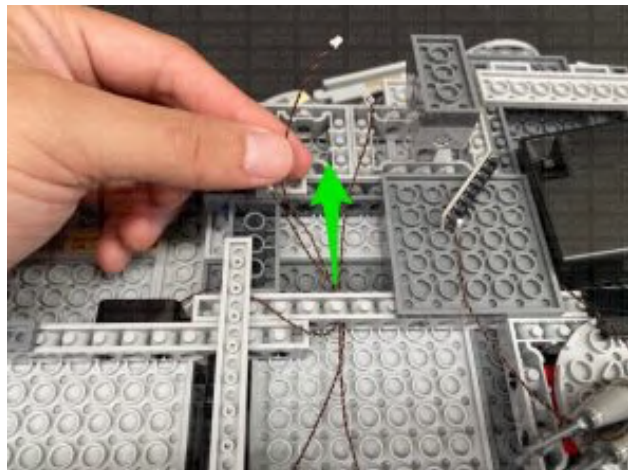
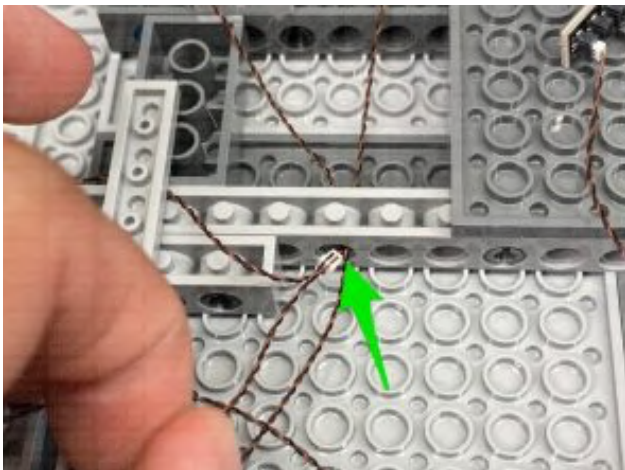
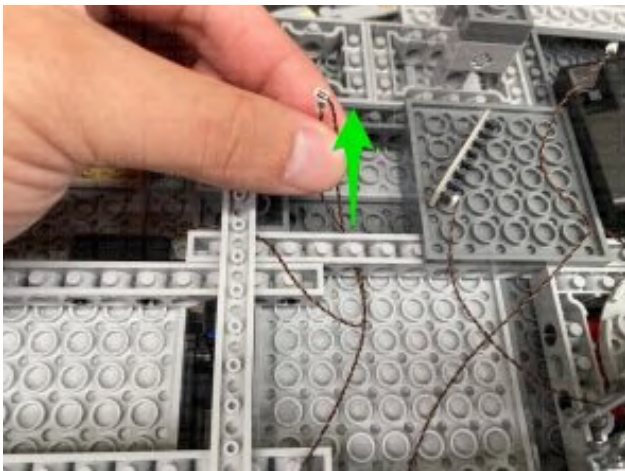
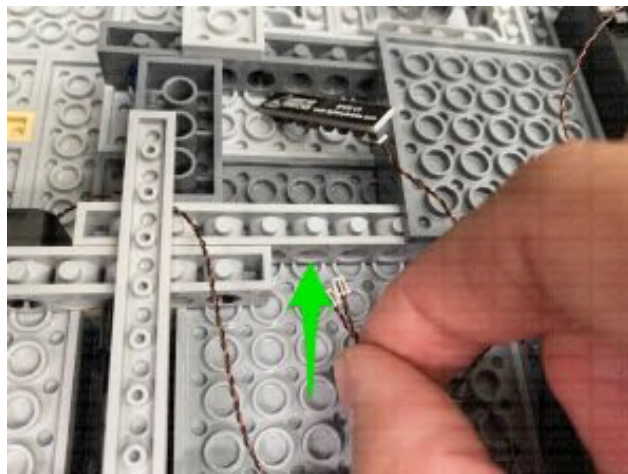
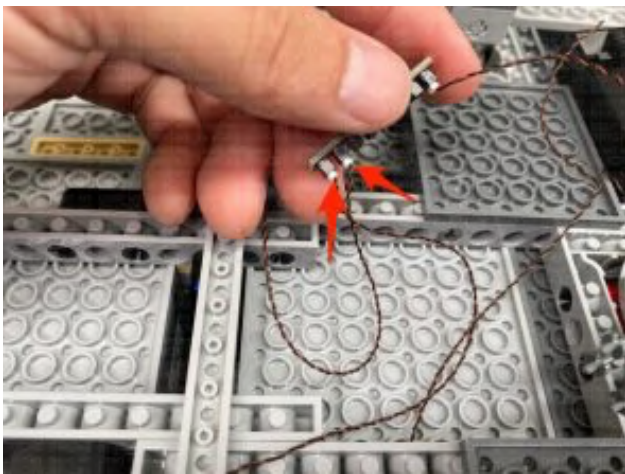
6.) Thread the cable through the following hole to lead underneath the ship. Continue threading the cable through the following holes.





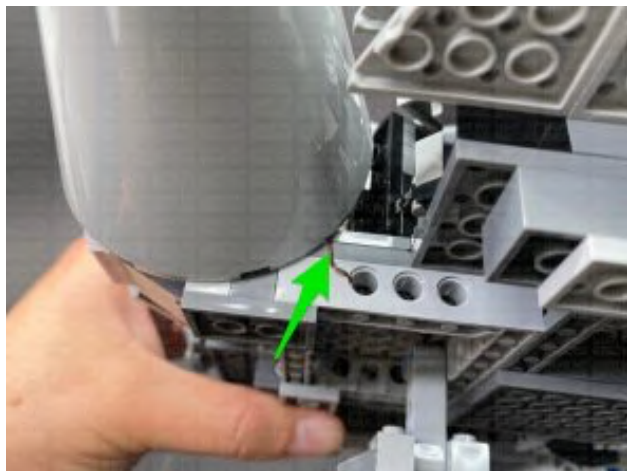
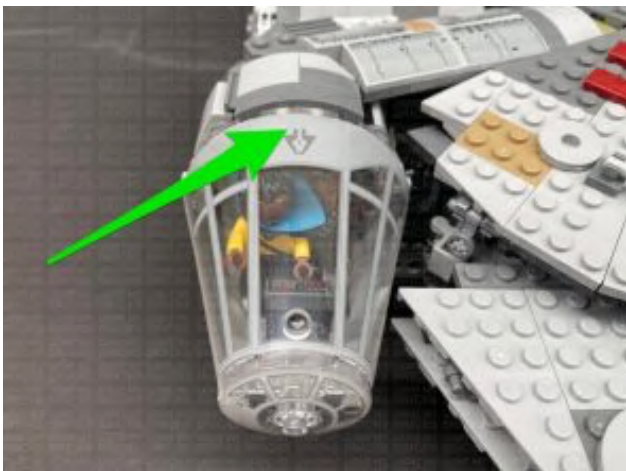
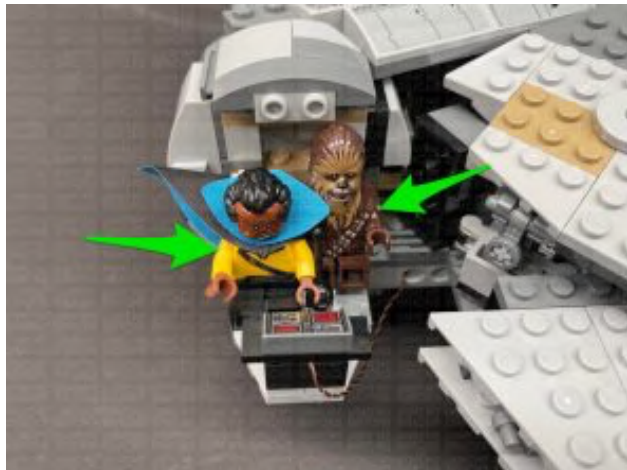
Disconnect the two Cool White Bit Lights from the expansion board, then

thread them through the following holes. Take the Cool White Bit Light cable from the cockpit and thread it through the same hole, then connect all three cables to the 8-port expansion board.





7.) Carefully flip the ship back over and reconnect the minifigs and wind shield, ensuring the bit light cable is carefully tucked under.



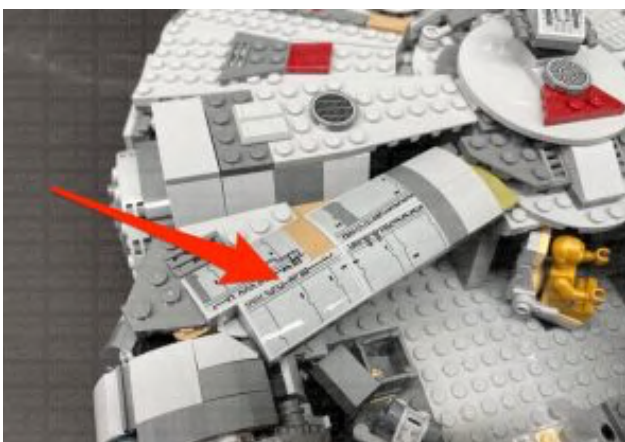
Turn the Battery Pack ON to test all lights are working OK.

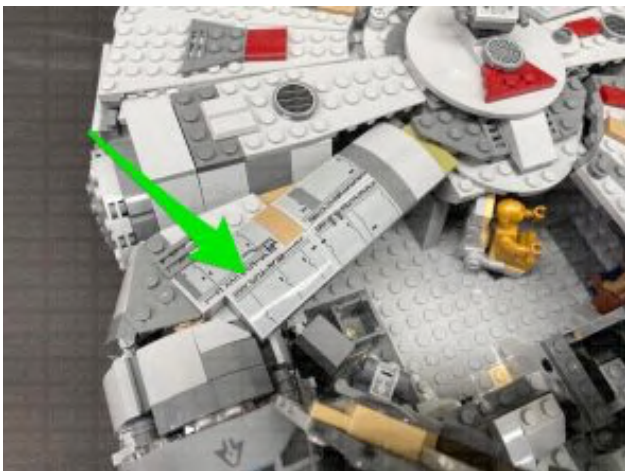
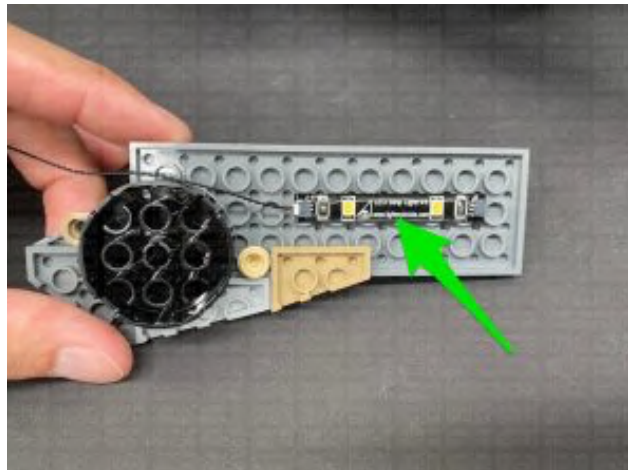
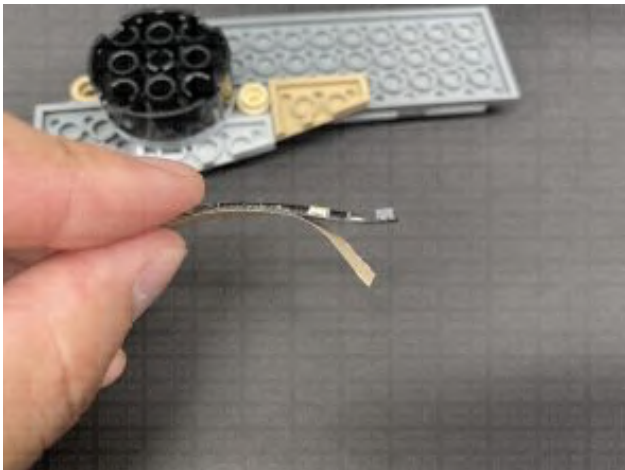
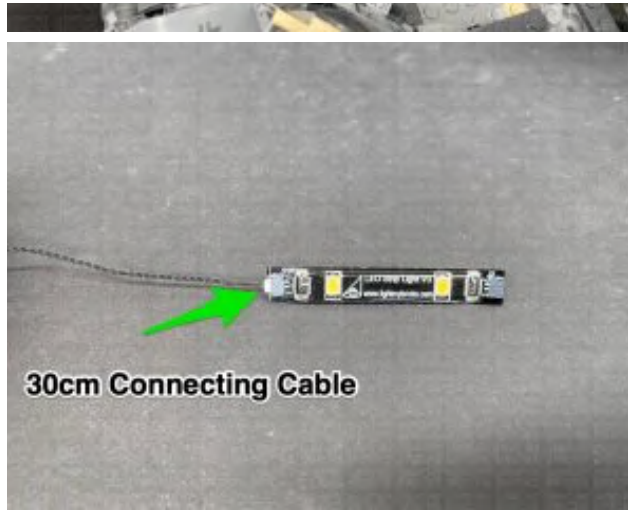




*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light, expansion board or effects board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

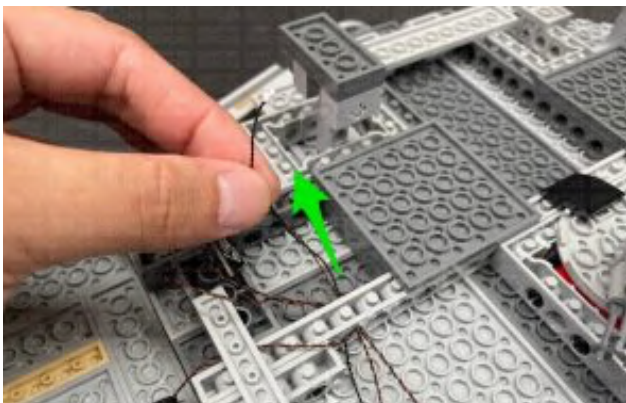
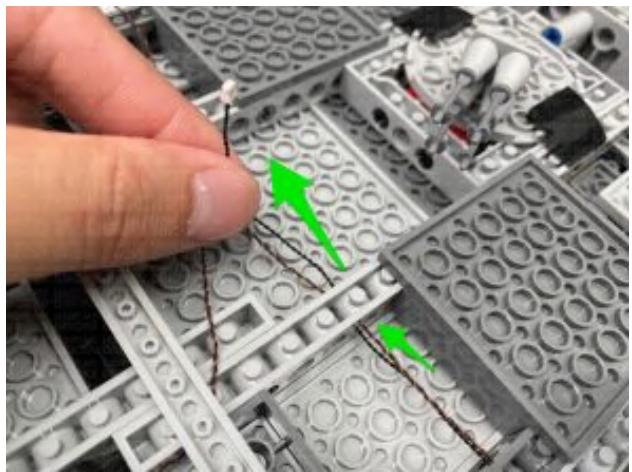
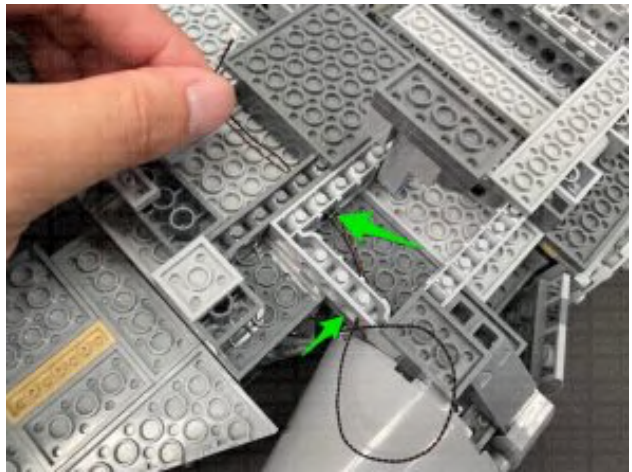
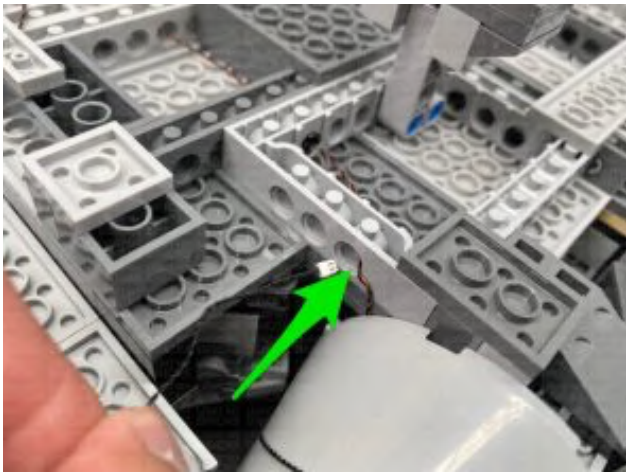
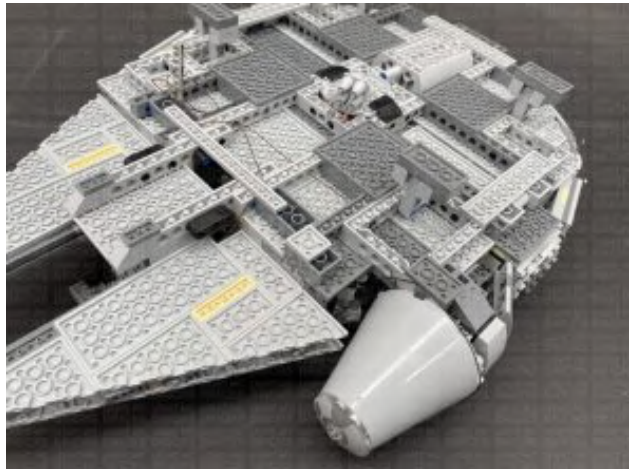
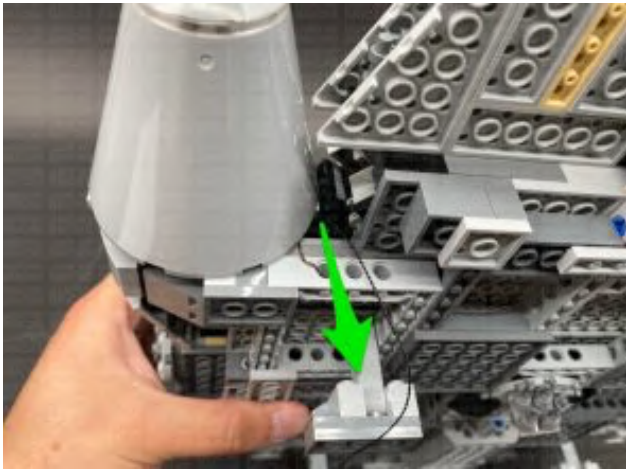
8.) Disconnect the AA Battery Pack from the expansion board, then lift up the following roof panel and disconnect the following roof section behind. Connect a **30cm Connecting Cable** to a **White Strip Light** and stick it underneath this roof section. Reconnect this section to the ship.

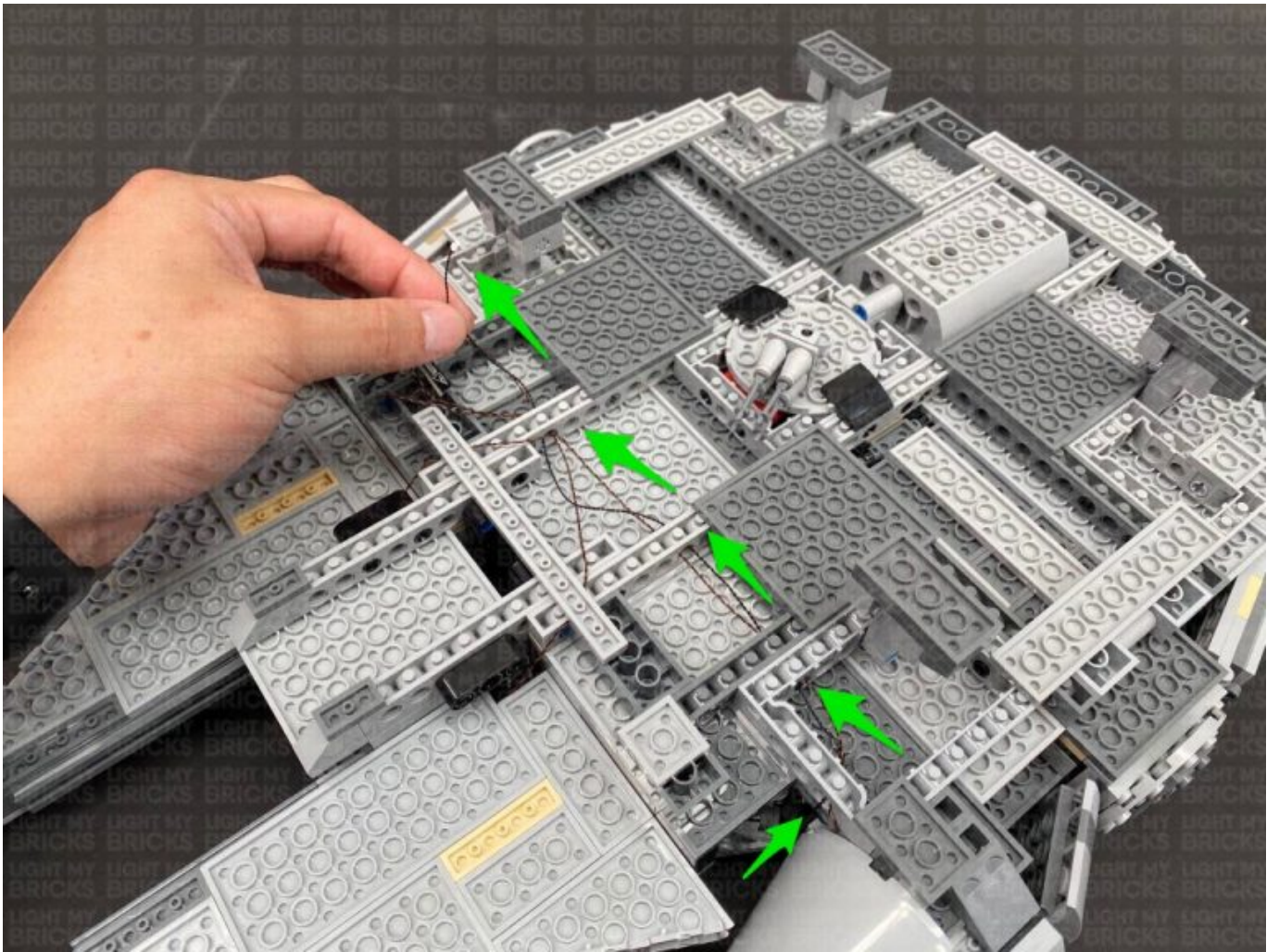




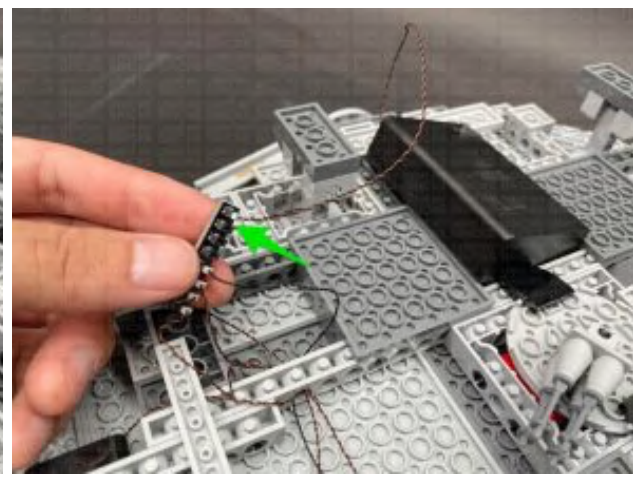
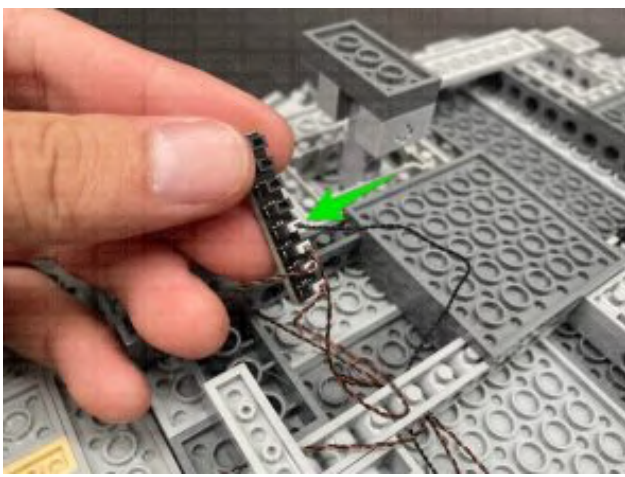
Tuck the cable in, then bring it underneath the ship and thread it through the following holes to lead towards to where the 8-port expansion board is situated.

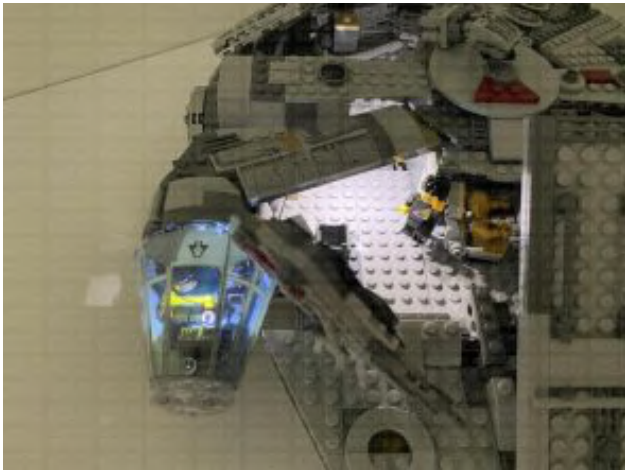






Connect the cable to a spare port on the expansion board, then connect the AA Battery Pack again and turn it ON to test the strip light is working OK.

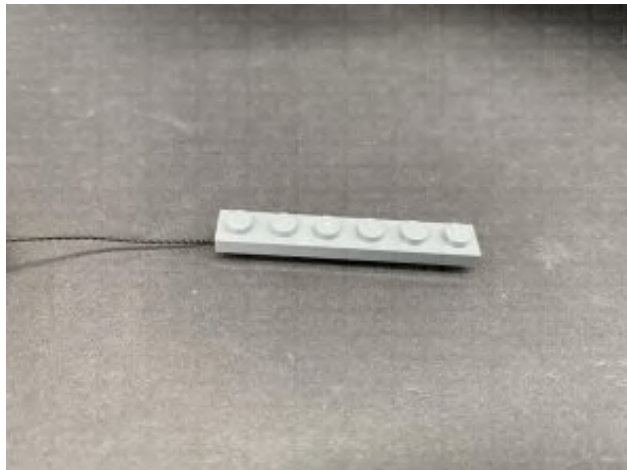
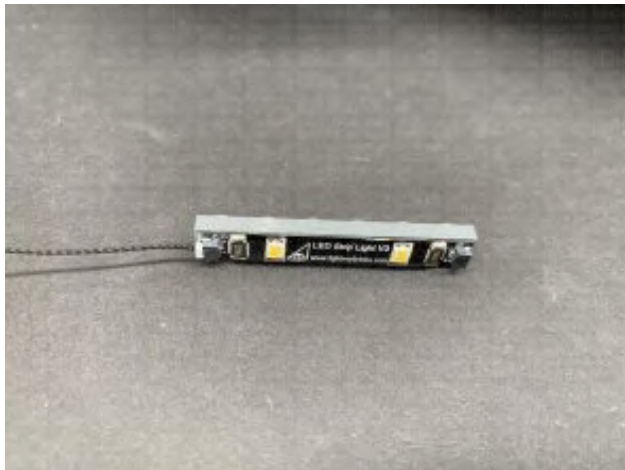
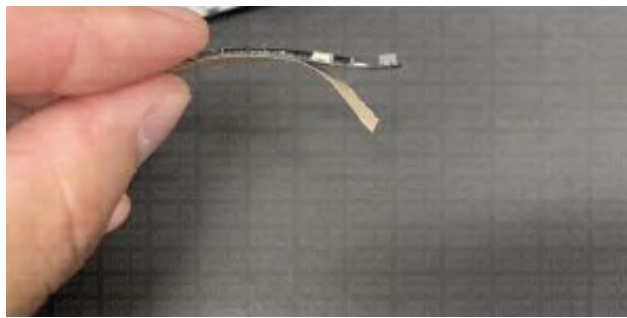
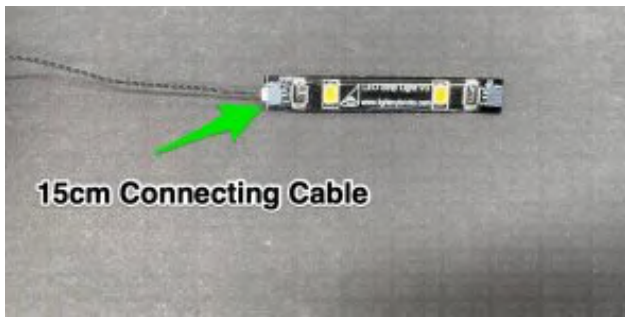




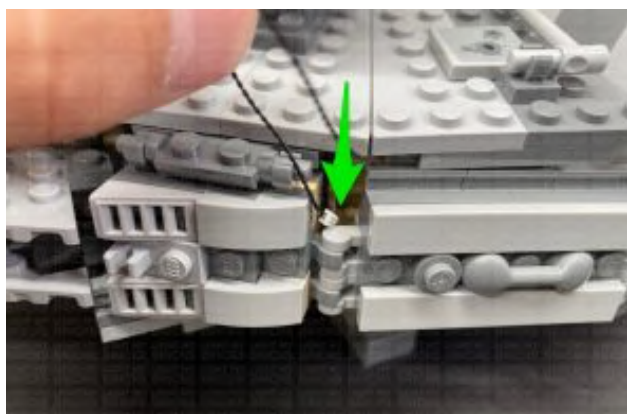
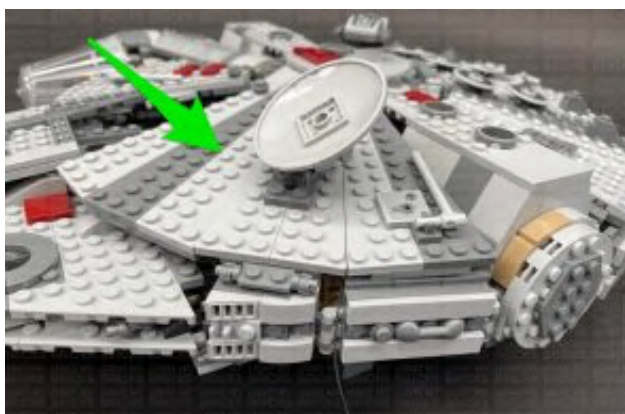
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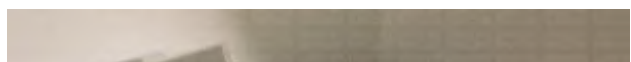
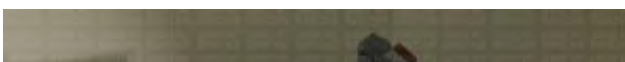
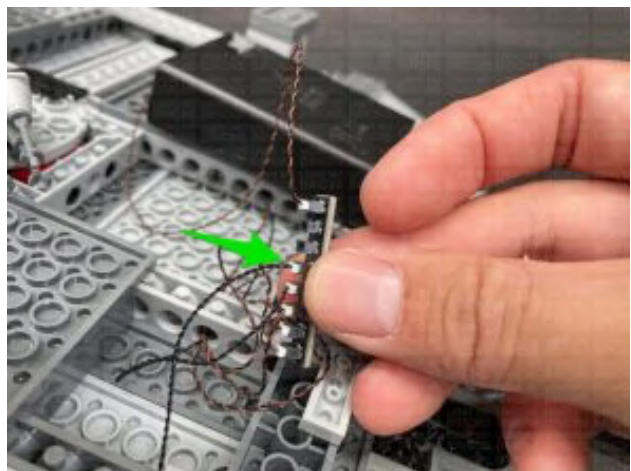
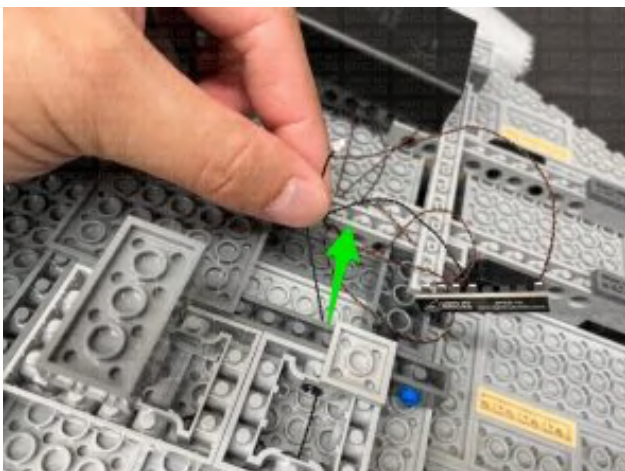
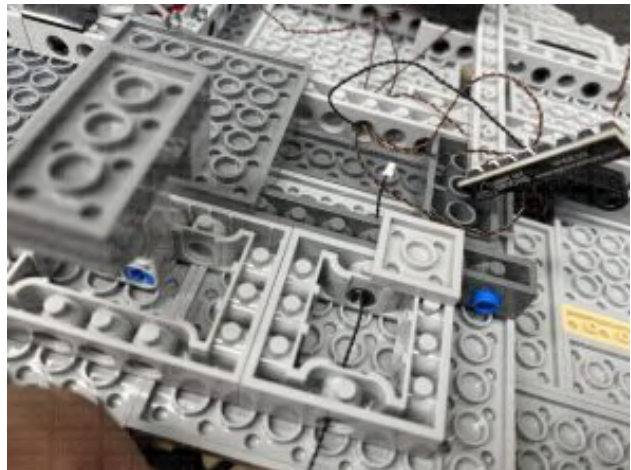
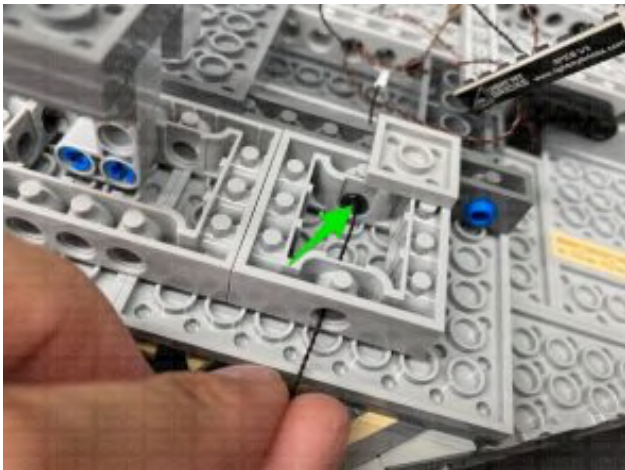
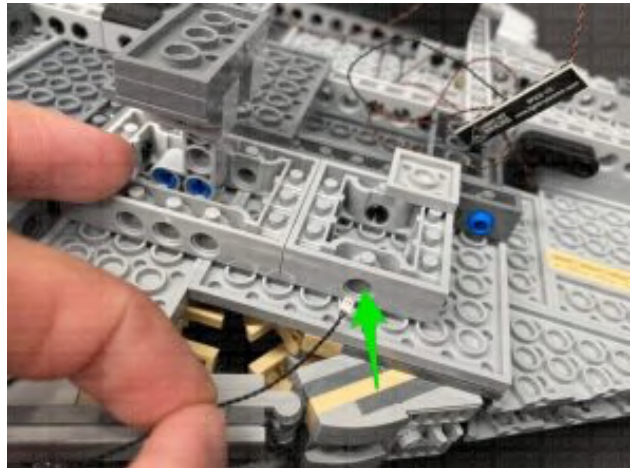
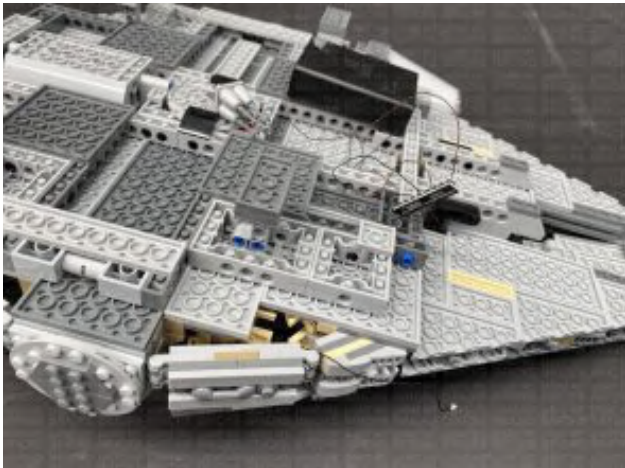
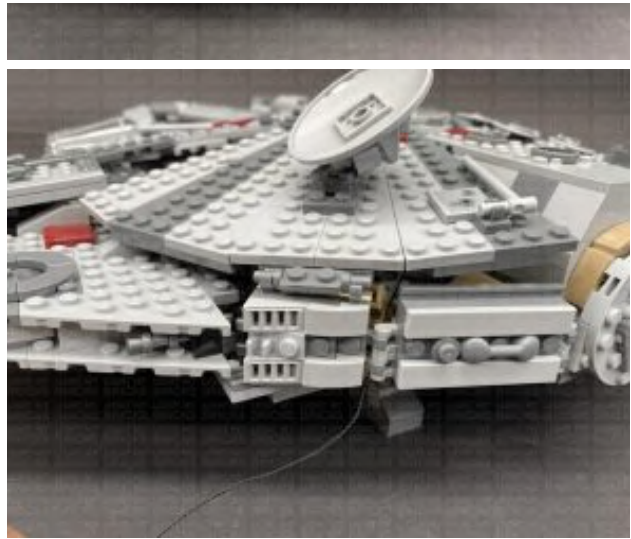
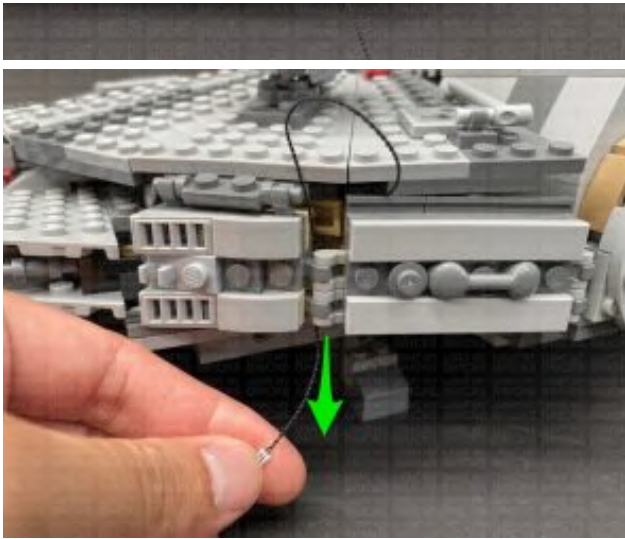
9.) Lift up the following roof panels, then connect a **15cm Connecting Cable** to another **White Strip Light**. Stick the strip light to a provided **LEGO Plate 1x6** then mount it underneath the roof panel as shown below.

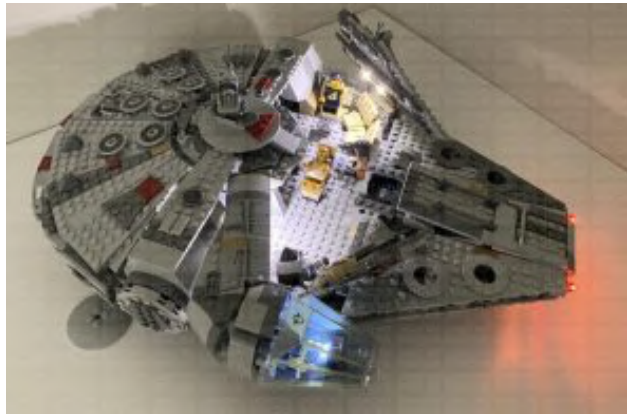




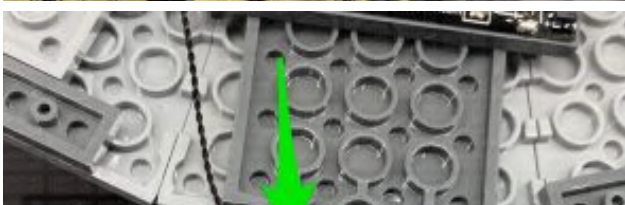
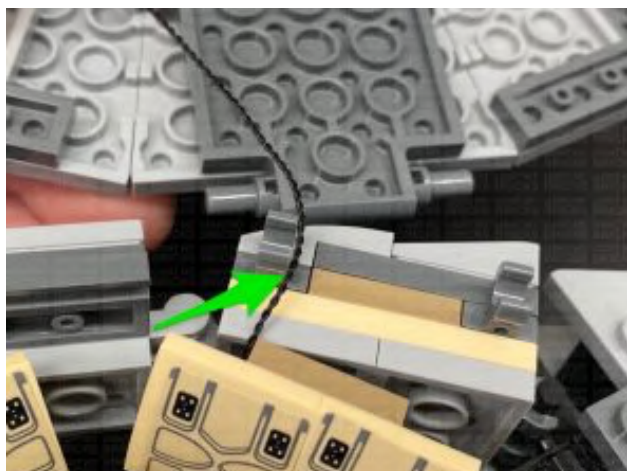
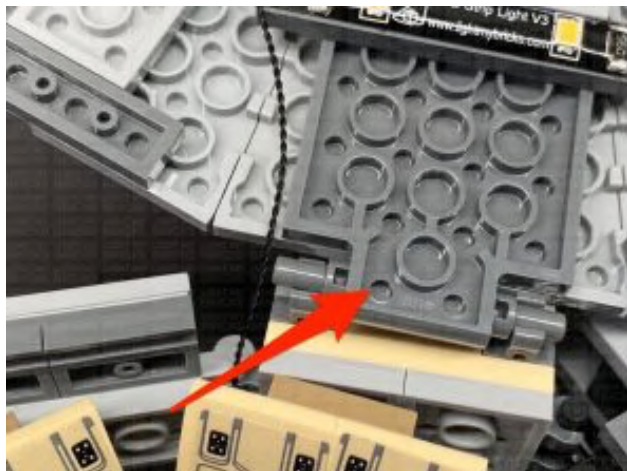
Close the panel and thread the cable down underneath the ship through the following gaps and holes to connect to the 8-Port Expansion Board, then turn ON the battery pack to test the lights are working OK.

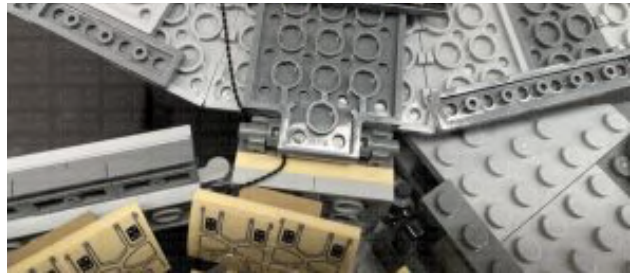




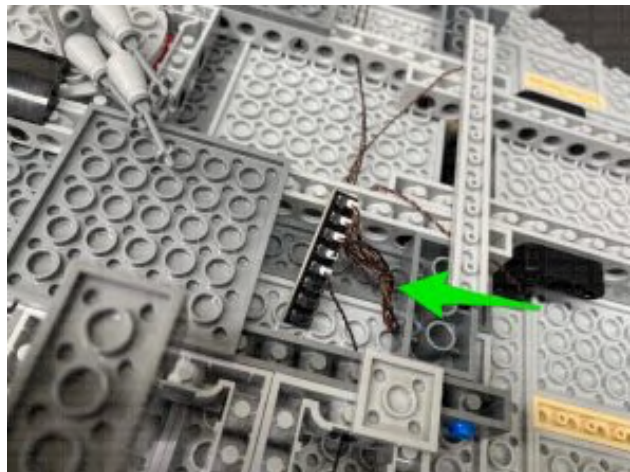
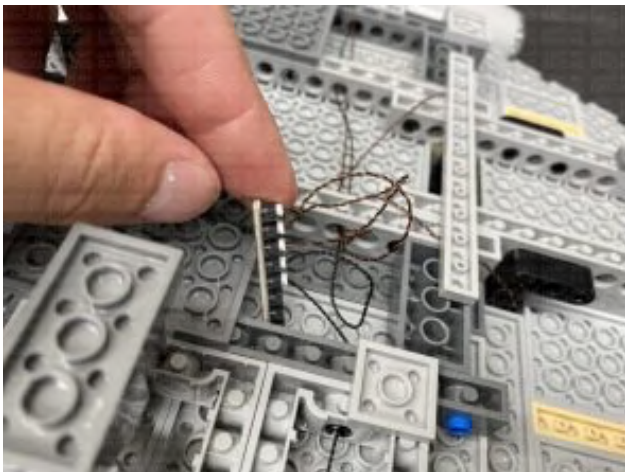
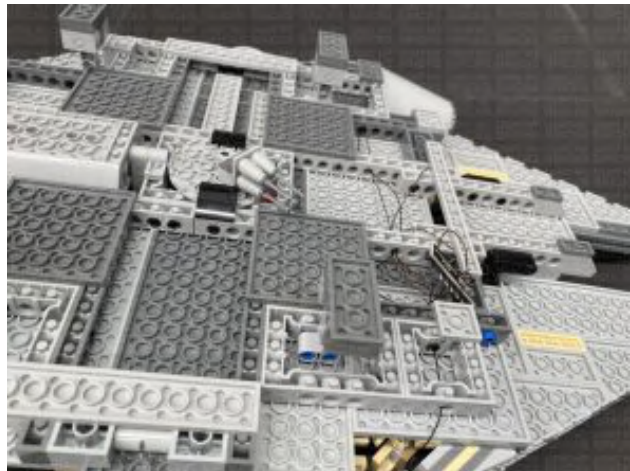
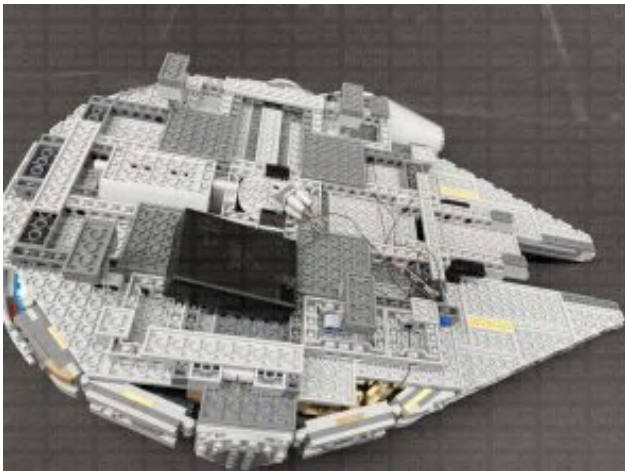


10.) Secure the connecting cable underneath the panel clips by disconnecting the panel, feeding the cable in between clips and reconnecting the panel over the cable.

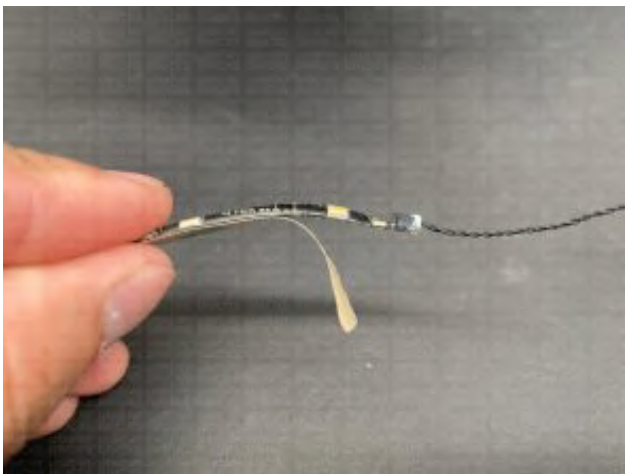
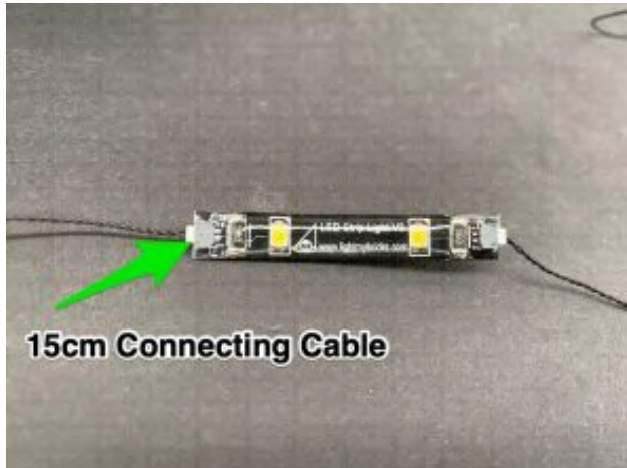
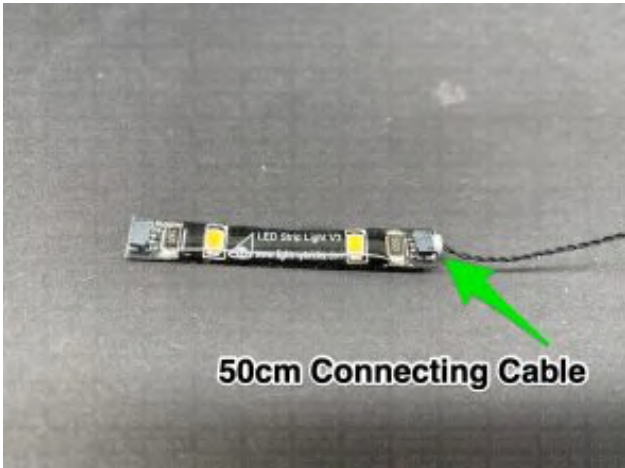




Disconnect the AA Battery Pack from the expansion board, then twist the cables connected to the expansion board into a neat bunch.

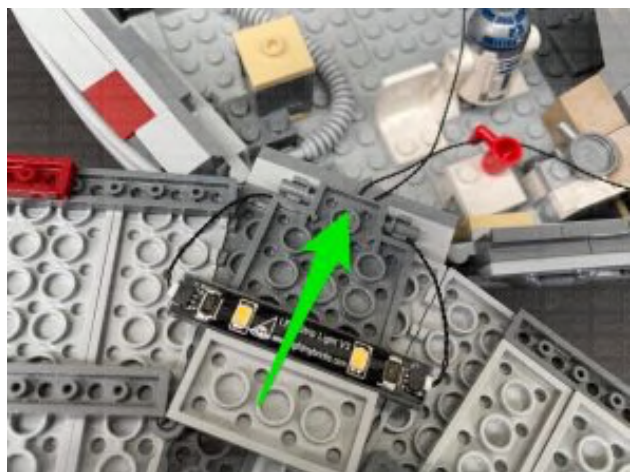
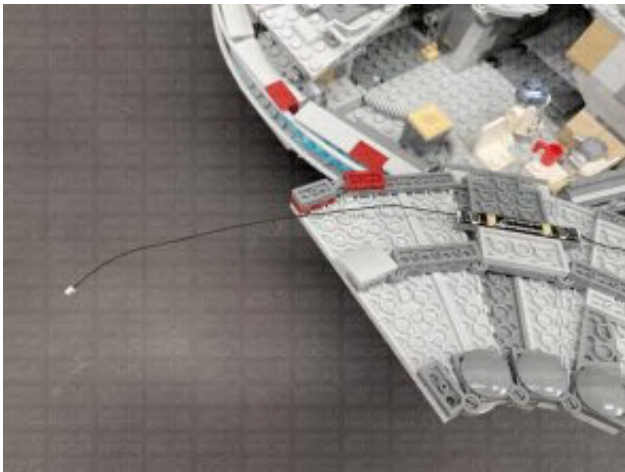
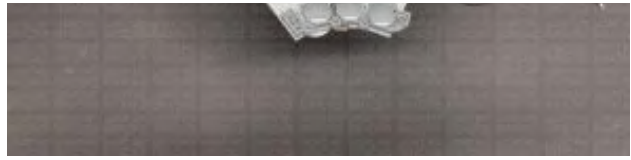


11.) Lift up the following roof panel. Connect a **50cm Connecting Cable** to another **White Strip Light**, then connect a **15cm Connecting Cable** to the other port. Using it's adhesive backing, stick the strip light to a provided LEGO **Plate 1x6**.



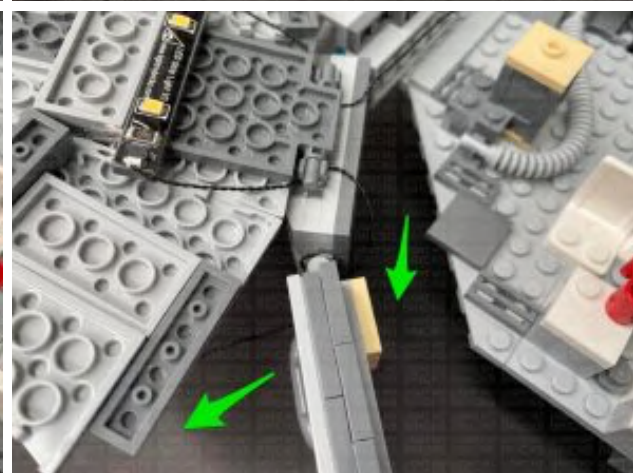
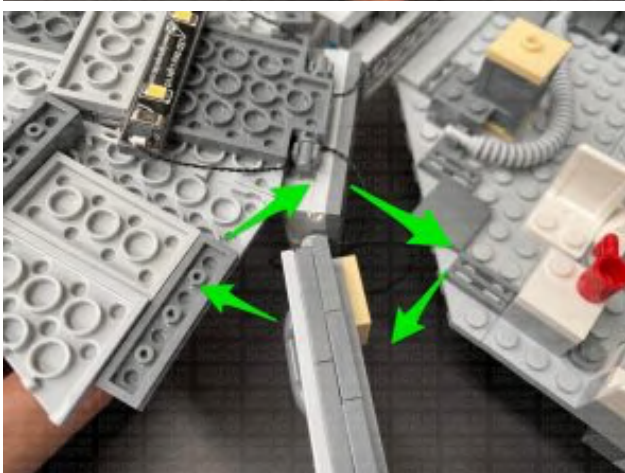
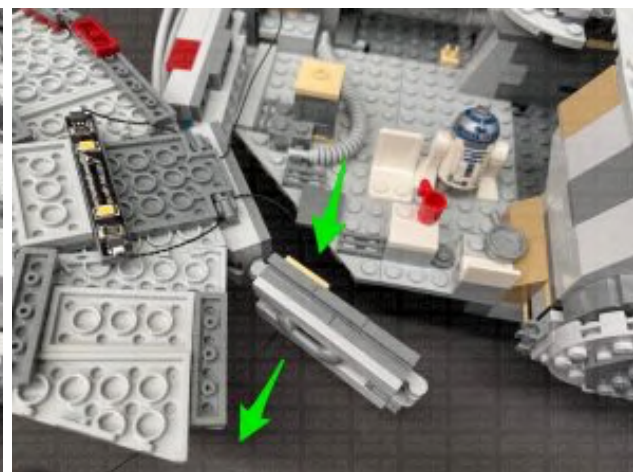
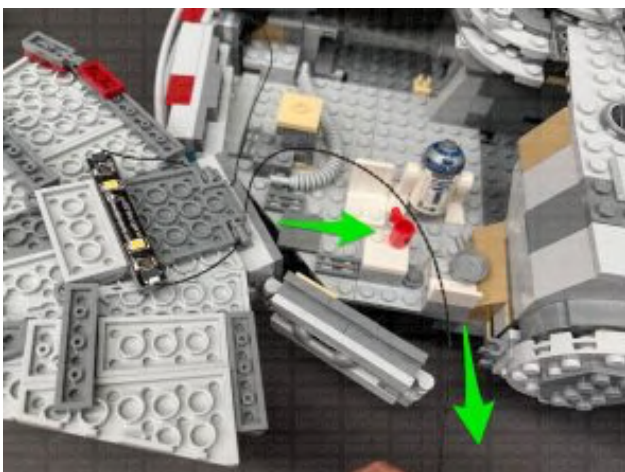
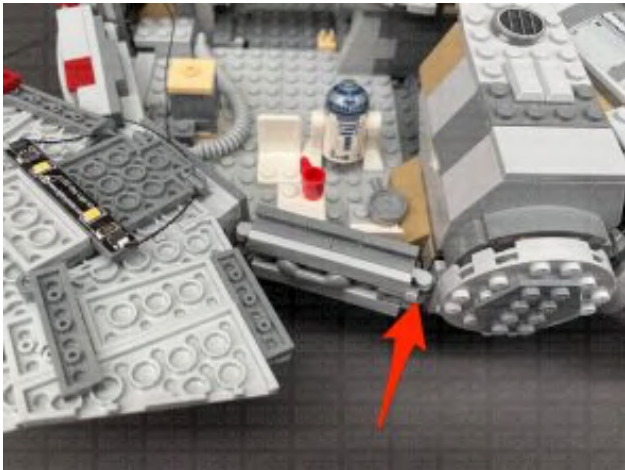
Mount the strip light underneath the roof panel (with the 50cm cable on the right side), then secure both cables underneath the panel in between the clips.



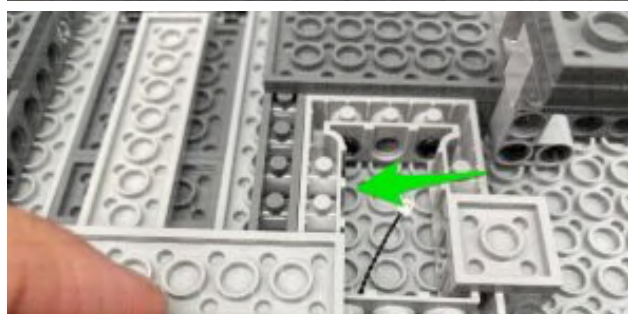
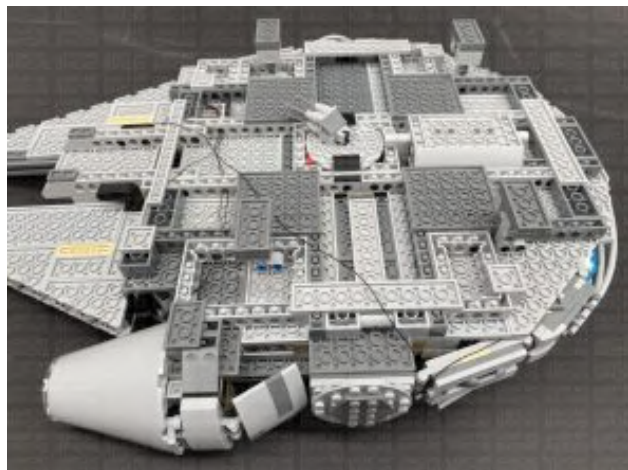
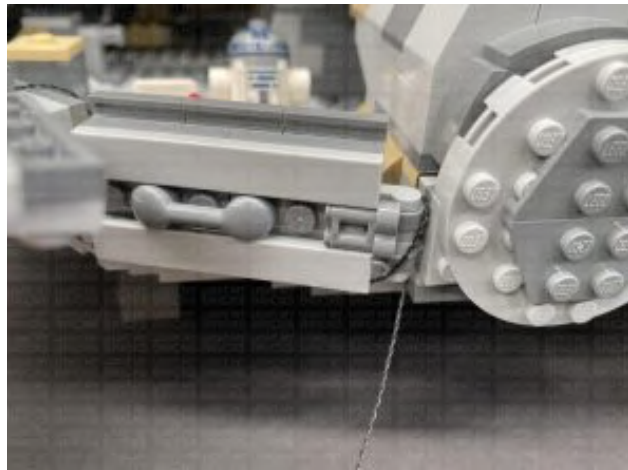
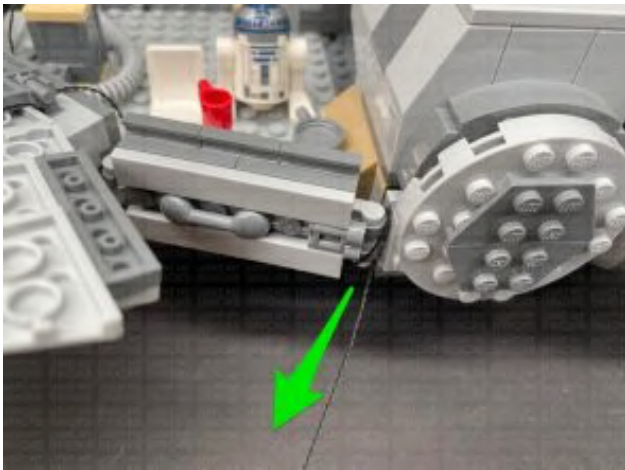
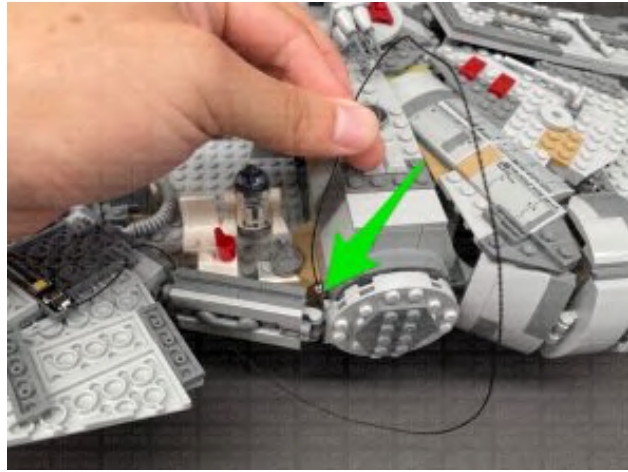
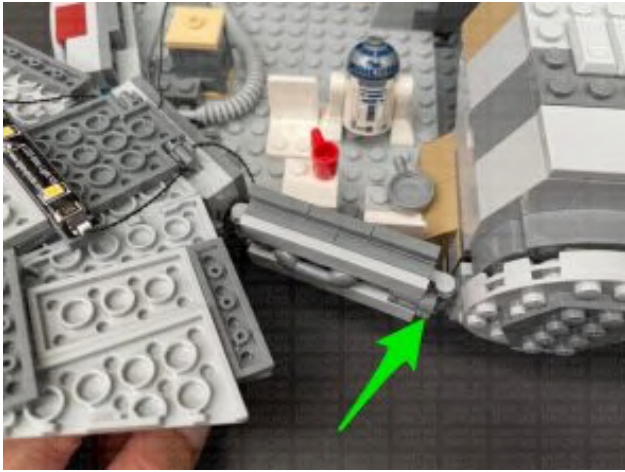


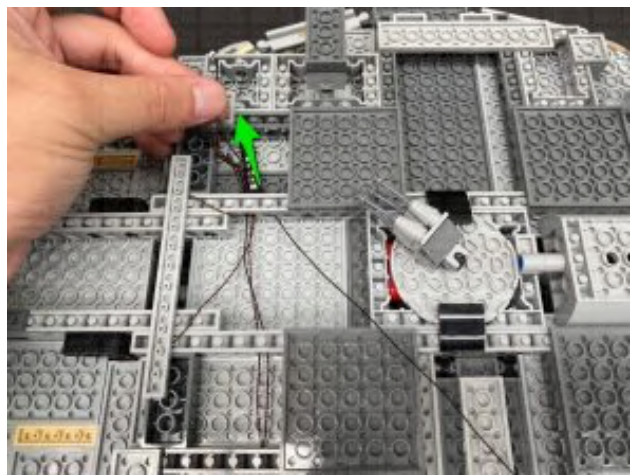
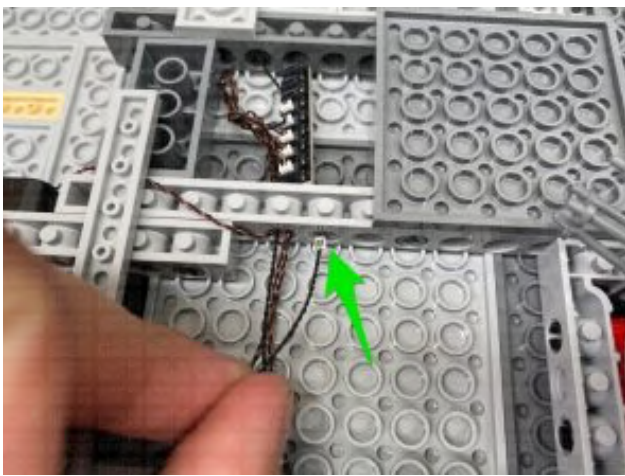
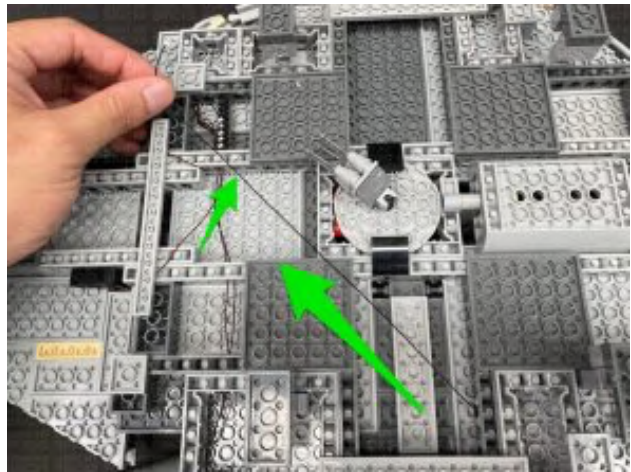
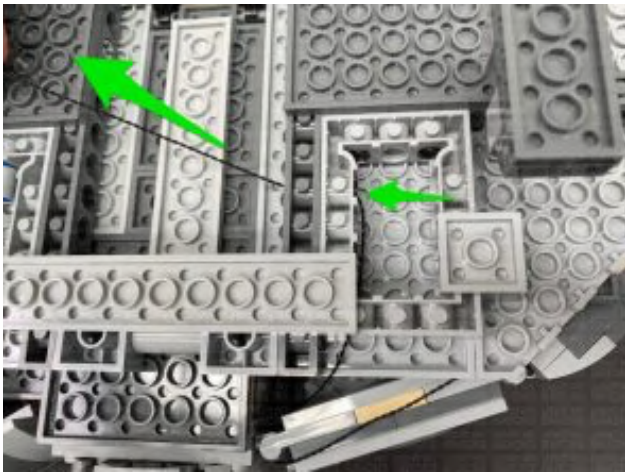


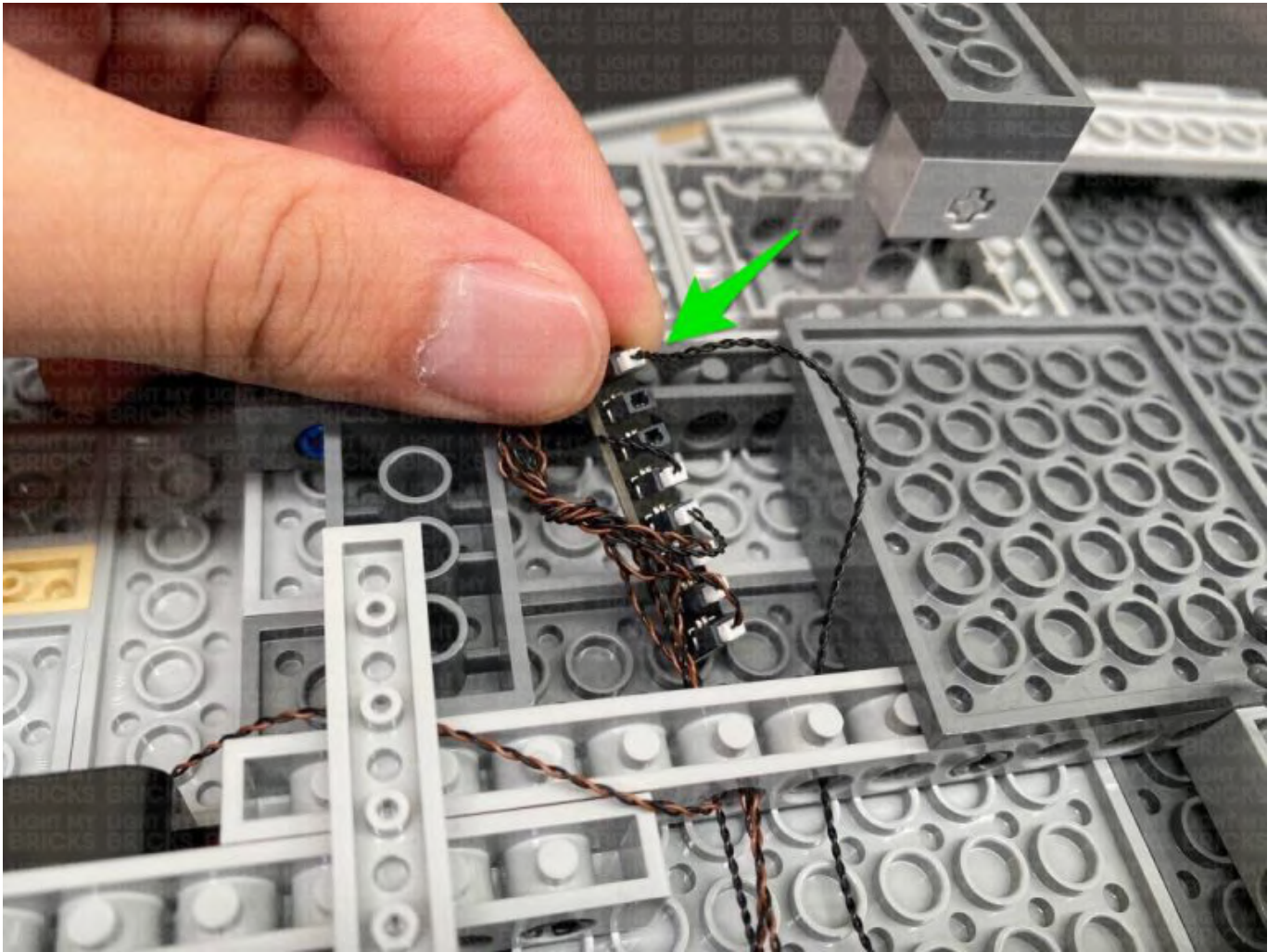
12.) Disconnect the rear horizontal panels via the clips on the right, then bring the 50cm Connecting Cable behind and loop it around the clips on the left twice to eliminate excess cable.



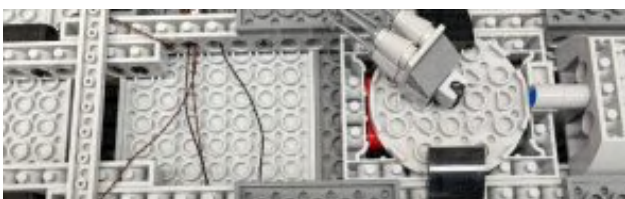
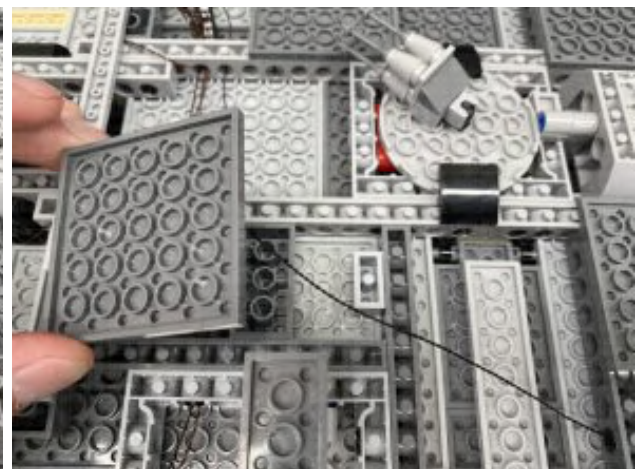
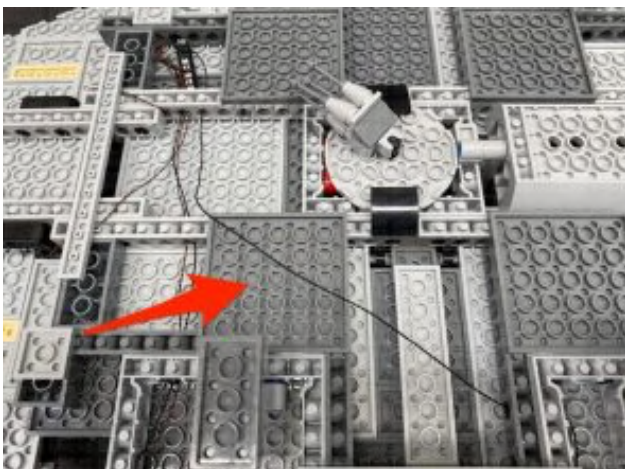
Reconnect the panel, then bring the cable underneath and thread it down the following space. Pull the cable down securely, then bring the cable underneath the ship. Flip the ship over and thread the cable through the following holes to connect it to a spare port on the 8-Port Expansion Board.

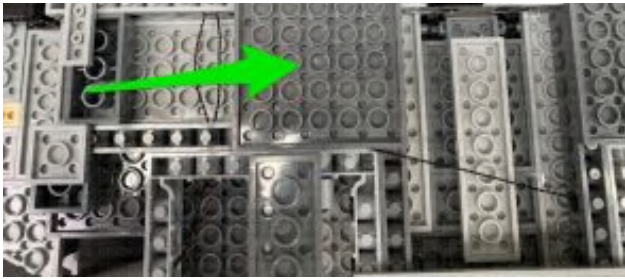




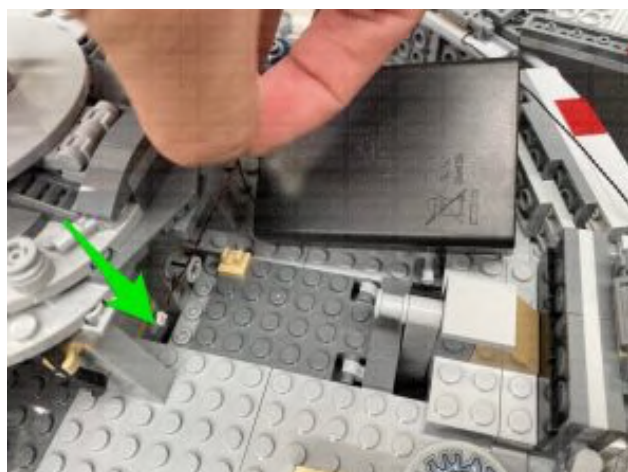


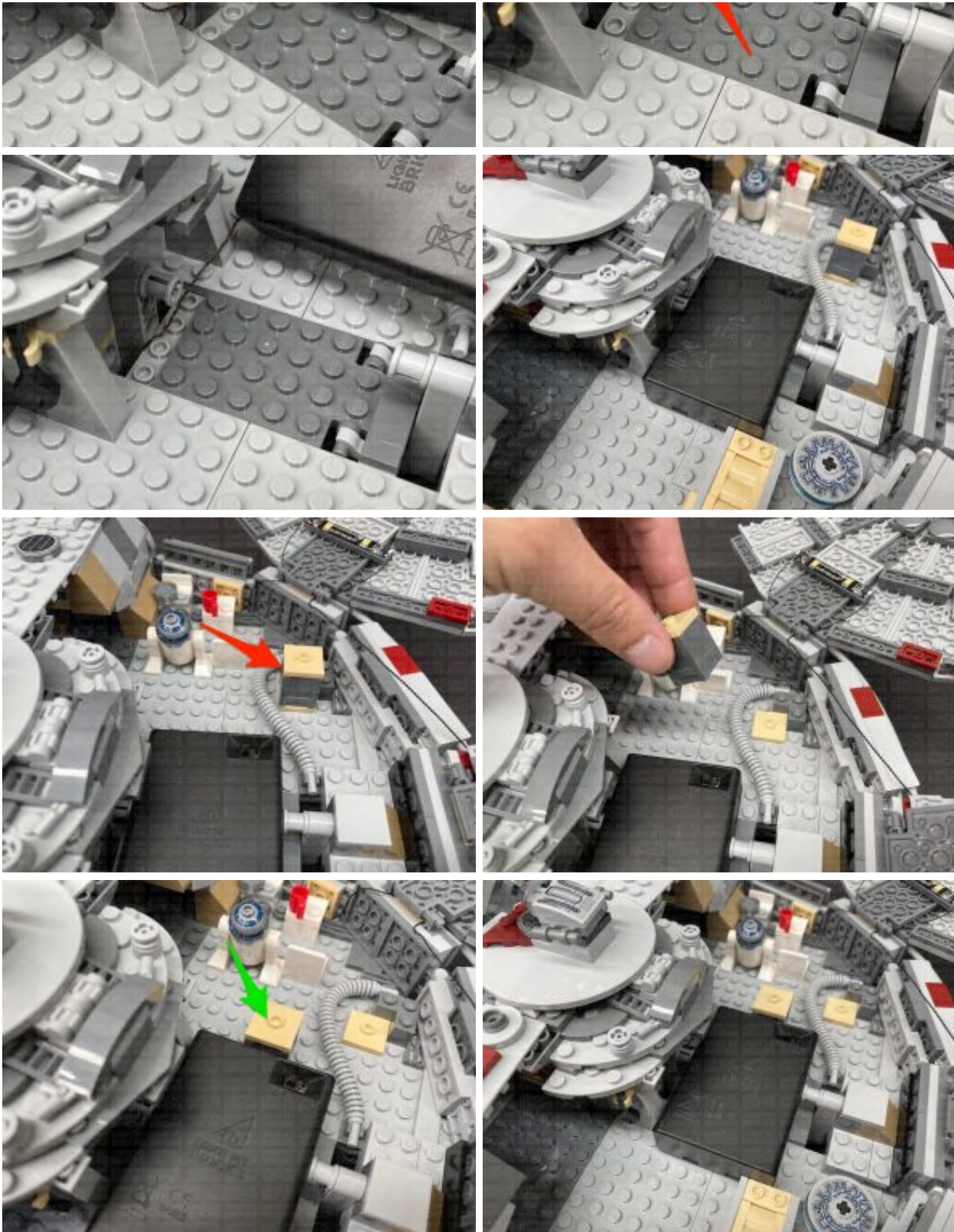
Disconnect the following dark grey plate and lay the 50cm cable underneath in between studs. Reconnect the plate over the top.





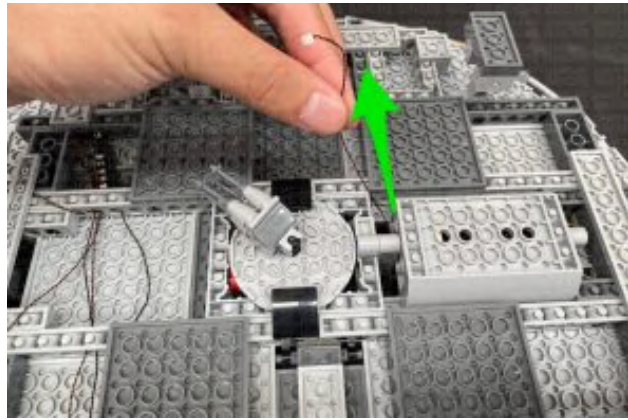
13.) Lift up the back roof panels and thread the AA Battery Pack cable down the following hole. Disconnect the beige coloured plate, then position the battery pack inside ensuring the switch is facing up. Secure the Battery Pack from moving around by repositioning the following crate above.



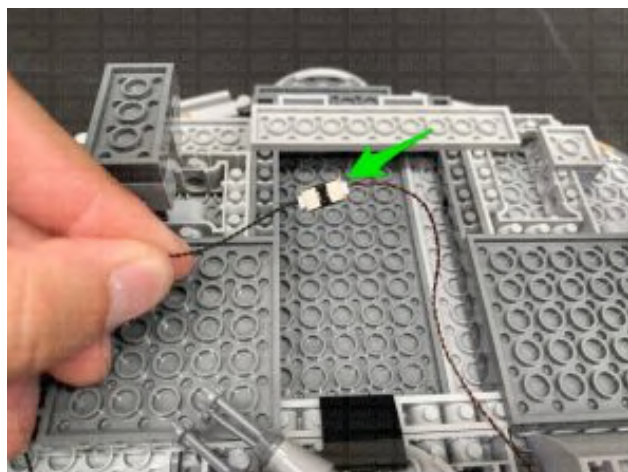
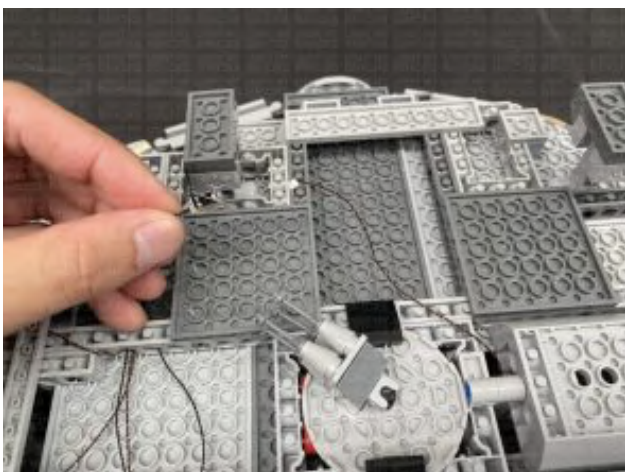
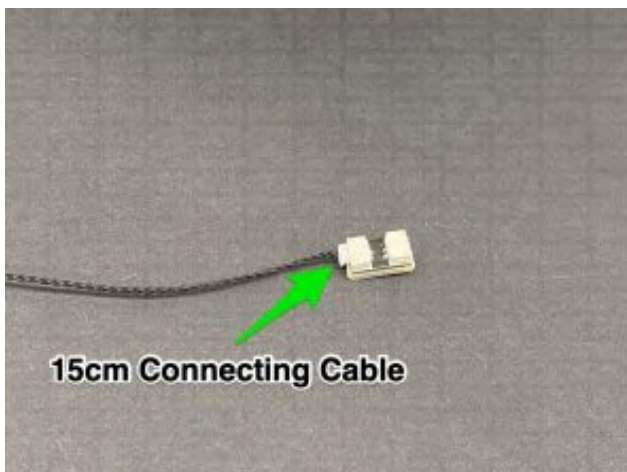


Close the rear roof panels to securely hold the AA Battery Pack, then carefully flip the ship over (to prevent the AA Battery pack from falling out) and pull the battery pack cable out from underneath.



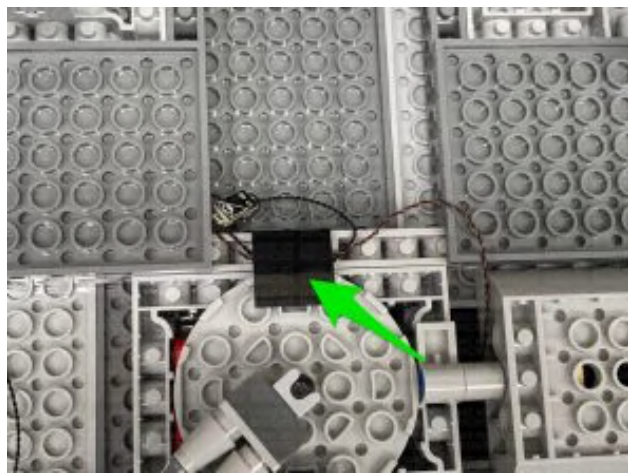
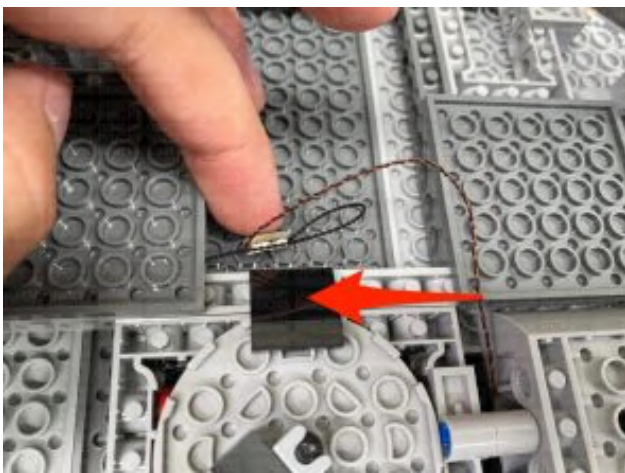
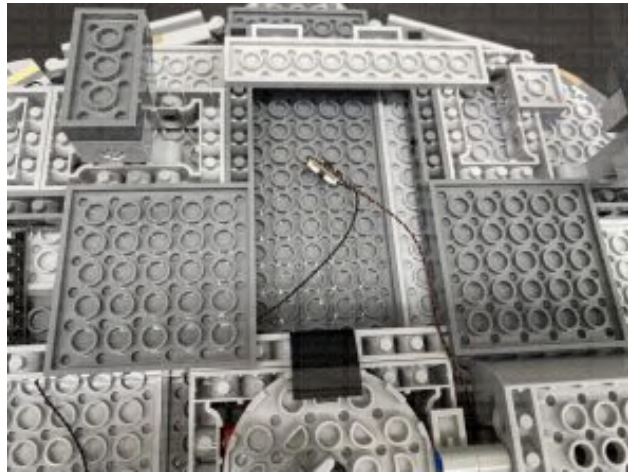
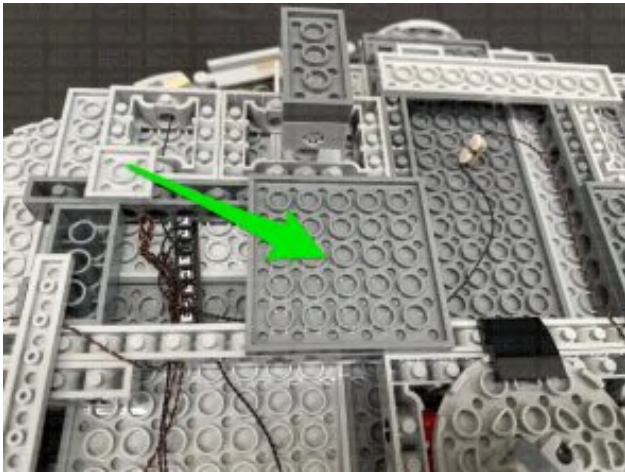
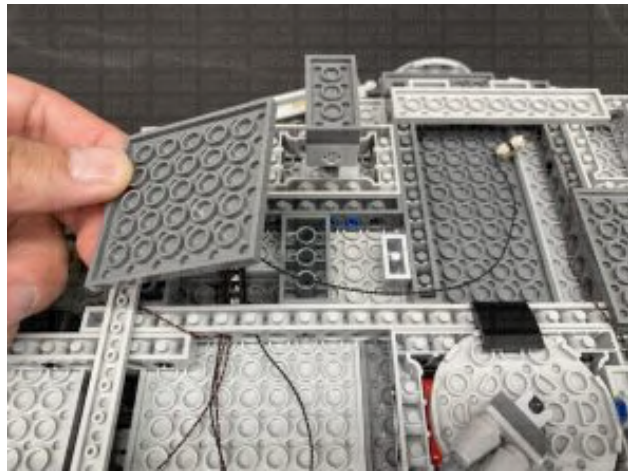
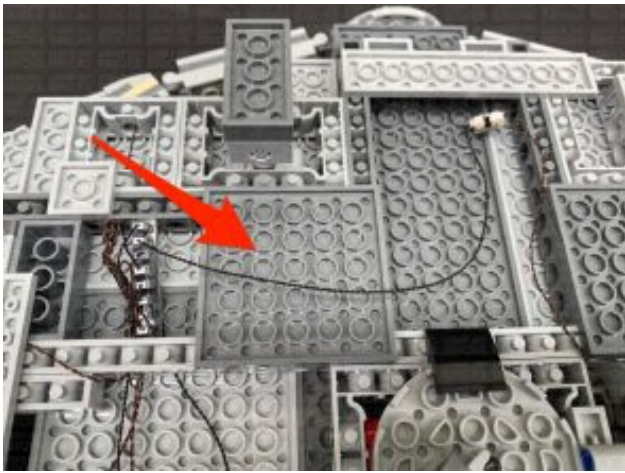
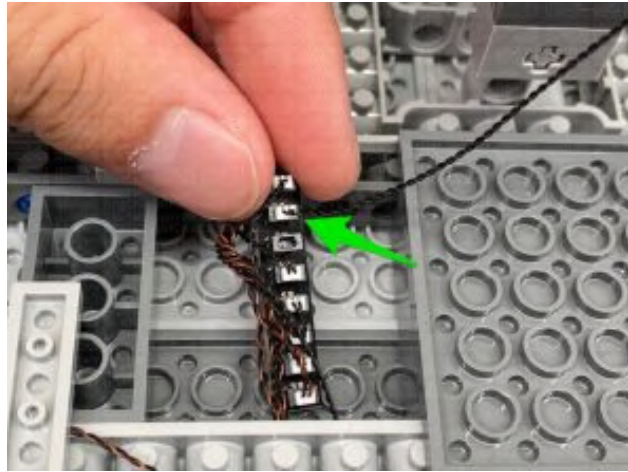
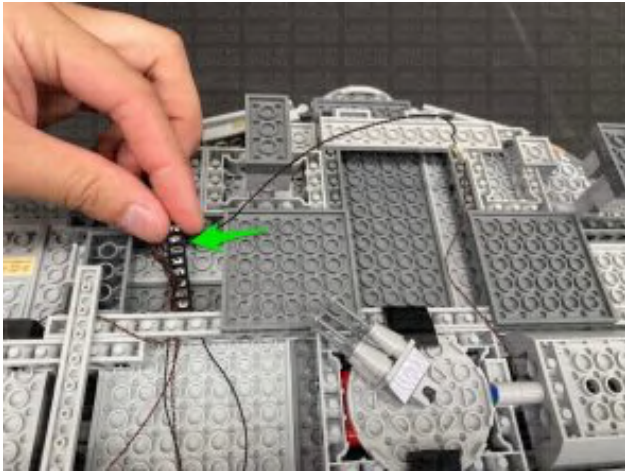


14.) Connect a **15cm Connecting Cable** to a **2-Port Expansion Board**, then connect the Battery Pack cable underneath the ship to the other port.

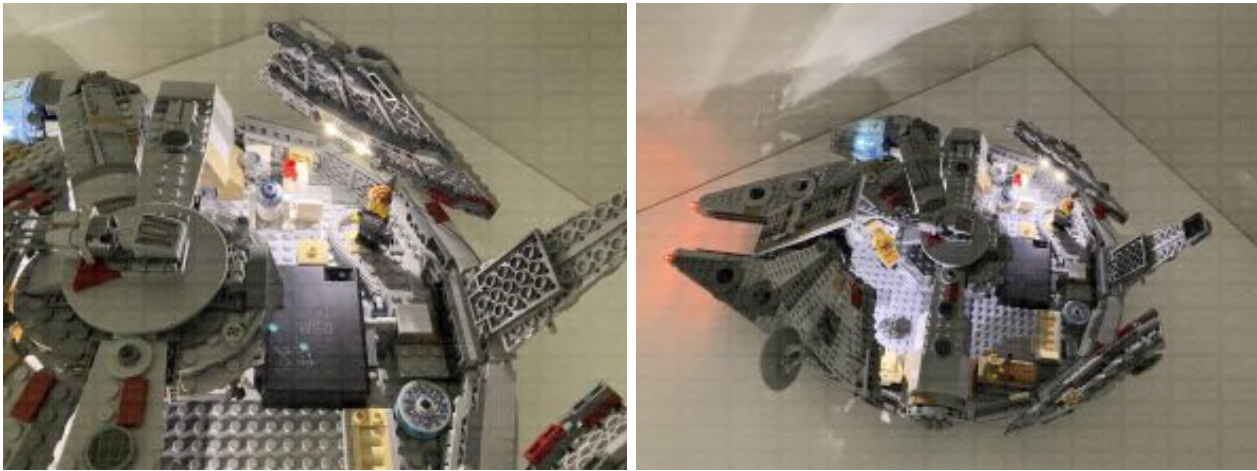


Connect the other end of the 15cm Connecting Cable to a spare port on the 8-port expansion board, then secure the cable underneath the following dark

grey plate as well as the black curved plate toward the right.



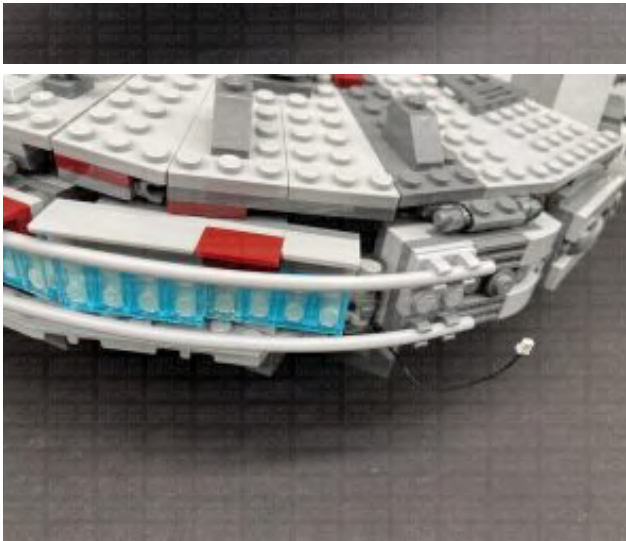
Turn ON the Battery Pack to test the lights installed so far are working OK.



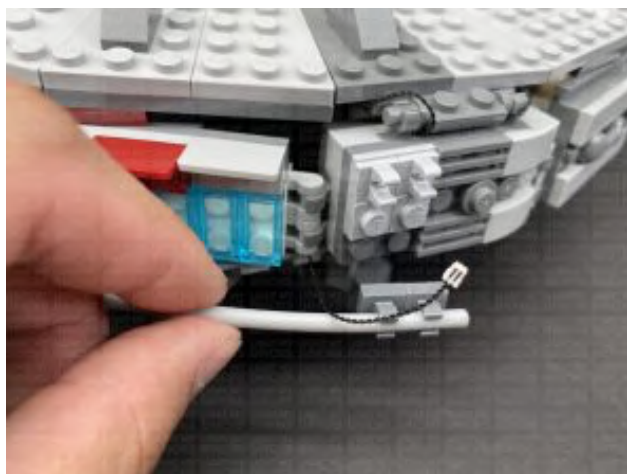
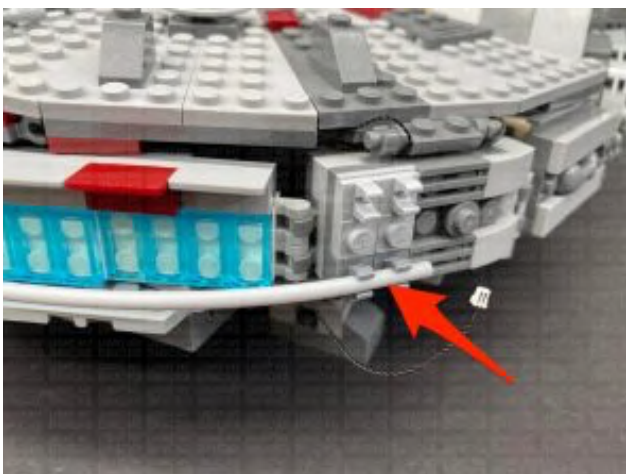
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light, expansion board or effects board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

15.) Take the other end of the 15cm cable from the back of the ship and thread it down the space behind the clips, then disconnect the long grey horizontal bar from the top.



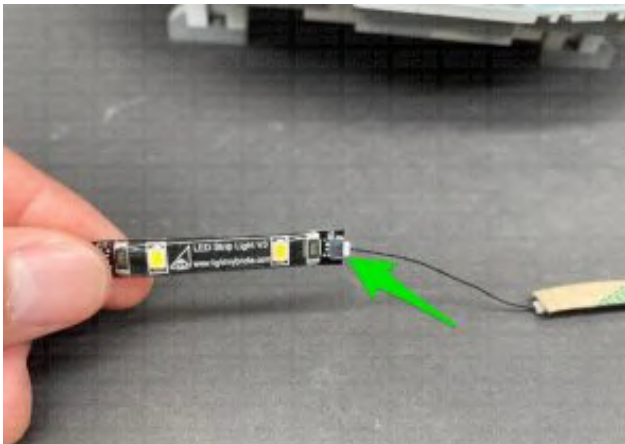
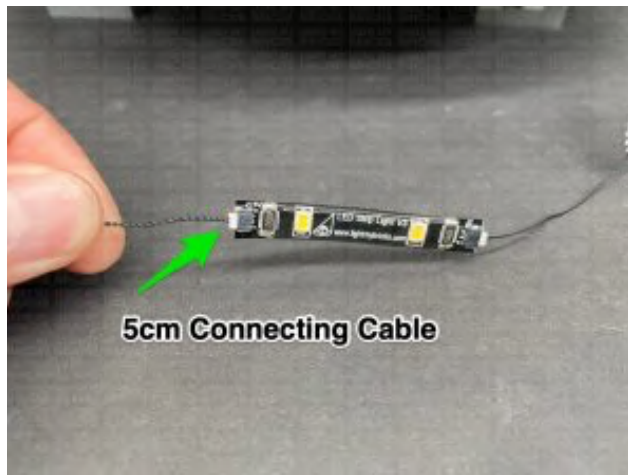
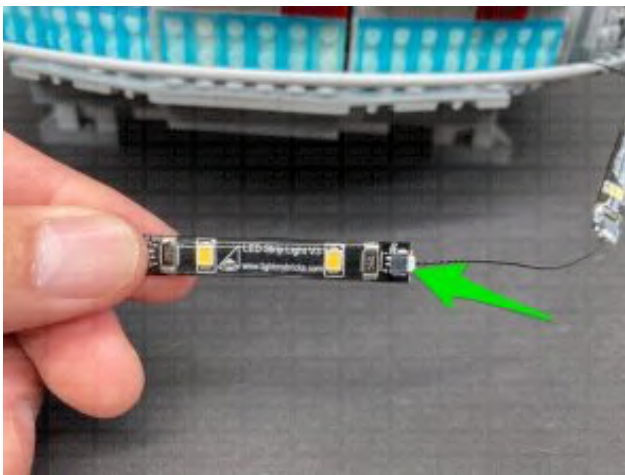
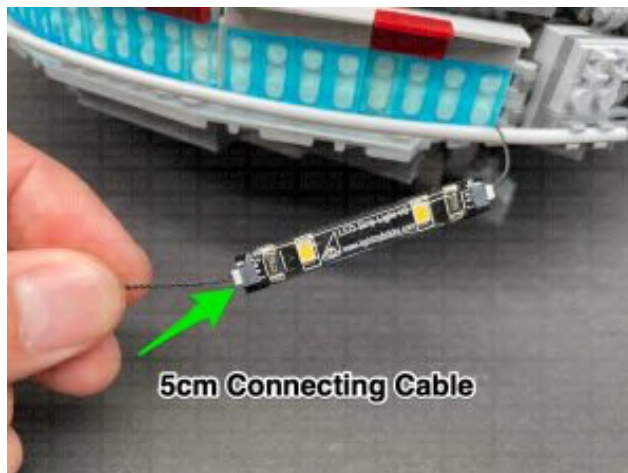
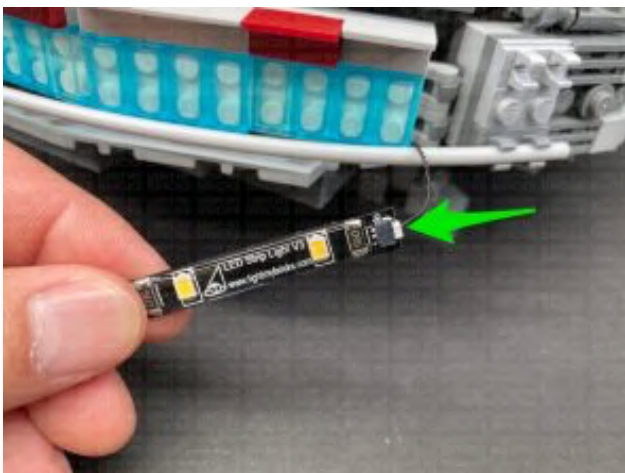


Disconnect the right side of the bottom horizontal bar and bring the 15cm cable up underneath before reconnecting the bar.



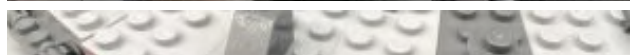
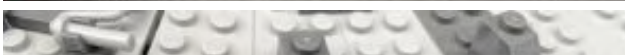
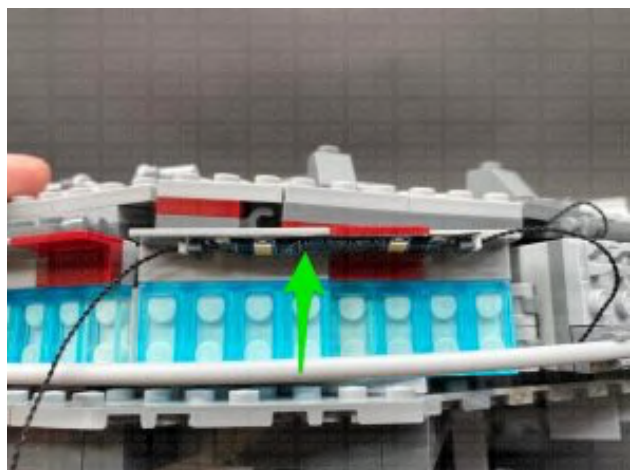
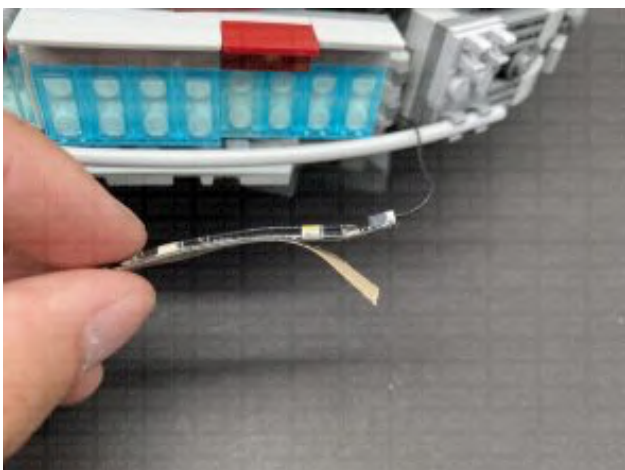


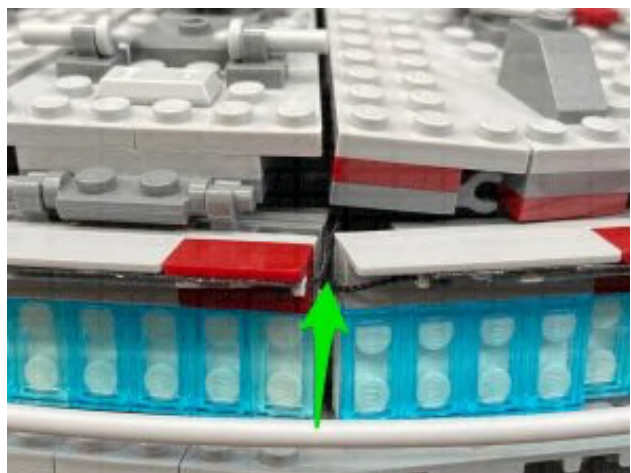
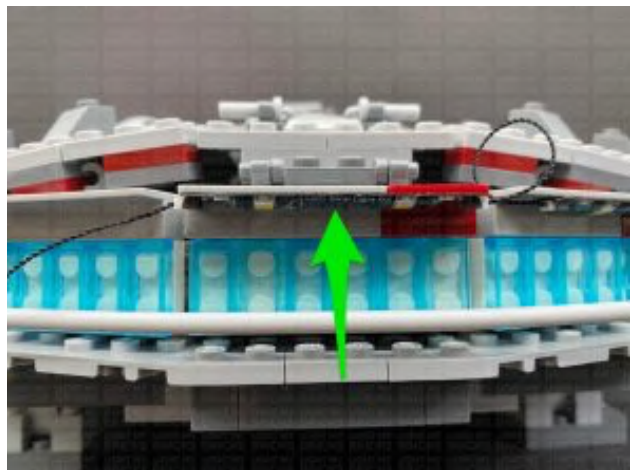
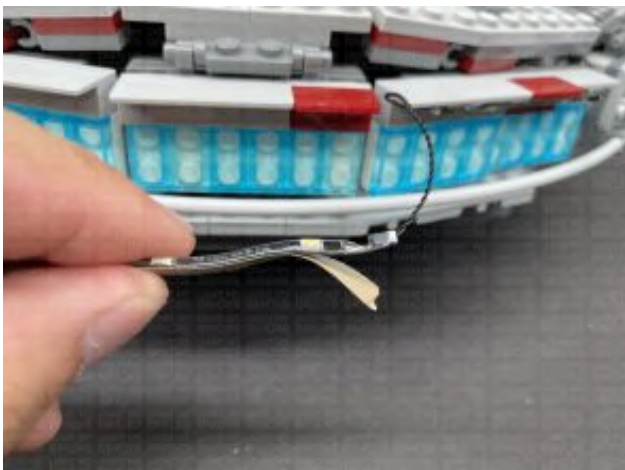
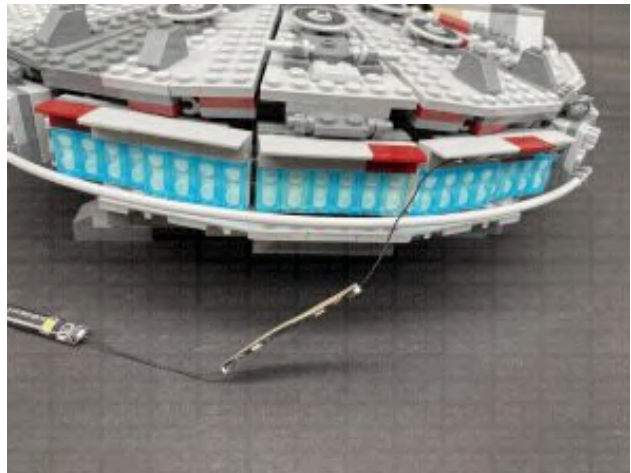
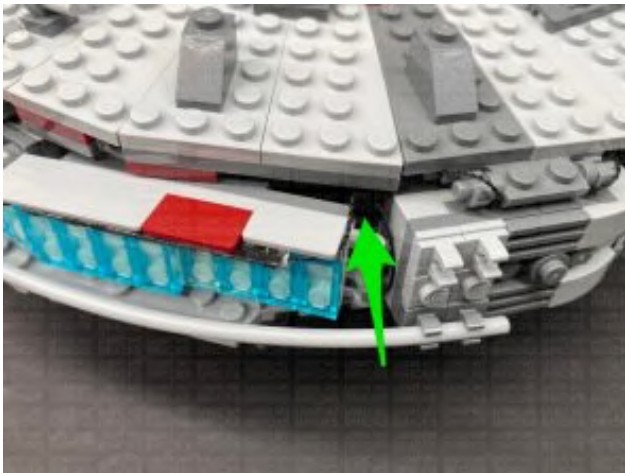
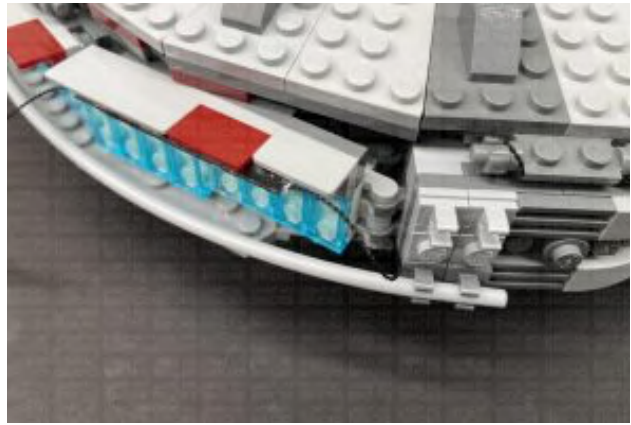
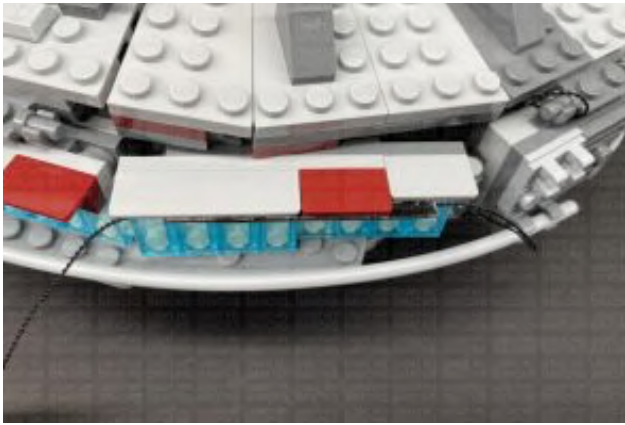
16.) Connect the 15cm Cable to a **White Strip Light**. Connect another **2x White Strip Lights** to the first strip light using **2x 5cm Connecting Cables**.





17.) Stick the first two Strip Lights underneath the angled tiles above the jet lights, then tuck in any excess cable to the right and left gaps as shown below.





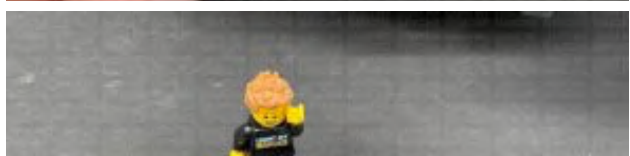
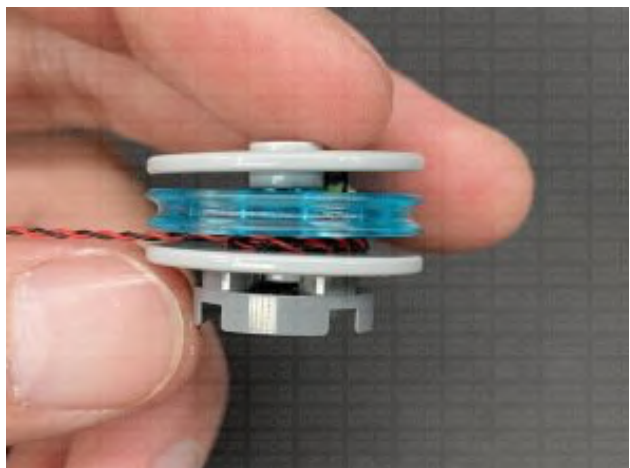
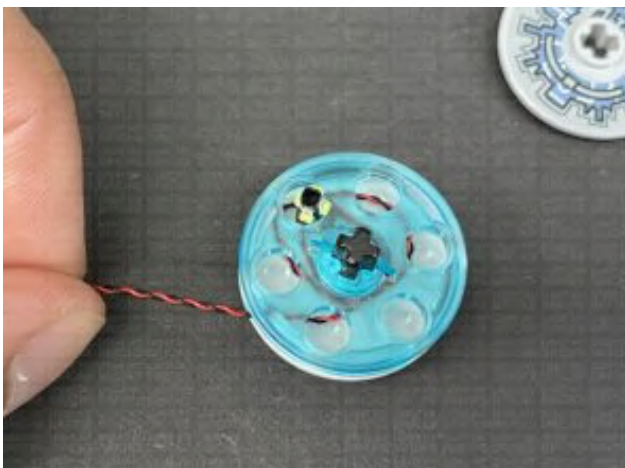
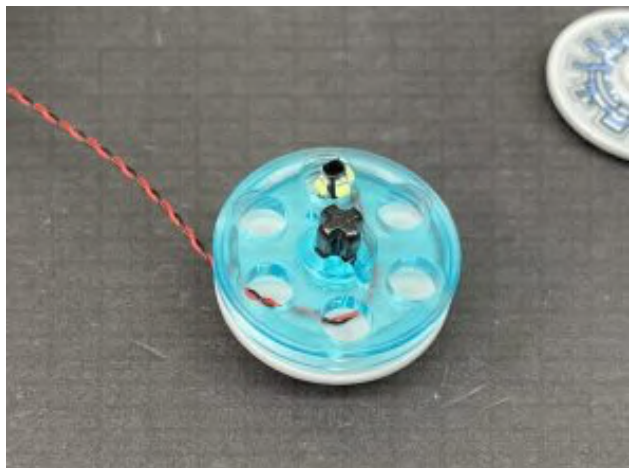
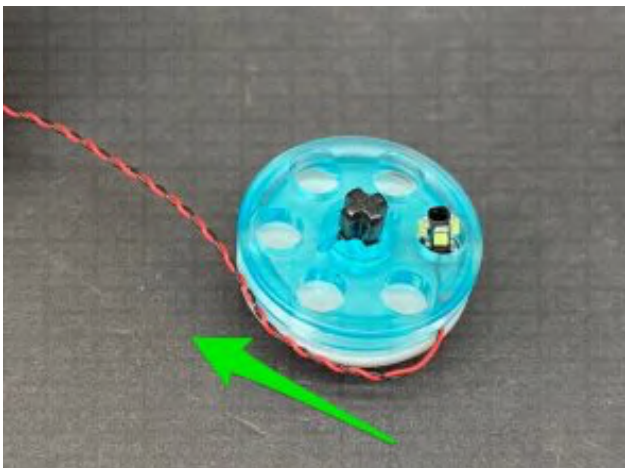
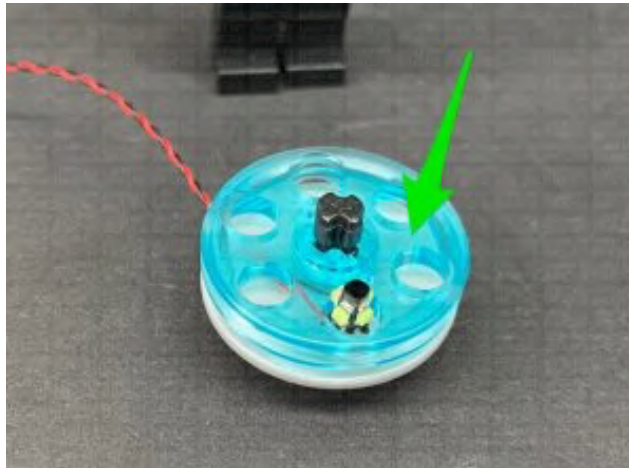
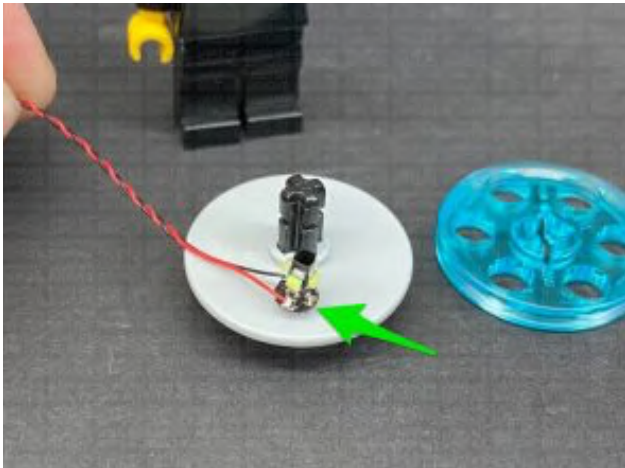


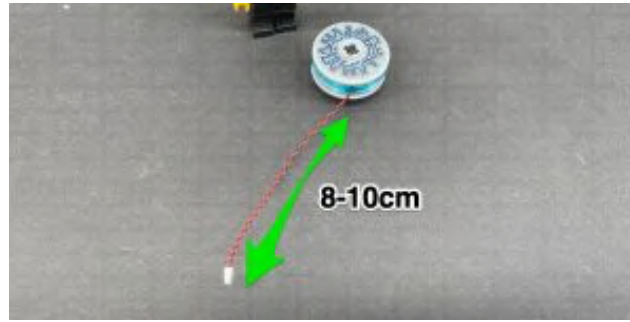
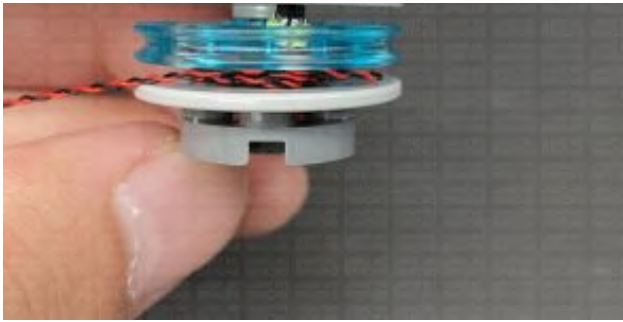
18.) Lift up the following roof panel, then disconnect the hyperdrive unit and disassemble it as per below.



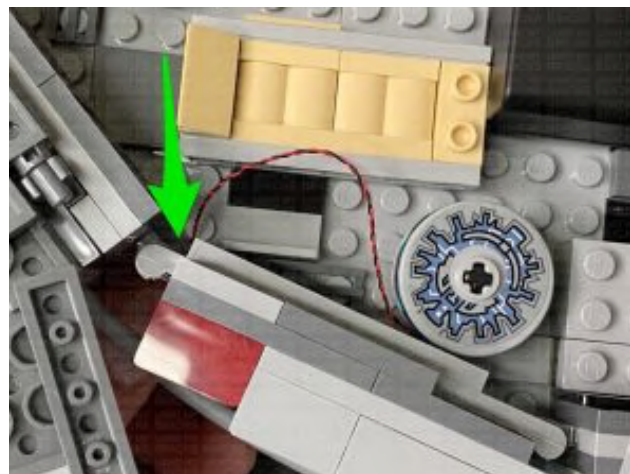
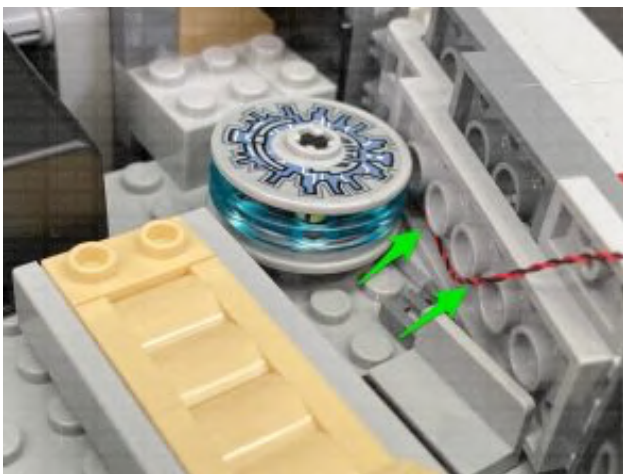
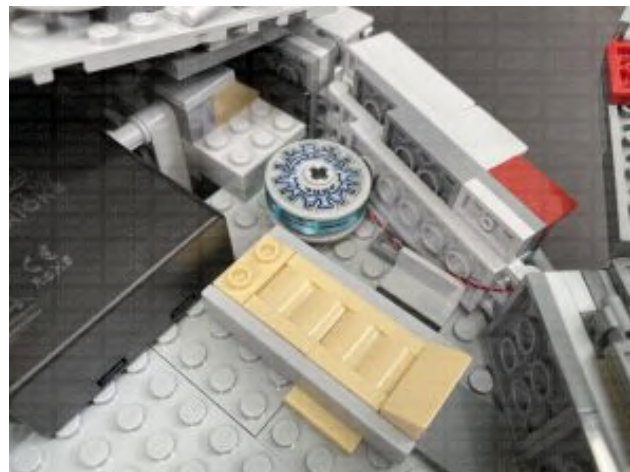


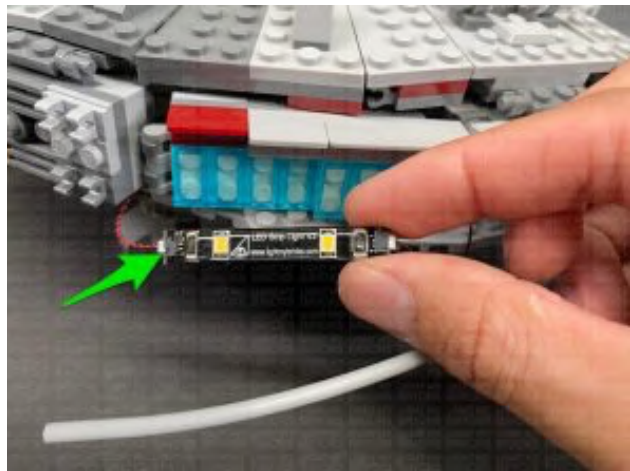
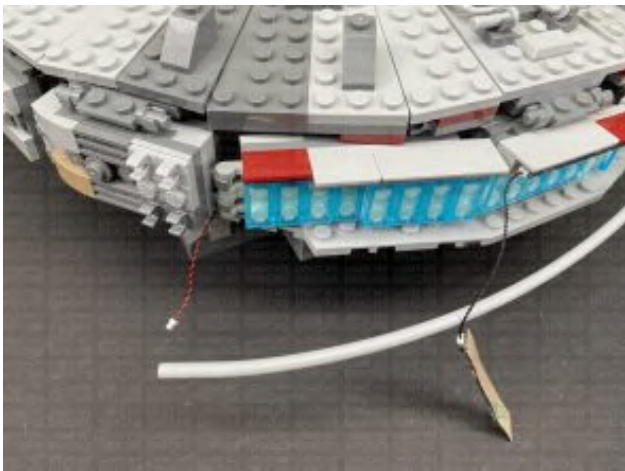
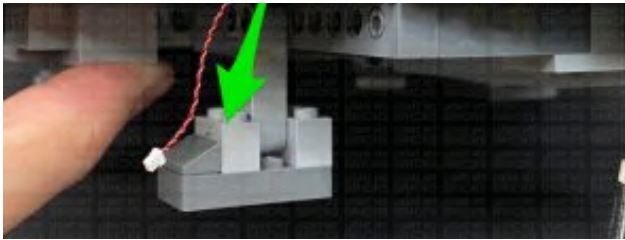
Place the **Rotating White 30cm Bit Light** inside and secure it in place by reconnecting the trans blue wheel. Wind the excess cable around the wheel several times until you have about 8-10cm of cable left.



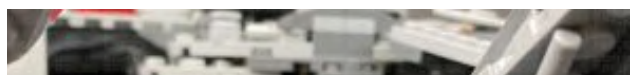
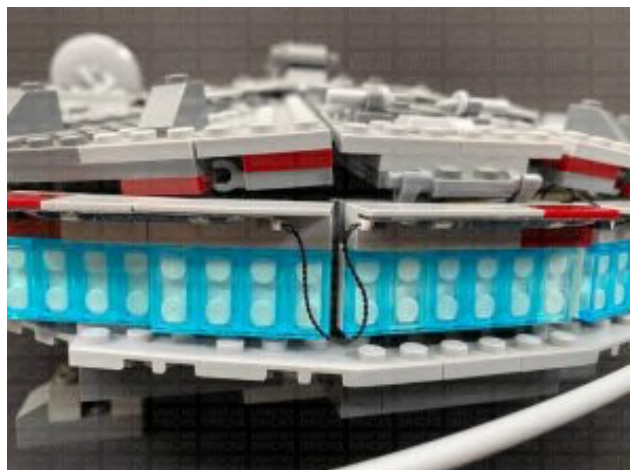
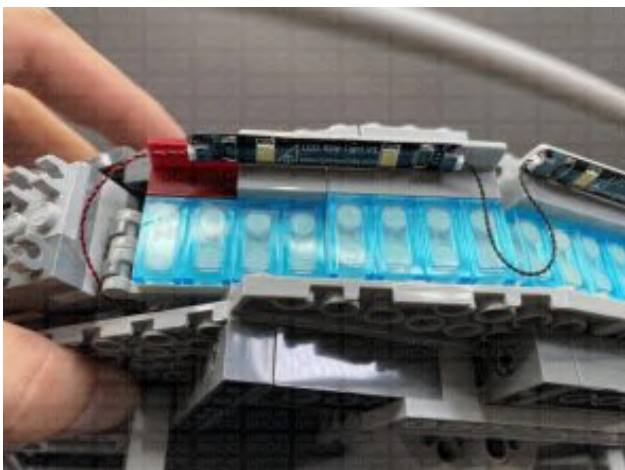
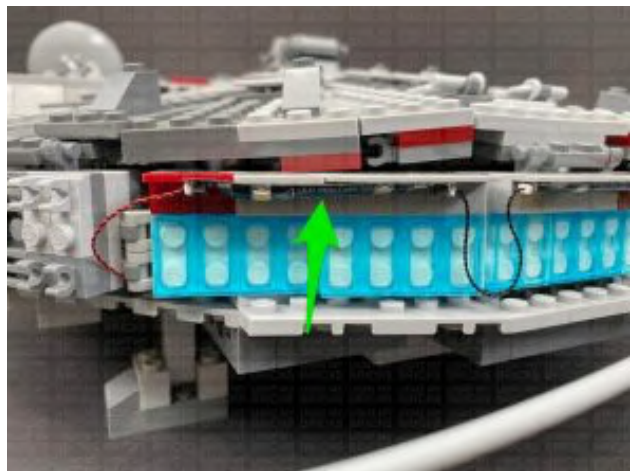
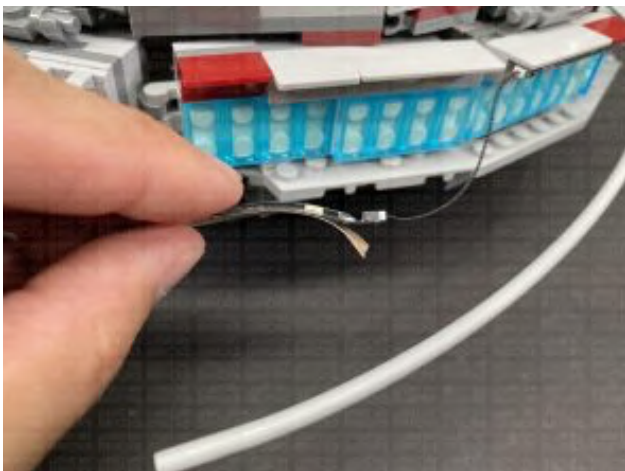


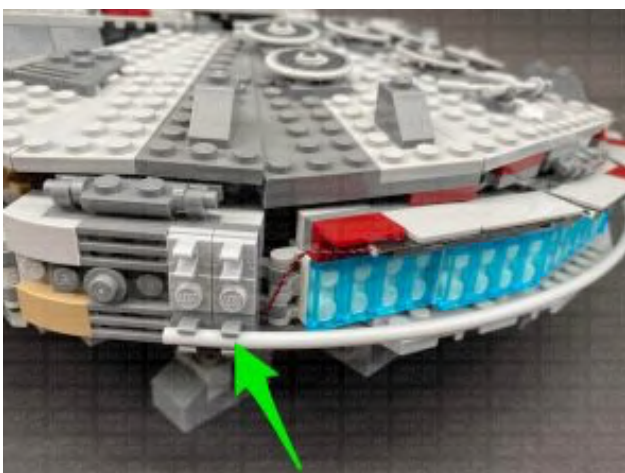
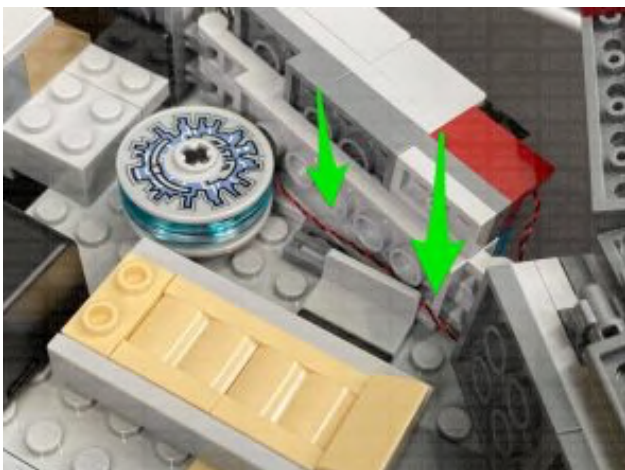
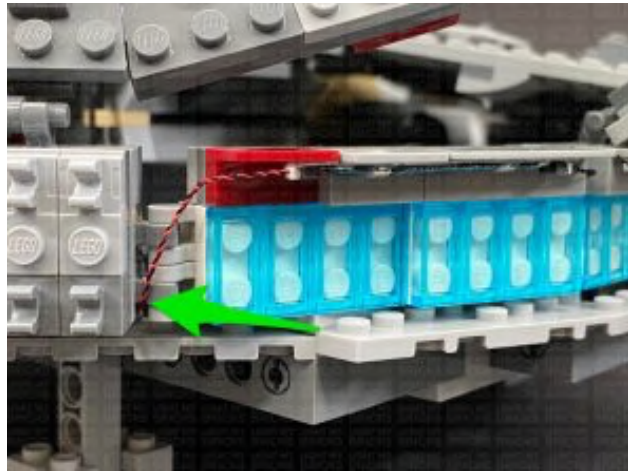
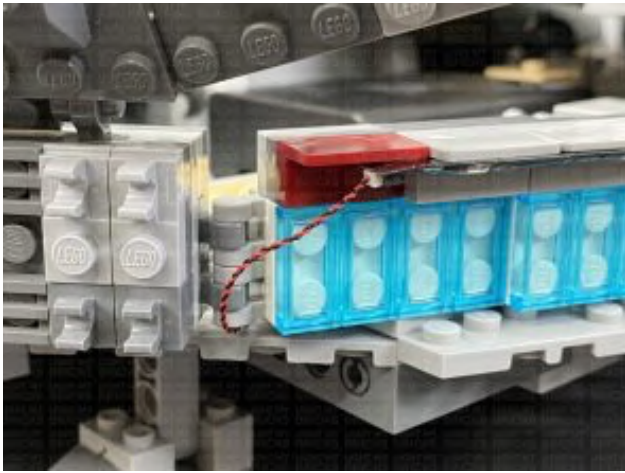
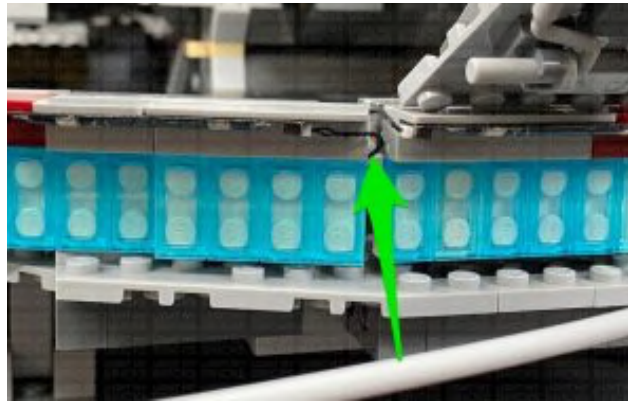
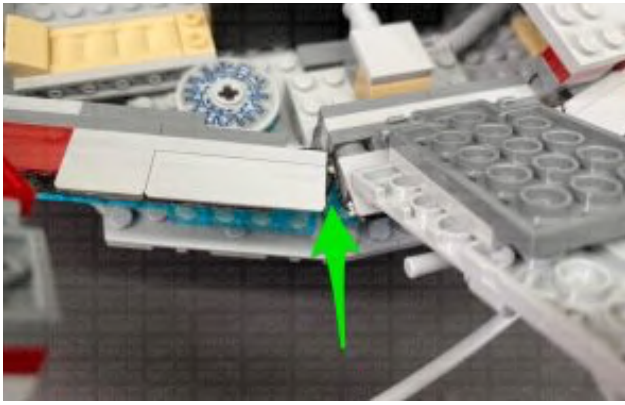
19.) Reconnect the hyperdrive unit to the ship and thread the cable down underneath the panel clips, pulling it down from the outside. Disconnect the left clips from the bottom horizontal bar, then connect the rotating bit light cable to the third Strip Light.





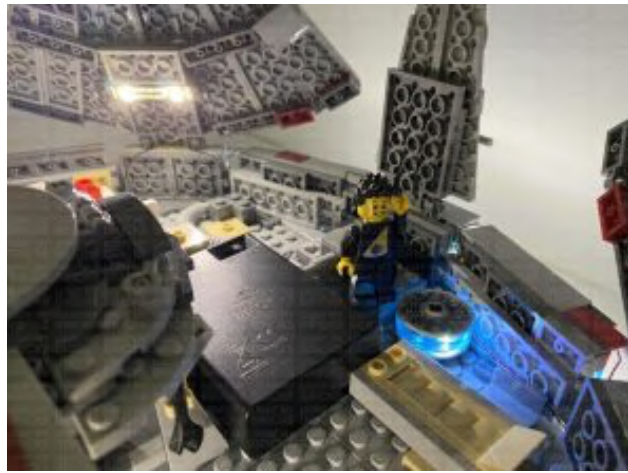
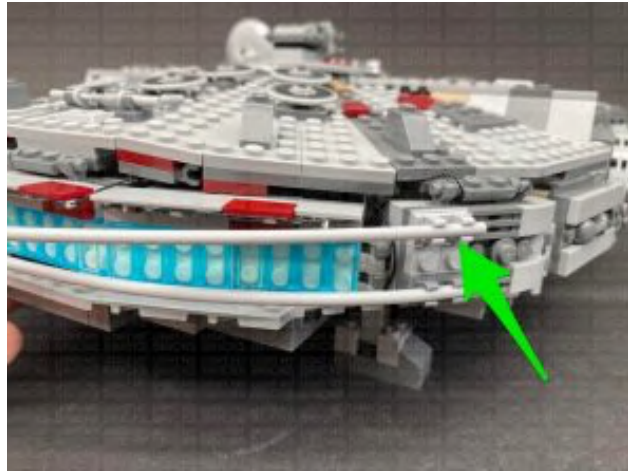
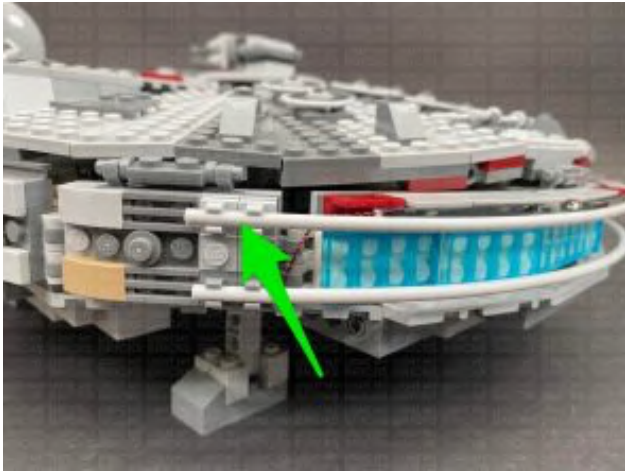
Stick the strip light underneath the tiles above the jet lights. Tuck in the excess cables on each side, then reconnect the left side of the horizontal bar.





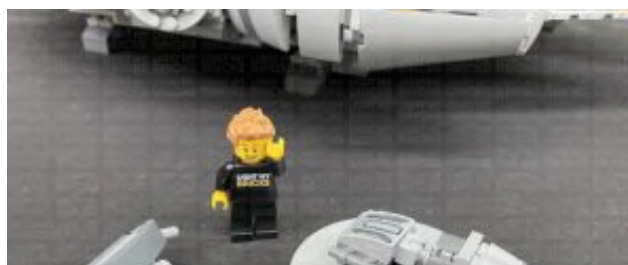
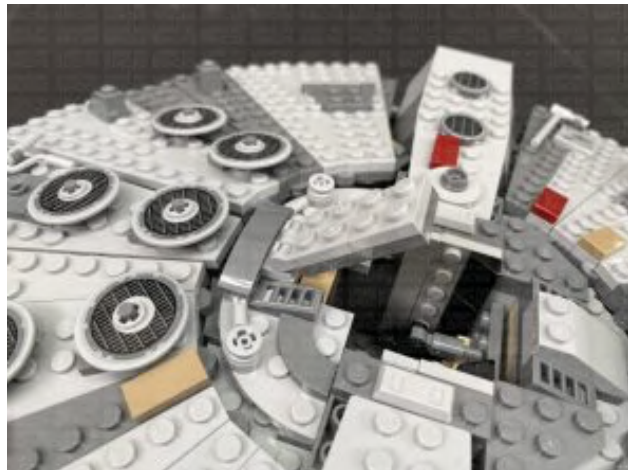
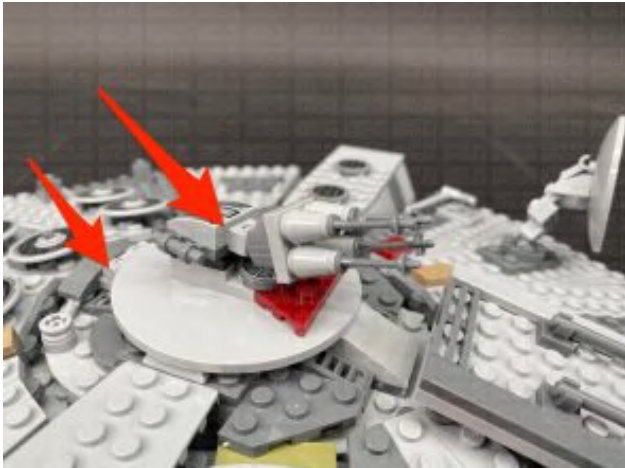
Reconnect the horizontal bar on the top of the jet lights, then turn ON the AA

Battery Pack to test all the lights are working OK.



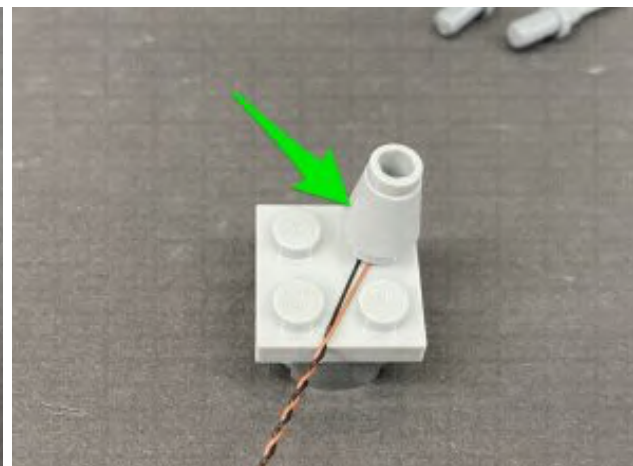
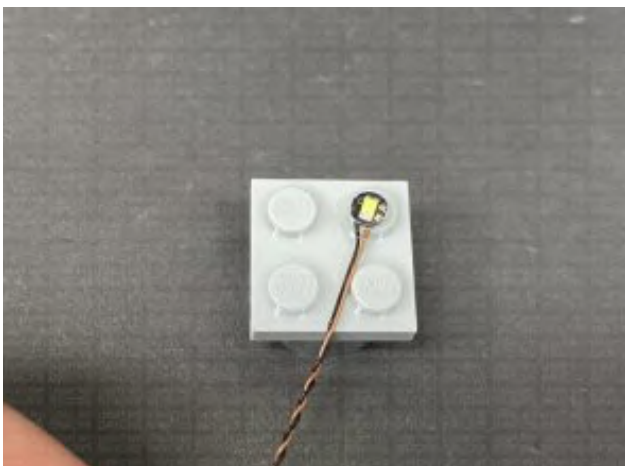
*Note: If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light, expansion board or effects board). To correct any issues with expansion board ports, please view the section addressing expansion board issues on our **online troubleshooting guide**.*

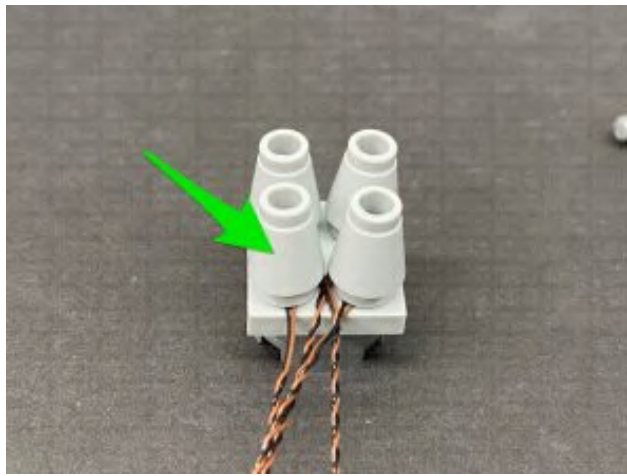
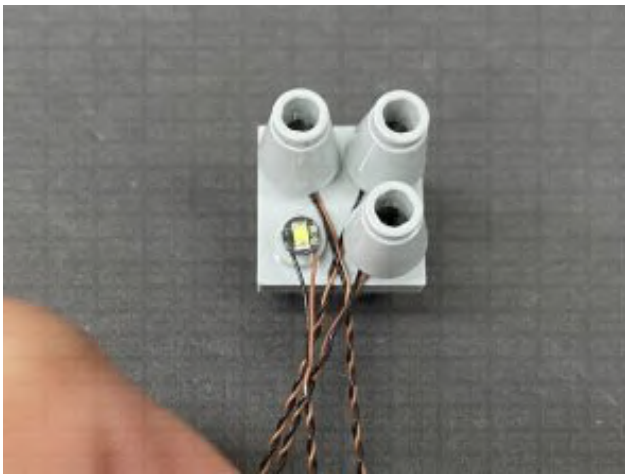
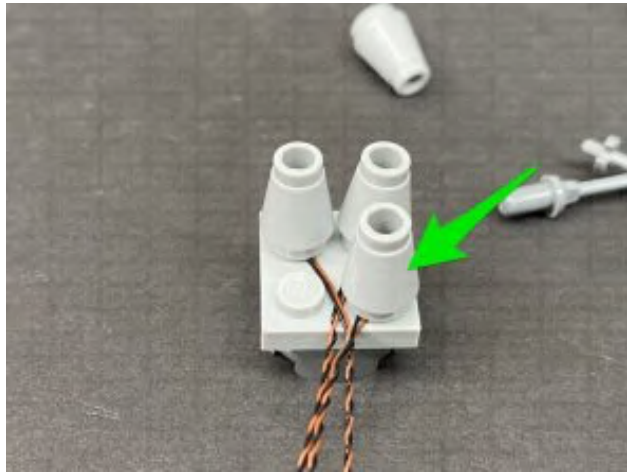
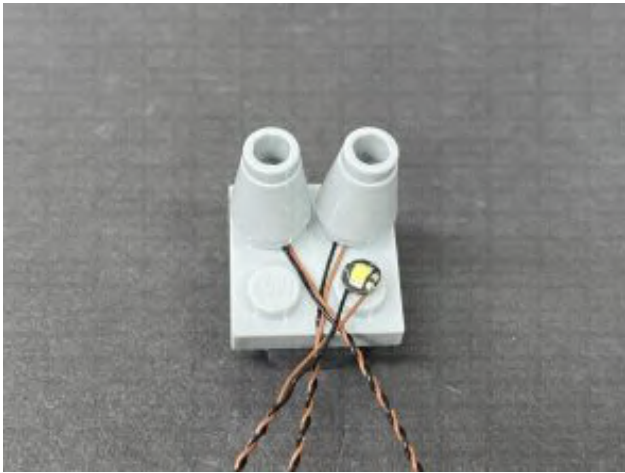
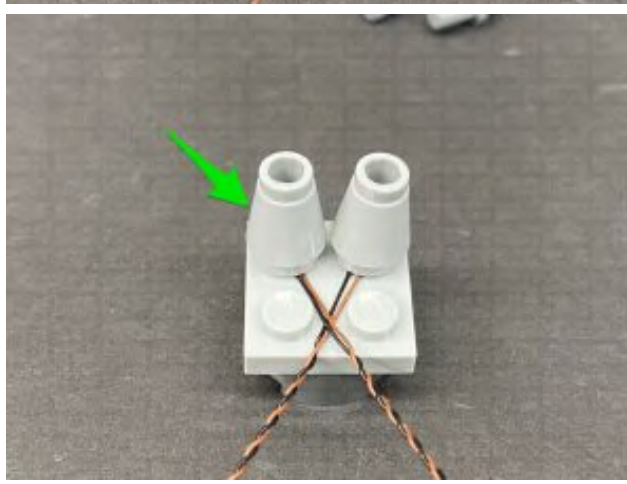
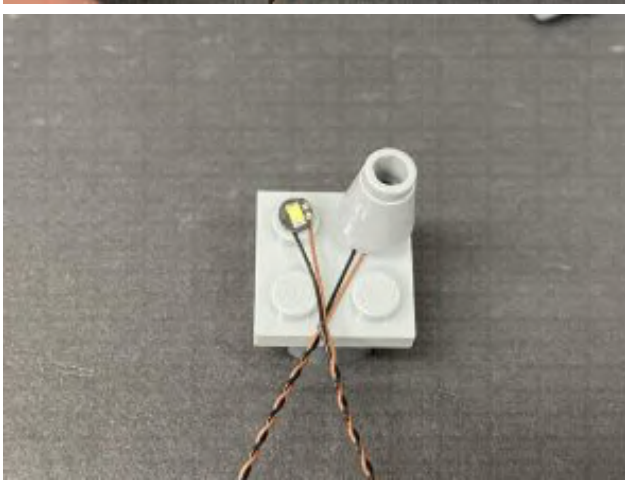
20.) Disconnect the upper cannon section, then disassemble it as shown below.



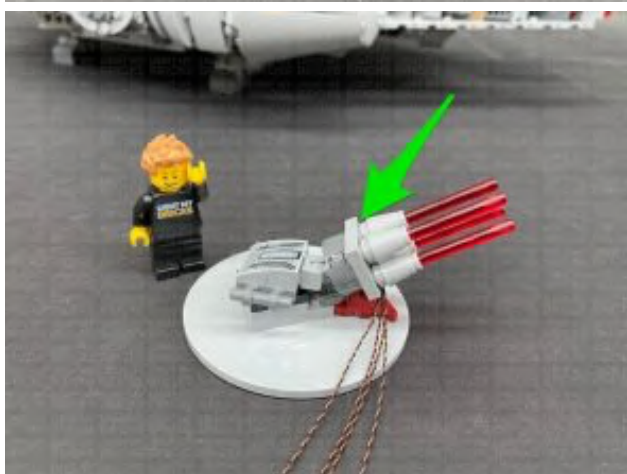
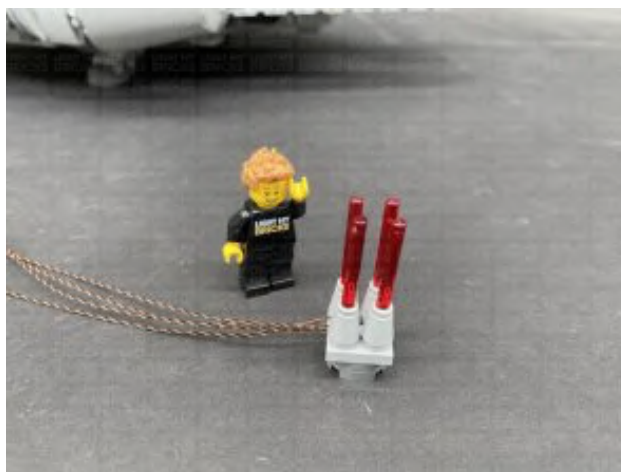
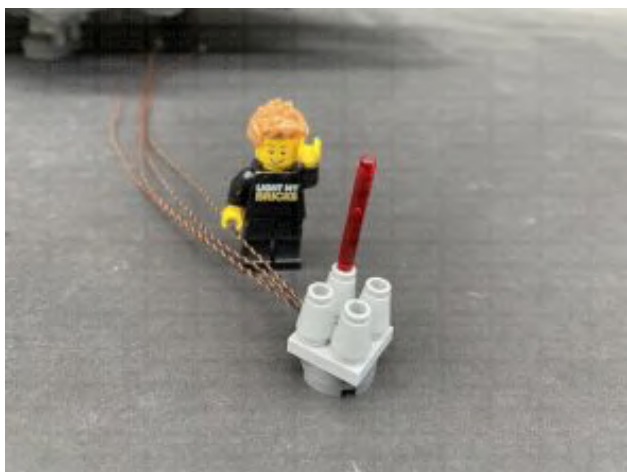


21.) Install **4x Cool White 30cm Bit Lights** to the 2x2 plate ensuring all the cables are laid as shown below.



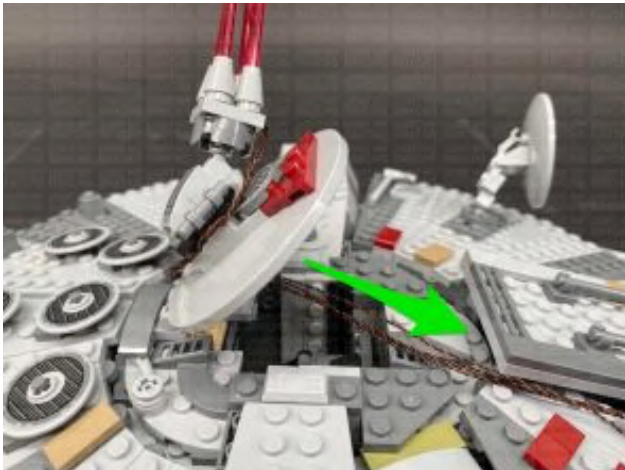
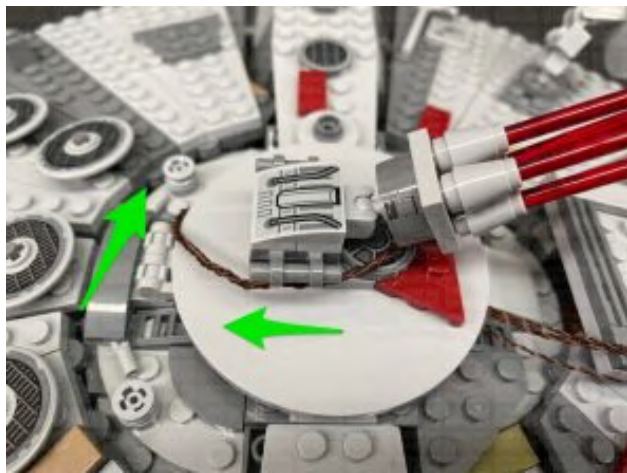
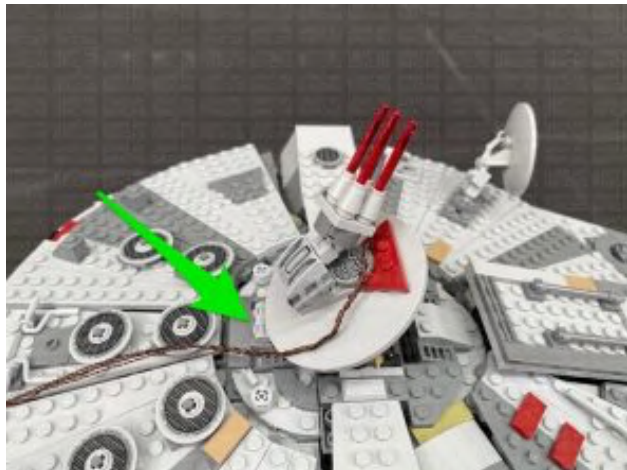
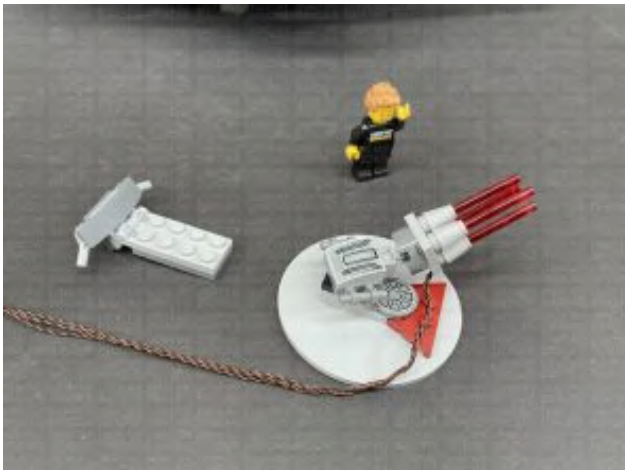
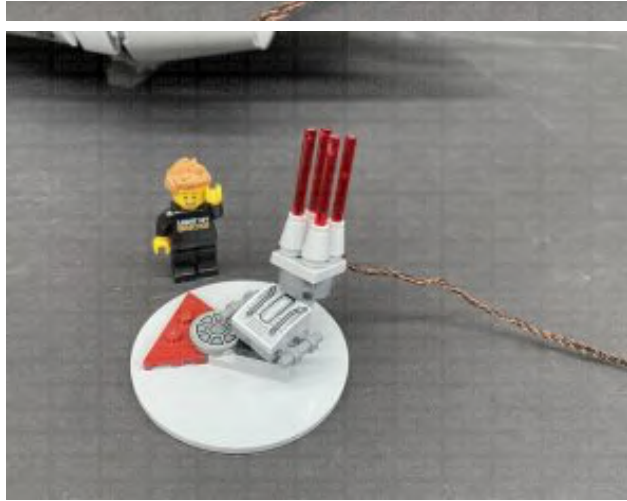
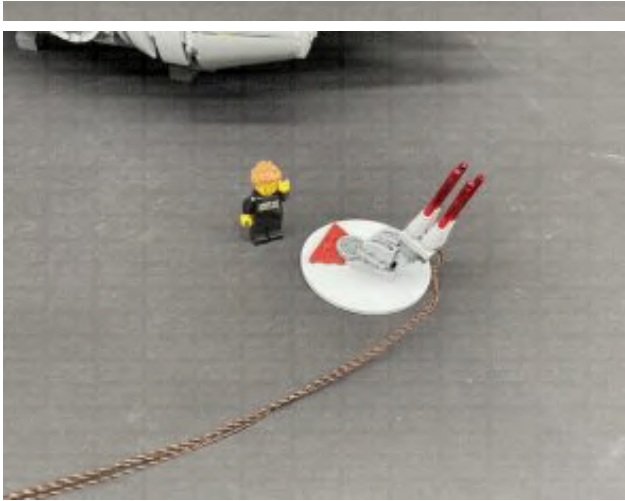


Insert **4x Provided Bar 4L Trans Red**, then reconnect this section to the cannon base.

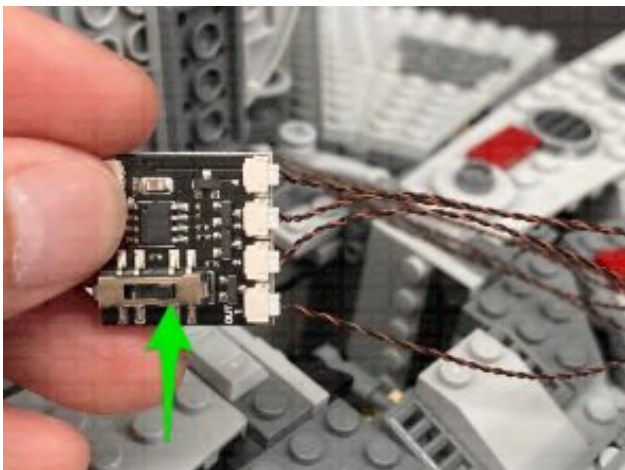
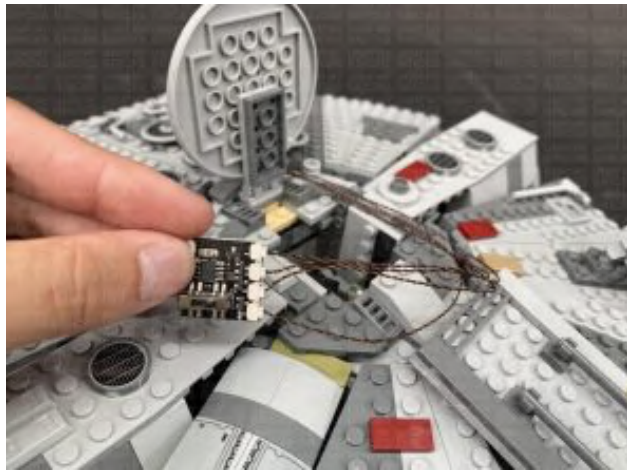
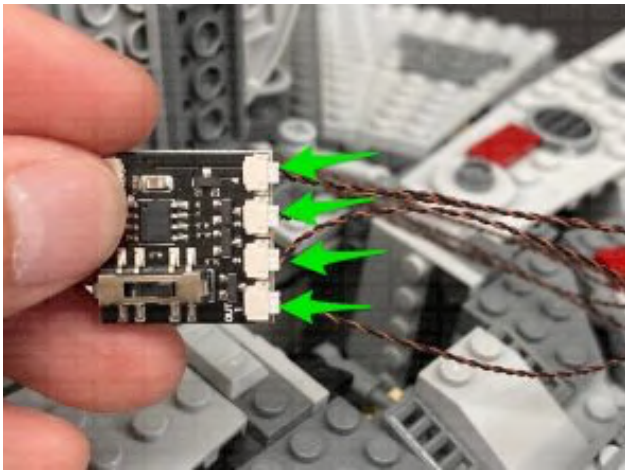
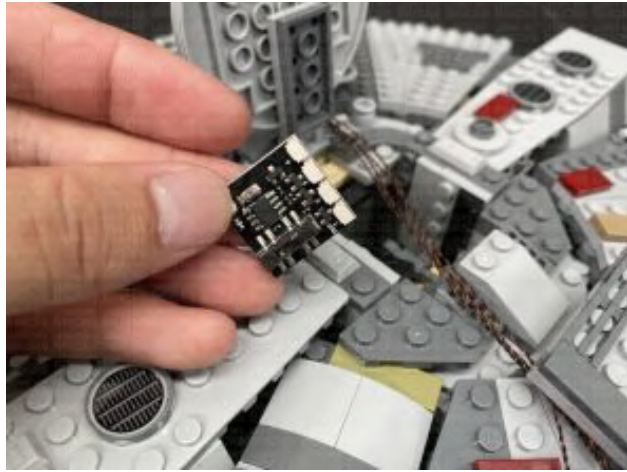
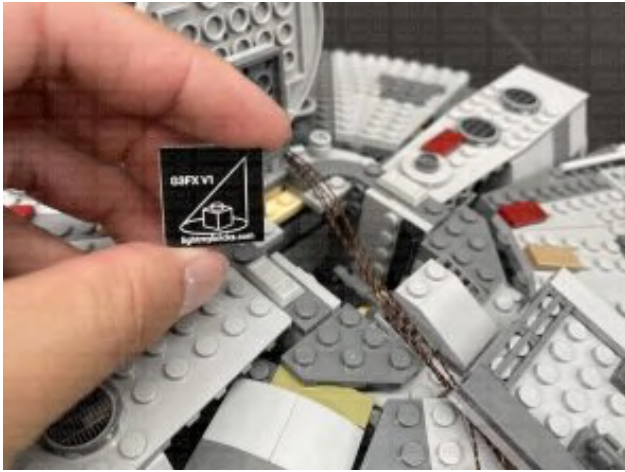


22.) Twist the cables around each other to braid the 4 cables together about 10cm down from the top. Reconnect sections, then reconnect this section to the top of the ship while bringing the cables around the right side.



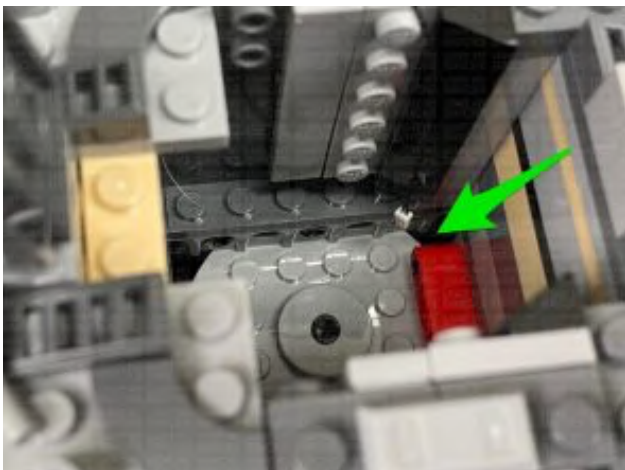
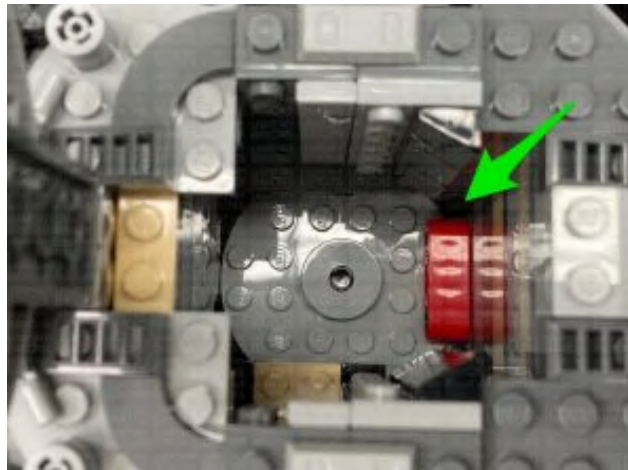
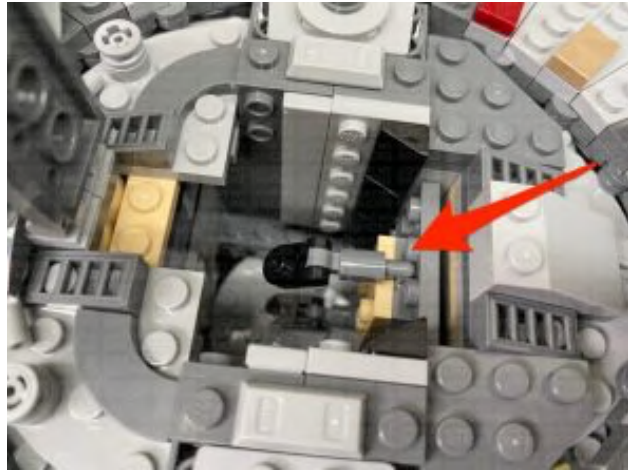
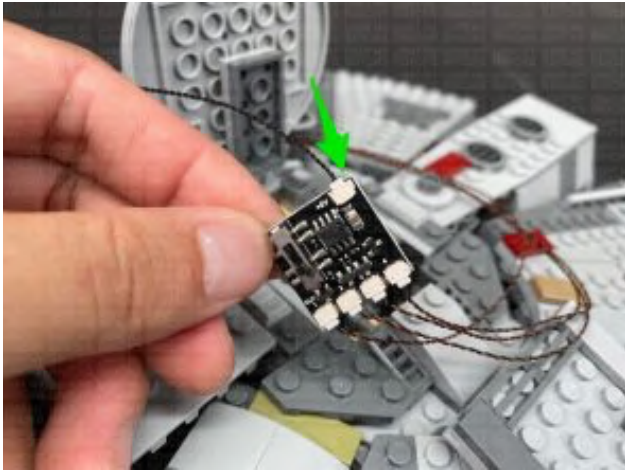


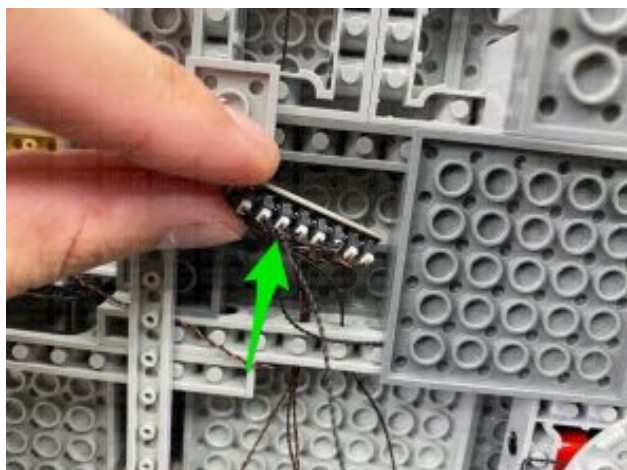
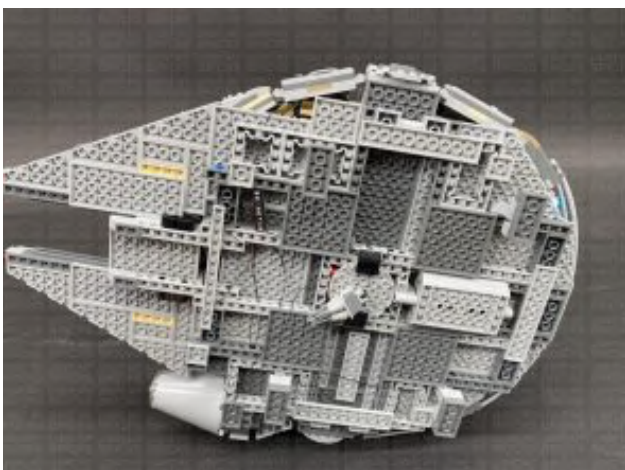
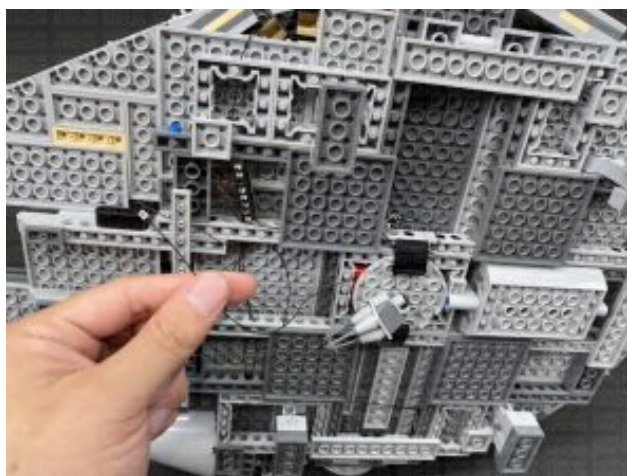
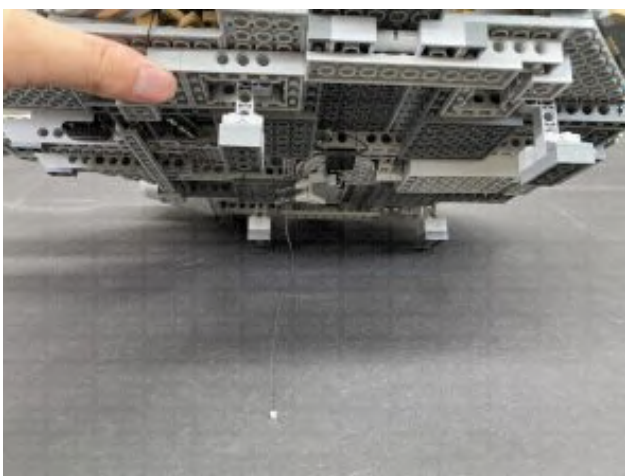
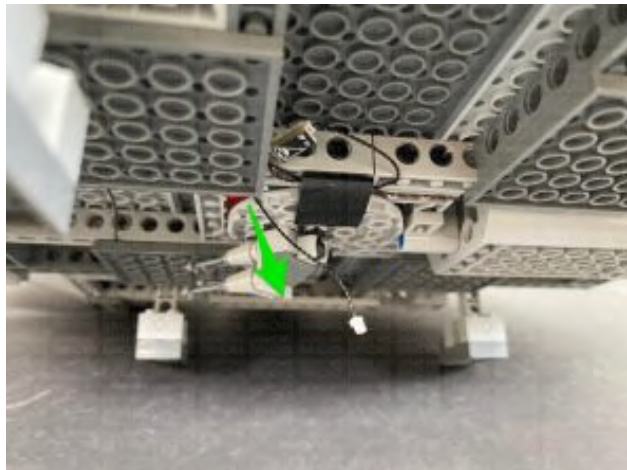
Connect the four bit light cables to the 4 OUT ports on the **Gun Effects Board**. Set the effect switch to the far right setting for the “Laser Gun” effect. Alternatively, you can choose from the 2 other programmed effects (cannon, machine gun)



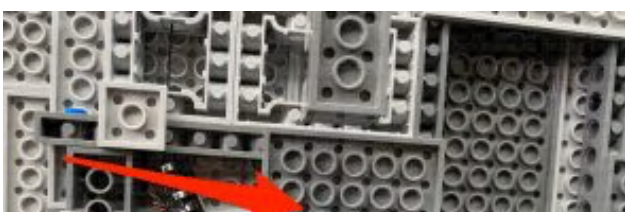
23.) Connect a **15cm Connecting Cable** to the IN port (+5V), then remove the

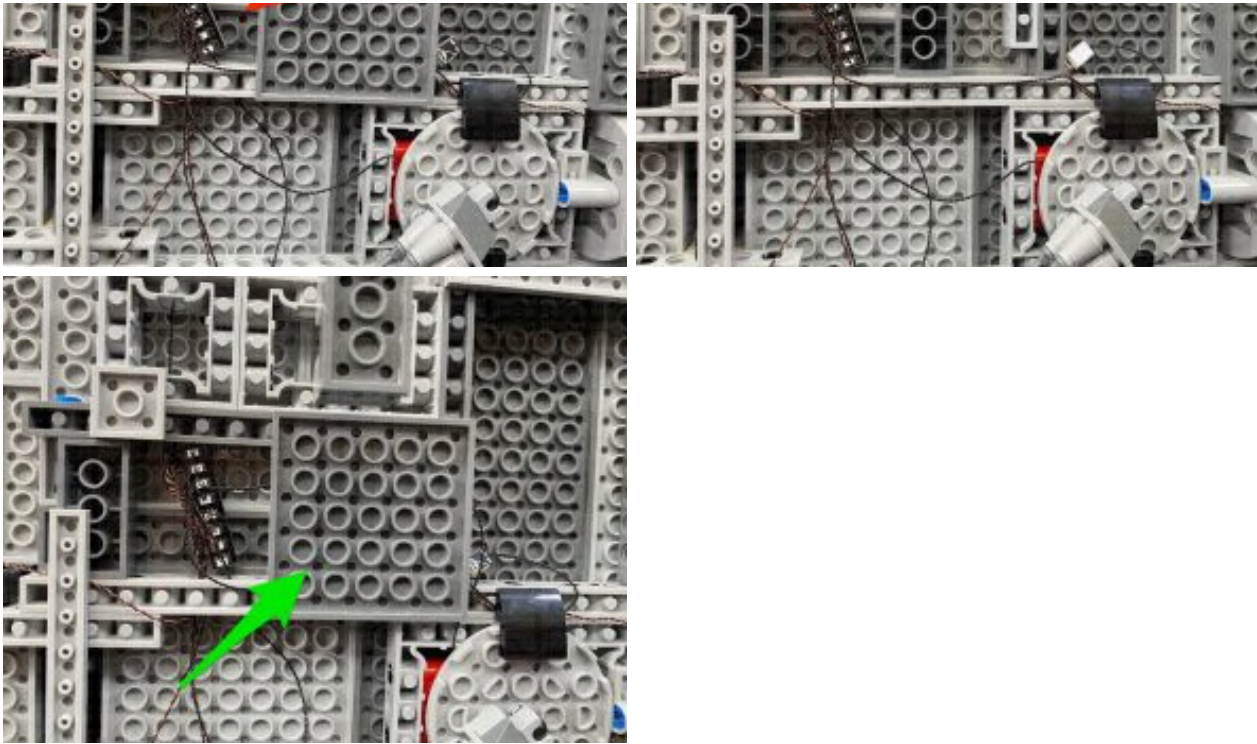
control chair from inside. Thread the cable all the way down the following hole inside, then close the panel and carefully place the ship onto it's right side so we can access underneath. Pull the cable out from underneath and connect it to the remaining port on the 8-Port Expansion Board.



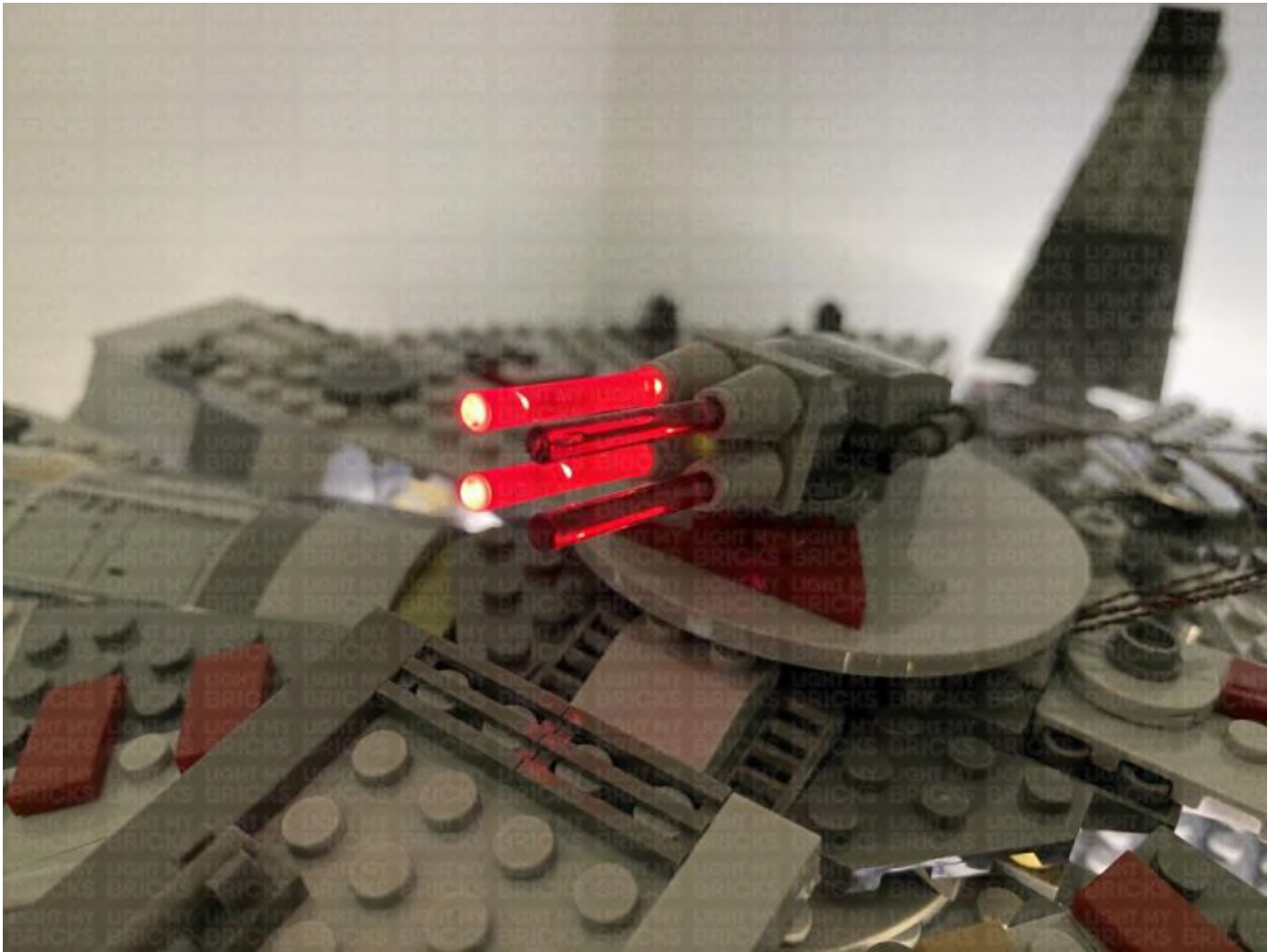


Secure the connecting cable underneath the following dark grey plate.

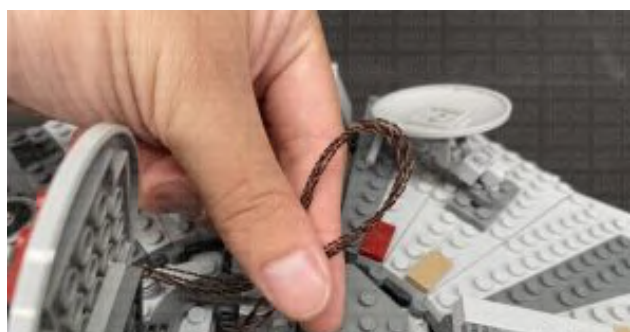


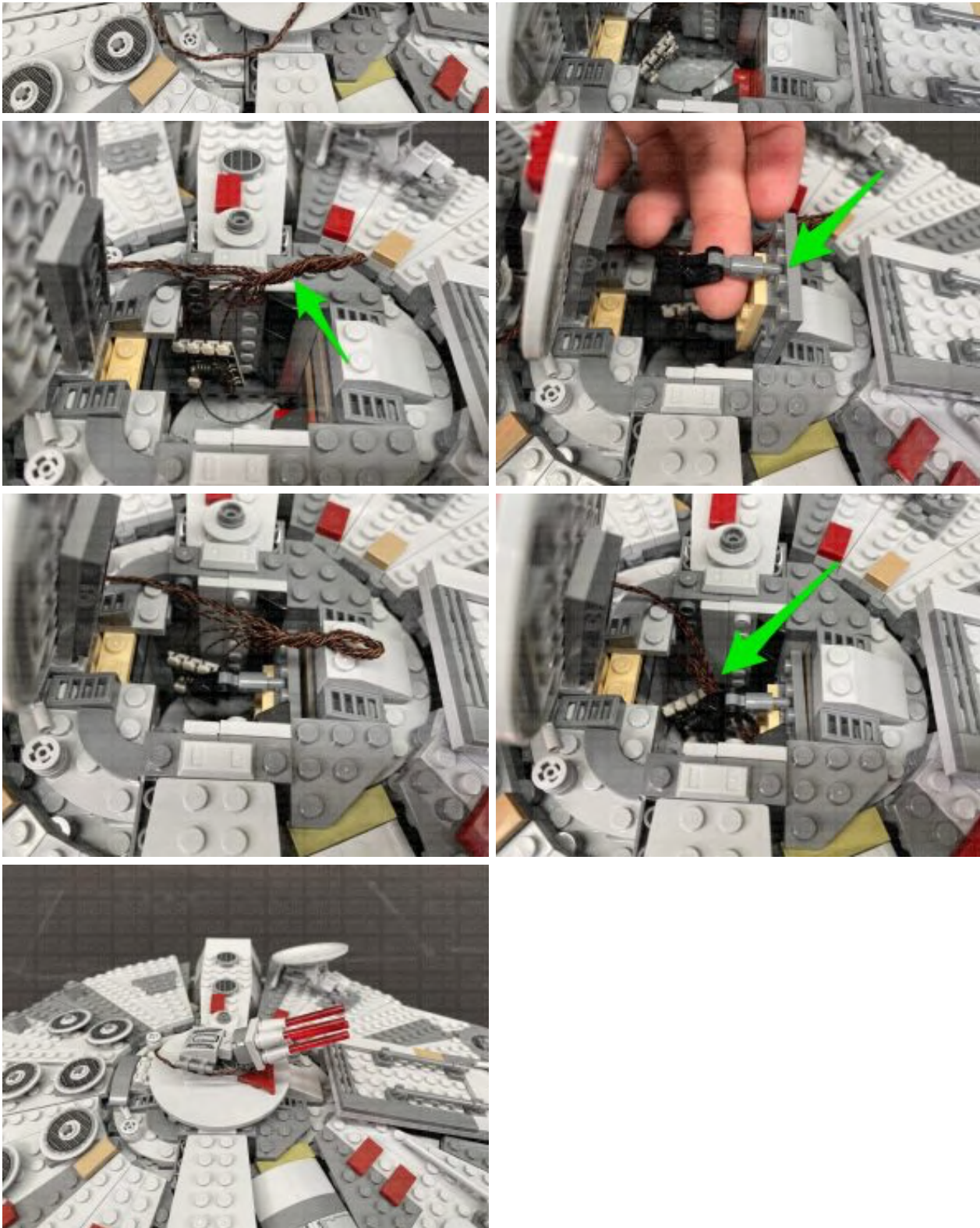


Turn ON the Battery Pack to test the upper cannon lights and effects are working OK. Each cannon light should be firing individually at a time in sequence.



24.) Eliminate excess cables from the cannon lights by twisting and folding them together into a neat bunch. Ensure you leave enough cable slack for the cannon to move from side to side. Reconnect the control chair inside, then neatly place all the components inside before closing the panel.





This finally completes installation of the Light My Bricks Star Wars Millennium Falcon 75257 Light Kit.

We thank you for purchasing this product and hope you ENJOY!

