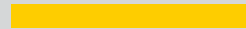




**LIGHT^{MY}
BRICKS**



**LEGO® UCS IMPERIAL STAR
DESTROYER #75252 LIGHT KIT
INSTALLATION GUIDE**

Light My Bricks



LEGO® UCS IMPERIAL STAR DESTROYER #75252 LIGHT KIT INSTALLATION GUIDE

Hi There!

We're here to help you get started on the LEGO® UCS Imperial Star Destroyer (75252) Light Kit.

This PDF details the instructions for the LED light kit only. If you are wishing to purchase this product, please [click here](#) to view the product page.

If you run into any issues, please refer to the troubleshooting section towards the end of this guide.

Have fun and enjoy!



PACKAGE CONTENTS:



- 36 x Cool White 30cm Bit Lights *
- 3 x Flashing White 30cm Bit Light
- 4 x Flashing Red 30cm Bit Light
- 5 x Cool White 30cm Large Bit Lights
- 22 x Green 15cm Micro Bit Lights *
- 11 x White 30cm Micro Bit Lights



- 7x Micro 4-Port Expansion Boards
- 1x Micro 8-Port Expansion Boards
- 1x 2-Port Expansion Board
- 6x 6-Port Expansion Boards
- 1x 8-Port Expansion Boards
- 3x 12-Port Expansion Boards



- 1 x Pulse Effects Board
- 1 x Gun Effects Board
- 1 x Multi Effects Board
- 1 x Flicker Effects Board



- 9x 5cm Connecting Cables
- 6x 15cm Connecting Cables
- 5x 30cm Connecting Cables
- 2x 50cm Connecting Cable



- 1 x USB Power Cable
(Power Source not Included)

ASSORTED BRICKS:



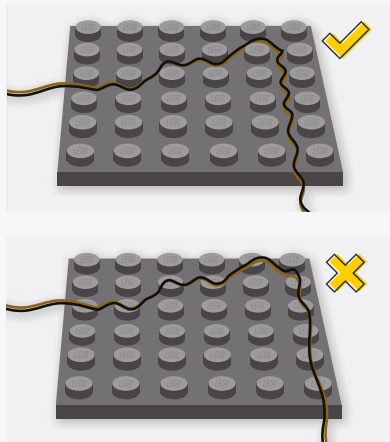
- 29 x Trans Clear Round Plate 1x1 *
- 4 x Trans Light Blue Round Plate 1x1
- 1 x Trans Clear Tile 1x2
- 1 x Trans Black Cone 1x1 with Top Groove
- 1 x Trans Clear Slope 30 1x1x2/3

* Indicates spares included

Contents

Before You Begin	5
Blueprint	8
Instructions	9
Final Product	72
Troubleshooting	73
Contact	78

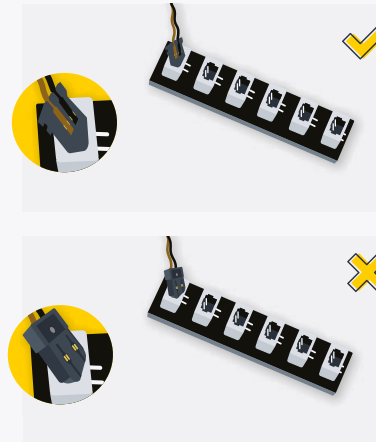
Before You Begin



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.

Before You Begin



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.



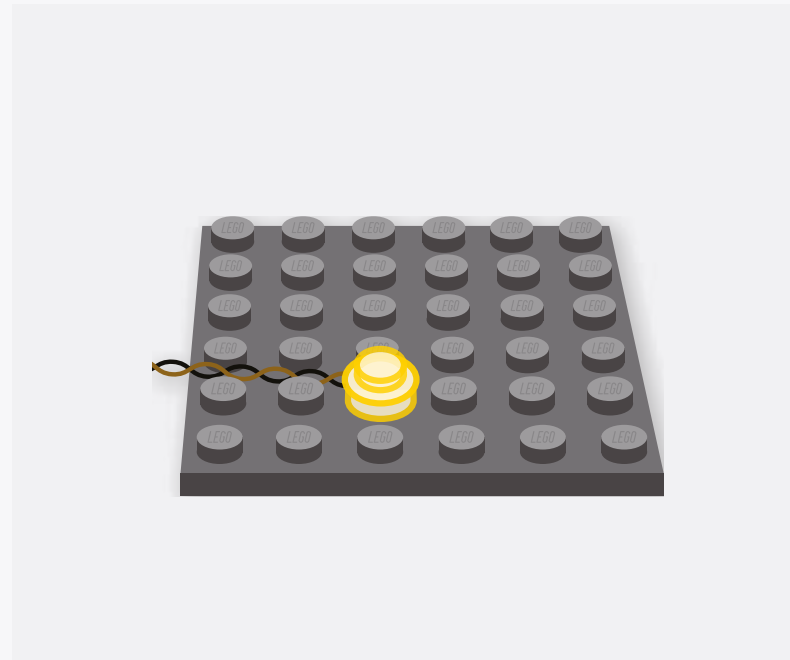
Connecting Micro Cable Connectors To Micro Expansion Board Ports

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.

Before You Begin

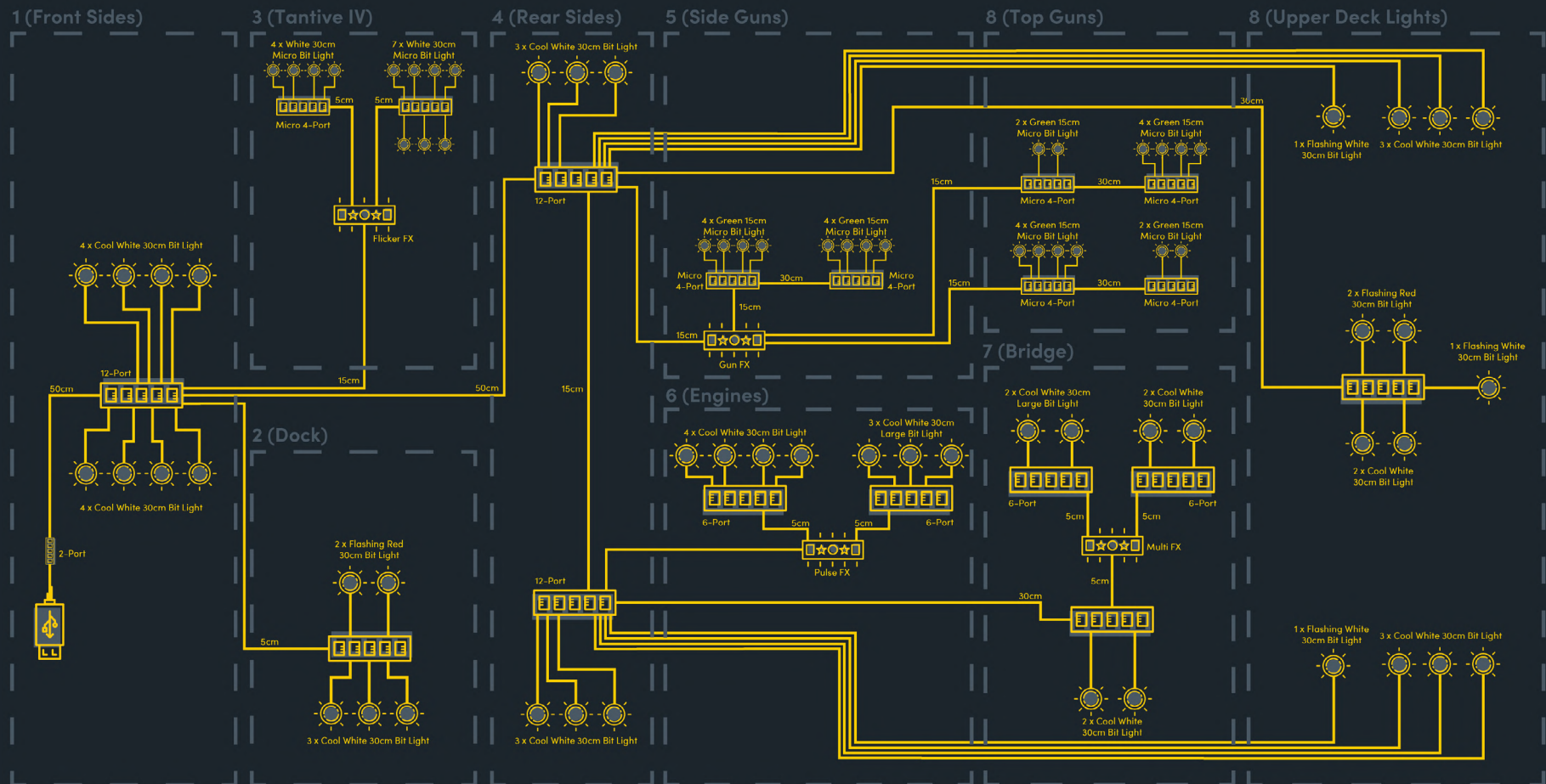
Installing Bit Lights Under Lego® Bricks And Plates

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.





BLUEPRINT

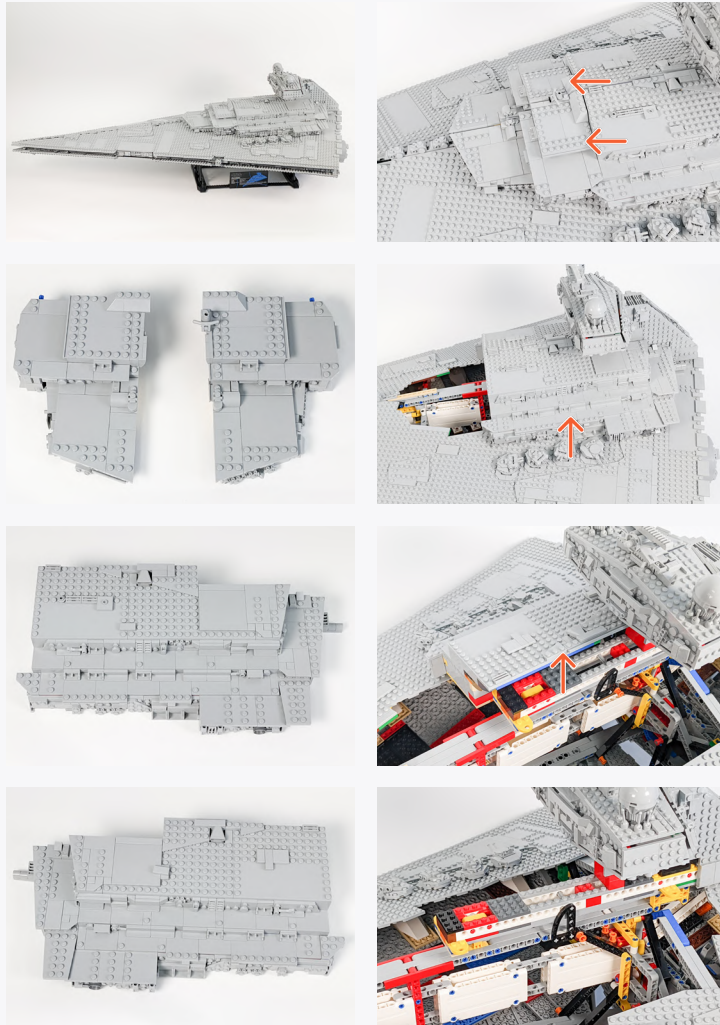




INSTRUCTIONS

To ensure a smooth installation of your light kit, please read and follow each step carefully. If you run into any issues, please refer to the online troubleshooting guide.

1



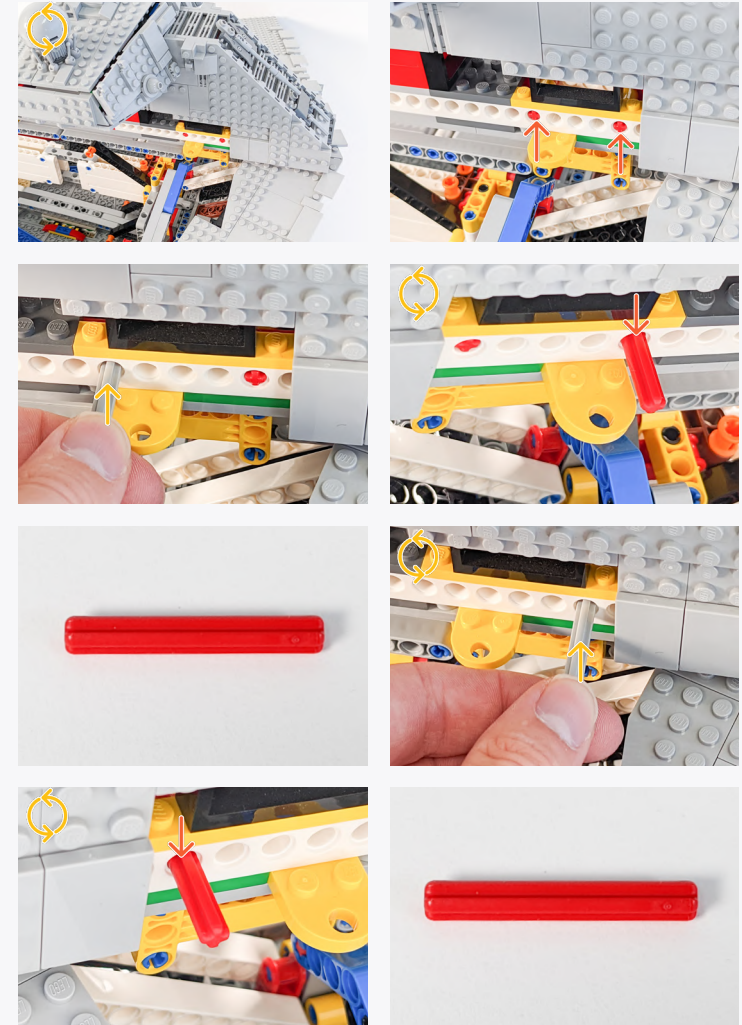
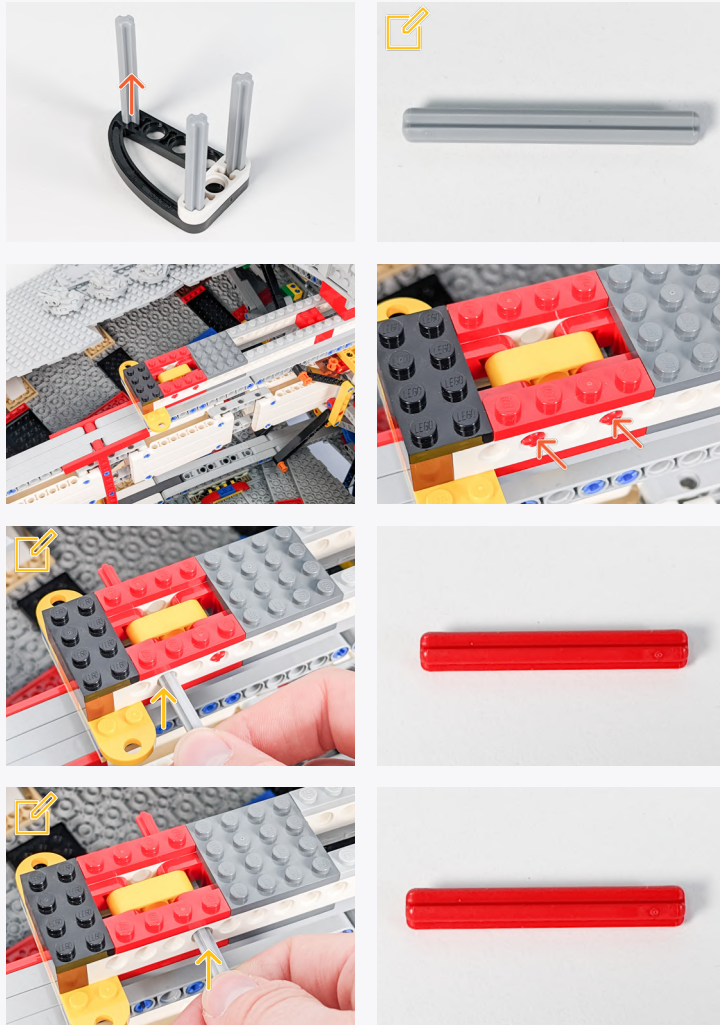
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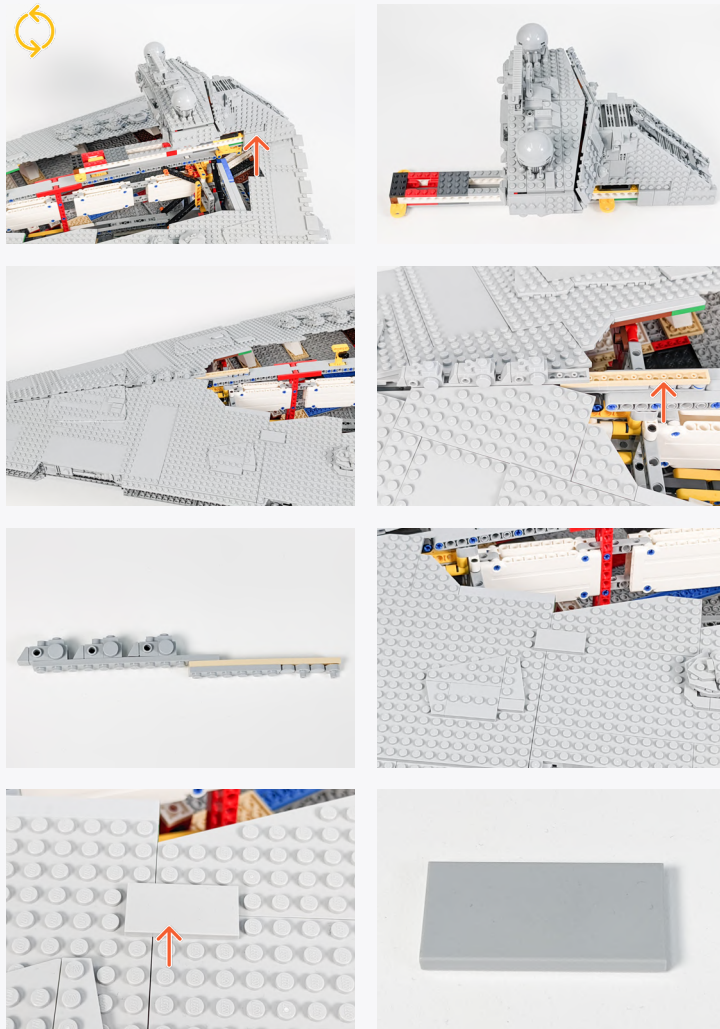
Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON

Use this Technic Axle as a key to remove the Red Technic Axles in this step.



Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📌 NOTE ICON



Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

3



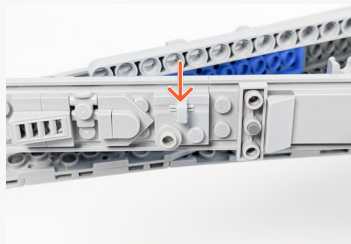
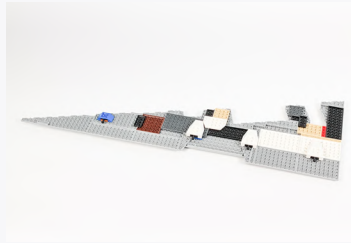
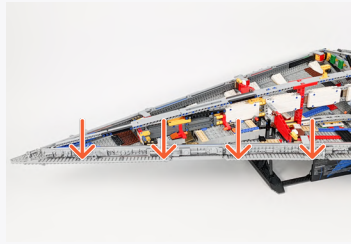
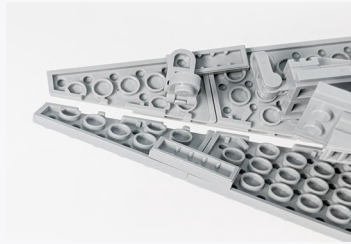
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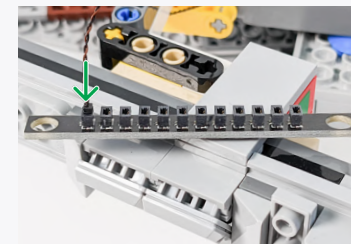
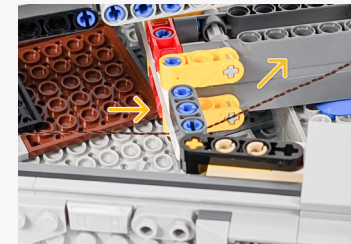
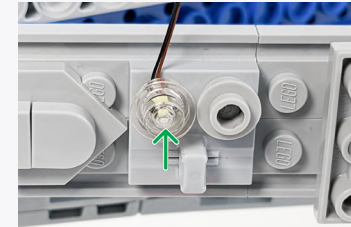
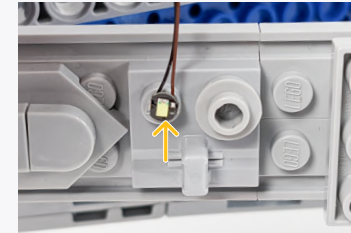
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

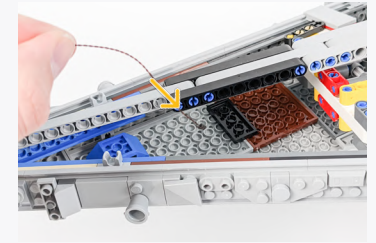
5



Cool White 30cm Bit Light



Trans Clear Round Plate 1x1



12-Port Expansion Board



Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON

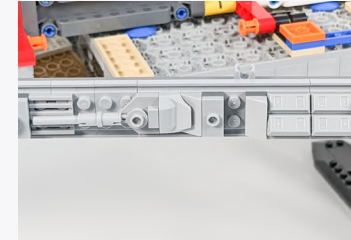
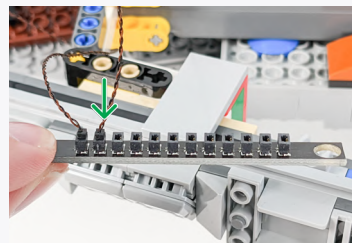
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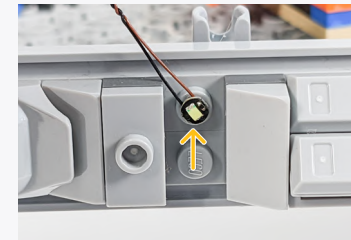
Cool White 30cm Bit Light



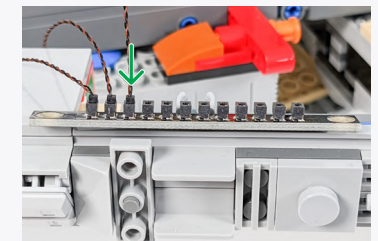
Trans Clear Round Plate 1x1



Cool White 30cm Bit Light



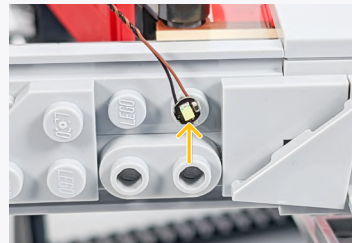
Trans Clear Round Plate 1x1



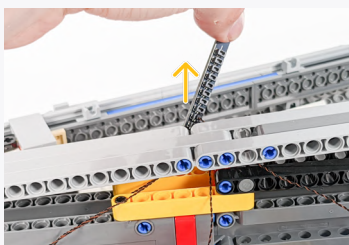
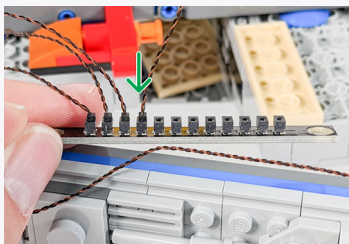
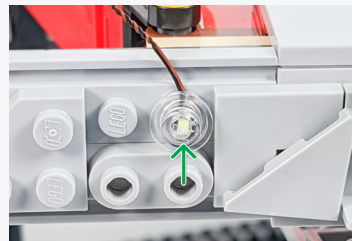
Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

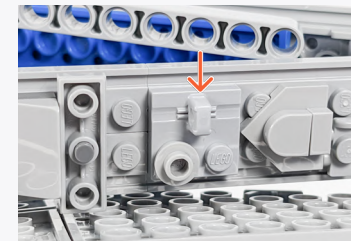
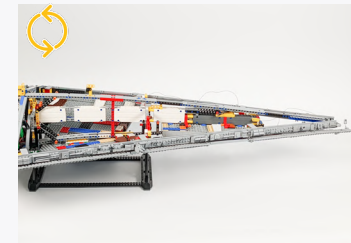
Cool White 30cm Bit Light



Trans Clear Round Plate 1x1



7



Cool White 30cm Bit Light

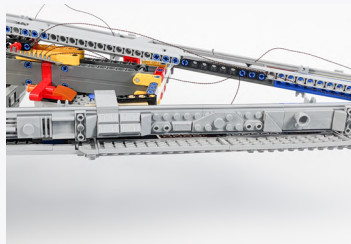
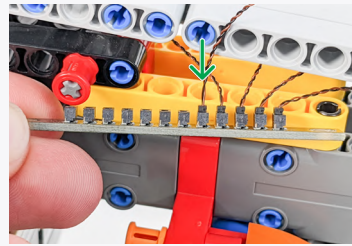


Trans Clear Round Plate 1x1



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON



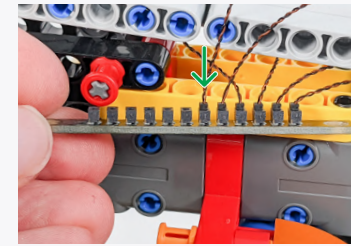
Cool White 30cm Bit Light



Trans Clear Round Plate 1x1



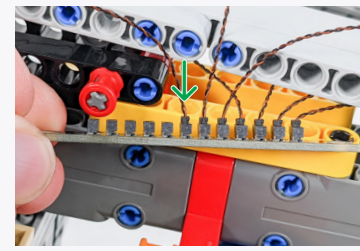
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Cool White 30cm Bit Light



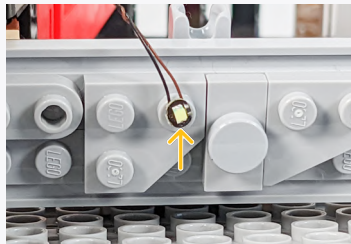
Trans Clear Round Plate 1x1



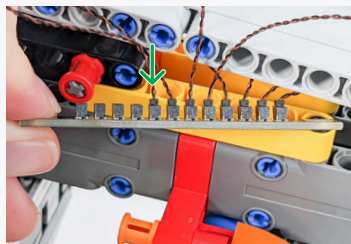
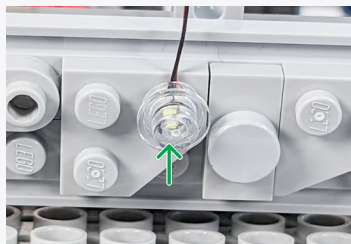
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID * POWER ON TEST 📝 NOTE ICON



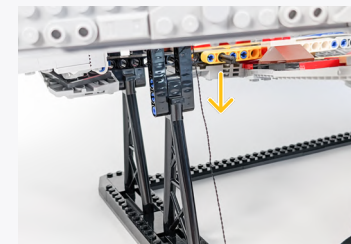
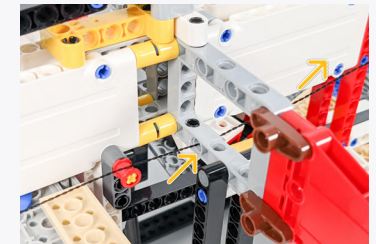
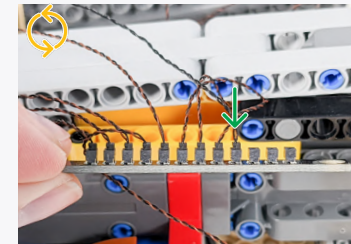
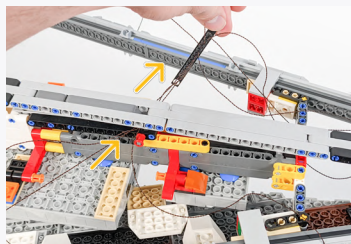
Cool White 30cm Bit Light



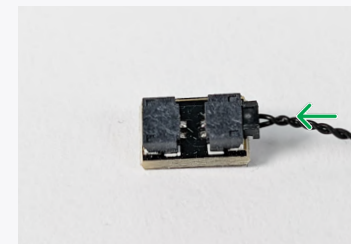
Trans Clear Round Plate 1x1



50cm Connecting Cable



2-Port Expansion Board



USB Power Cable

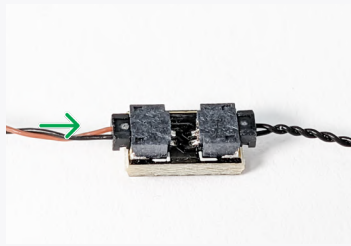


Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

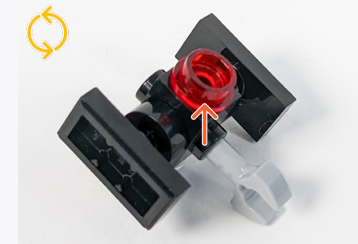
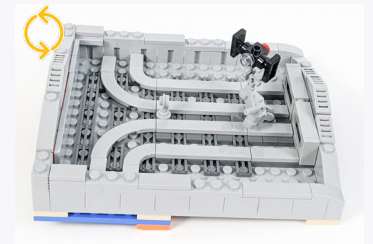
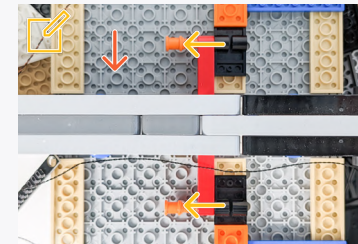
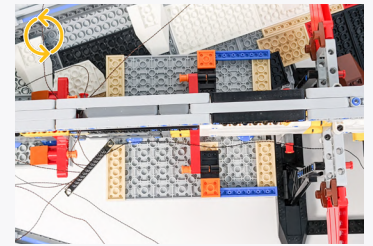
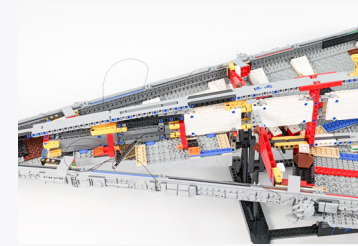
If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion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

Connect the other end to a USB Power Bank, USB Wall Adaptor, or USB to AA Battery Pack (sold separately)

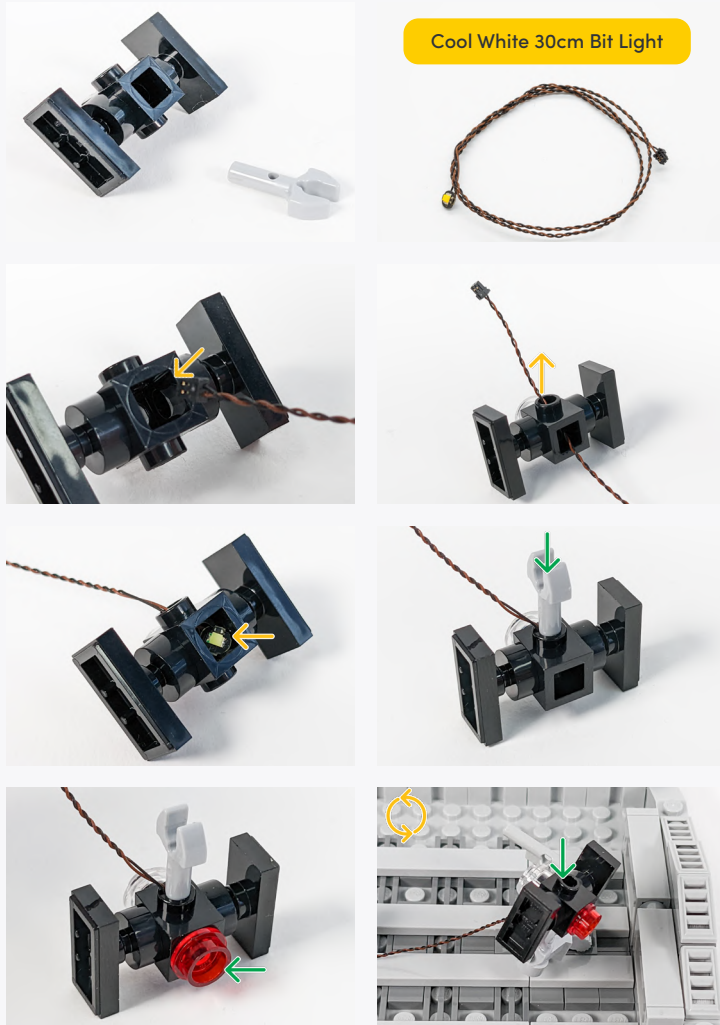


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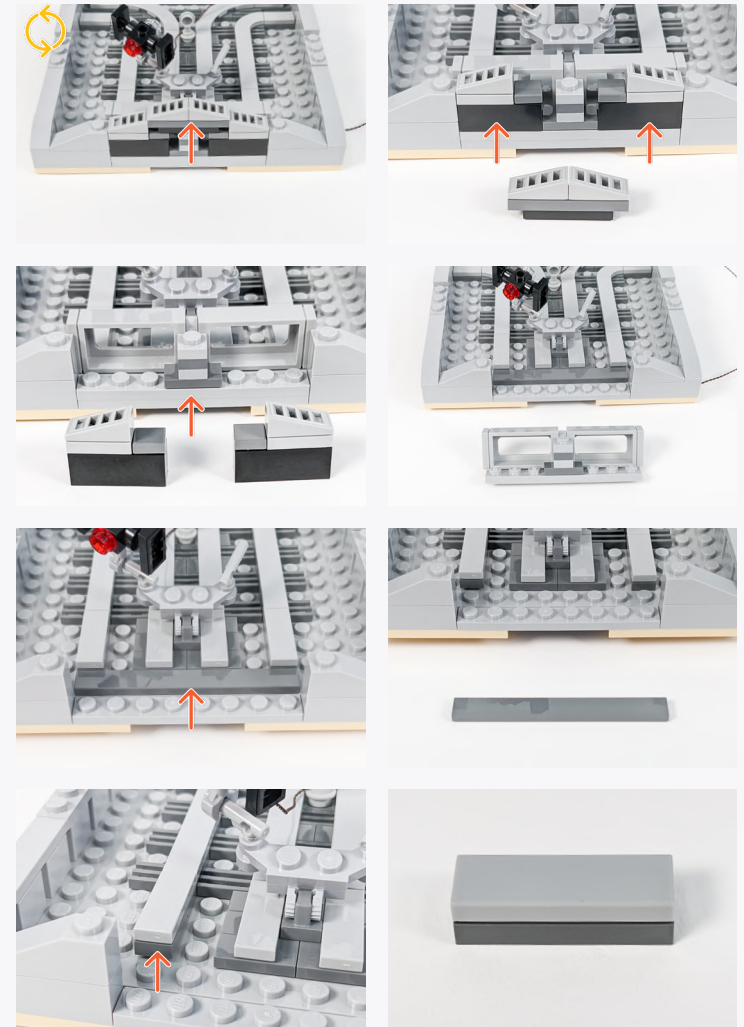
Partially remove the Orange Technic Pins to allow the dock to be removed.



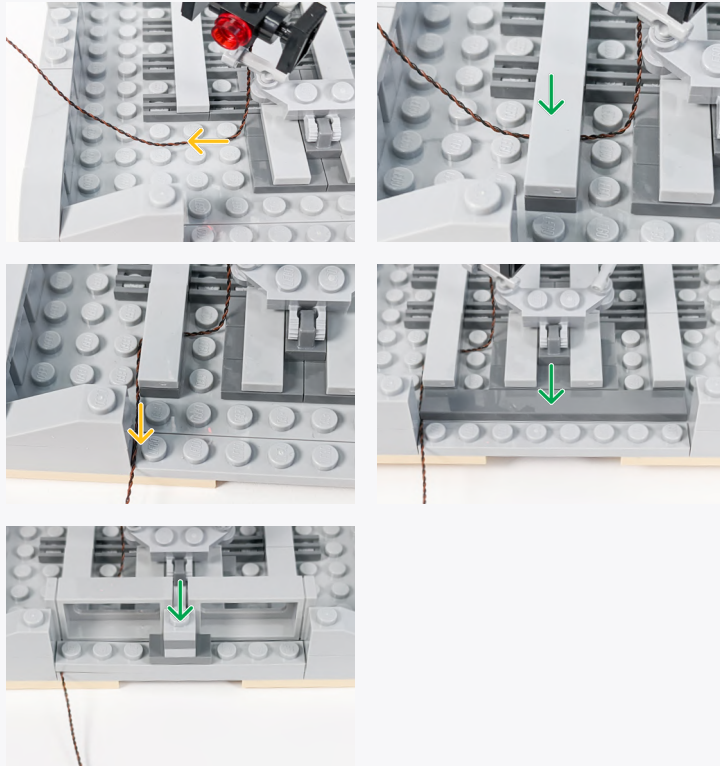
Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON



10

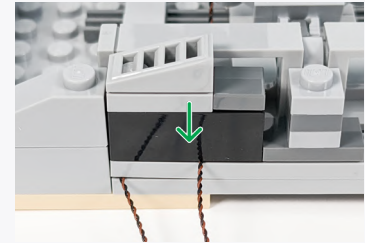
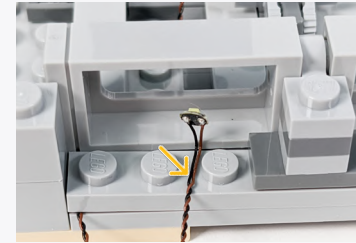


Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID * POWER ON TEST 📝 NOTE ICON

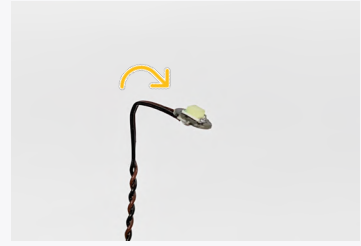


11

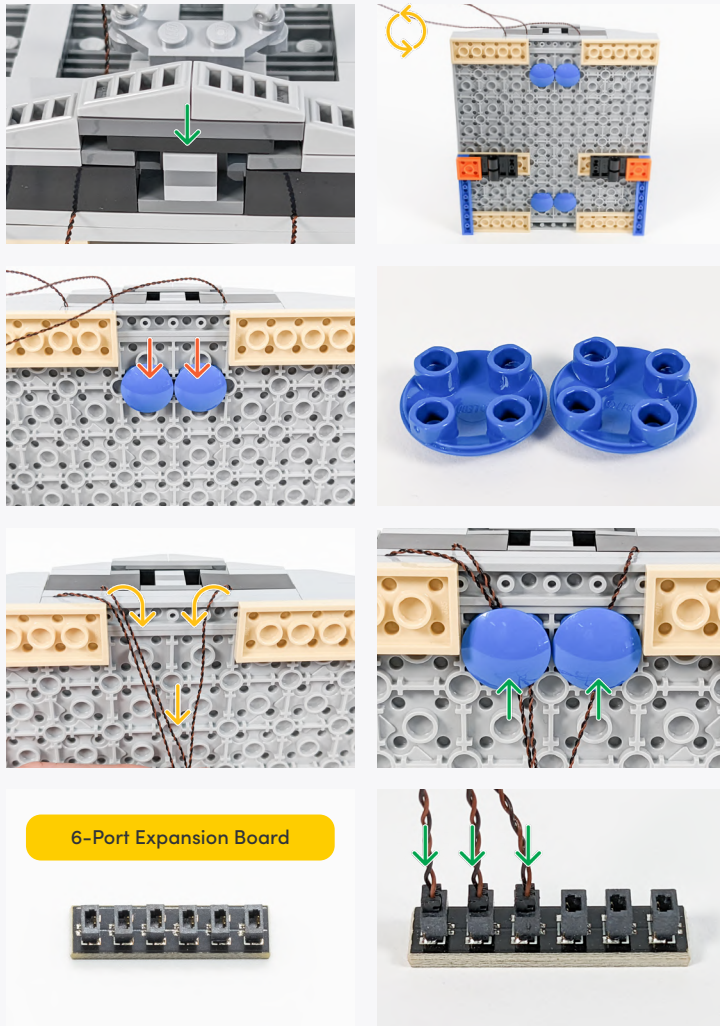
Cool White 30cm Bit Light



Cool White 30cm Bit Light



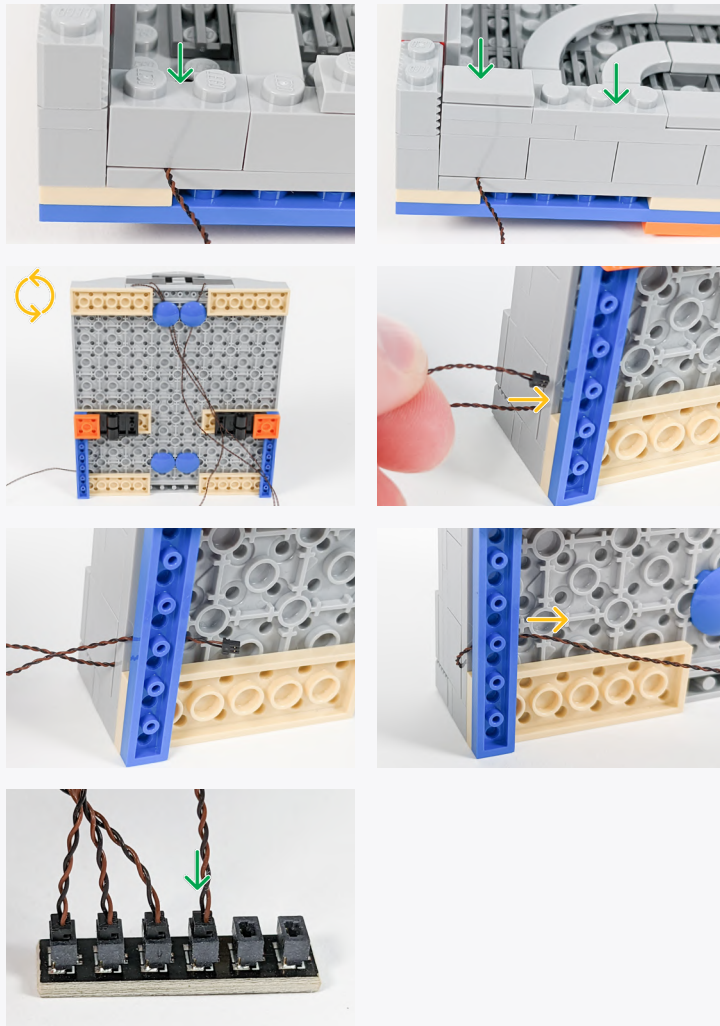
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON



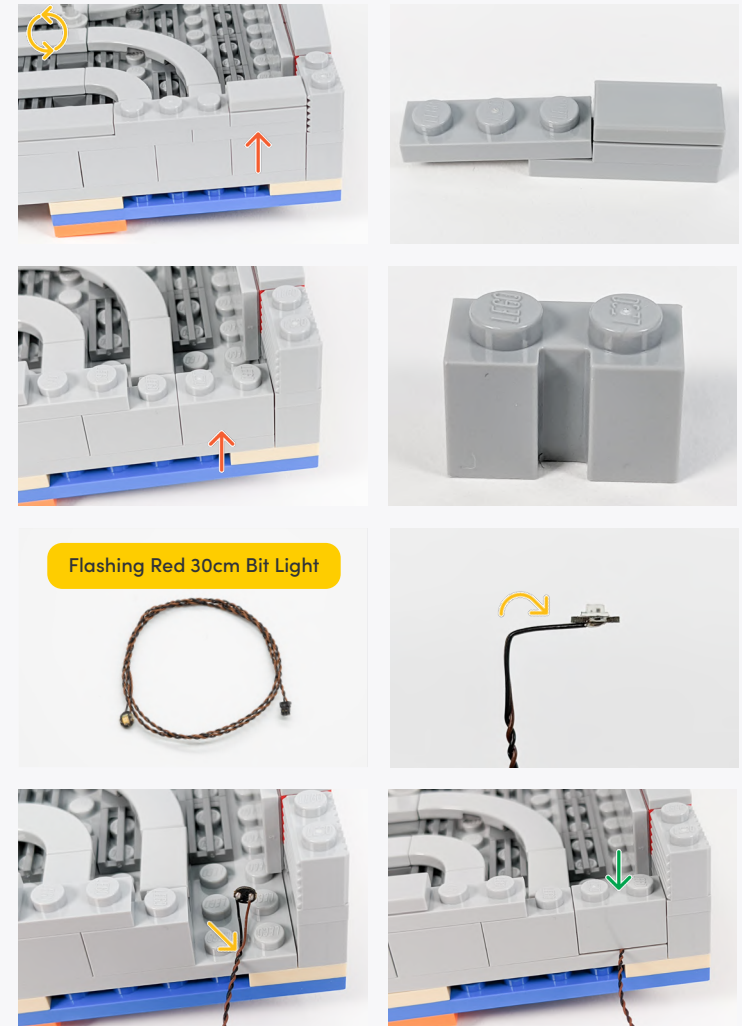
12



Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID * POWER ON TEST 📝 NOTE ICON



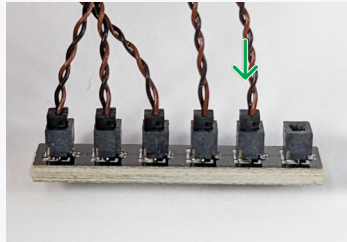
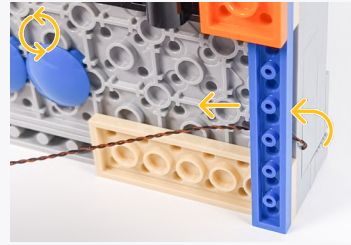
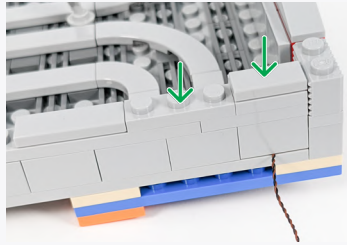
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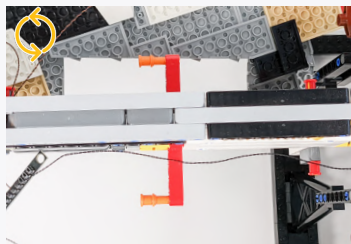
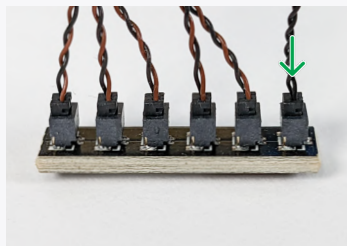
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

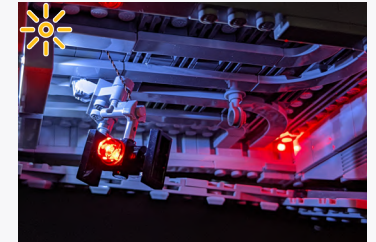
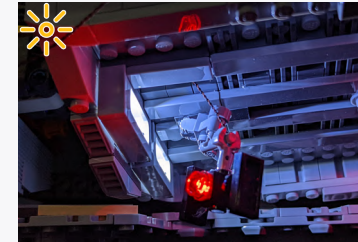
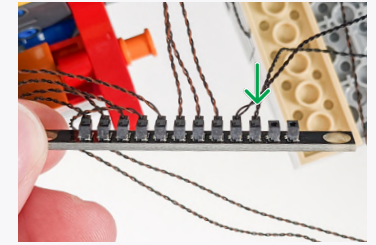
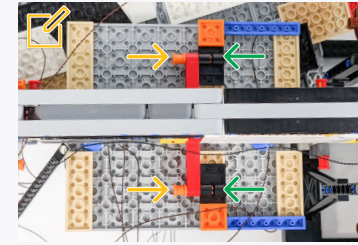
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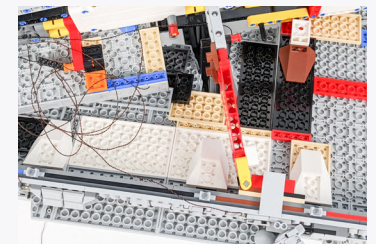
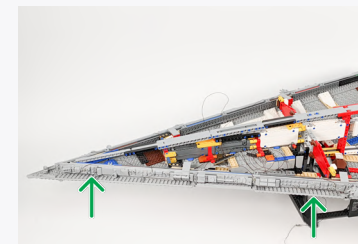
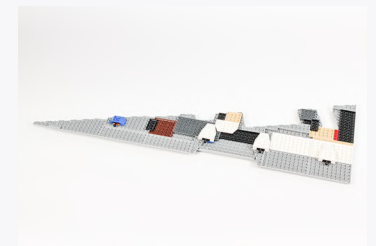
5cm Connecting Cable



Reattach the dock by holding it in place and pushing the Orange Technic Pins back in.




15



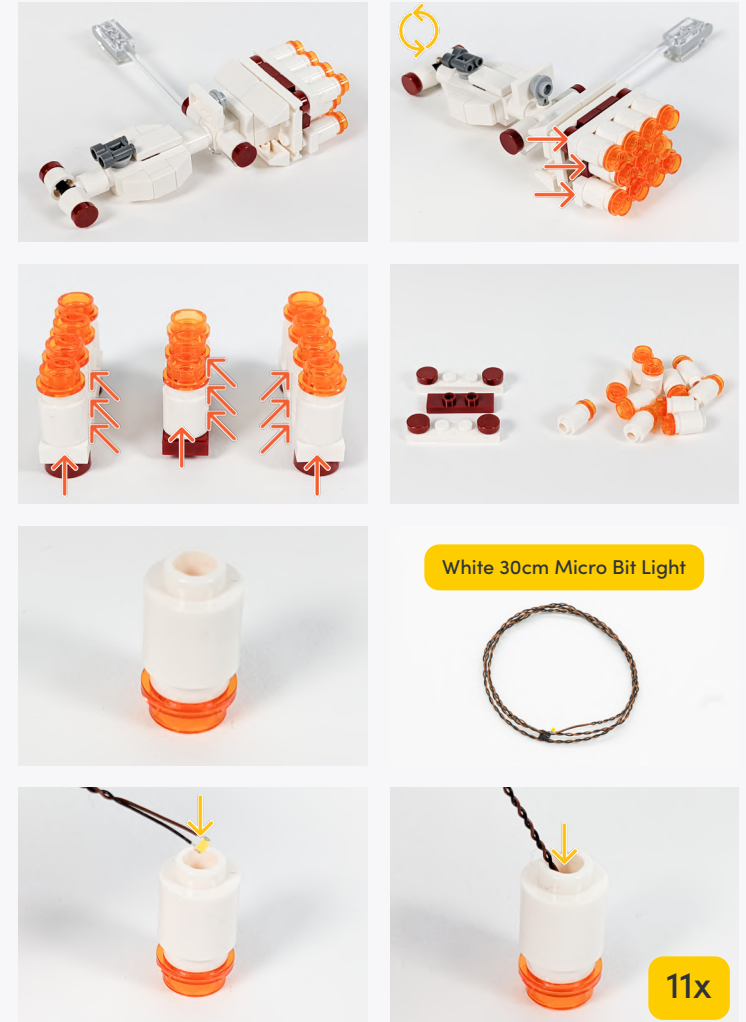
14

Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON



 Only twist the cables coming from the 6-Port Expansion Board.

16



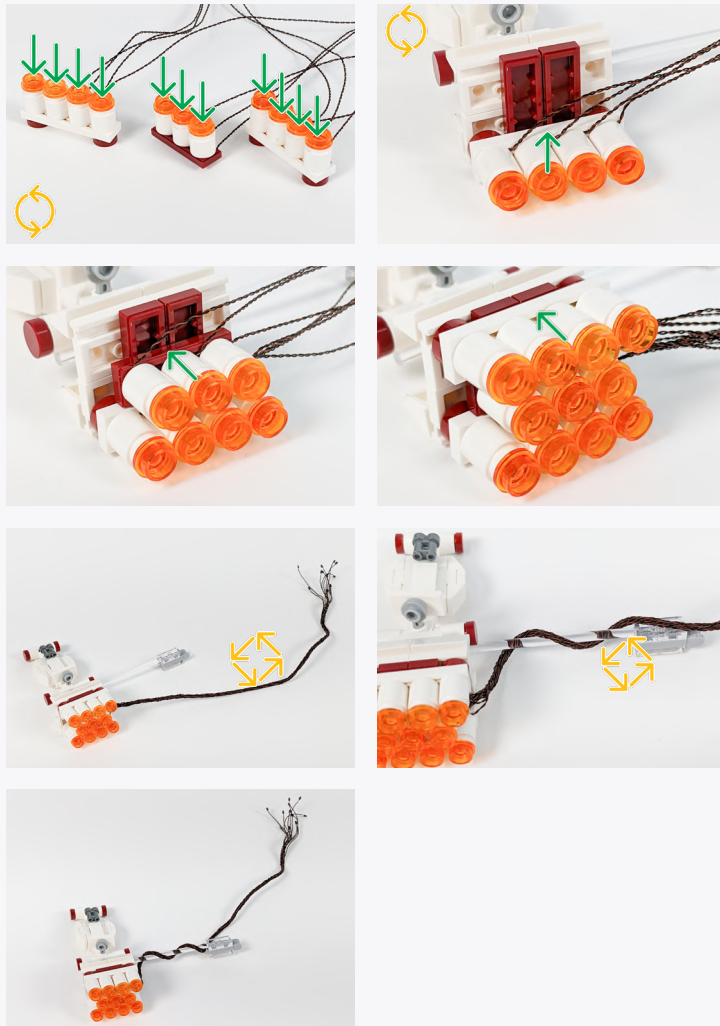
White 30cm Micro Bit Light

11x

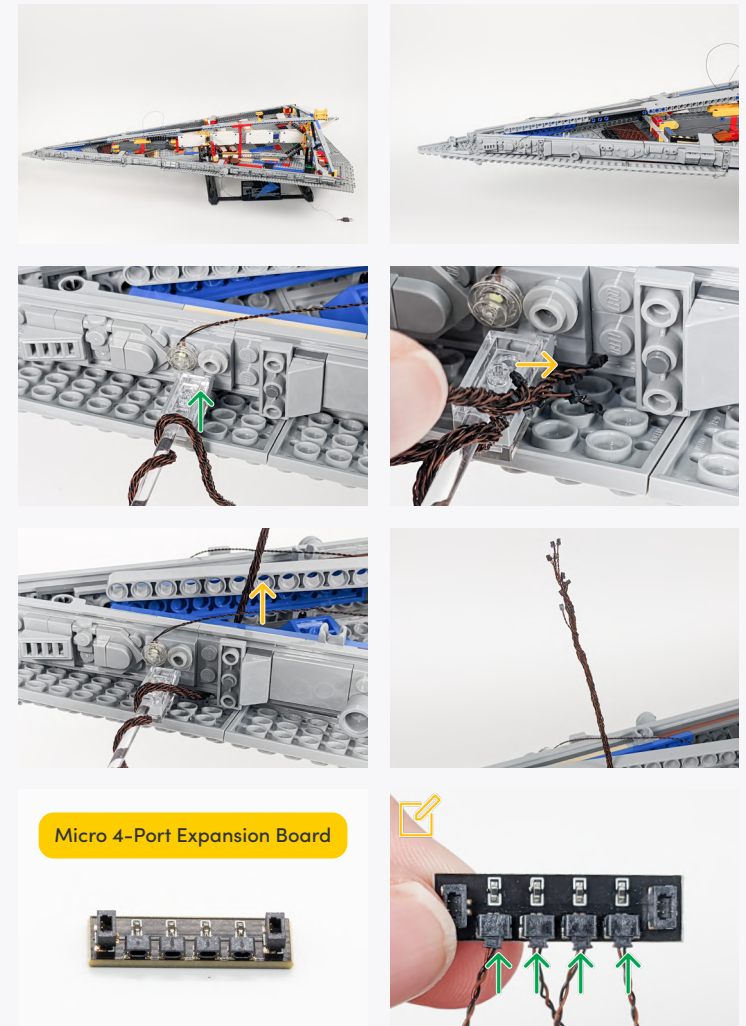
Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

17

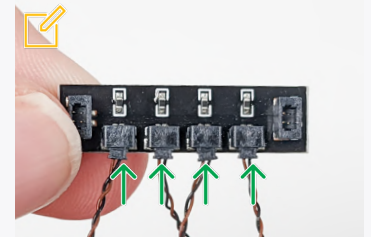


18



Connect any 4 of the 11 Micro Bit Light cables into the Micro 4-Port Expansion Board.

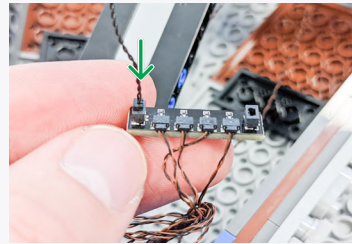
Micro 4-Port Expansion Board



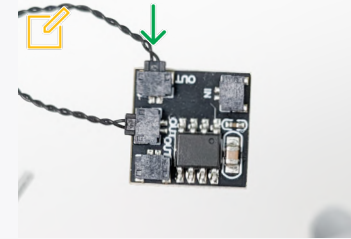
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📌 NOTE ICON

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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

5cm Connecting Cable



Connect the other end of the 5cm Connecting Cable to the other 'OUT' Port of the Flicker Effects Board.



15cm Connecting Cable

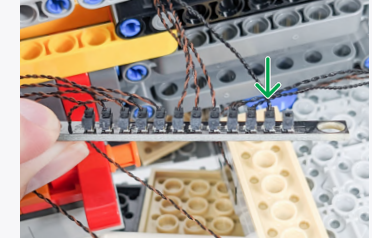
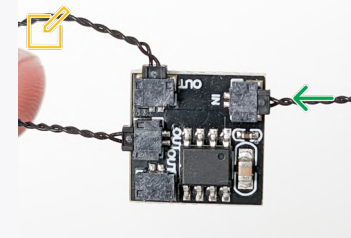


Connect the other end of the 5cm Connecting Cable to the 'OUT' Port of the Flicker Effects Board.

Flicker Effects Board

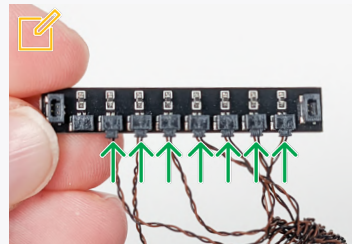


Connect the 15cm Connecting Cable to the 'IN' Port of the Flicker Effects Board.

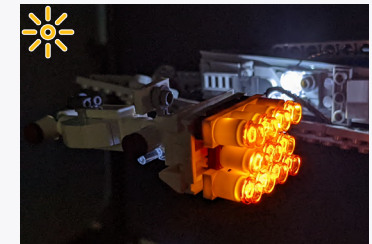
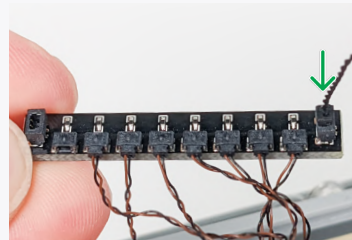


Connect the remaining 7 Micro Bit Light cables to the Micro 8-Port Expansion Board.

Micro 8-Port Expansion Board



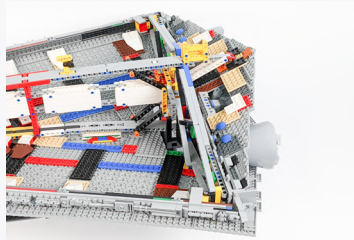
5cm Connecting Cable



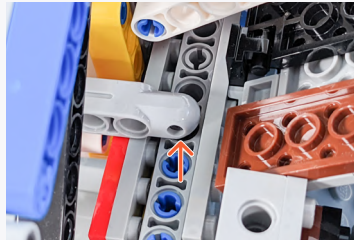
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

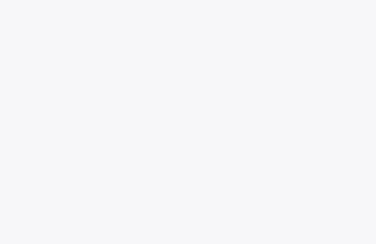
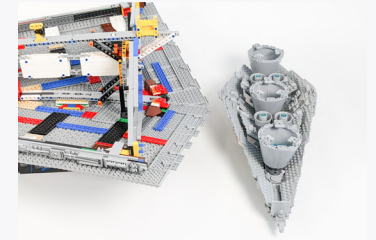
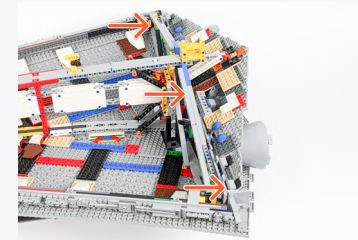
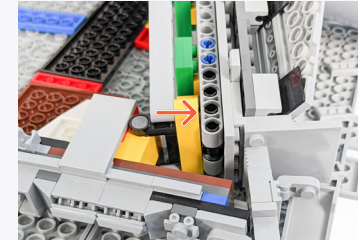
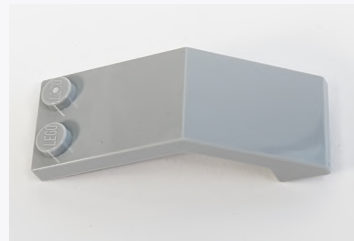
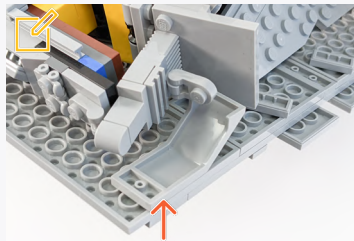
19



Remove this pin on both sides.



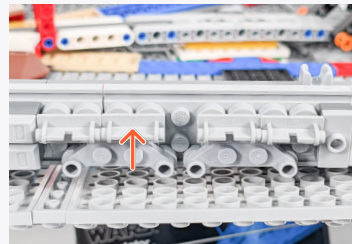
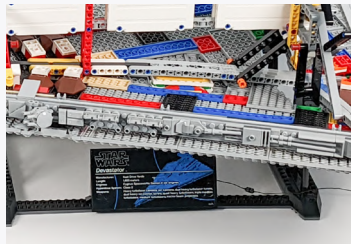
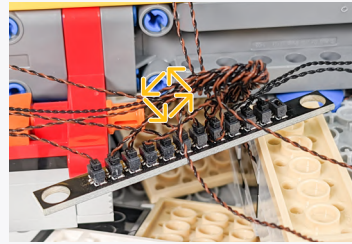
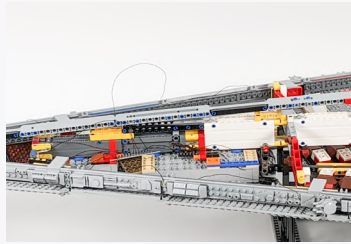
Remove this piece on both sides.



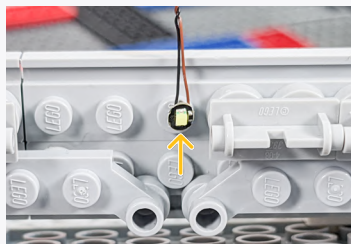
Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

20



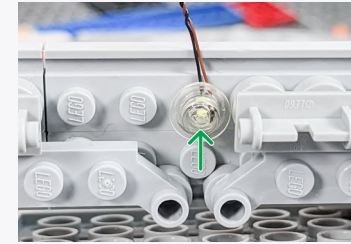
Cool White 30cm Bit Light



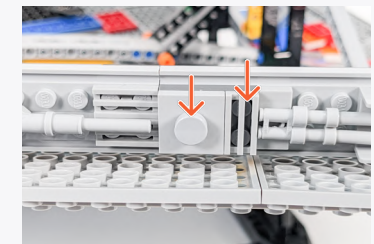
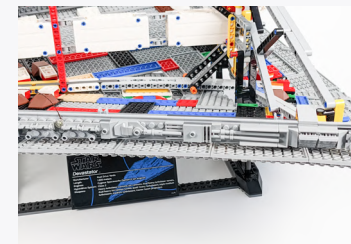
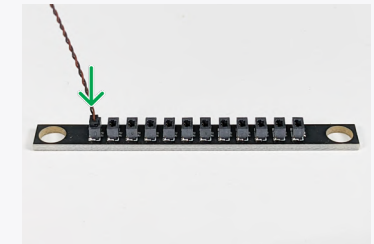
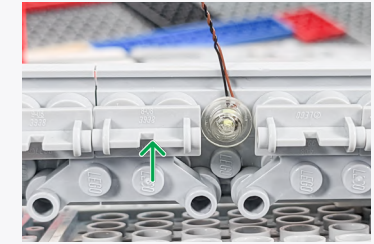
Trans Clear Round Plate 1x1



22



12-Port Expansion Board

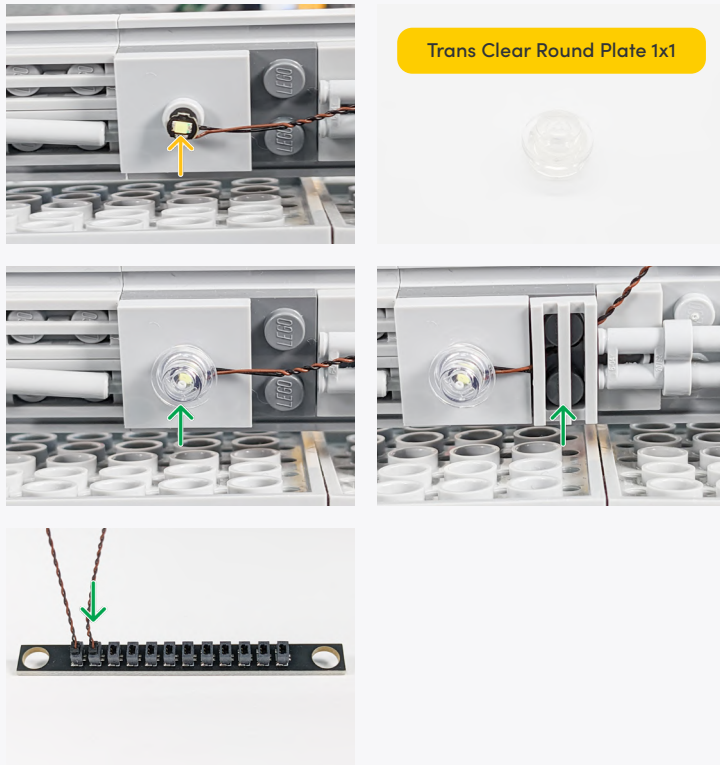


Cool White 30cm Bit Light



Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON



Trans Clear Round Plate 1x1

23



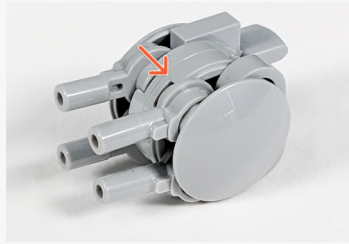
Cool White 30cm Bit Light

Trans Clear Round Plate 1x1

Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

24



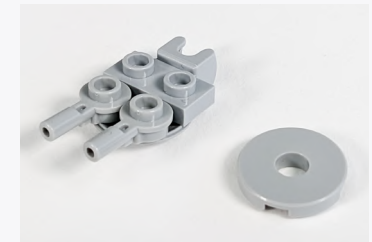
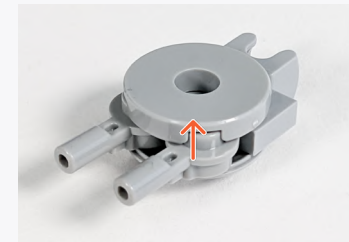
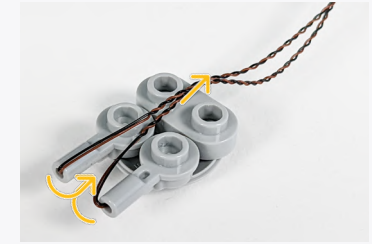
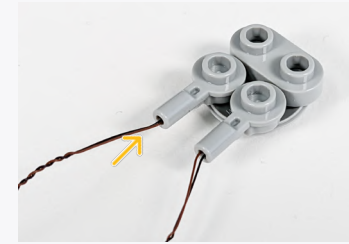
Green 15cm Micro Bit Light



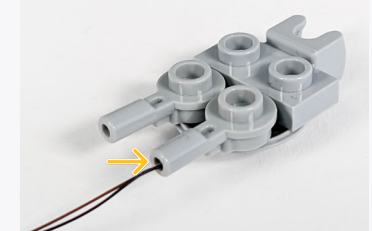
Green 15cm Micro Bit Light



25

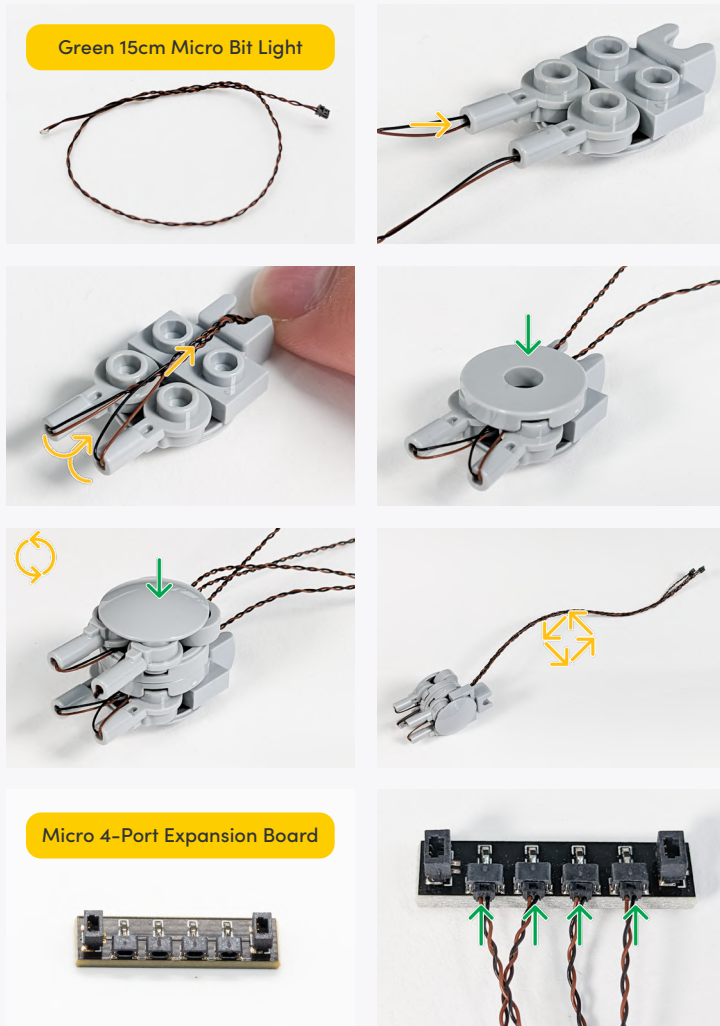


Green 15cm Micro Bit Light

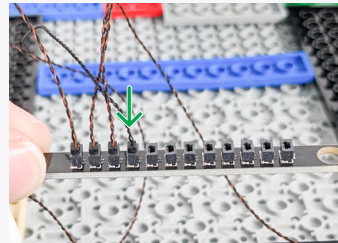
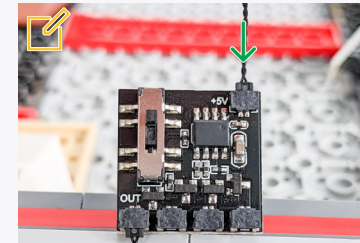
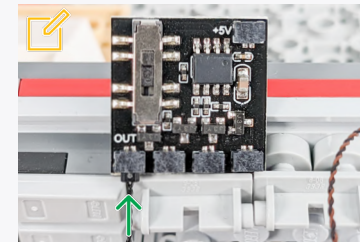
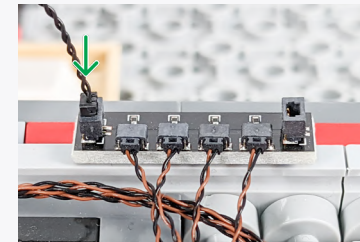


Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON



26



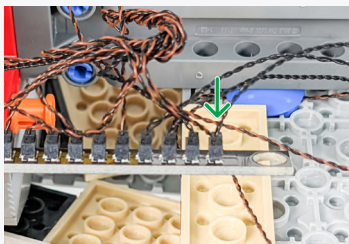
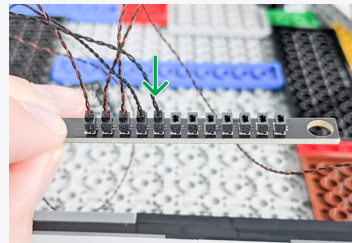
Connect the other end of the 15cm Connecting Cable to the 'OUT' port of the Gun Effects Board.

Connect the 15cm Connecting Cable to the 'IN' port of the Gun Effects Board.

Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID * POWER ON TEST 📝 NOTE ICON

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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

50cm Connecting Cable

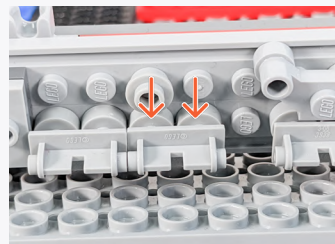
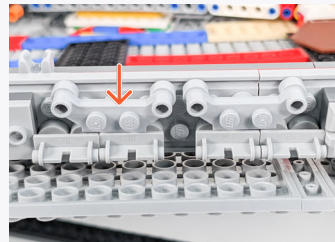
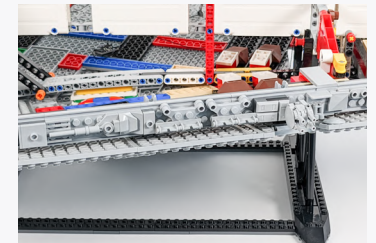
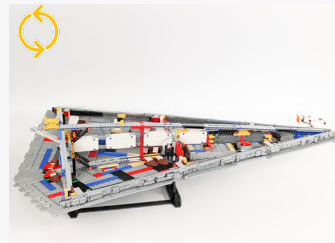


Connect the other end to the first 12-Port Expansion Board from step 5.

Choose which gun effect you would prefer using the switch on the Gun Effects Board.

1. CANNON
2. MACHINE GUN
3. LASER GUN

27




Cool White 30cm Bit Light

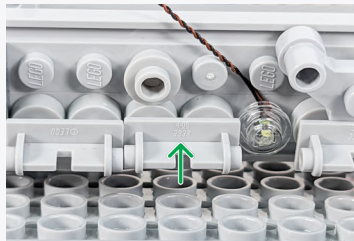
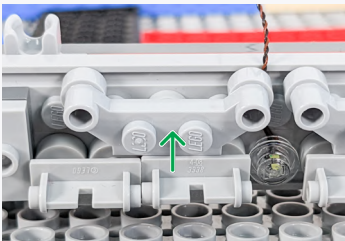


Legend

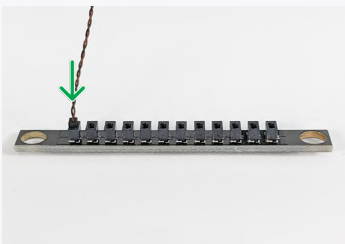
- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

Trans Clear Round Plate 1x1

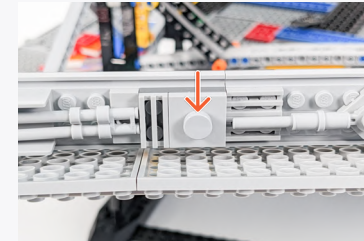



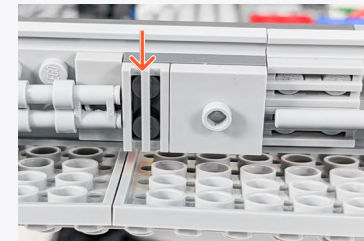




12-Port Expansion Board





28

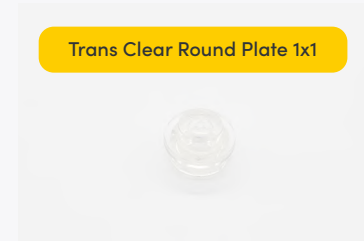




Cool White 30cm Bit Light

Trans Clear Round Plate 1x1

Legend

→ DISCONNECT

→ CONNECT / RECONNECT

↻ TURN / FLIP

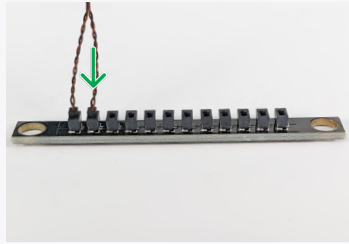
→ DIRECTIONAL

↻ TWIST / BRAID

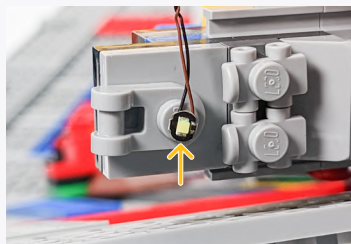
✳ POWER ON TEST

📝 NOTE ICON

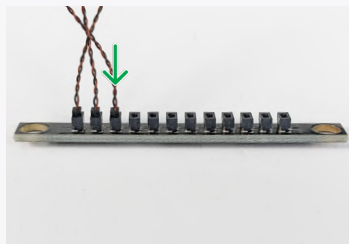
29



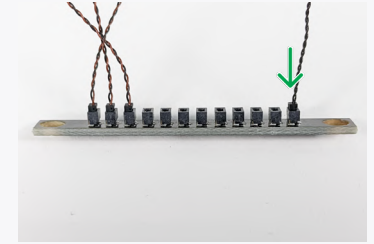
Cool White 30cm Bit Light



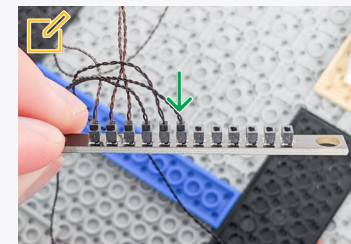
Trans Clear Round Plate 1x1



15cm Connecting Cable



Connect the other end of the 15cm Connecting Cable to the second 12-Port Expansion Board from step 20.



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

30



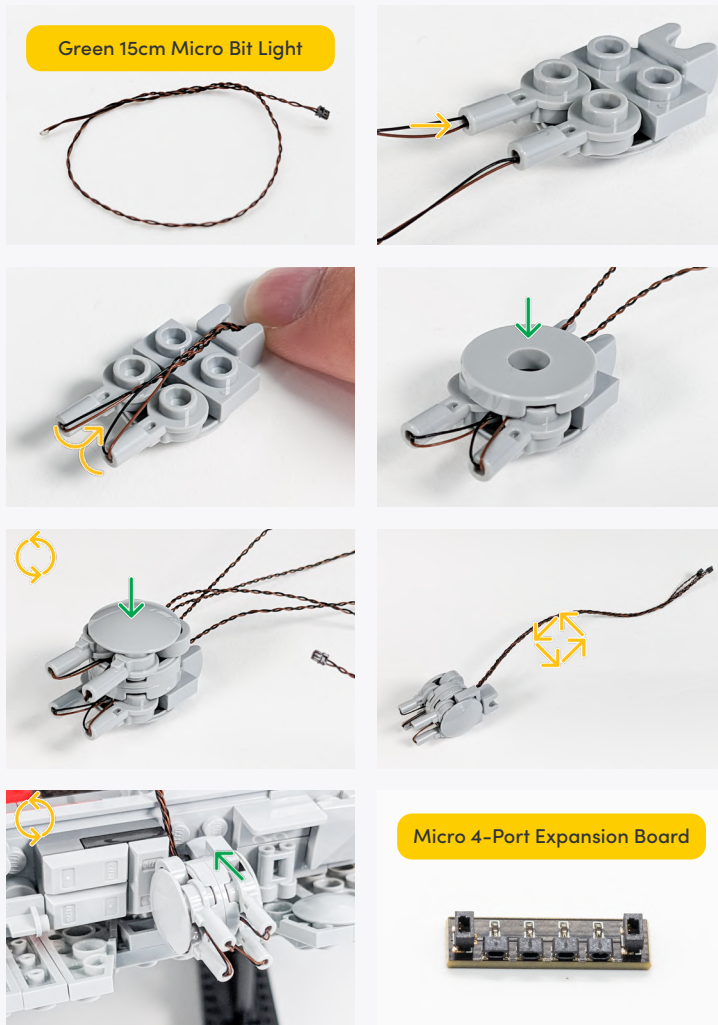
31



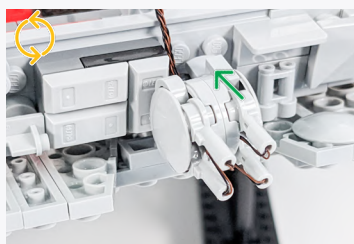
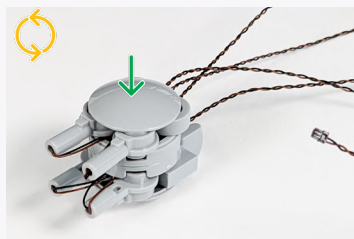
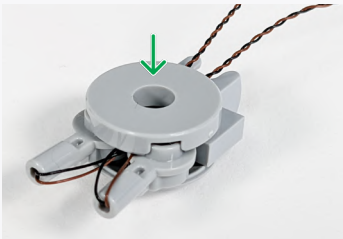
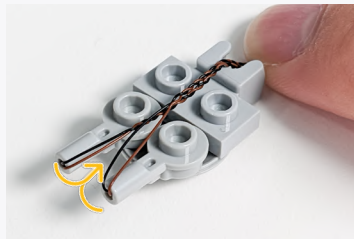
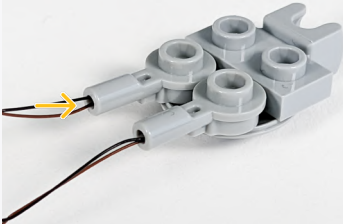
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

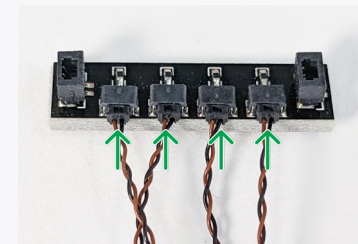
📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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



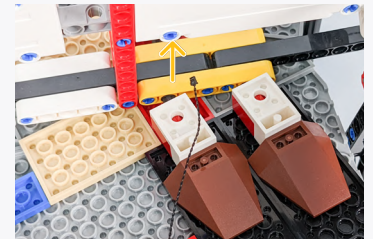
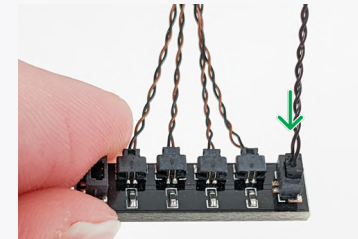
Green 15cm Micro Bit Light



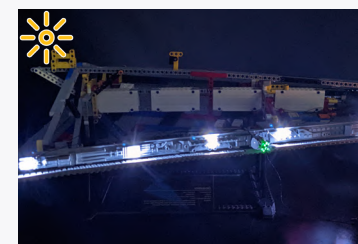
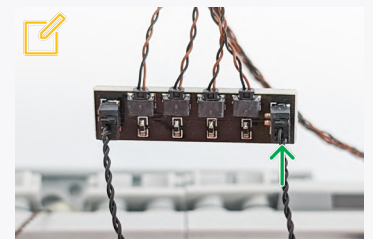
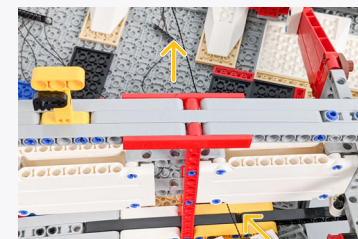
Micro 4-Port Expansion Board



30cm Connecting Cable



📌 Connect the other end of the 30cm Connecting Cable to the Micro 4-Port Expansion Board from the other gun.



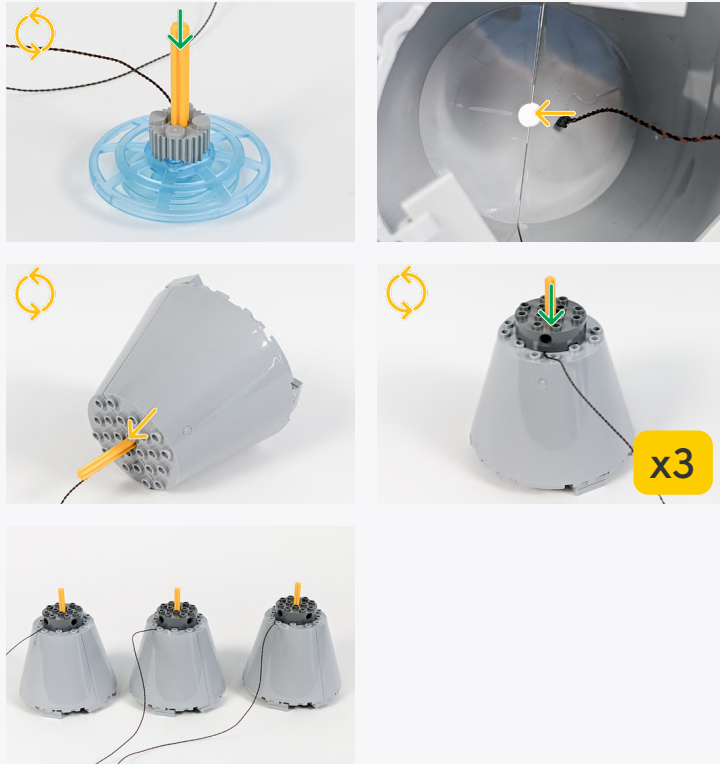
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📌 NOTE ICON

32

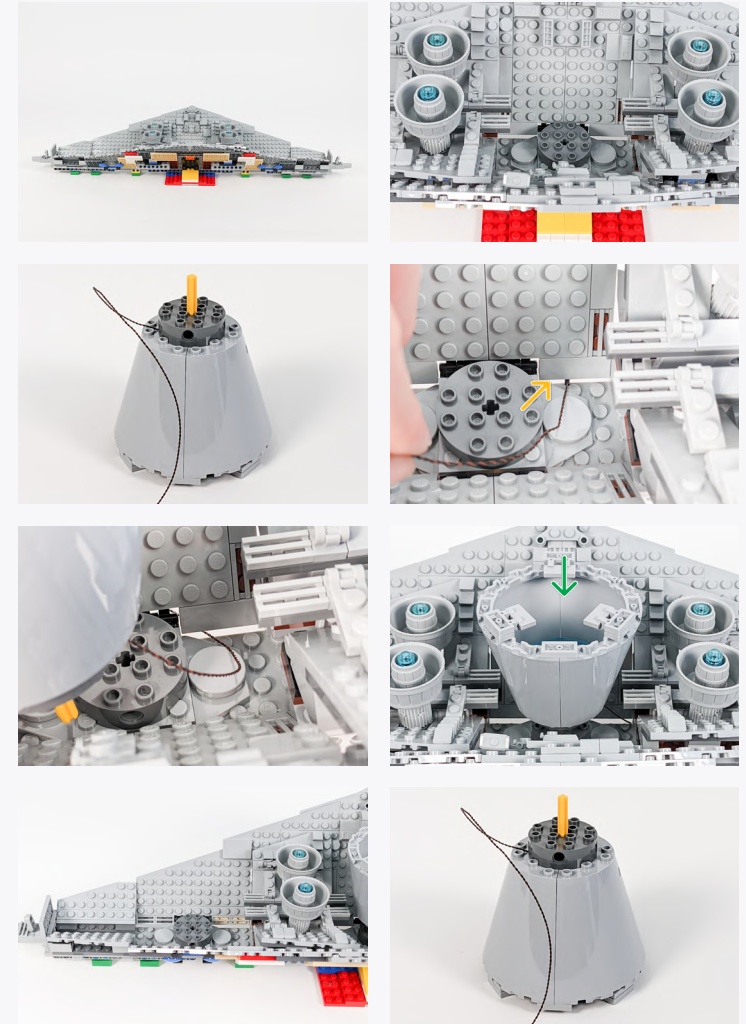


Cool White 30cm Large Bit Light

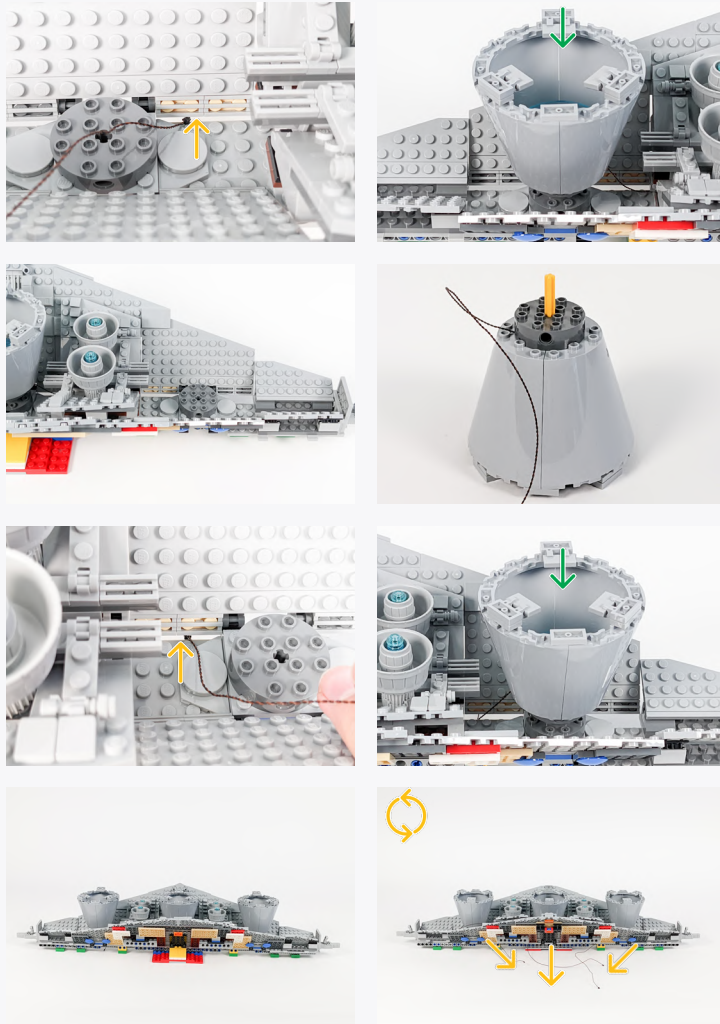
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON



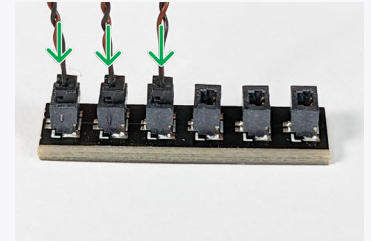
33



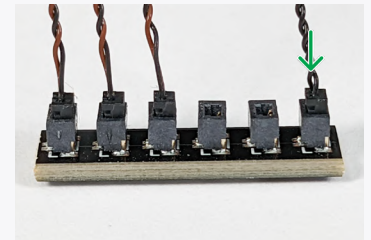
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON



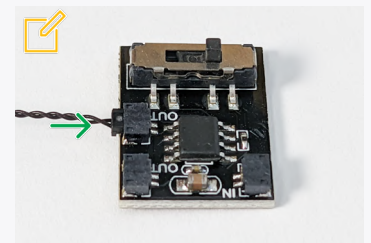
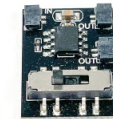
6-Port Expansion Board




5cm Connecting Cable



Pulse Effects Board

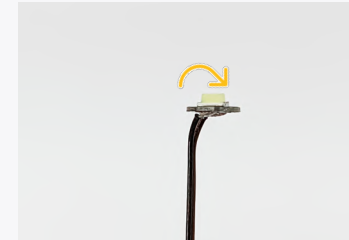
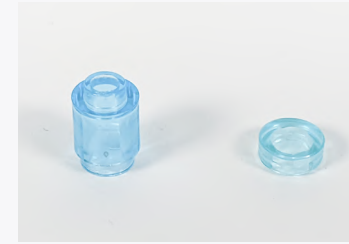
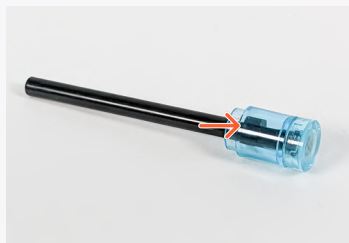
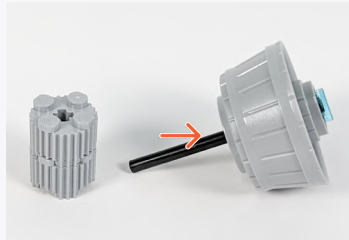
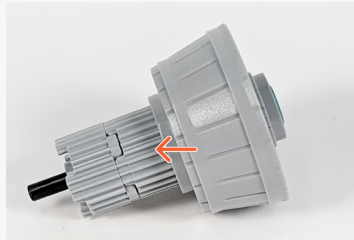
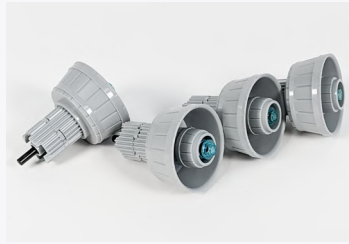
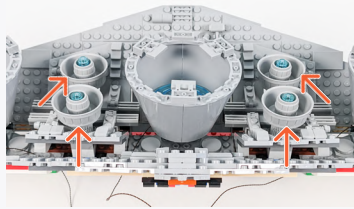


 Connect the other end of the 5cm Connecting Cable to the 'OUT' port of the Pulse Effects Board.

Use the switch to set your desired Pulse Speed. The options are slow, medium or fast.

Legend  DISCONNECT  CONNECT / RECONNECT  TURN / FLIP  DIRECTIONAL  TWIST / BRAID  POWER ON TEST  NOTE ICON

34



Cool White 30cm Bit Light



Trans Blue Round Plate 1x1

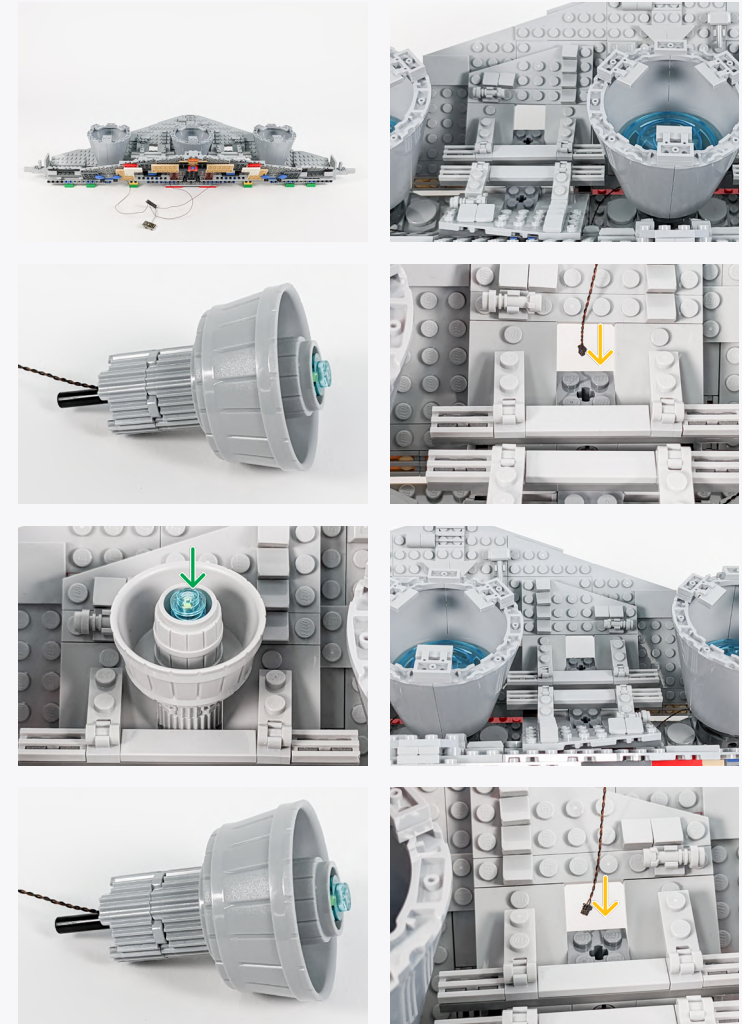


Legend

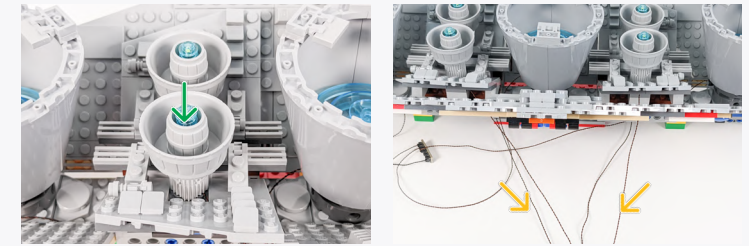
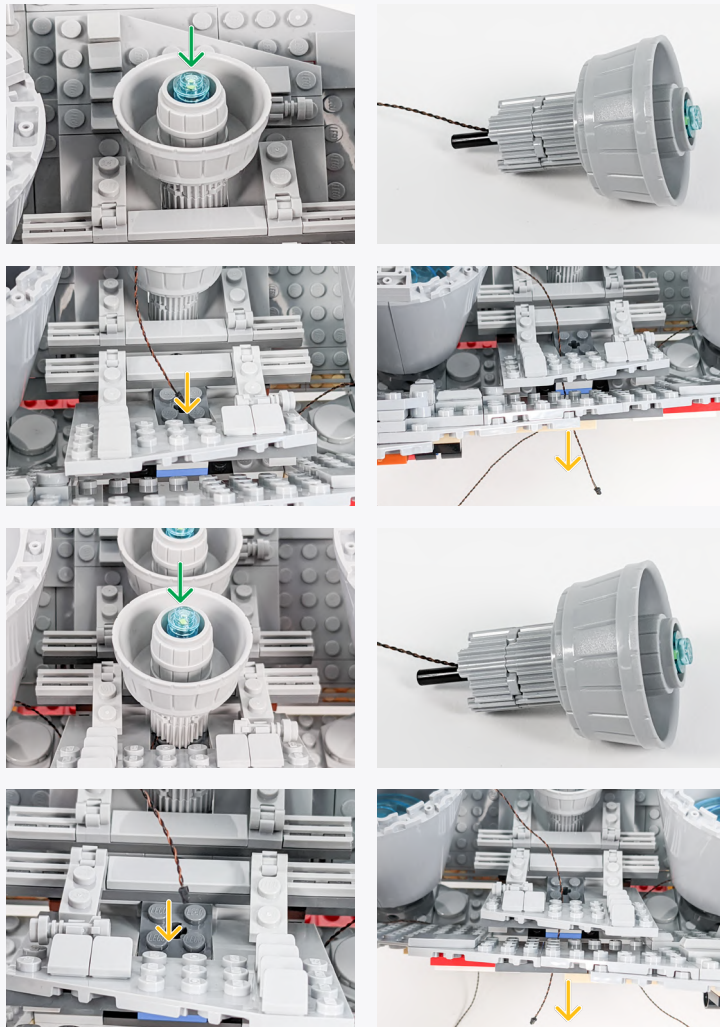
- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↔ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON



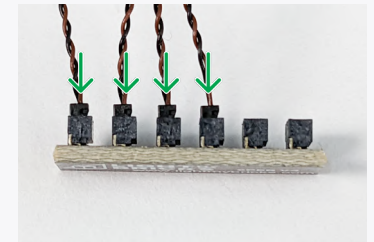
35



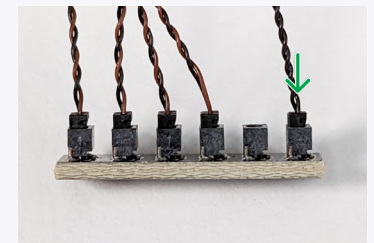
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON




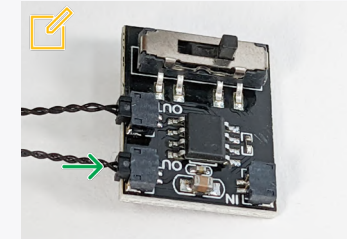
6-Port Expansion Board



5cm Connecting Cable




 Connect the other end of the 5cm Connecting Cable to the 'OUT' port of the Pulse Effects Board.



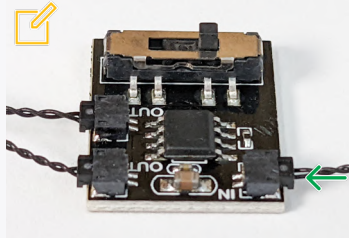
5cm Connecting Cable



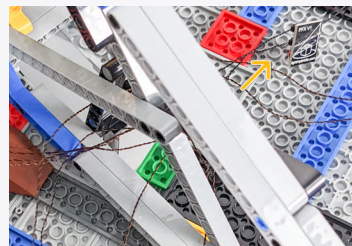
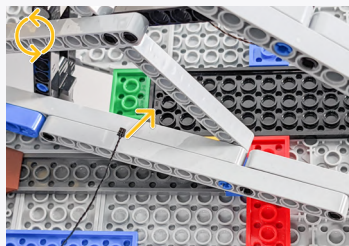
Legend  DISCONNECT  CONNECT / RECONNECT  TURN / FLIP  DIRECTIONAL  TWIST / BRAID  POWER ON TEST  NOTE ICON

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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

Connect the 5cm Connecting Cable to the 'IN' port of the Pulse Effects Board.



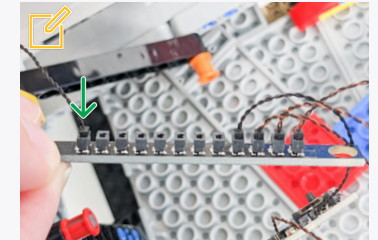
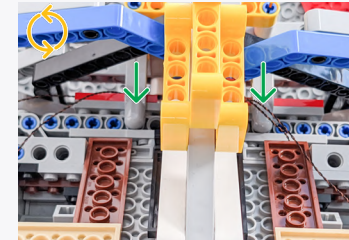
36



When reconnecting the engines, slightly lift the assembly to allow the technic pins to connect properly.



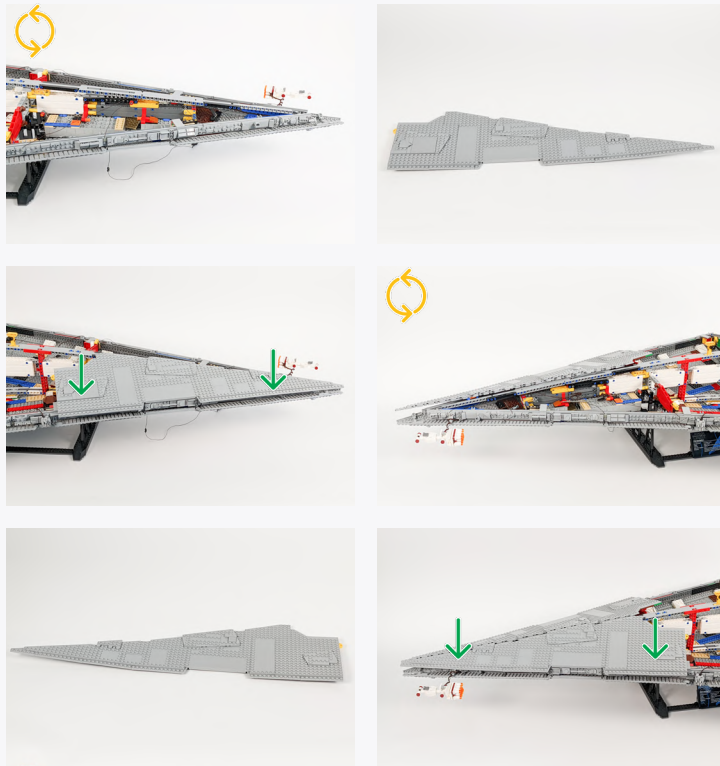
Connect the other end of the 5cm Connecting Cable to the third 12-Port Expansion Board from step 27.



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

37

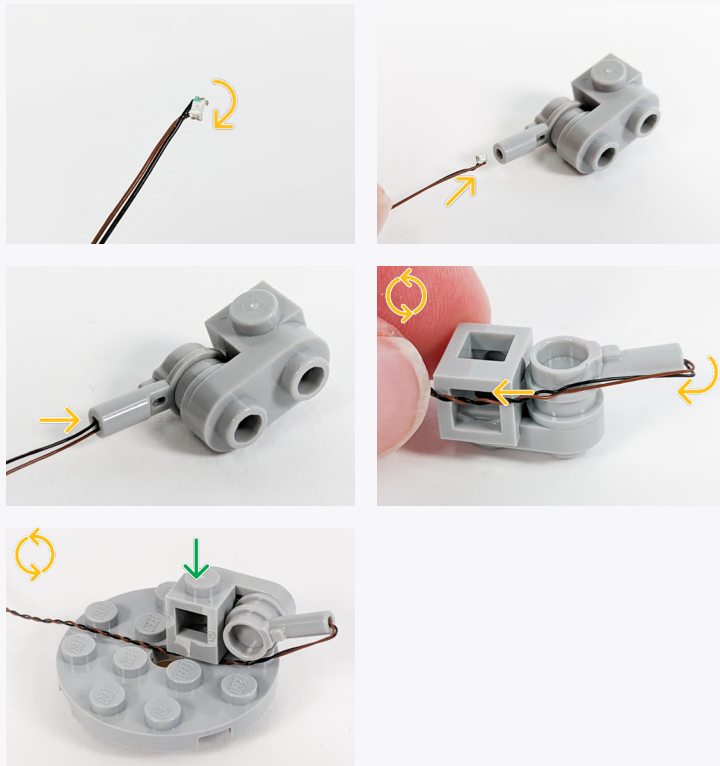


38

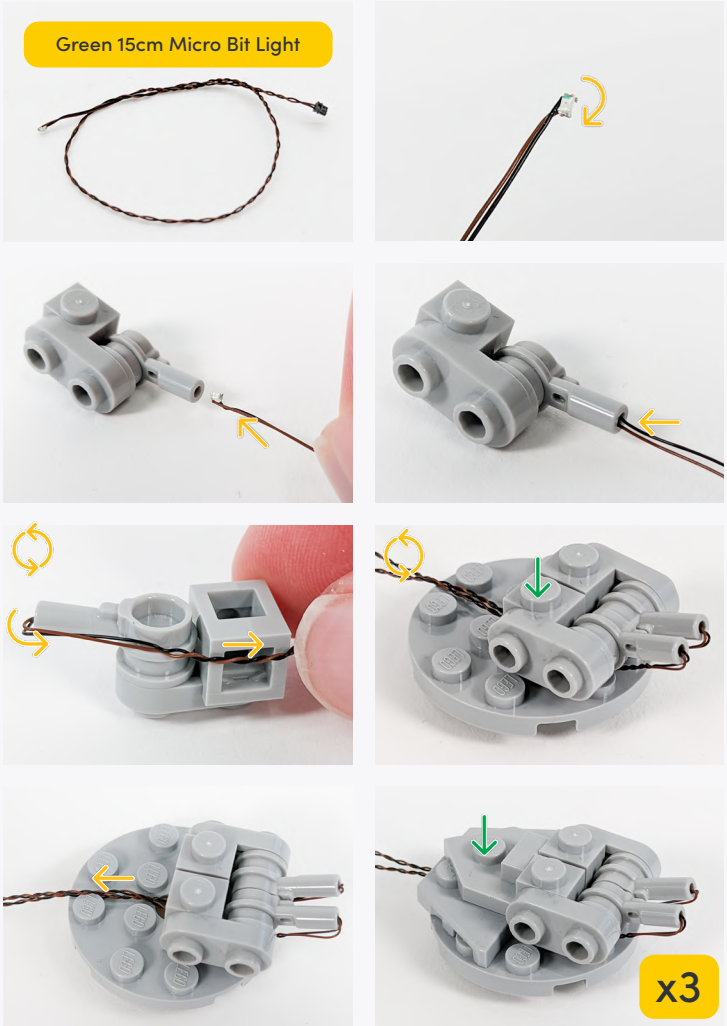


Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON



39

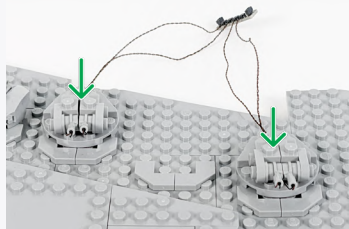
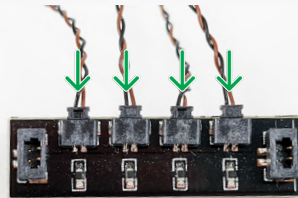


Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

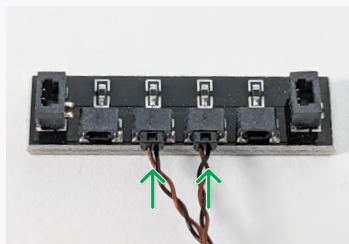
40



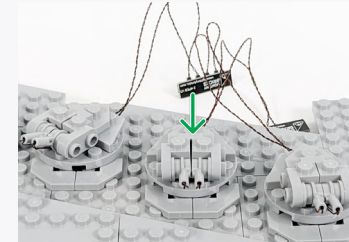
Micro 4-Port Expansion Board



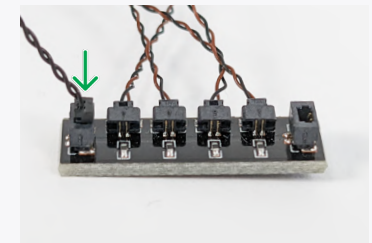
Micro 4-Port Expansion Board



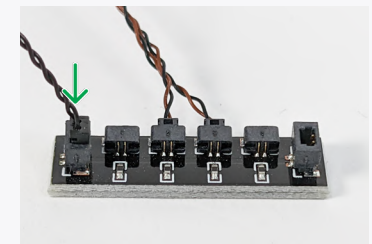
41



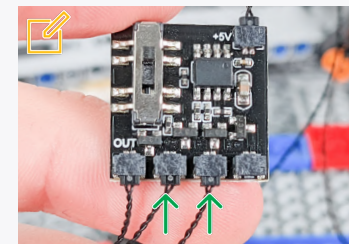
15cm Connecting Cable



15cm Connecting Cable



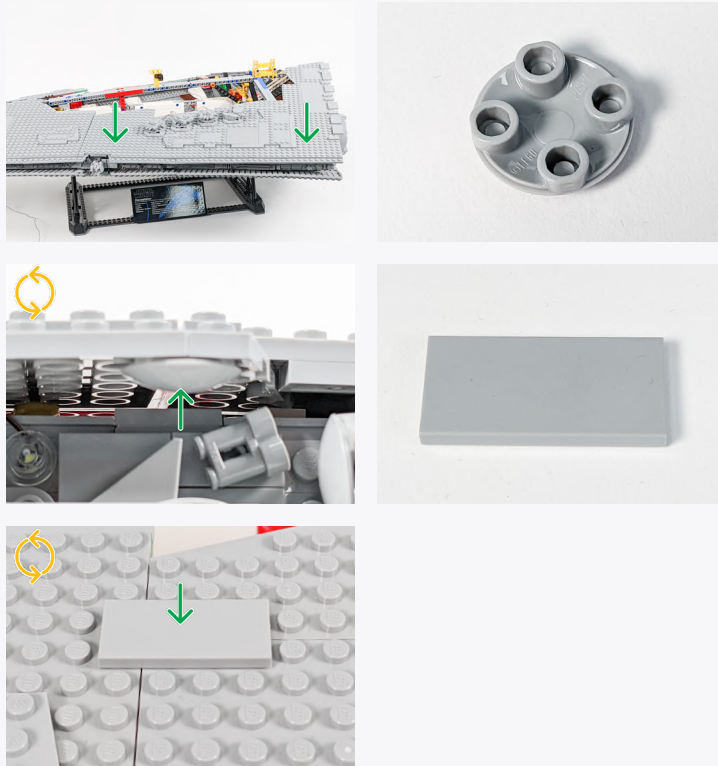
Connect the other ends of both 15cm Connecting Cables to the 'OUT' ports of the Gun Effects Board.



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

42

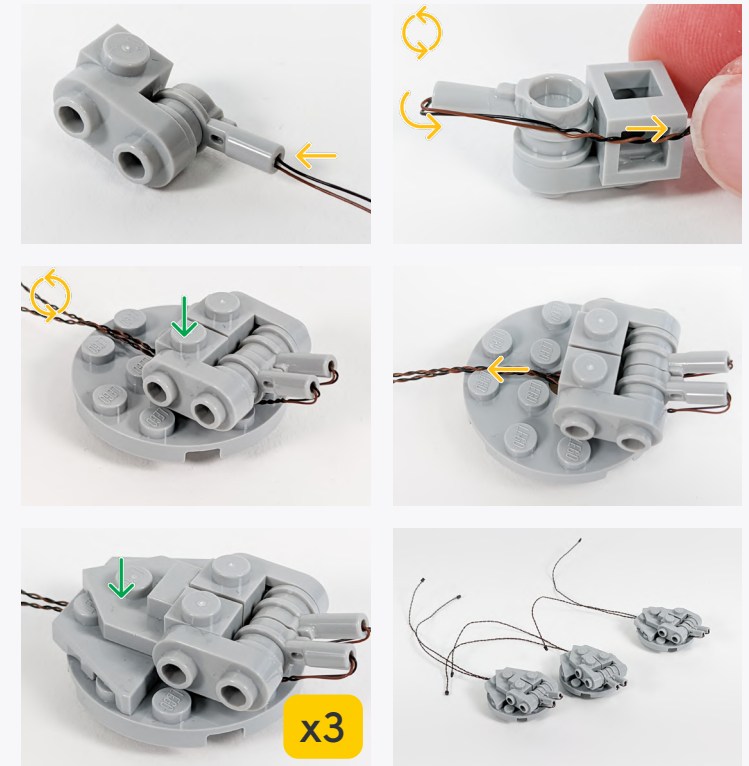
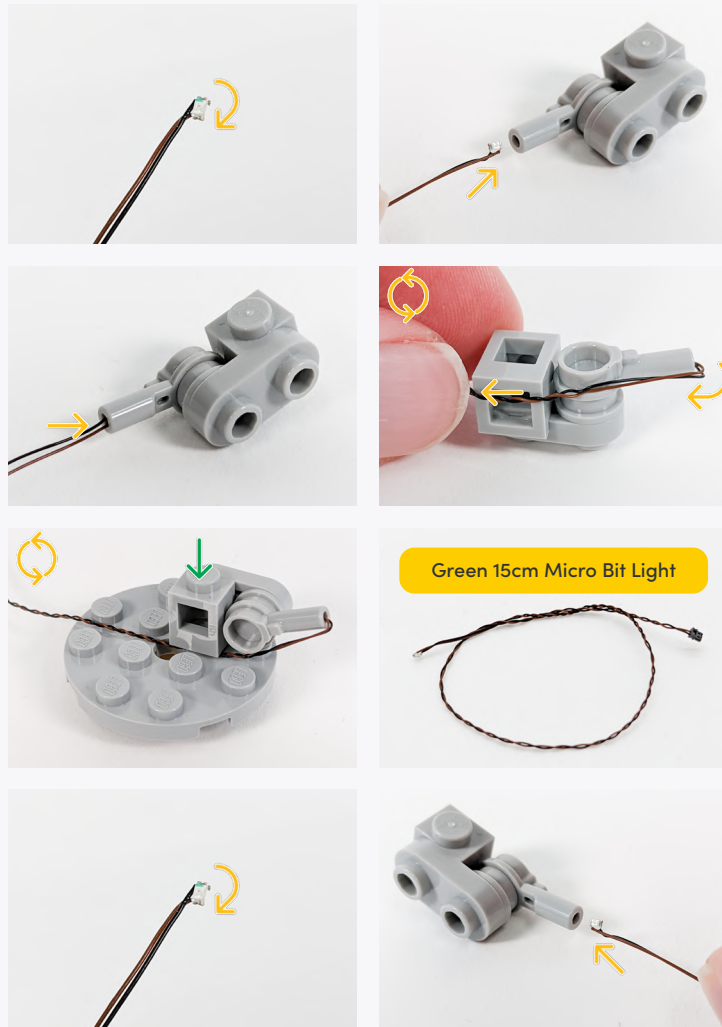


43



Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

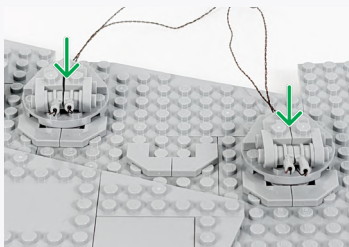
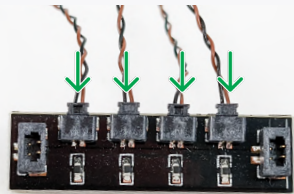


Legend

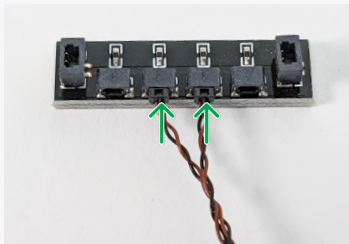
- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

44

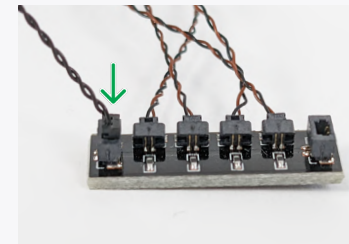
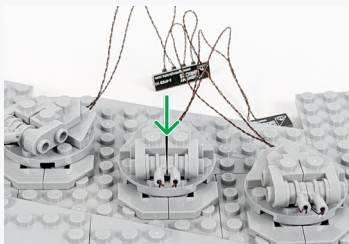
Micro 4-Port Expansion Board



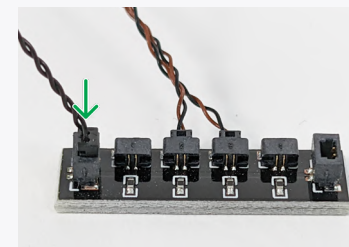
Micro 4-Port Expansion Board



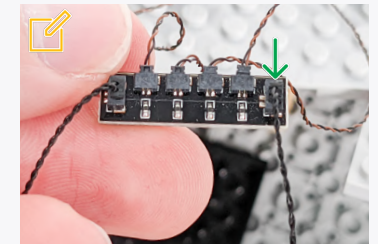
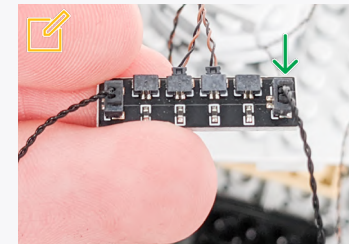
30cm Connecting Cable



30cm Connecting Cable



Connect the other ends of both 30cm Connecting Cables to the remaining large ports on both Micro 4-Port Expansion Boards from step 40.

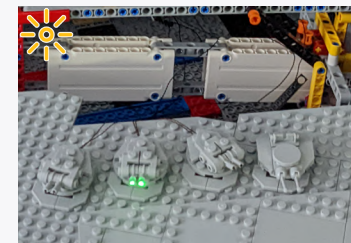
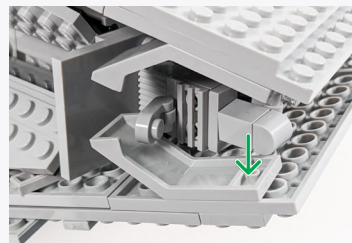
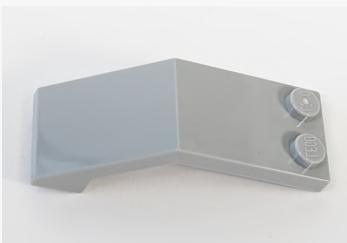
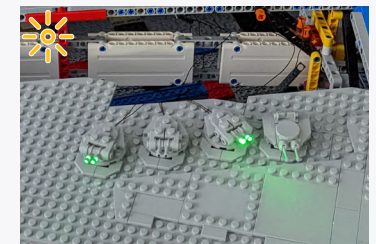
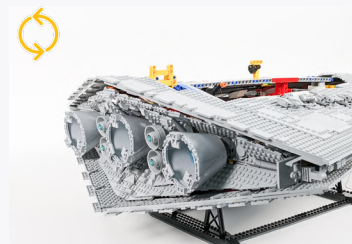
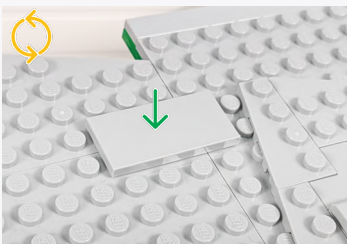
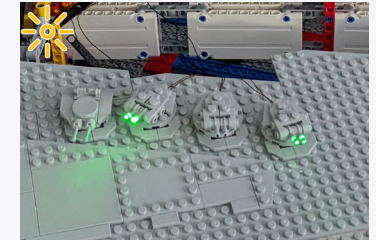
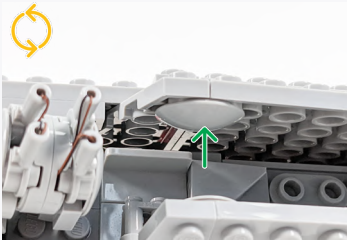
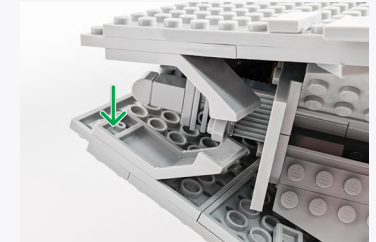
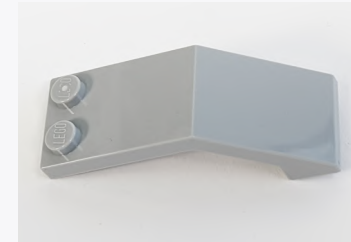
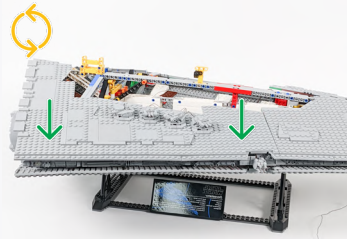


Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

45

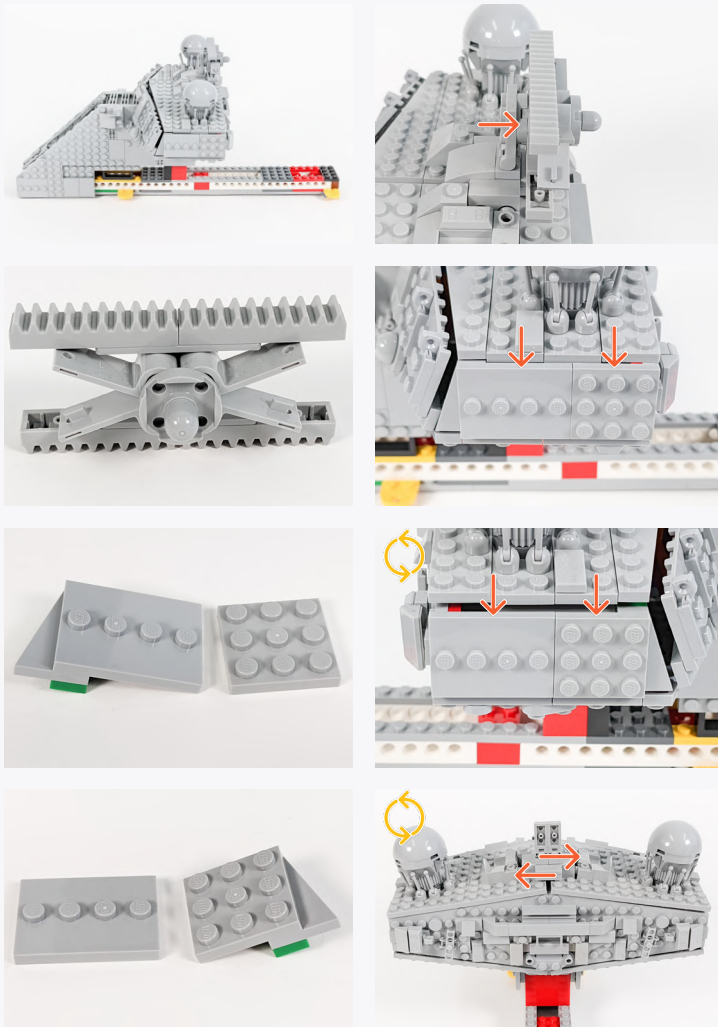
📌 If you experience any issues with the lights not working and suspect an issue with a component, please try a different port on the expansion board to verify where the fault lies (with the light or expansion board). To correct any issues with expansion board ports, please view the section addressing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



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

46



47



Cool White 30cm Bit Light

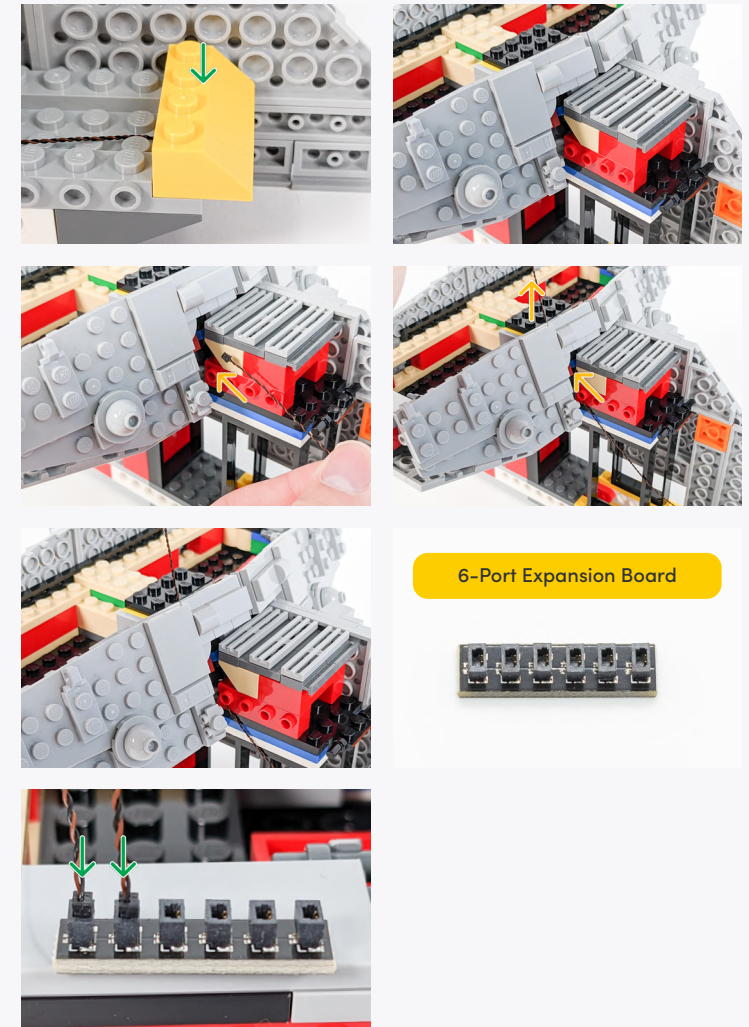


Trans Clear Tile 1x2



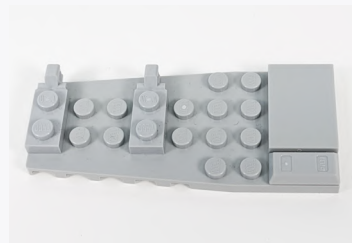
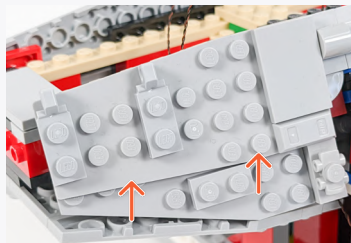
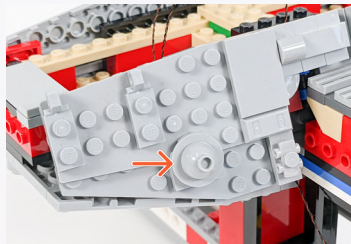
Legend

- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻↻ TWIST / BRAID
- ✳ POWER ON TEST
- 📝 NOTE ICON

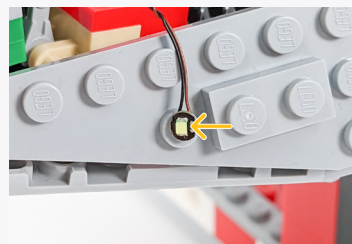


Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON

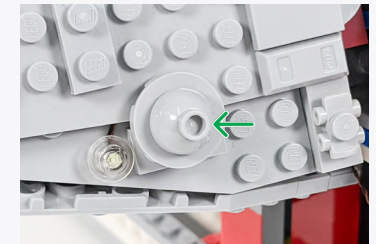
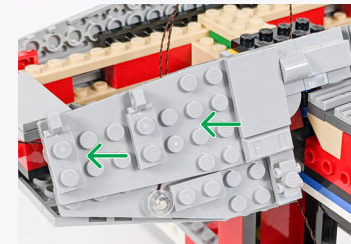
48



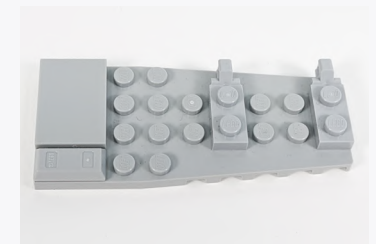
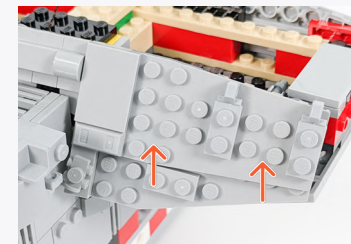
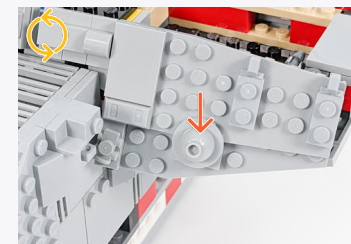
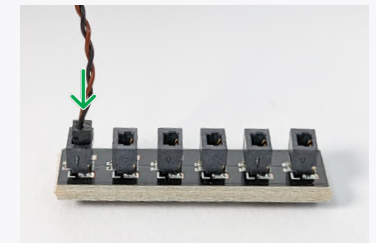
Cool White 30cm Bit Light



Trans Clear Round Plate 1x1



6-Port Expansion Board



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

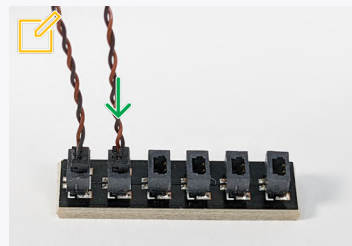
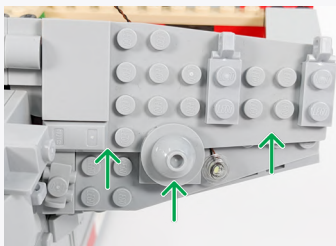
Cool White 30cm Bit Light



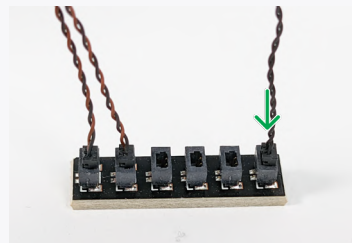
Trans Clear Round Plate 1x1



Connect the Bit Light to the 6-Port Expansion Board from this step.

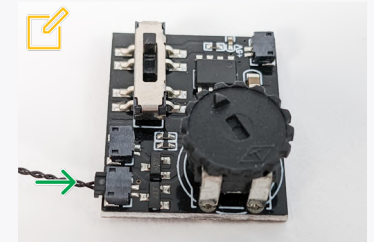
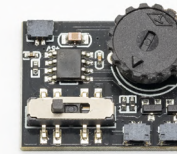


5cm Connecting Cable



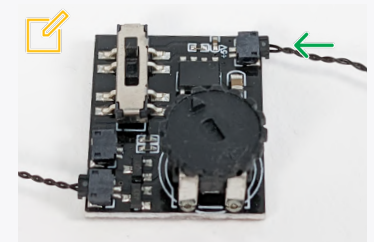
Connect the other end of the 5cm Connecting Cable to the 'OUT' port of the Multi Effects Board.

Multi Effects Board

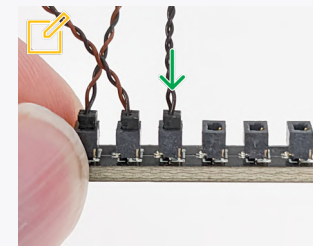


Connect the 5cm Connecting Cable to the 'IN' port of the Multi Effects Board.

5cm Connecting Cable



Connect the other end of the 5cm Connecting Cable to the 6-Port Expansion Board from step 46.



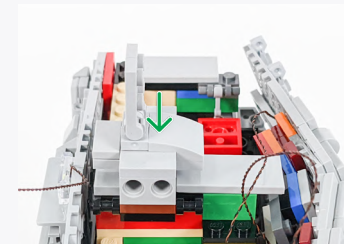
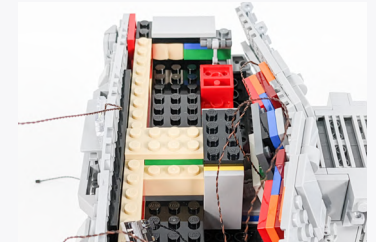
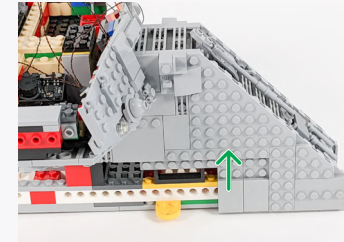
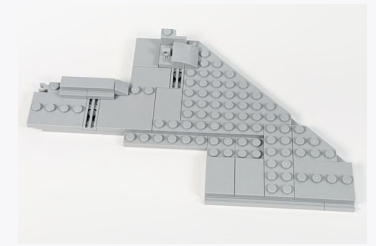
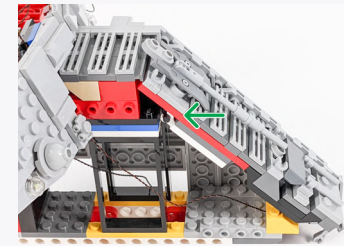
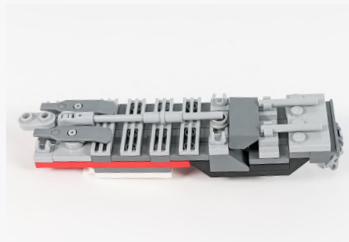
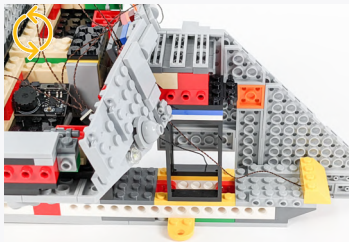
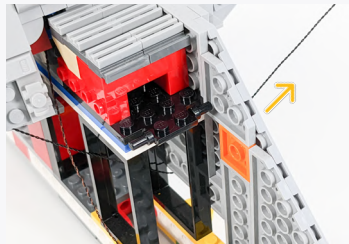
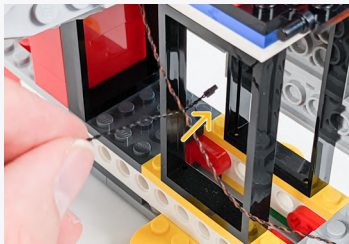
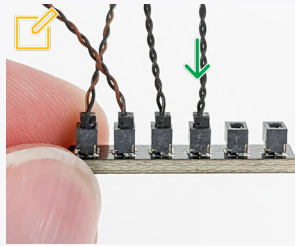
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

49

Connect the 50cm Connecting Cable to the 6-Port Expansion Board from step 46.

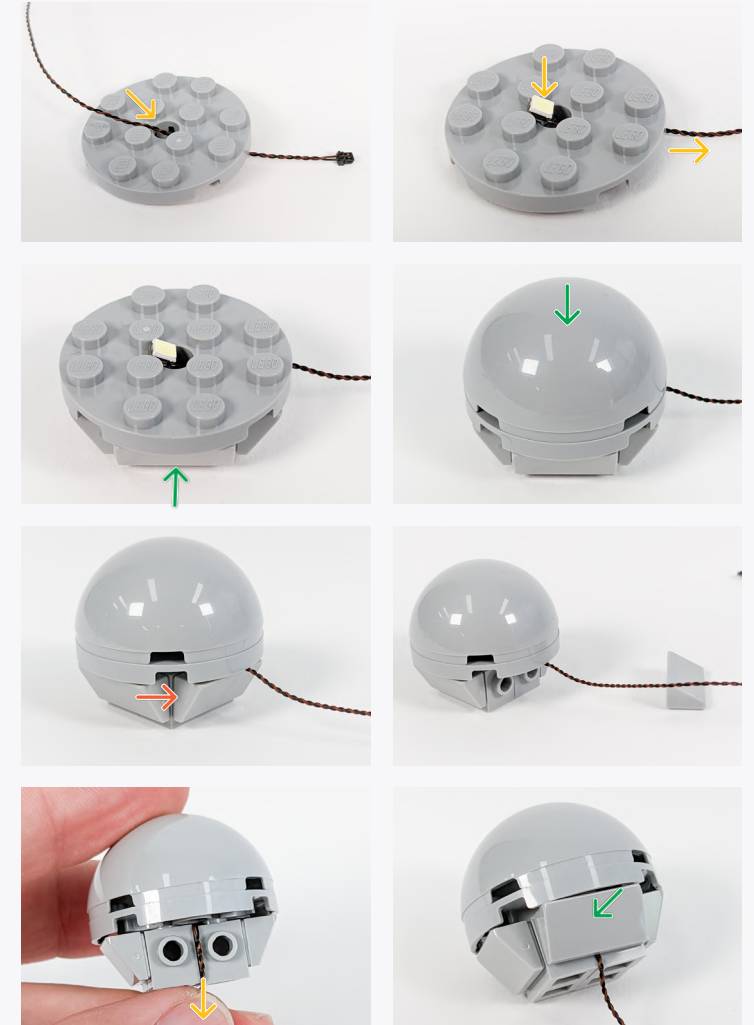
30cm Connecting Cable



Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

50

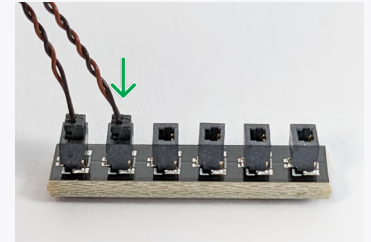
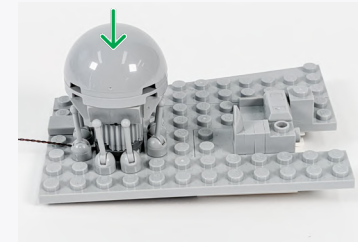


Legend

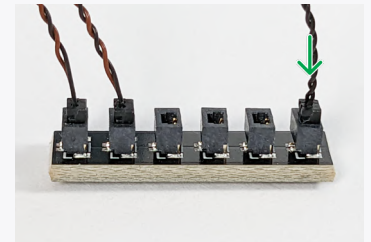
- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON



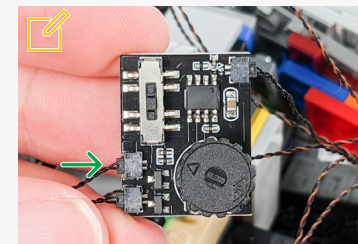
51



5cm Connecting Cable

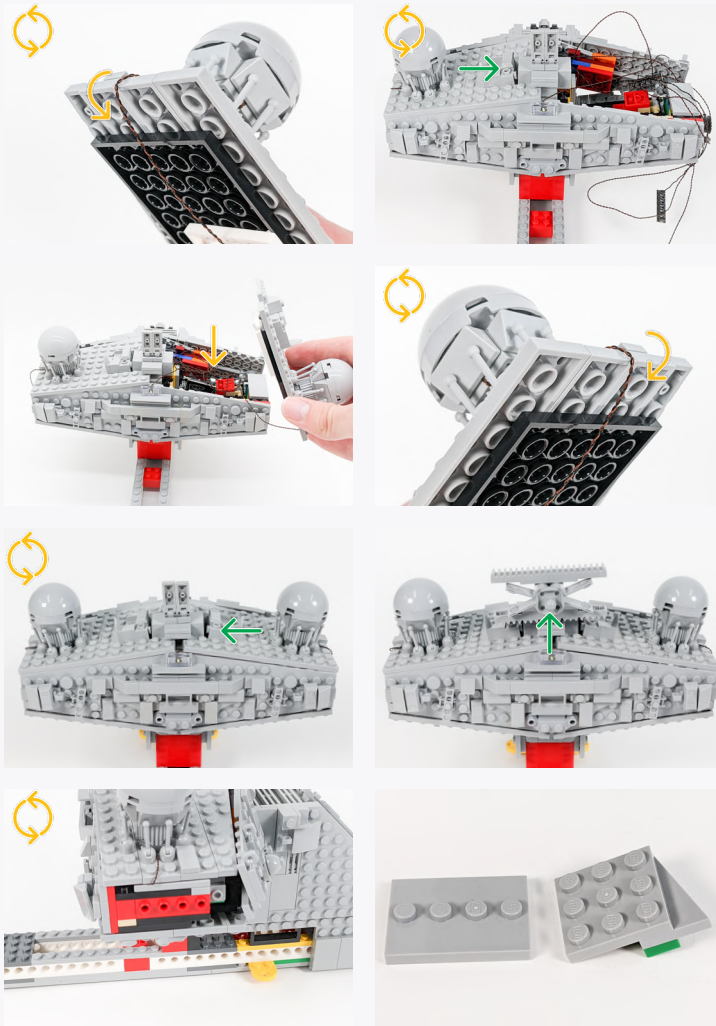


Connect the other end of the 5cm Connecting Cable to the 'OUT' port on the Multi Effects Board.

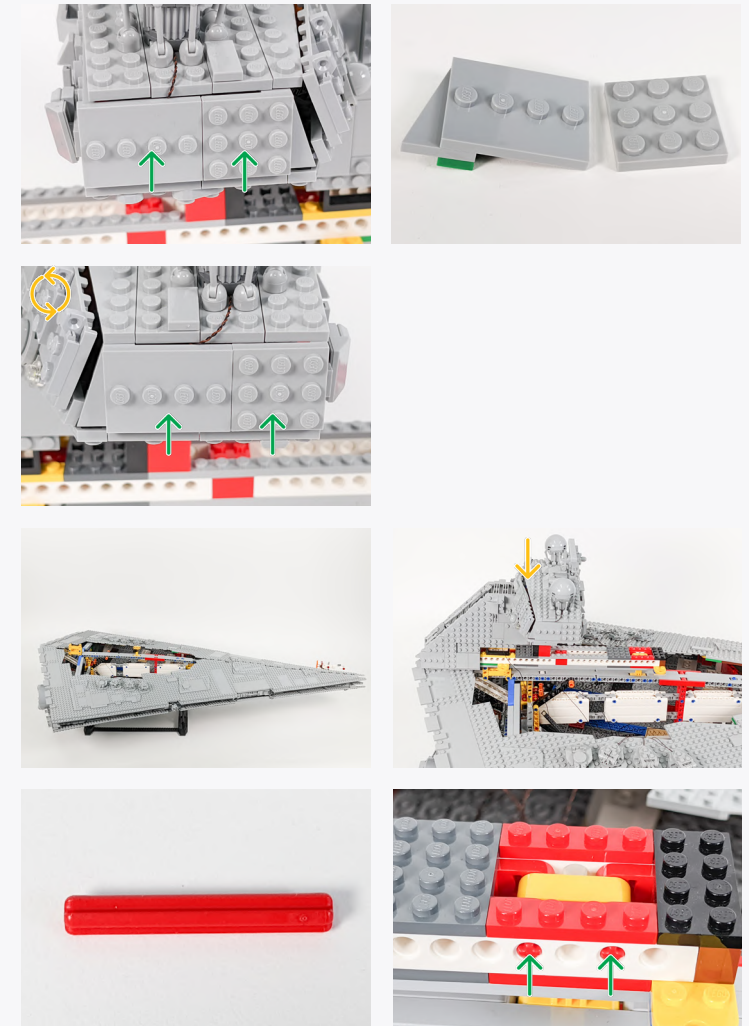


Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON

52



53



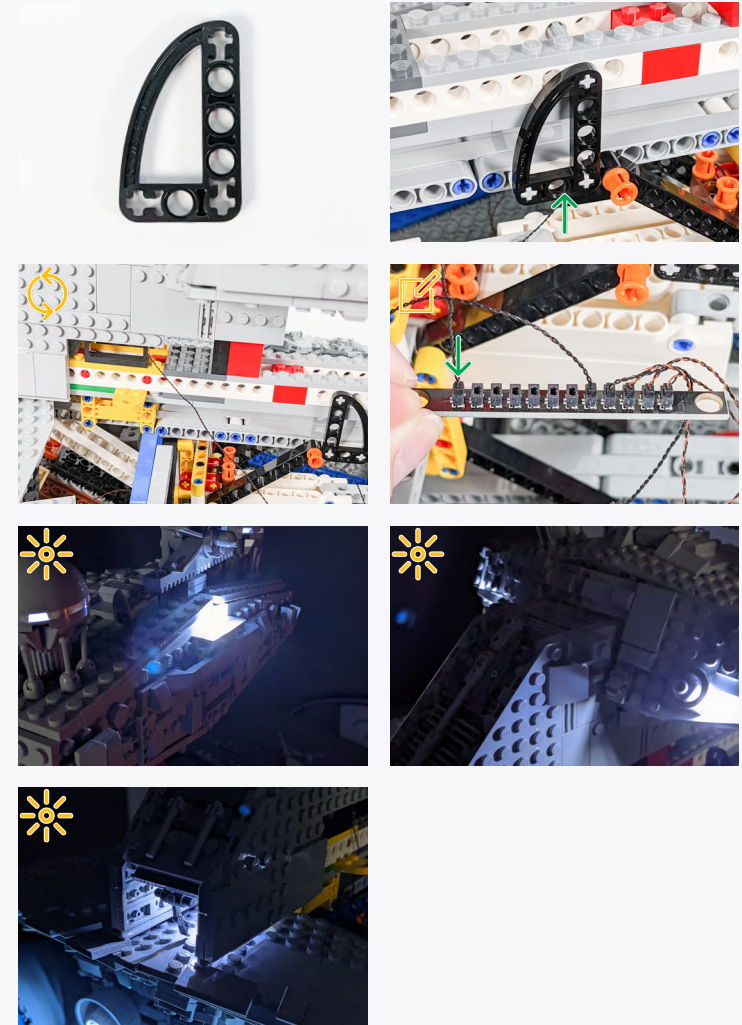
Legend

-  DISCONNECT
-  CONNECT / RECONNECT
-  TURN / FLIP
-  DIRECTIONAL
-  TWIST / BRAID
-  POWER ON TEST
-  NOTE ICON

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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

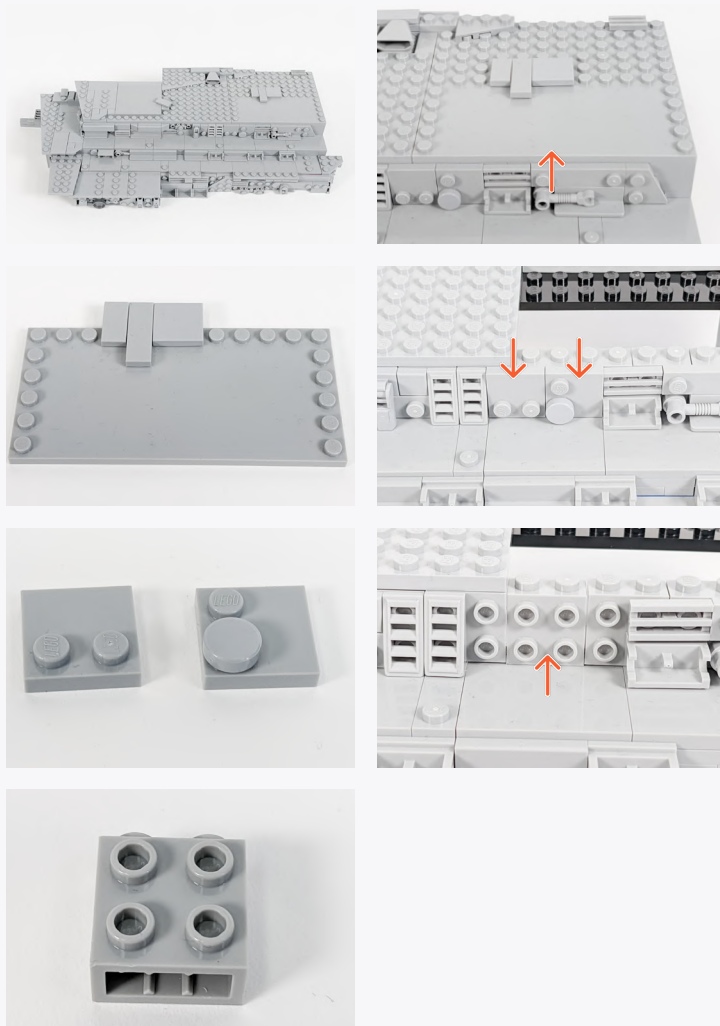


Connect the 30cm Connecting Cable from step 48 to the third 12-Port Expansion Board from step 27.

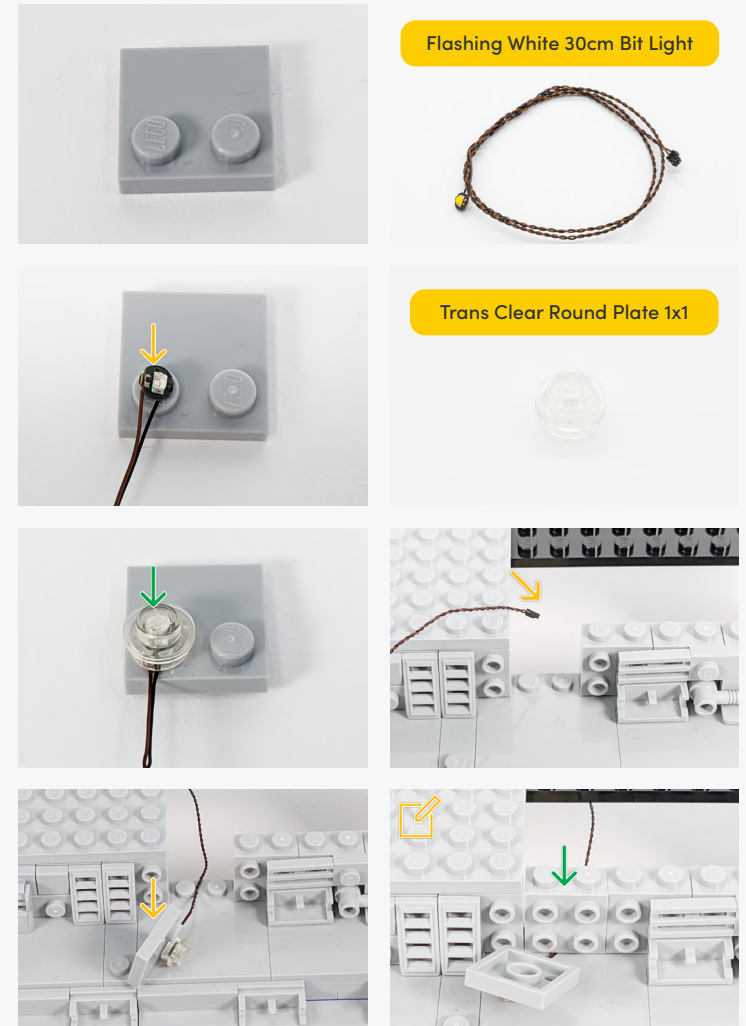


Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON

54



55



Flashing White 30cm Bit Light

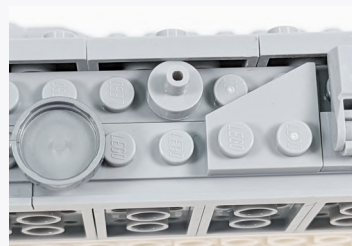
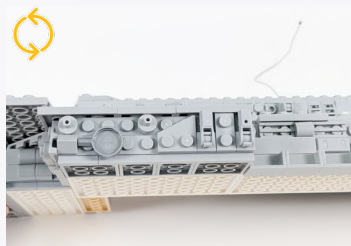
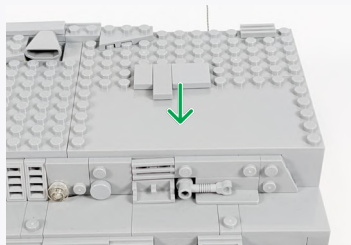
Trans Clear Round Plate 1x1

When reconnecting this piece allow some slack so that we can reconnect the loose piece afterwards.

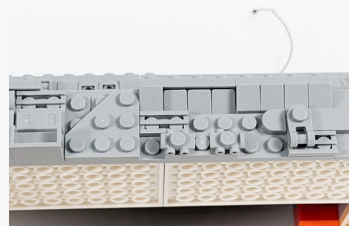
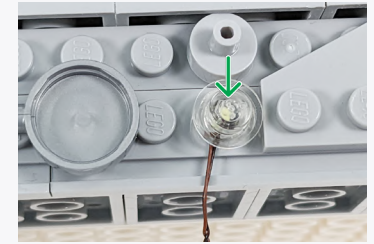
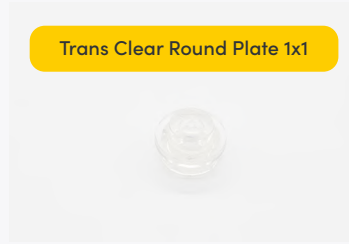
Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

56



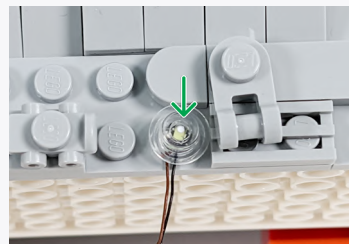
Cool White 30cm Bit Light



Cool White 30cm Bit Light




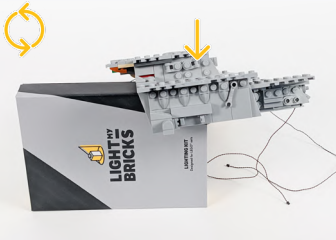
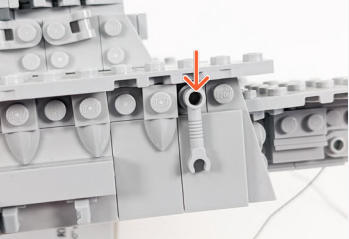
Trans Clear Round Plate 1x1





Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

57





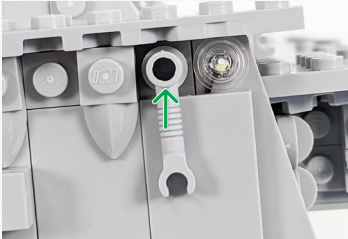
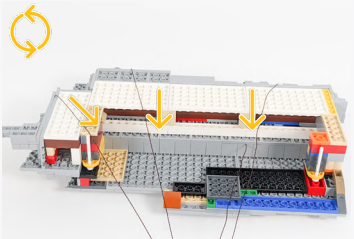
Light My Bricks Box


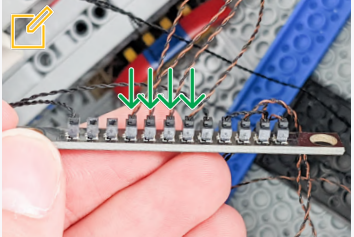

Cool White 30cm Bit Light

Trans Clear Round Plate 1x1

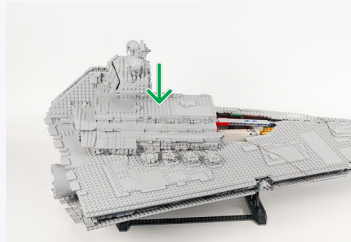







Connect the loose Bit Lights from this section to the third 12-Port Expansion Board from step 27.

Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON

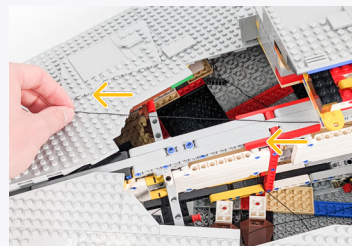
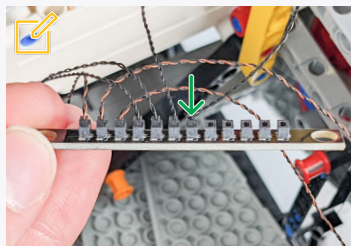
58



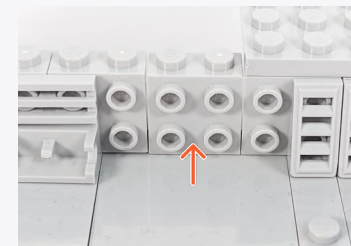
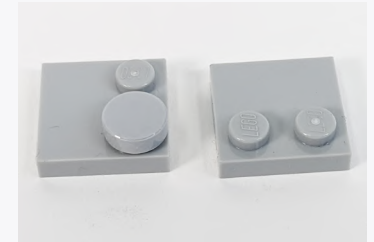
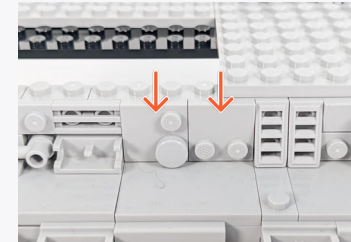
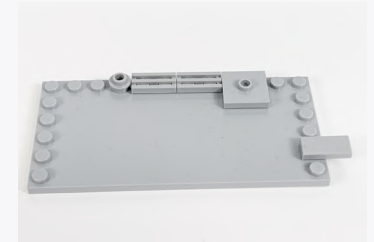
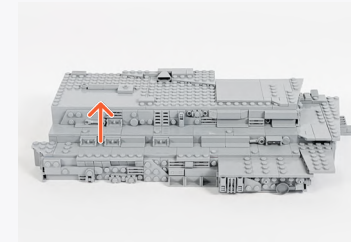
30cm Connecting Cable



✍️ Connect the 30cm Connecting Cable to the second 12-Port Expansion Board from step 20.



59

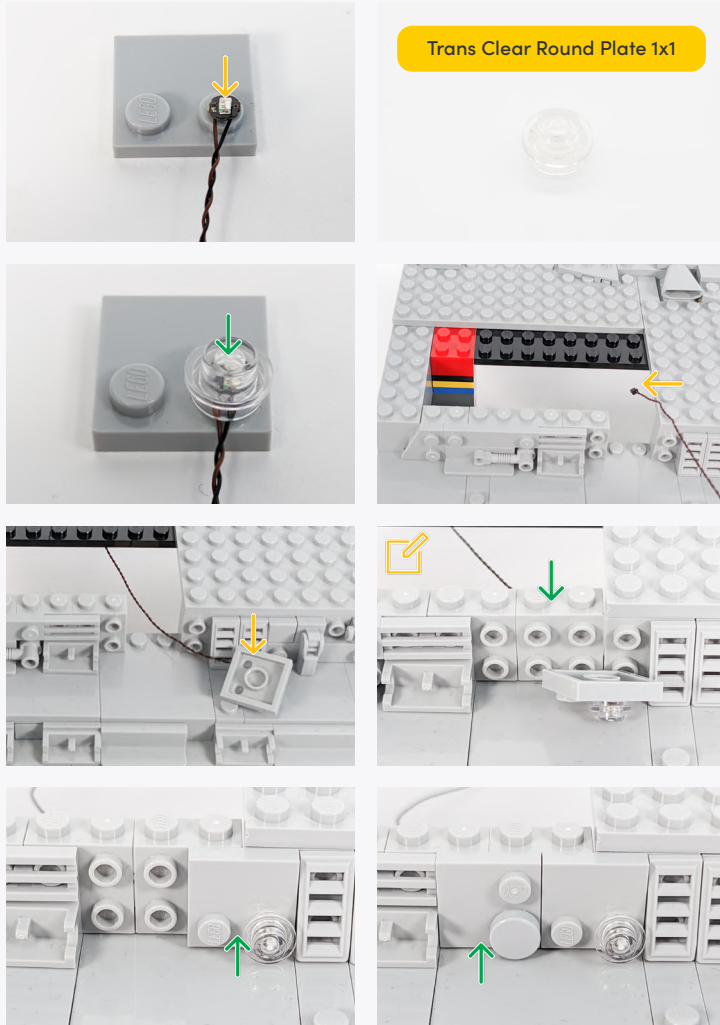


Flashing White 30cm Bit Light



Legend

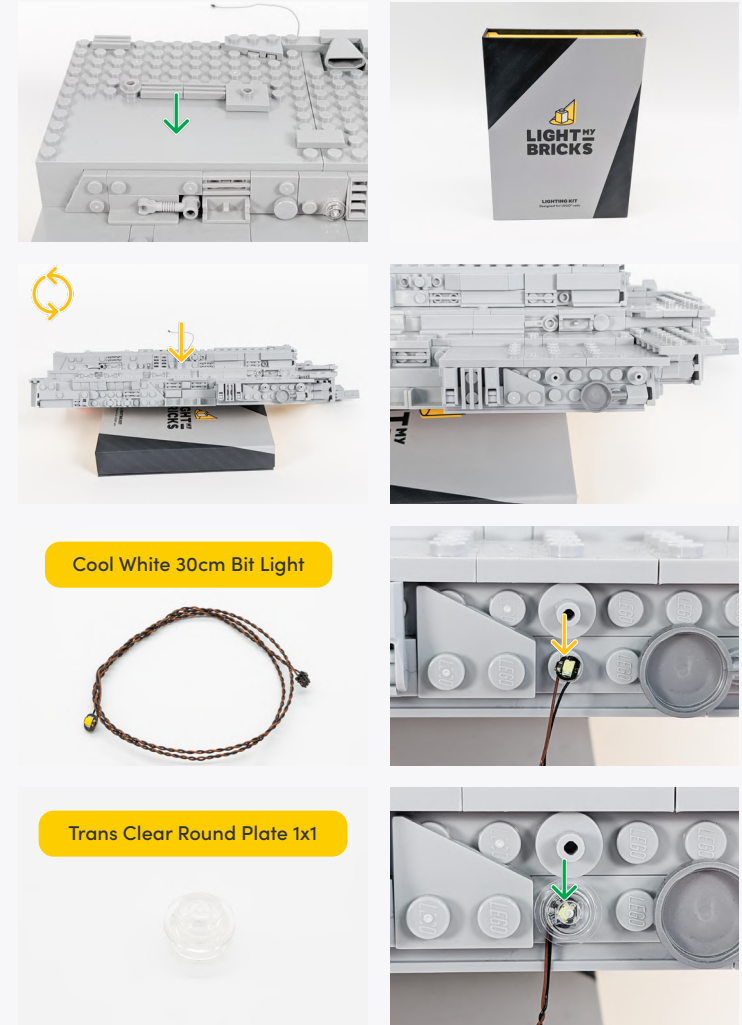
- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON



Trans Clear Round Plate 1x1

When reconnecting this piece allow some slack to be able to reconnect the loose piece afterwards.

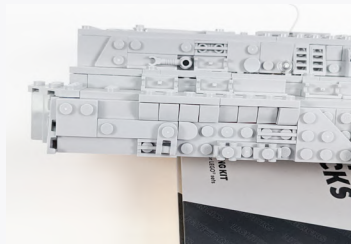
60



Cool White 30cm Bit Light

Trans Clear Round Plate 1x1

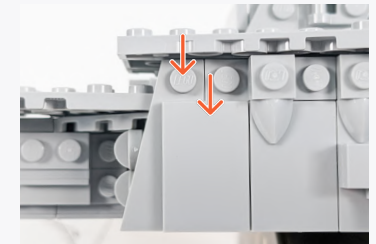
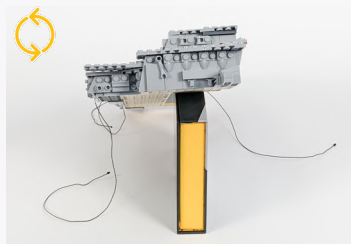
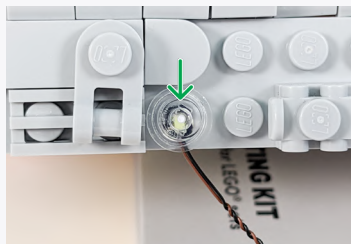
Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON



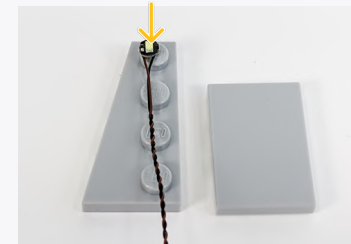
Cool White 30cm Bit Light



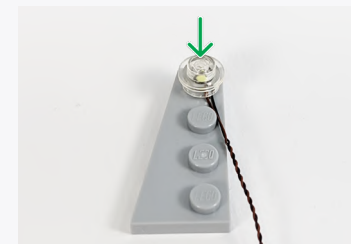
Trans Clear Round Plate 1x1



Cool White 30cm Bit Light



Trans Clear Round Plate 1x1

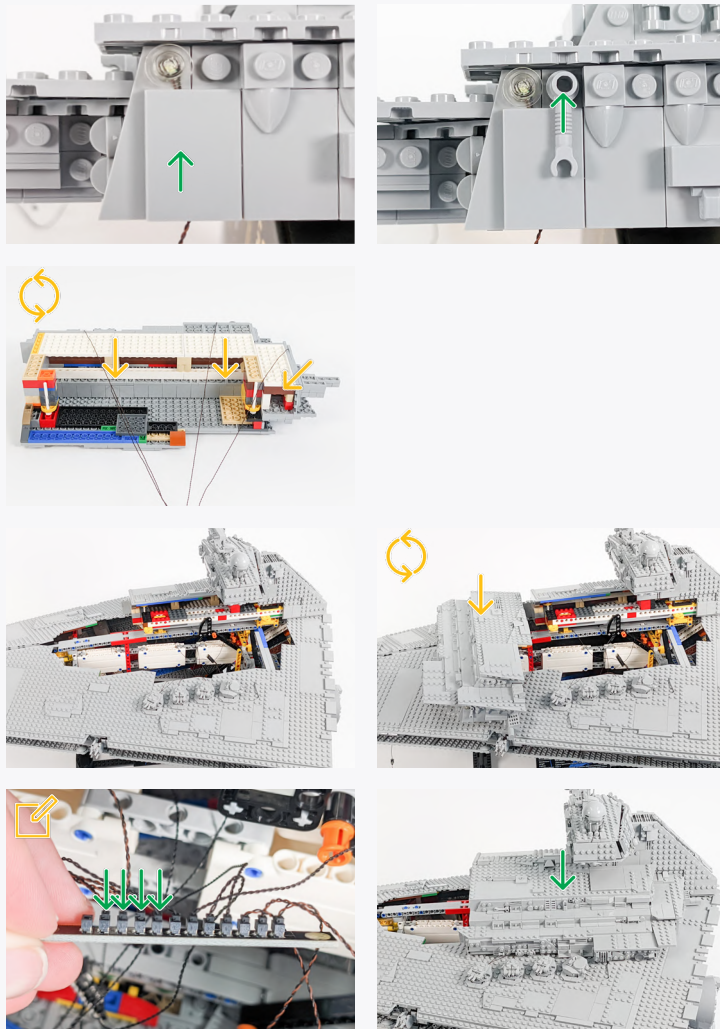


Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📄 NOTE ICON

📌 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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

61

📌 Connect the loose Bit Light Cables to the second 12-Port Expansion Board from step 20.

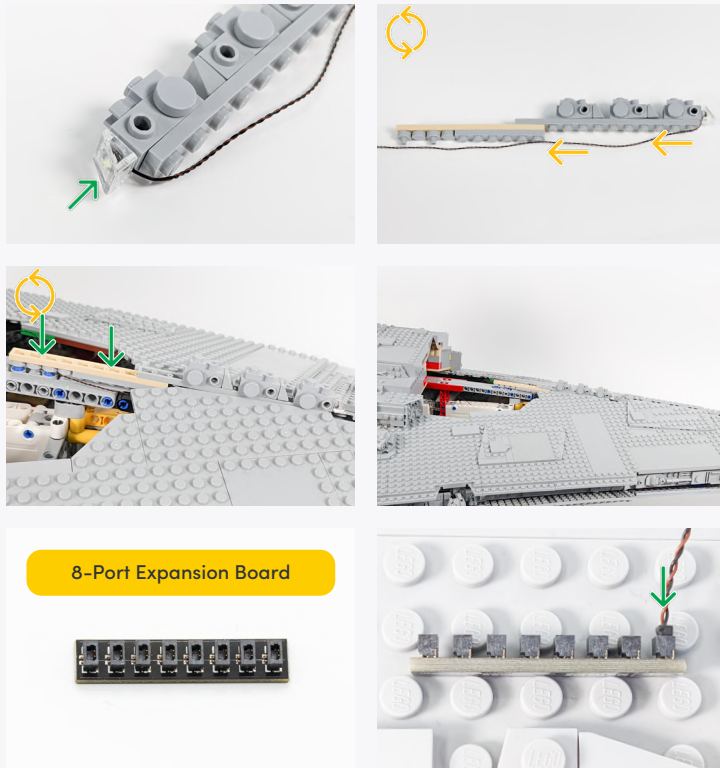


62

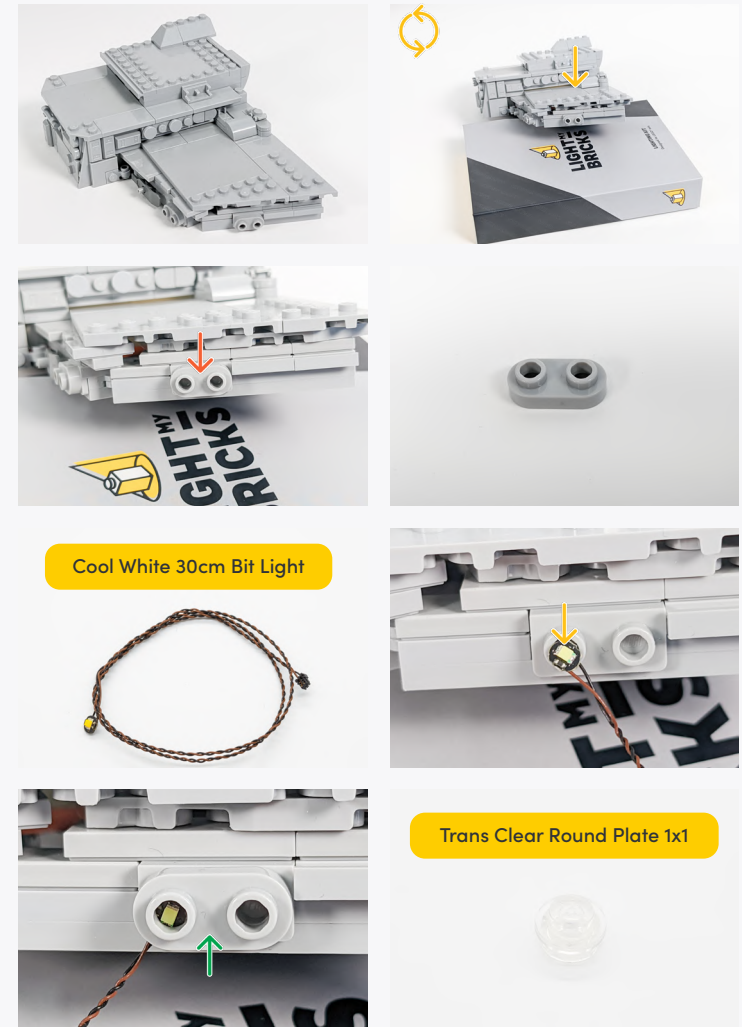


Legend

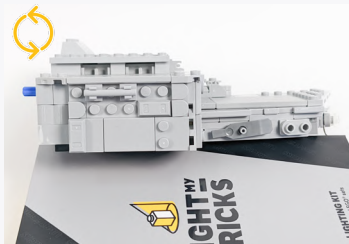
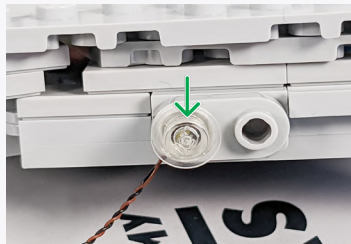
- DISCONNECT
- CONNECT / RECONNECT
- ↻ TURN / FLIP
- DIRECTIONAL
- ↻ TWIST / BRAID
- ☀️ POWER ON TEST
- 📌 NOTE ICON



63



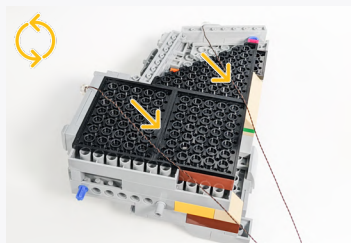
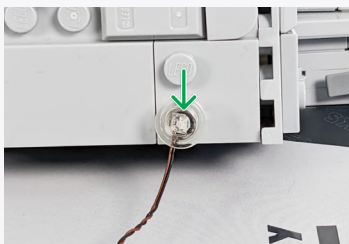
Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON



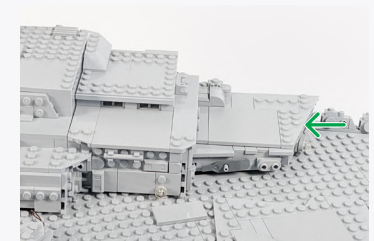
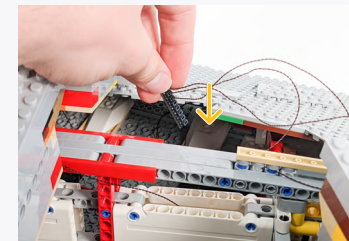
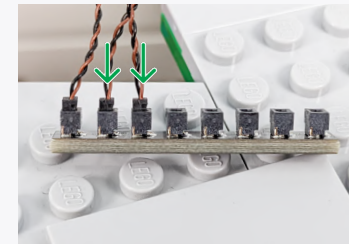
Flashing Red 30cm Bit Light



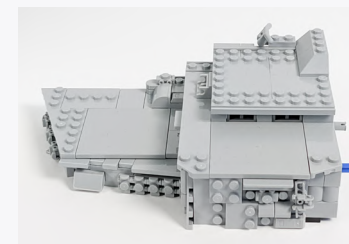
Trans Clear Round Plate 1x1



Connect the loose 30cm Connecting Cable from step 57 to the 8-Port Expansion Board.



64

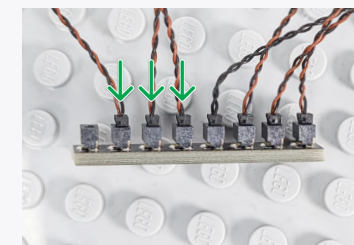
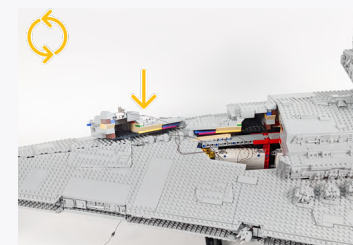
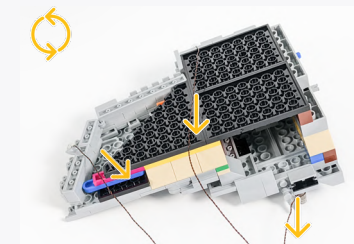
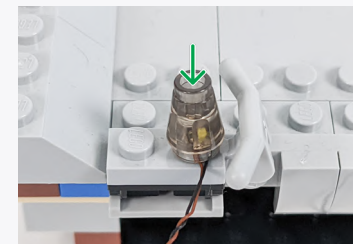
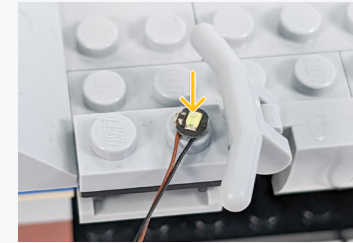
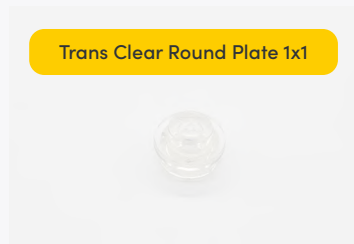
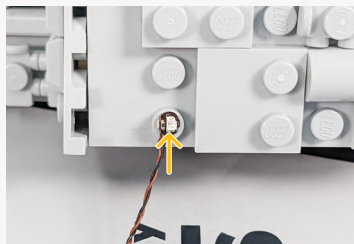
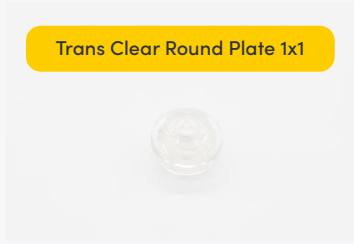


Cool White 30cm Bit Light



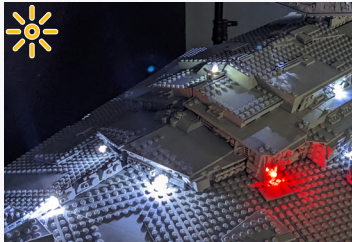
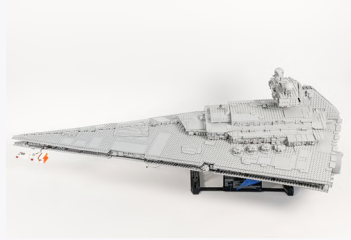
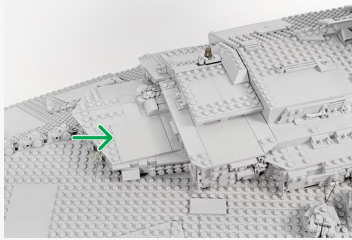
Legend DISCONNECT CONNECT / RECONNECT TURN / FLIP DIRECTIONAL TWIST / BRAID POWER ON TEST NOTE ICON

65



Legend → DISCONNECT → CONNECT / RECONNECT ↻ TURN / FLIP → DIRECTIONAL ↻ TWIST / BRAID ✨ POWER ON TEST 📝 NOTE ICON

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 or expansion board). To correct any issues with expansion board ports, please view the section addressing expansion board issues in our troubleshooting section.

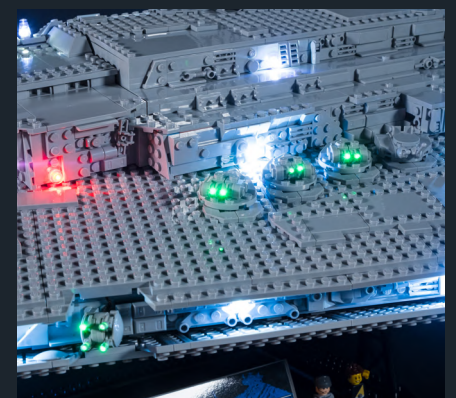
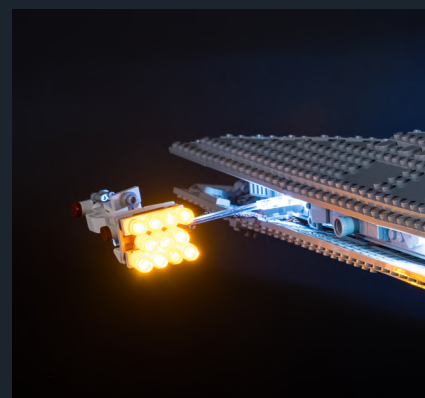
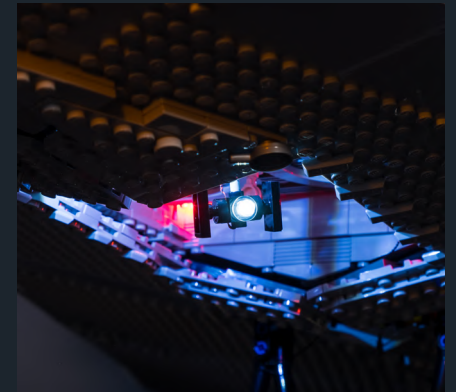


Legend

- DISCONNECT
- CONNECT / RECONNECT
- TURN / FLIP
- DIRECTIONAL
- TWIST / BRAID
- POWER ON TEST
- NOTE ICON

FINAL PRODUCT

This finally completes installation of the Light My Bricks UCS Imperial Star Destroyer 75252 Light Kit.





TROUBLESHOOTING

Light My Bricks lighting kits contain individual components that are very small and can be easily damaged if not handled correctly.

To prevent unnecessary damage to components, we highly recommend that the User Guide section, **“Important things to note”** is read carefully. Follow the handling procedures in the User Guide to help prevent faults and damages to your Light My Bricks components.

If you are experiencing issues with your Light My Bricks set, watch our troubleshooting video [here](#) or read on for a list of common causes to help you troubleshoot.

Troubleshooting

Firstly, ensure that the batteries have power using a battery charge gauge.

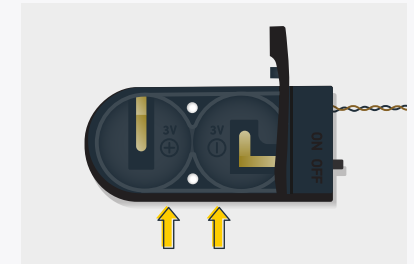
If the batteries have no power, replace the batteries.

If the batteries still have power, check to see if the batteries have been inserted correctly into the battery pack.

Check For CR2032 Batteries Using The Flat Battery Pack

Inside the battery pack is a symbol indicating which side the (round) CR2032 battery should be inserted. Check that the “+” side of the battery pack has the battery with the “+” symbol facing downwards.

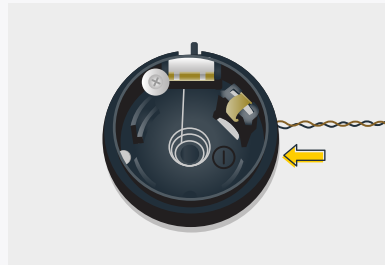
On the opposite side, the “-” side of the battery pack should have the battery flipped upside down, that is the “+” symbol facing upwards.



Troubleshooting

Check For Cr2032 Batteries Using The Round Battery Pack

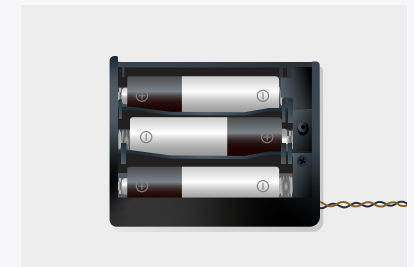
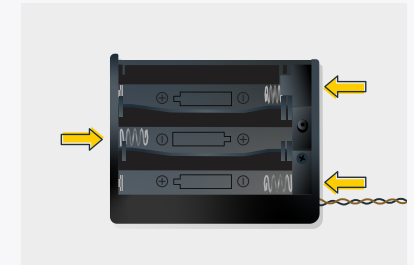
Inside the battery pack is a symbol indicating which side the (round) CR2032 battery should be inserted. In this case, for the stacked battery pack, ensure that BOTH batteries have the “+” symbol facing upwards.



Check for AA batteries using the AA battery pack

Inside the battery pack are symbols indicating which direction the AA battery should be inserted. The flat side of the battery should be paired with the spring side of the battery pack.

If the batteries have been installed correctly and your kit still isn't operating correctly, the next step is to check the wiring.



Troubleshooting

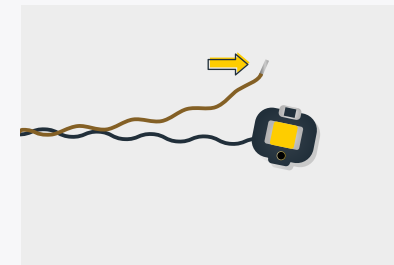
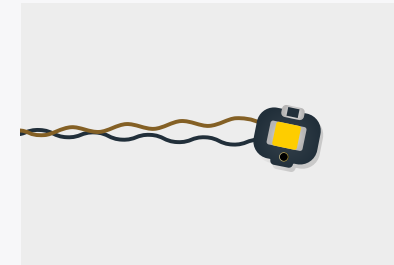
Check Your Wires

In order for Light My Bricks components to fit in between and underneath LEGO® bricks, the components need to be very small. Due to this nature, Light My Bricks components can be easily damaged when not handled correctly.

Be careful when removing unpacked components out of the packaging and ensure not to forcibly pull at the wires as this can damage the soldering that attach the wires to the LEDs.

If the wiring is detached from the LED itself, the light will not operate.

When connecting lights to your LEGO set, check that there are no pinched wires underneath or in between bricks and plates. When the wires are pinched and the exposed wires are touching each other, this can cause a crosswire and the lights to not function correctly.



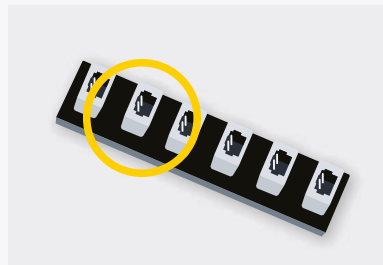
Troubleshooting

Check Your Expansion Board Ports/ Strip Light Ports / Effects Board Ports

It is important to note that connectors can only be inserted to the expansion board, strip light, or effects board ports in one direction.

Forcibly inserting connectors in the incorrect direction will result in damaging the pins inside each of the ports on your component board.

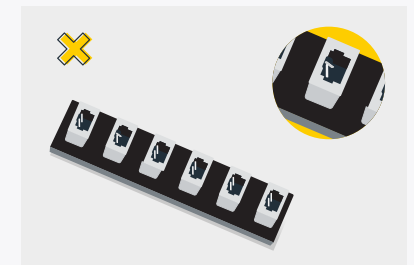
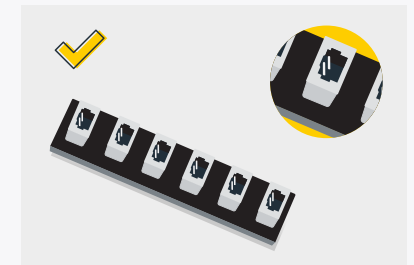
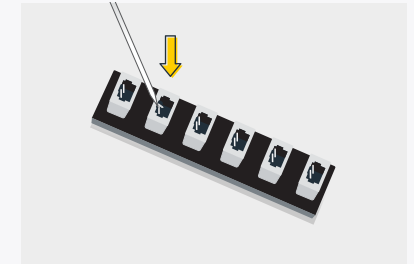
Not only will a light connected to the damaged port not work, but if the pins inside the port are bent to a point they are touching each other, this can result in all other lights in the system to stop working. This is a short circuit.



A short circuit can also result in overheating of the board, cable or batteries. If you suspect a short circuit, **DISCONNECT POWER IMMEDIATELY**. Batteries can fail, catch fire, or even explode if left connected to a short circuit for too long.

If you suspect you have a faulty component due to a bent pin, try the following steps:

If you look carefully inside each of the ports, each port contains 2 small pins that should be straight. You will be able to identify a faulty port if it has any bent pins.





CONTACT US

If you have an enquiry regarding the online shop, our products or a general enquiry please refer to our Frequently Asked Questions webpage here.

Alternatively, you can contact our Customer Services team by visiting our online support portal here.

support.lightmybricks.com

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



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