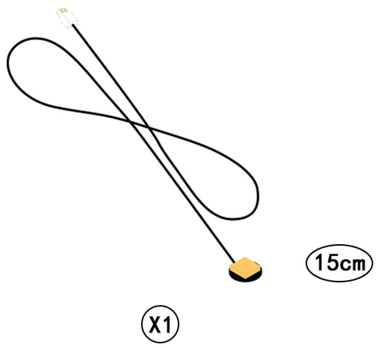
INSTALLATION GUIDE

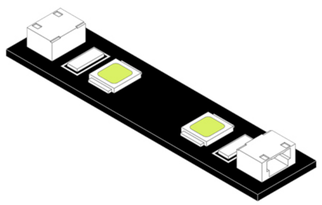
31385 Sea Animals: Beautiful Dolphins

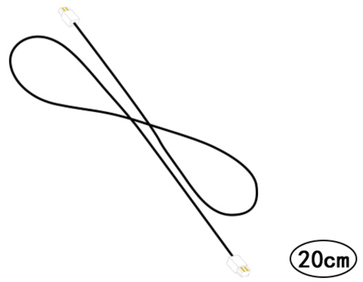
LED light kit compatible with Lego

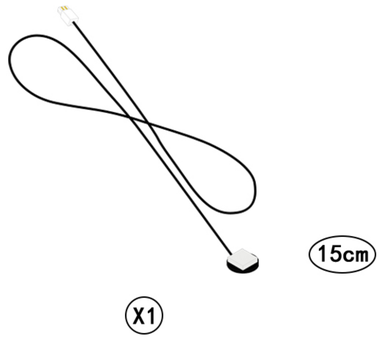
Instructions for installing this kit:

This set includes 7 pouches. (The battery case functions similarly; please select your own power source. This article uses a USB power cable.)

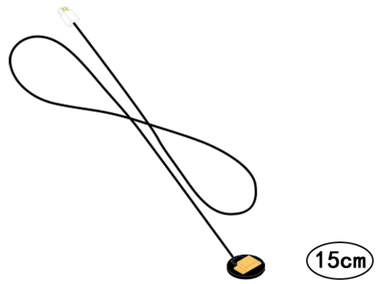








X2



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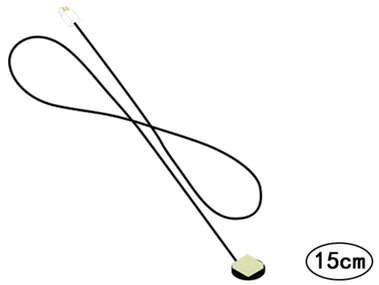

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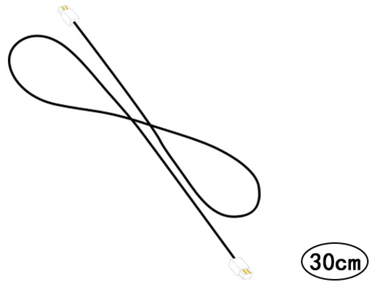

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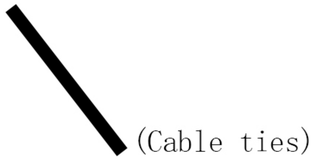
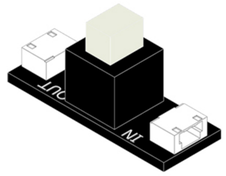


(Cable ties)

X3



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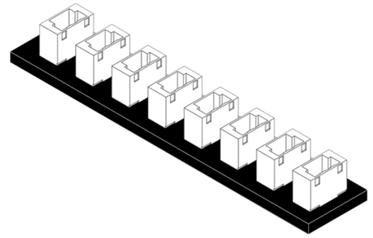

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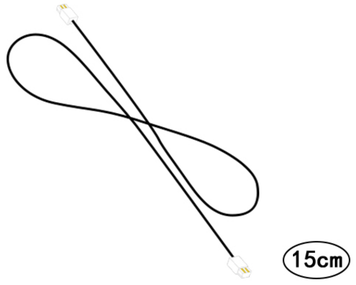

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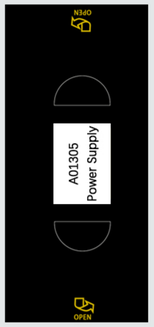

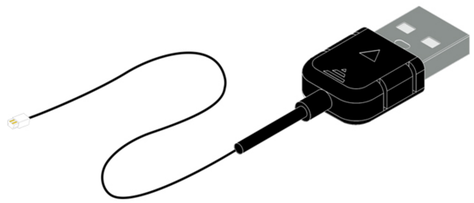

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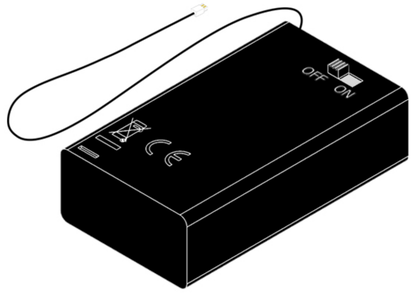

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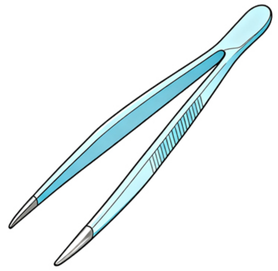
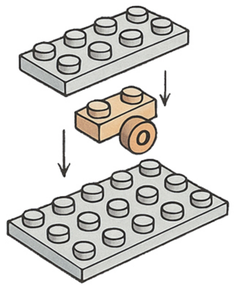


X1

This post will complete the light installation in two main sections.

Step 1-test

Step 2-mounting



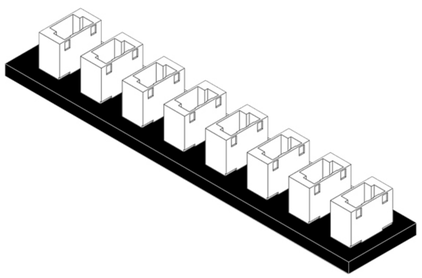
So let’s get started!

Step 1-Test.

1

EN: Remove the expansion board from Bag 6.

DE: Entnehmen Sie die Erweiterungskarte aus Beutel 6.

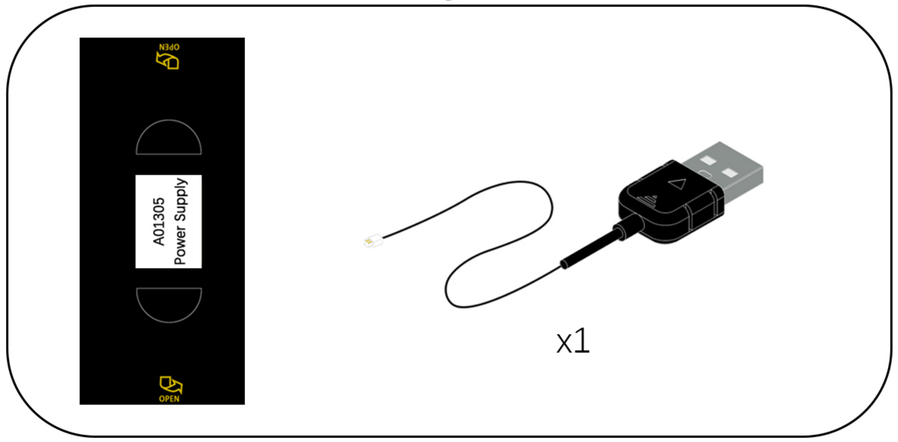


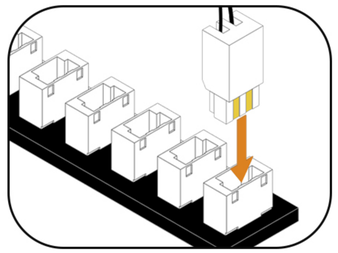
x1

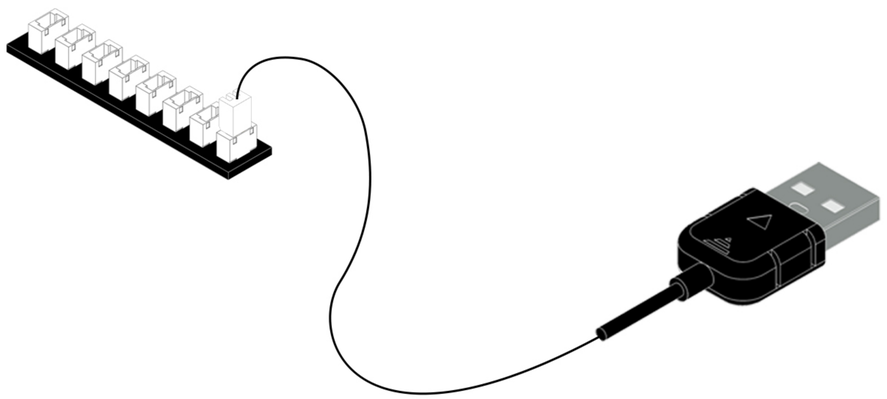
2

EN: Remove the USB power cable from the bag and connect it to the expansion board.

DE: Entnehmen Sie das USB-Stromkabel aus der Tasche und schließen Sie es an die Erweiterungskarte an.



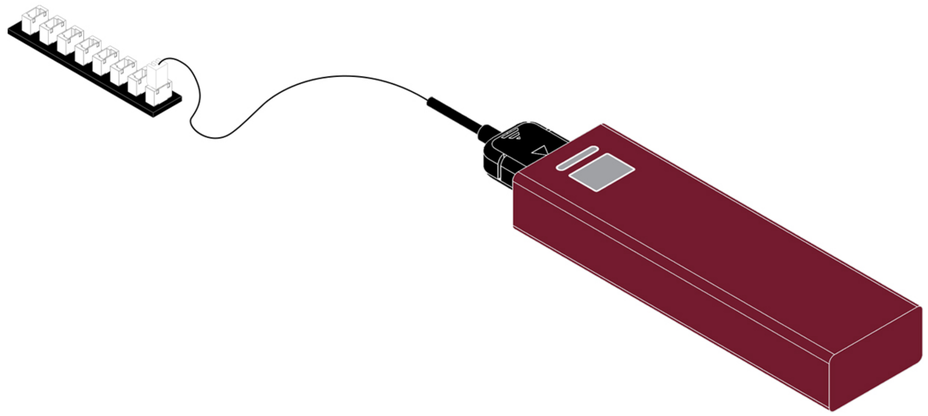




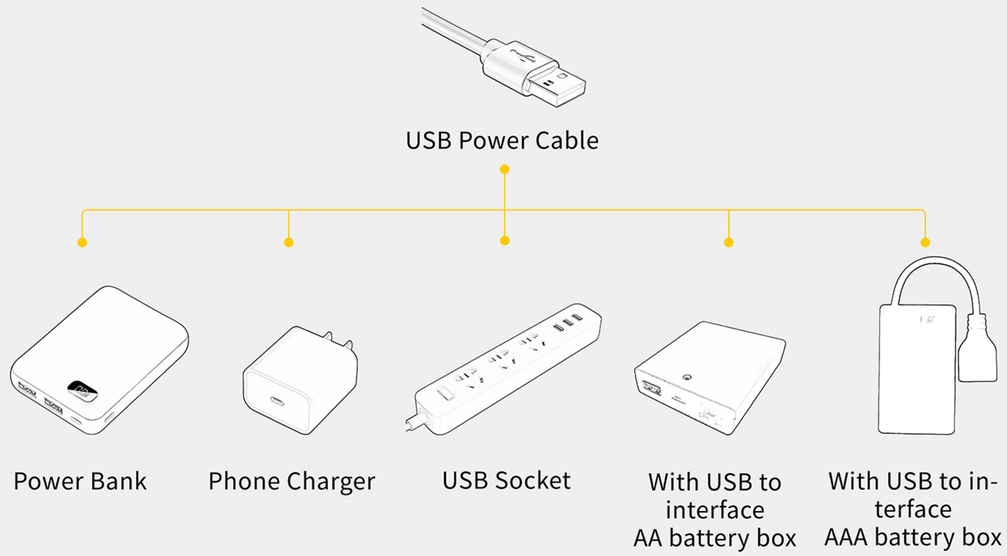
3

EN: Connect the USB power cable to the mobile power supply. (Power supply not included; see the diagram below for power supply options.)

DE: Schließen Sie das USB-Netzkabel an die mobile Stromversorgung an. (Stromversorgung nicht im Lieferumfang enthalten, siehe Abbildung unten für die Stromversorgungsart.)



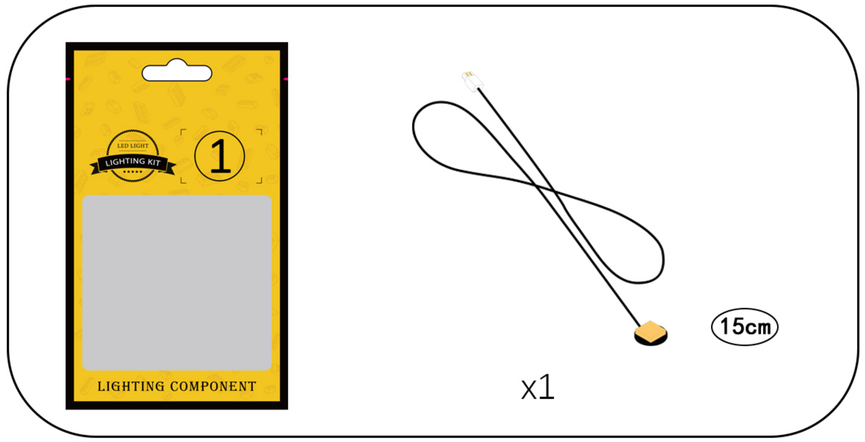
USB Connectors to Connect Devices

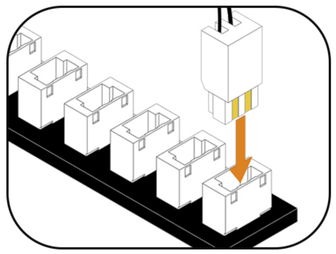


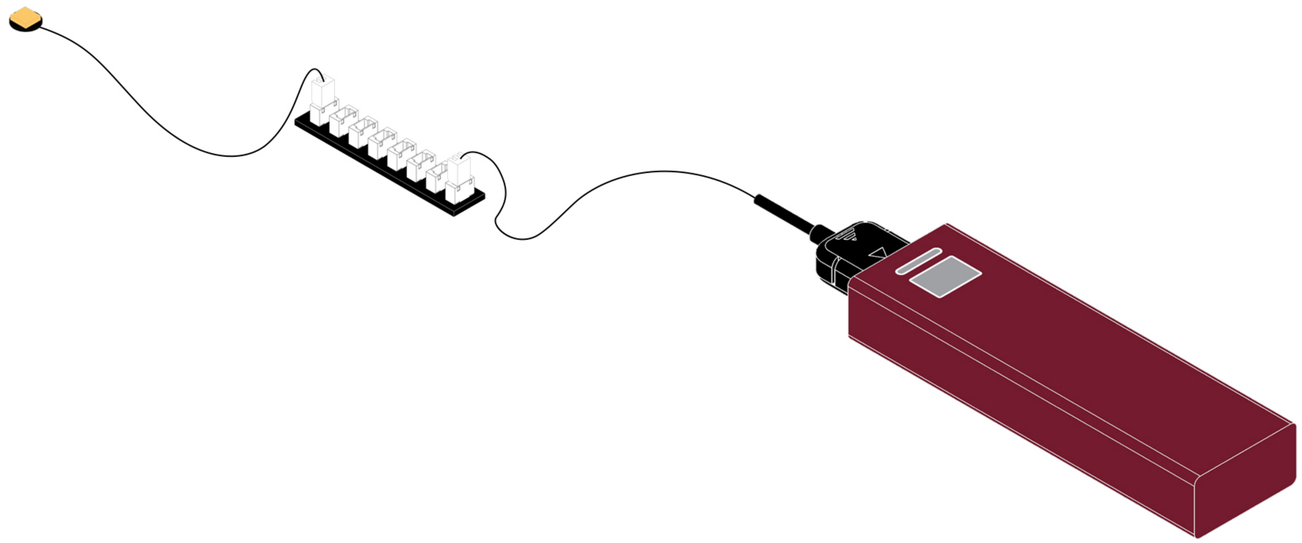
4

EN: Take any bag of lights, connect the lights individually to the expansion board, turn on the power, and check if all lights are functioning properly. If any issues arise, please contact us immediately.

DE: Nehmen Sie eine beliebige Leuchtentasche, schließen Sie die Leuchten einzeln an die Erweiterungskarte an, schalten Sie die Stromversorgung ein und überprüfen Sie, ob alle Leuchten ordnungsgemäß funktionieren. Bei Problemen wenden Sie sich bitte umgehend an uns.





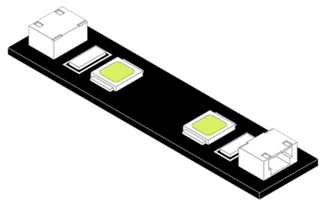


After confirming no abnormalities, temporarily return the lighting fixture and expansion board to their original bag before proceeding with testing.

5

EN: Remove the two LED strips from Bag No. 2. Connect each strip individually to a USB power cable, turn on the power, and check if both strips function normally. If any issues arise, please contact us immediately.

DE: Entnehmen Sie die beiden LED-Streifen aus Beutel Nr. 2. Schließen Sie jeden Streifen einzeln an ein USB-Stromkabel an, schalten Sie die Stromversorgung ein und überprüfen Sie, ob beide Streifen ordnungsgemäß funktionieren. Bei Problemen wenden Sie sich bitte umgehend an uns.



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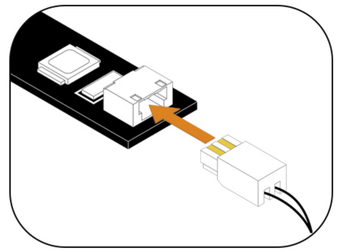
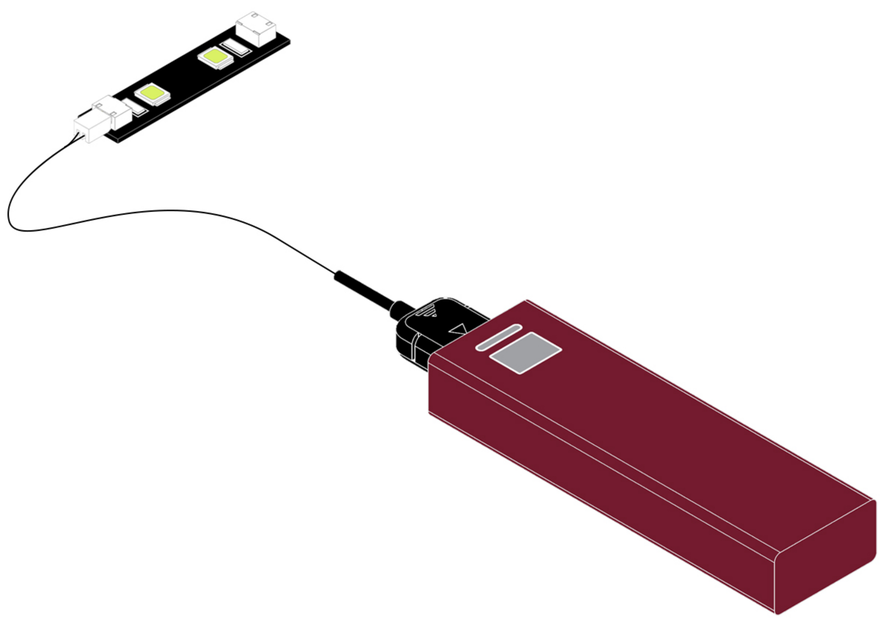




After confirming that there are no abnormalities, temporarily return each part to its original bag.

Step 2-Mounting.

1

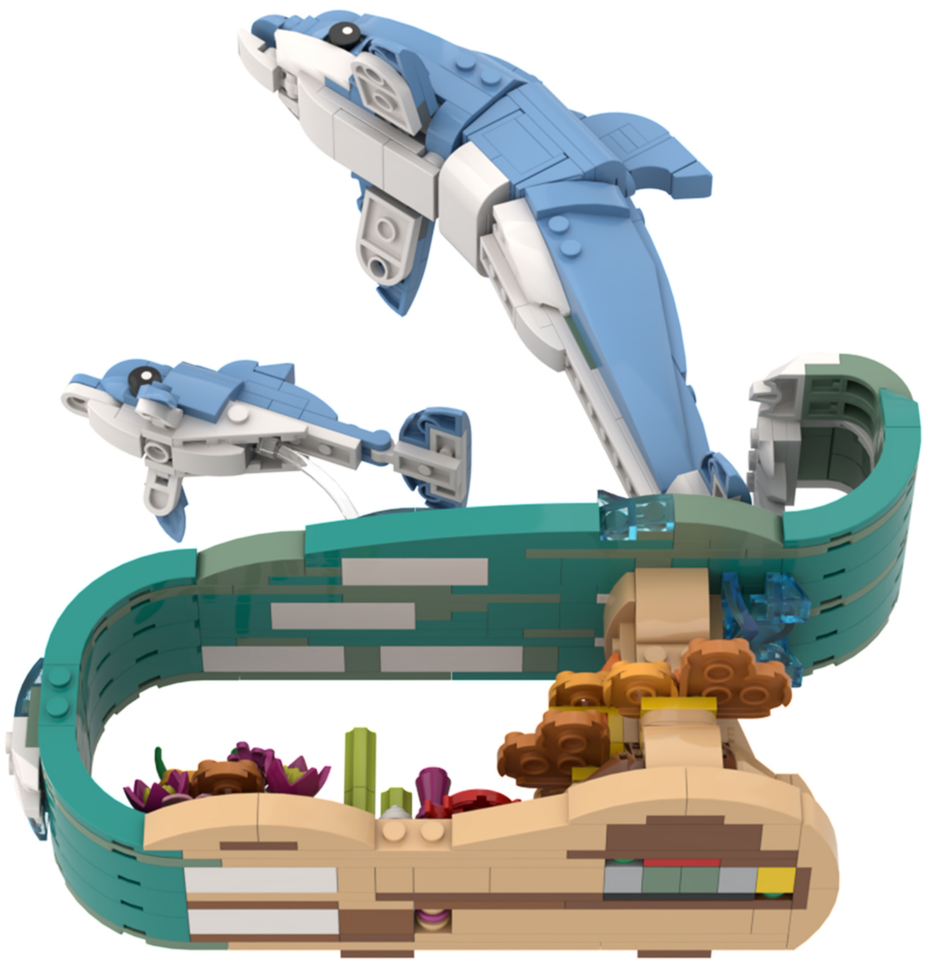
EN: Take out the building block model.

DE: Nimm das Bauklotzmodell heraus.

2

EN: Place the model flat.

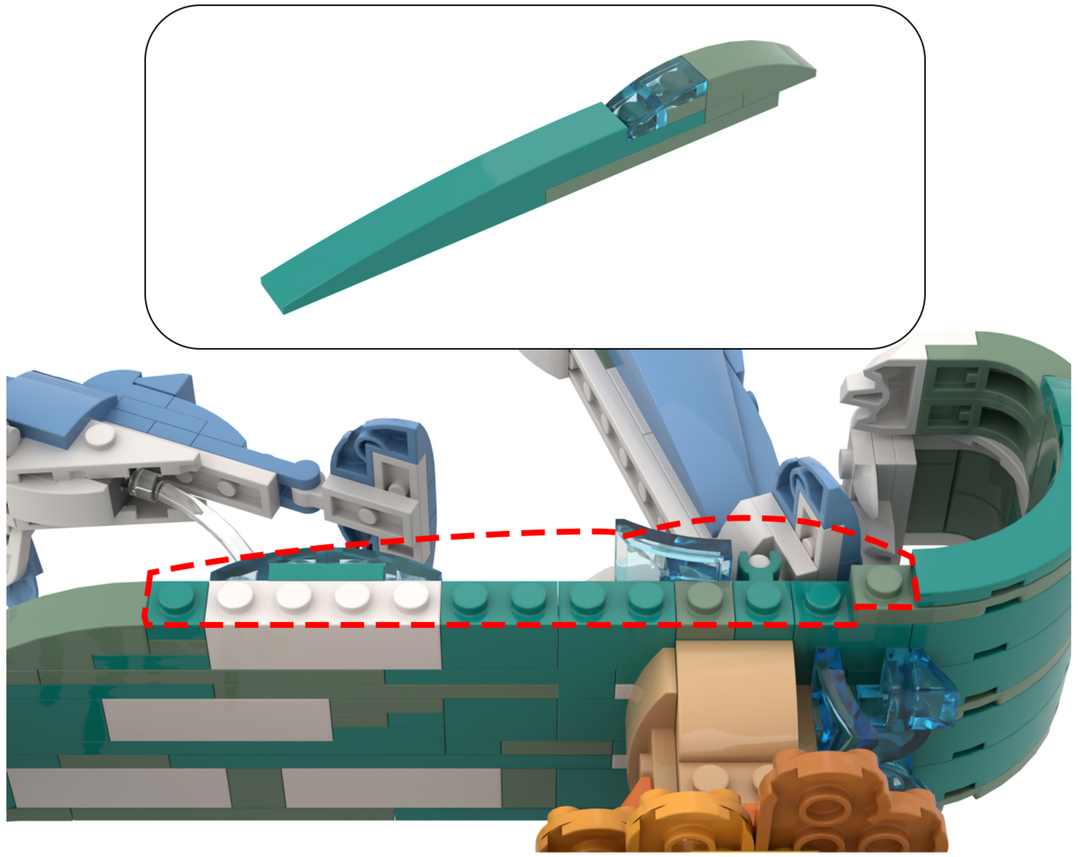
DE: Legen Sie das Modell flach hin.



3

EN: Split as shown in the figure.

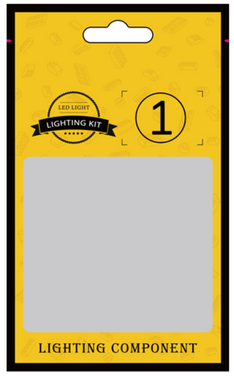
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.

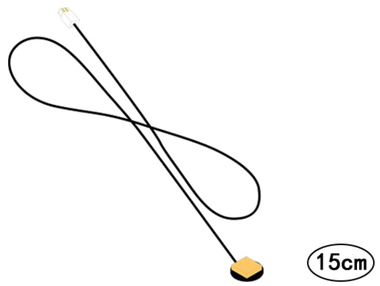


4

EN: Remove the light beads from Bag 1 and proceed step by step.

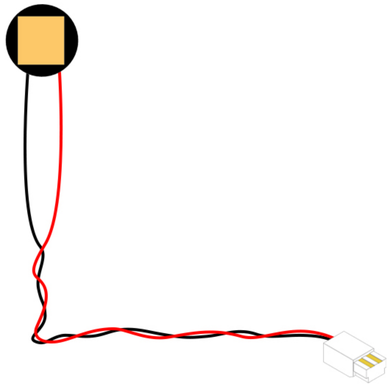
DE: Entfernen Sie die Lichtperlen aus Beutel 1 und fahren Sie Schritt für Schritt fort.



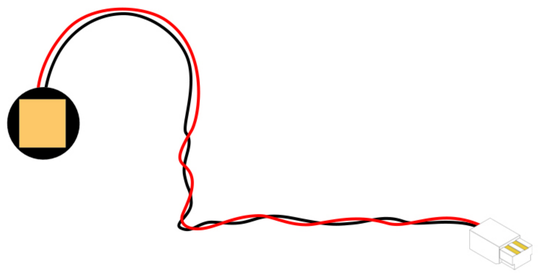


x1

①. Untwist a short section of twisted lamp cord.



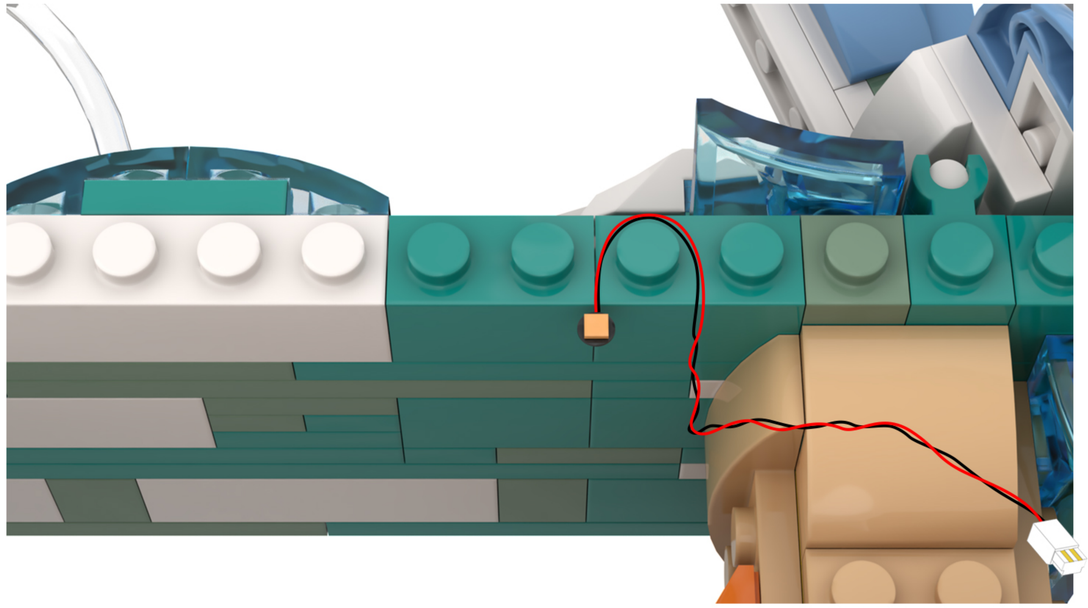
②. Bend the lamp cord at a 180° angle.



5

EN: Place the light bulb on the building block.

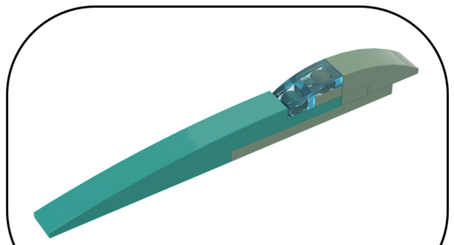
DE: Setzen Sie die Glühbirne auf den Baustein.



6

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.



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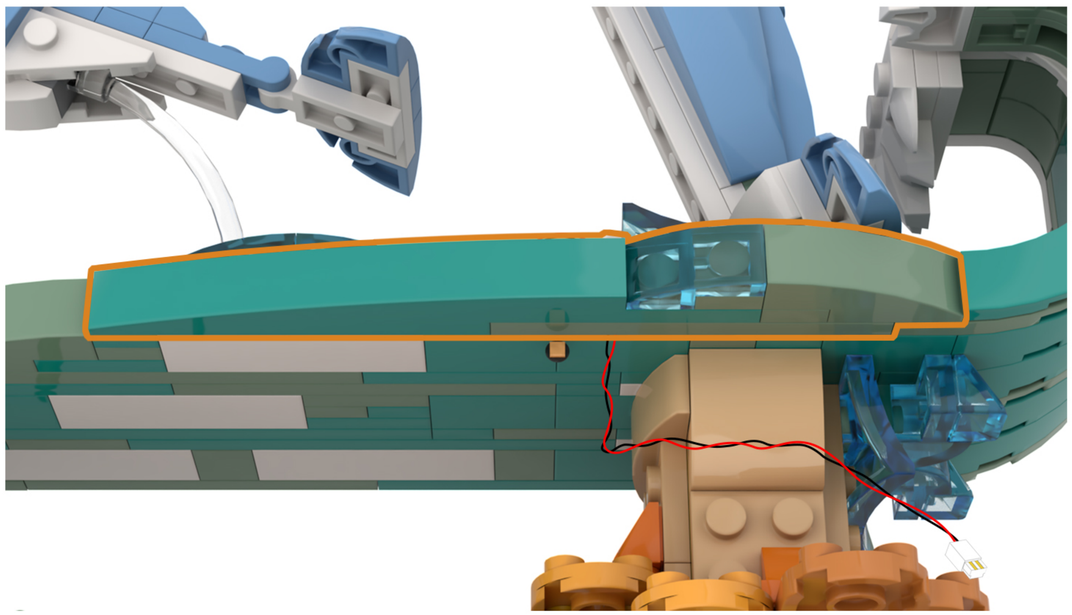
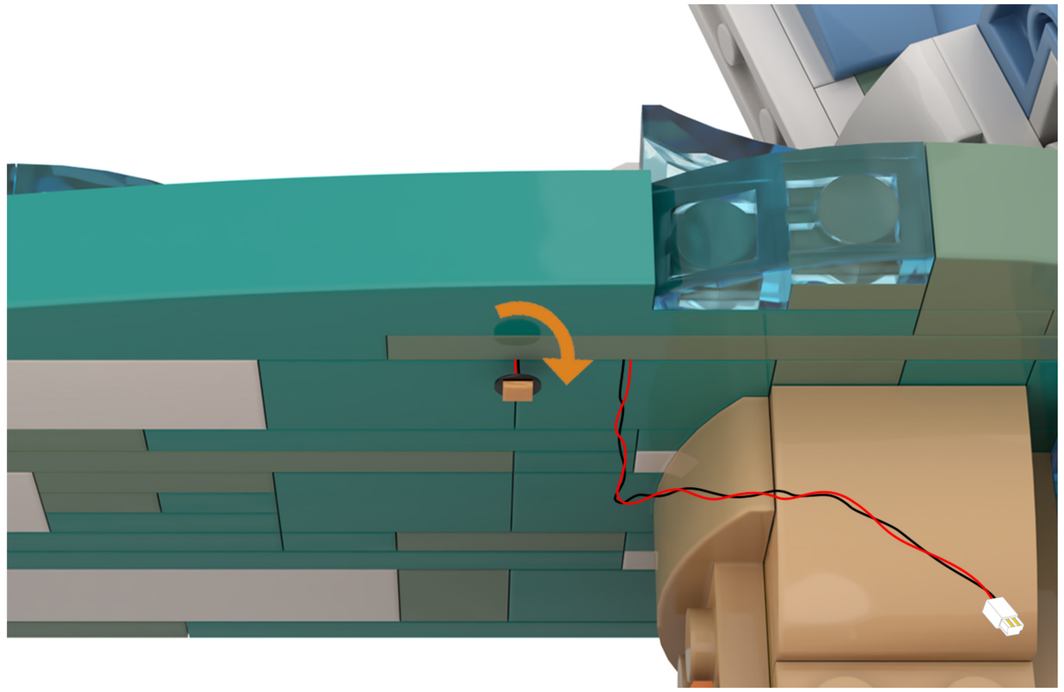


7

EN: Adjust the position of the light fixture so that its flat surface faces outward.

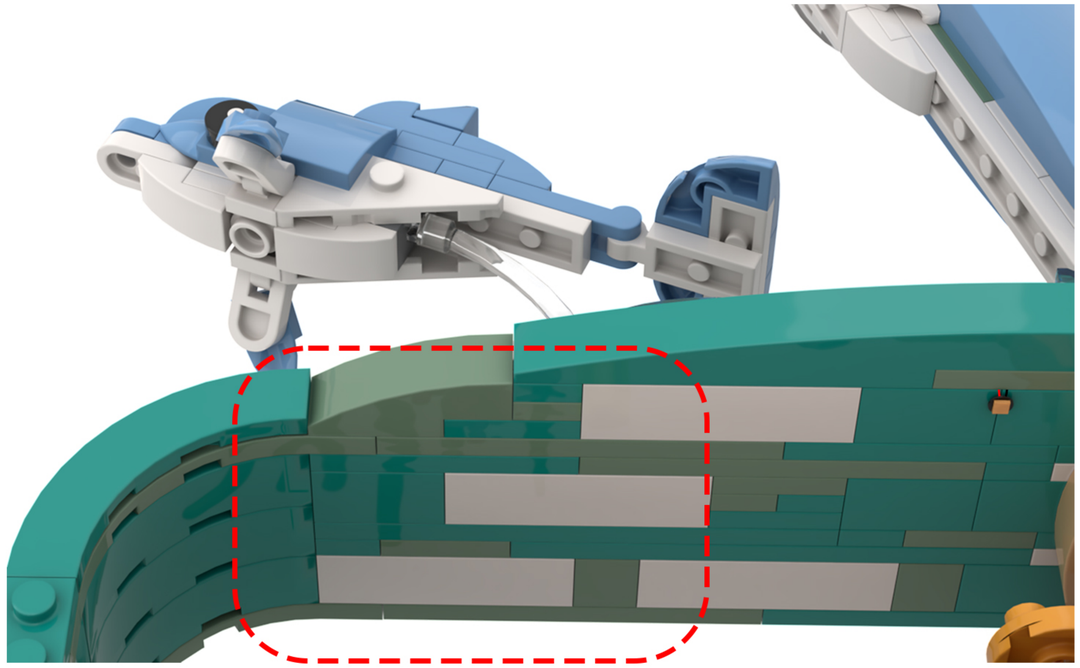
DE: Stellen Sie die Position der Leuchte so ein, dass ihre flache Oberfläche nach außen zeigt.



8

EN: Adjust your perspective.

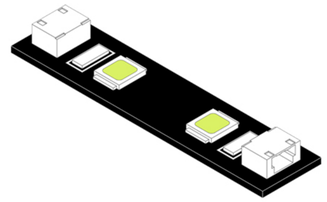
DE: Ändern Sie Ihre Perspektive.



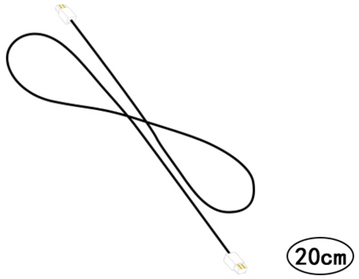
9

EN: Remove the LED strip and connecting cable from Bag No. 2, then connect them together.

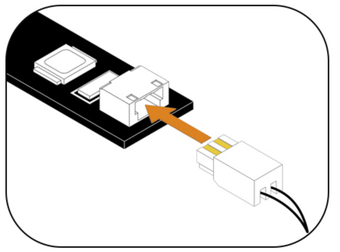
DE: Entnehmen Sie den LED-Streifen und das Verbindungskabel aus Beutel Nr. 2 und verbinden Sie beide miteinander.

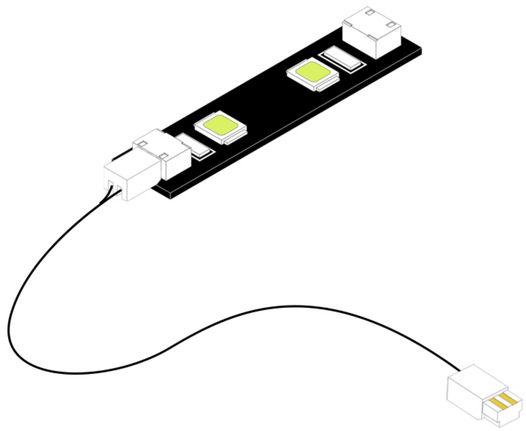


x1



x1

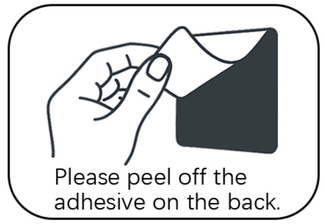


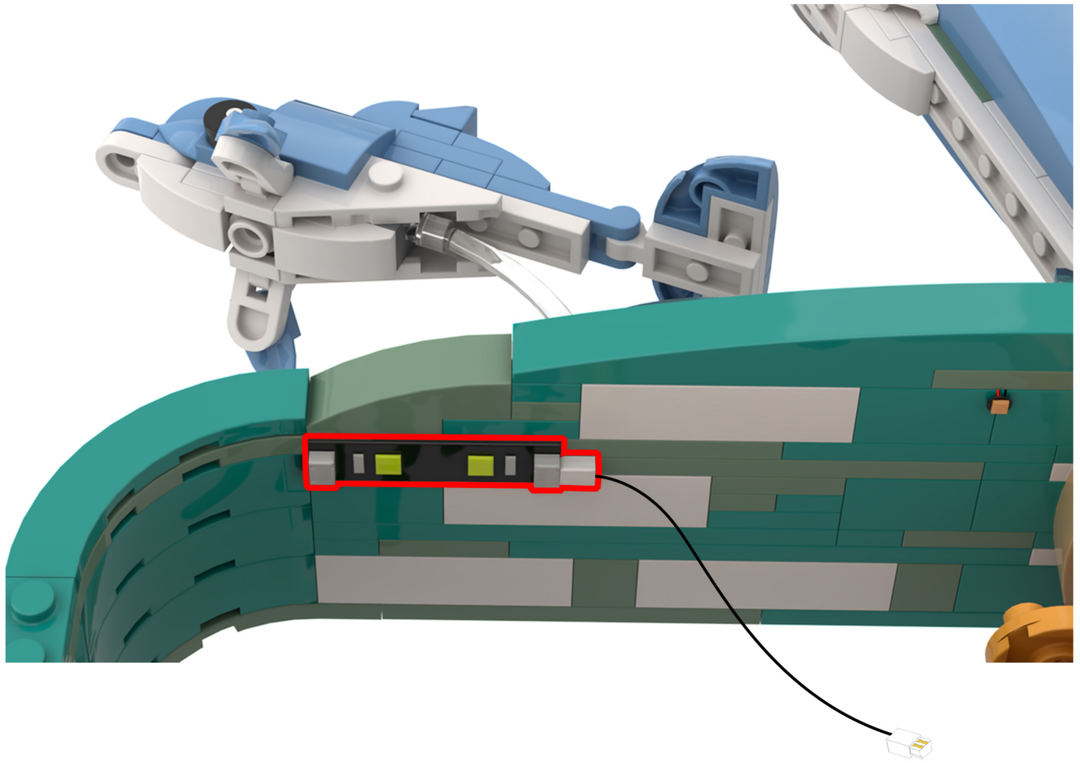


10

EN: Peel off the backing paper from the LED strip and attach it to the building block.

DE: Ziehen Sie das Trägerpapier vom LED-Streifen ab und befestigen Sie ihn am Baustein.

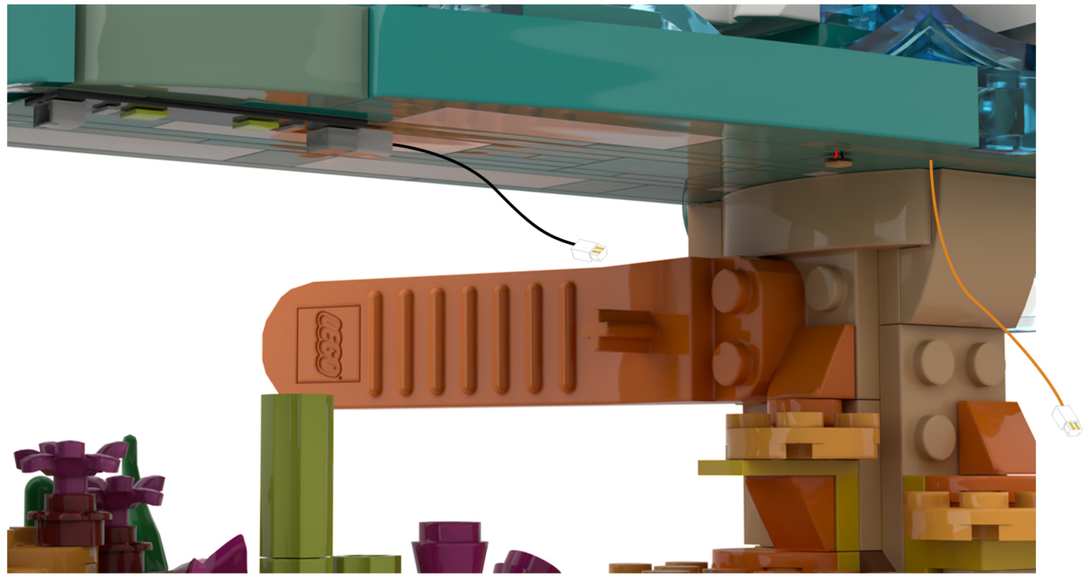


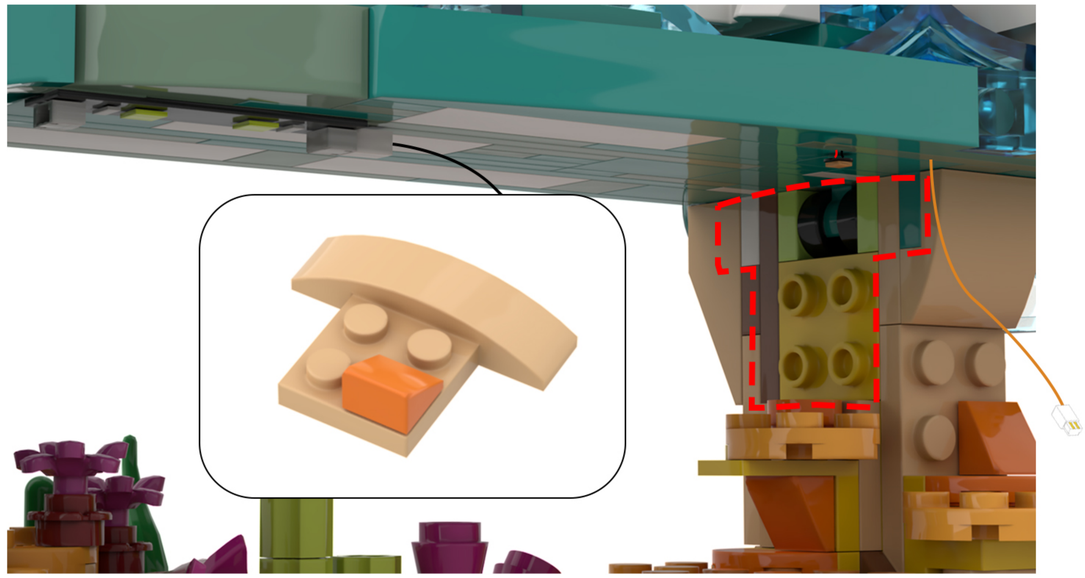


11

EN: Use tools to disassemble the building blocks.

DE: Verwenden Sie Werkzeuge, um die Bausteine zu zerlegen.

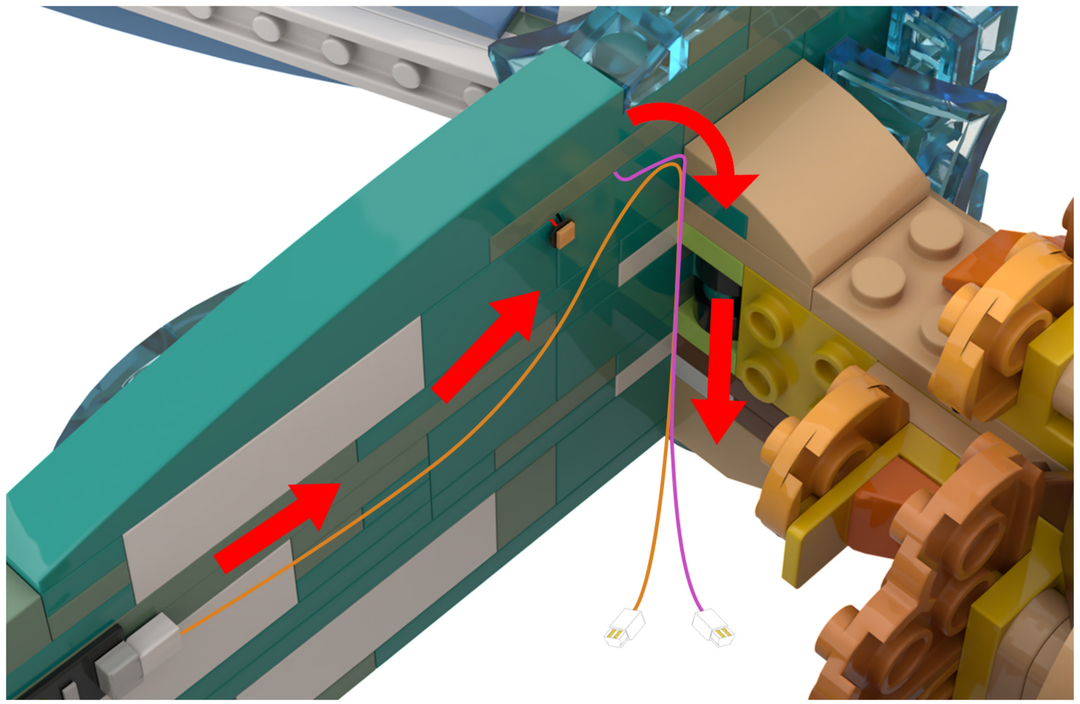




12

EN: Arrange the two light cords as shown in the diagram.

DE: Ordnen Sie die beiden Lichtkabel wie in der Abbildung gezeigt an.

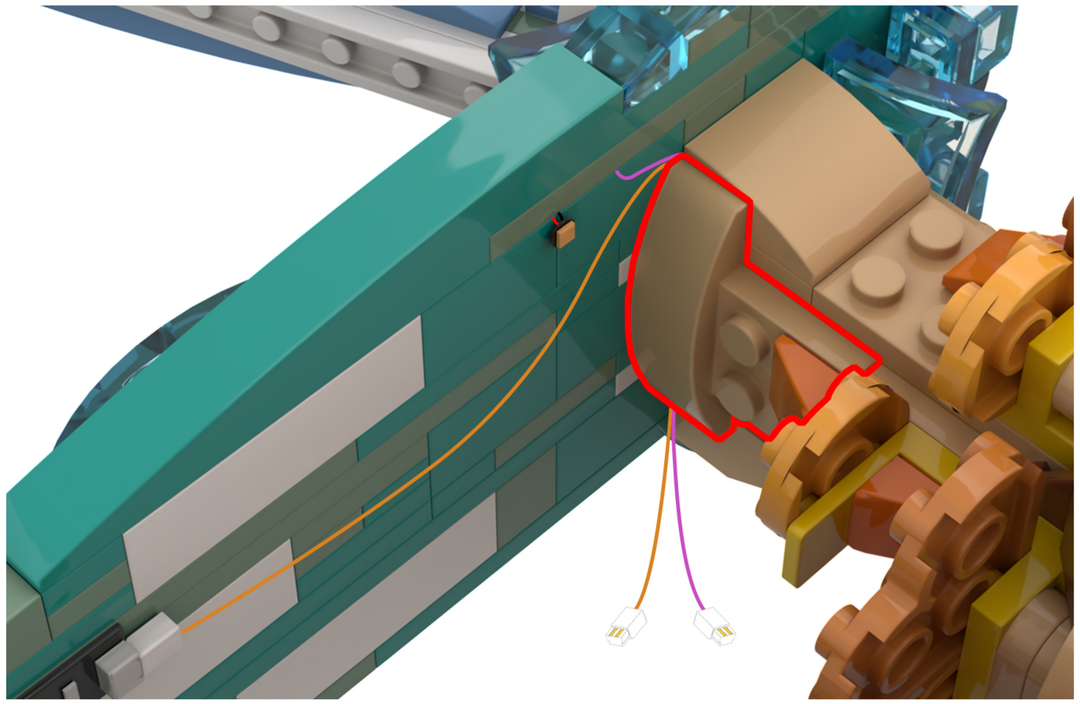


13

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.

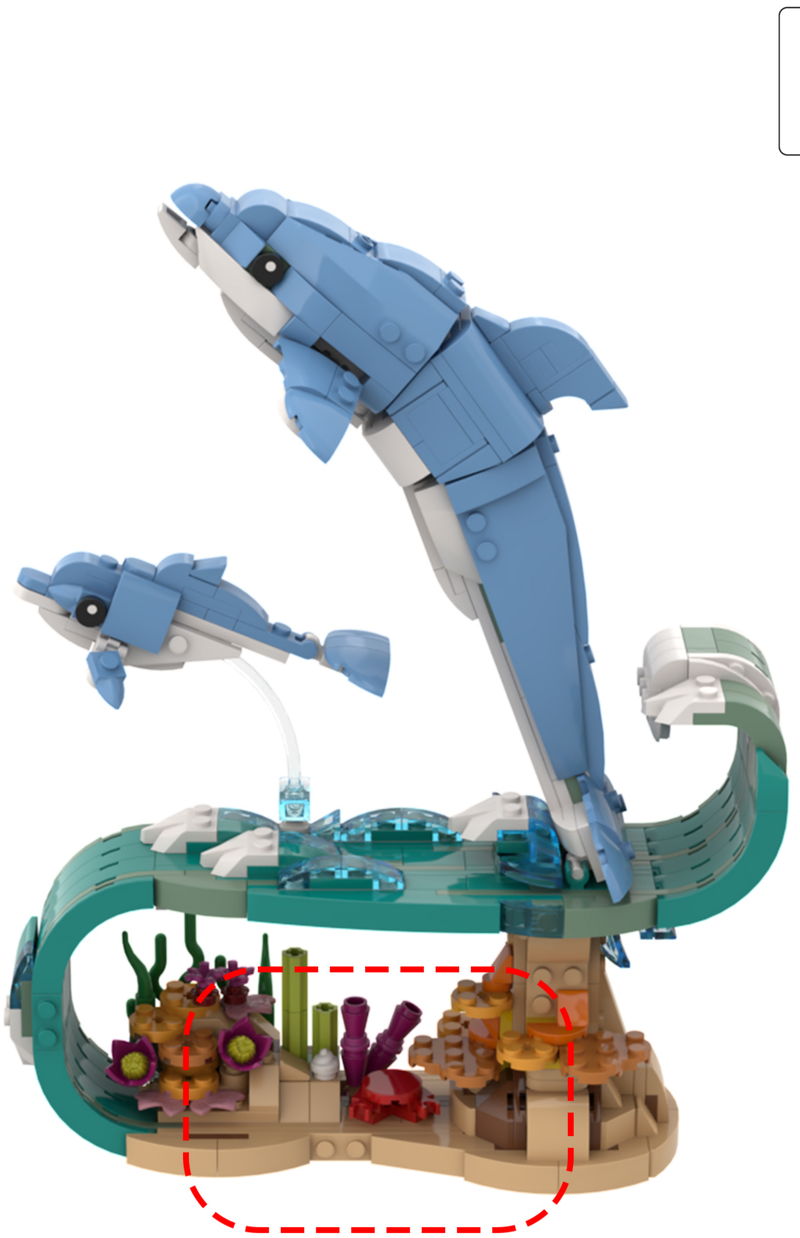
x1



14

EN: Flip the model to restore it and adjust the viewing angle.

DE: Drehen Sie das Modell um, um es wiederherzustellen und den Blickwinkel anzupassen.



15

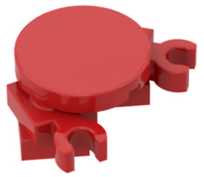
EN: Split as shown in the figure.

DE: Wie in der Abbildung gezeigt, teilen Sie es auf.

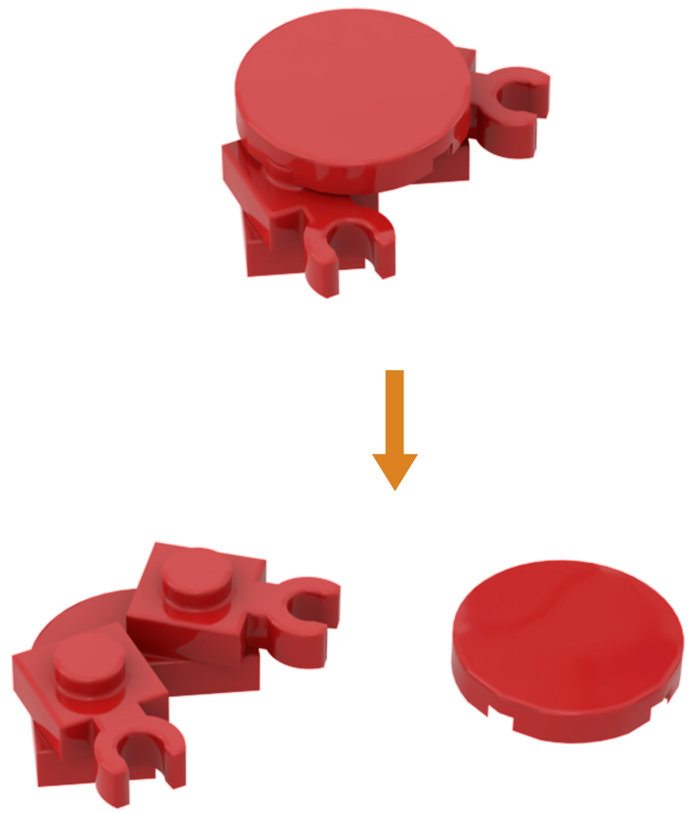
16

EN: Take out the disassembled building blocks and separate them.

DE: Nehmen Sie die zerlegten Bausteine heraus und trennen Sie sie voneinander.



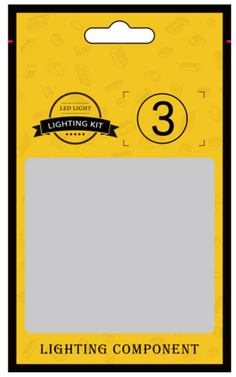
x1

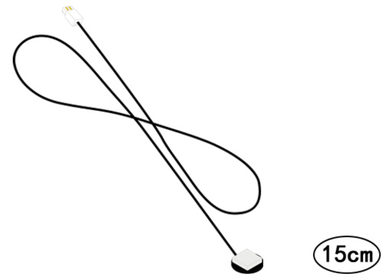


17

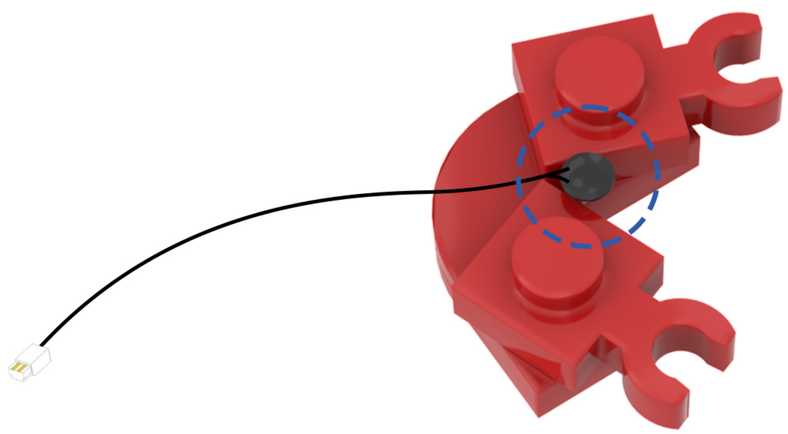
EN: Remove the light bulb from bag #3 and place it upside down on the building block.

DE: Nehmen Sie die Glühbirne aus Beutel Nr. 3 und setzen Sie sie kopfüber auf den Baustein.





x1

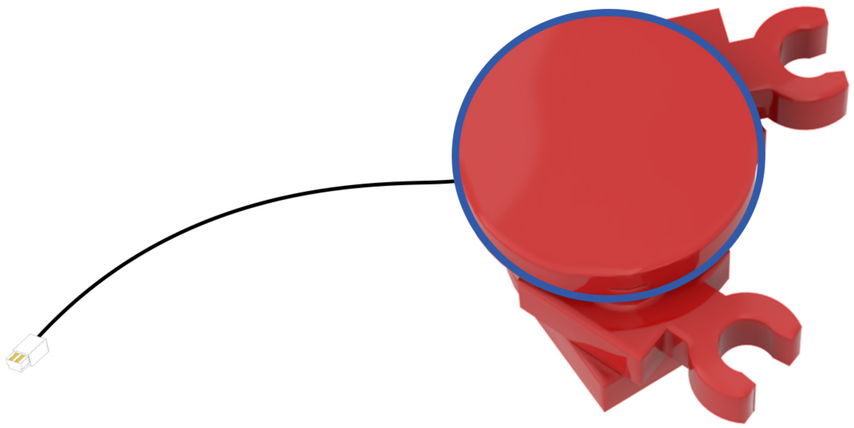


18

EN: Take out the disassembled building blocks and reassemble them.

DE: Nehmen Sie die zerlegten Bausteine heraus und setzen Sie sie wieder zusammen.

x1



19

EN: Restore the building blocks.

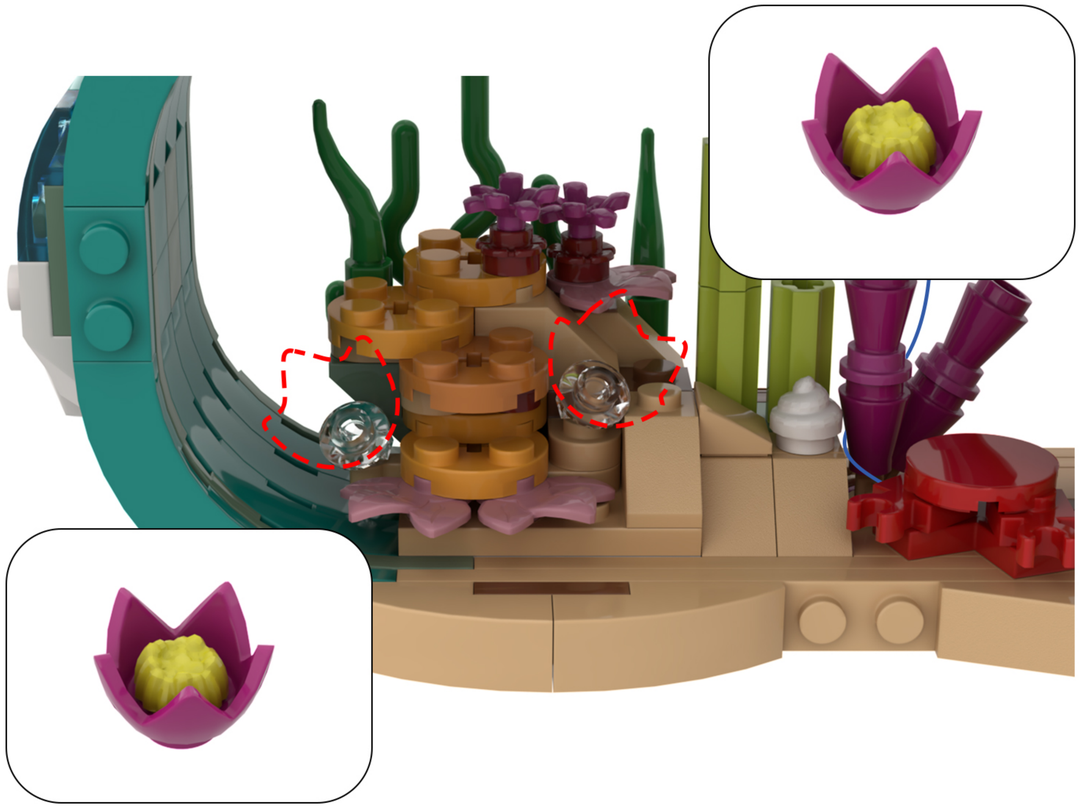
DE: Stellen Sie die Bausteine wieder her.

Note: The light cord is routed through the gaps in the building blocks to the rear of the model.

20

EN: Split as shown in the figure.

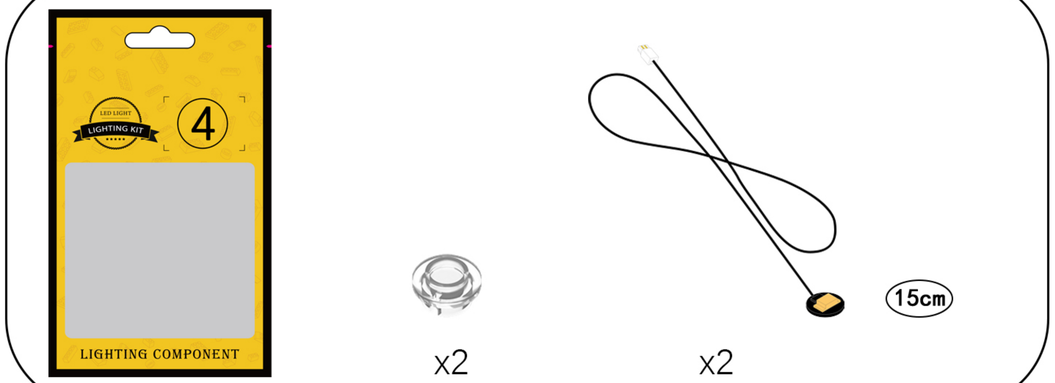
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



21

EN: Remove the small round plate (with an opening) and the light bulb from Bag 4.

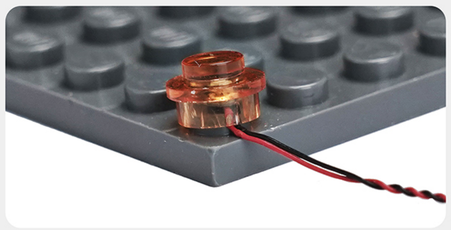
DE: Entfernen Sie die kleine runde Platte (mit einer Öffnung) und die Glühbirne aus Beutel 4.



TIPS

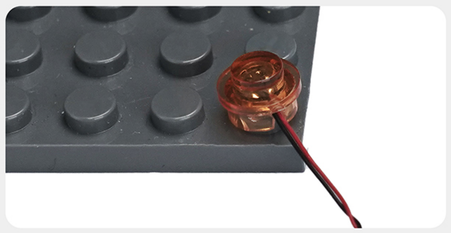
The lamp wire needs to be threaded through the cut of the round plate and installed on the building block.

The plate without slit



The squeeze causes the protective layer of the wire to be torn apart, the positive and negative wires touch together, and the set is short-cicuited and the hot or wire is crushed, the wire to be disconnected and don't work.

The plate with slit



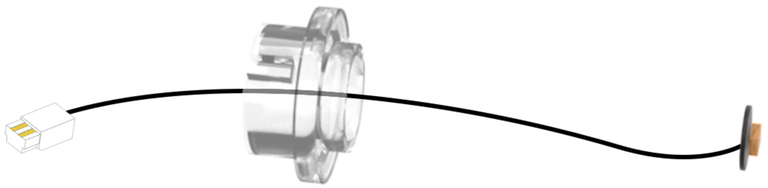
The wire has enough space to avoid being squeezed endowed with longer service life and more stable effect.

22

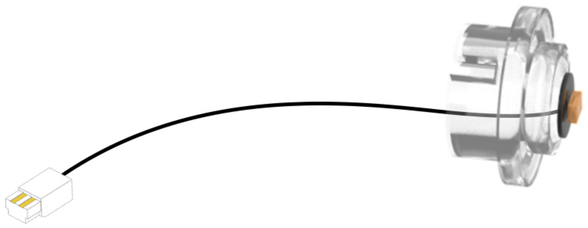
EN: Perform the operations in sequence.

DE: Führen Sie die Vorgänge der Reihe nach durch.

①. Thread the lamp cord through the small round plate as shown in the diagram.



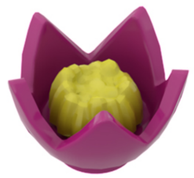
②. Pull the lamp cord to secure the light fixture to the small round plate.



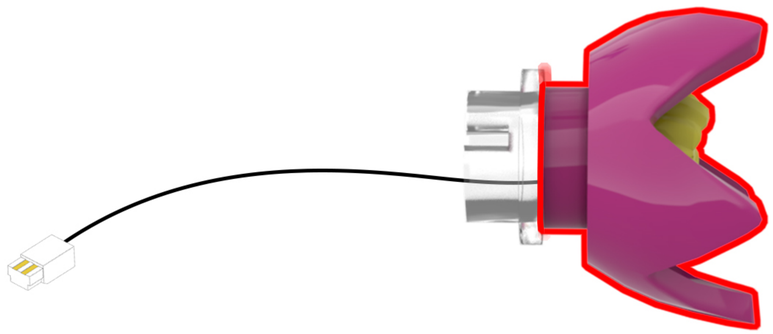
23

EN: Take out the disassembled building blocks and install them on the small round plate.

DE: Nehmen Sie die zerlegten Bausteine heraus und montieren Sie sie auf der kleinen runden Platte.



x1

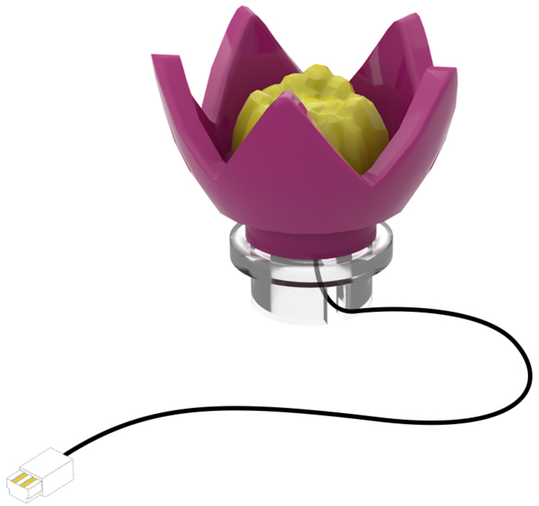


24

EN: Repeat the above steps to obtain two lamps.

DE: Wiederholen Sie die oben genannten Schritte, um zwei Lampen zu erhalten.

X2

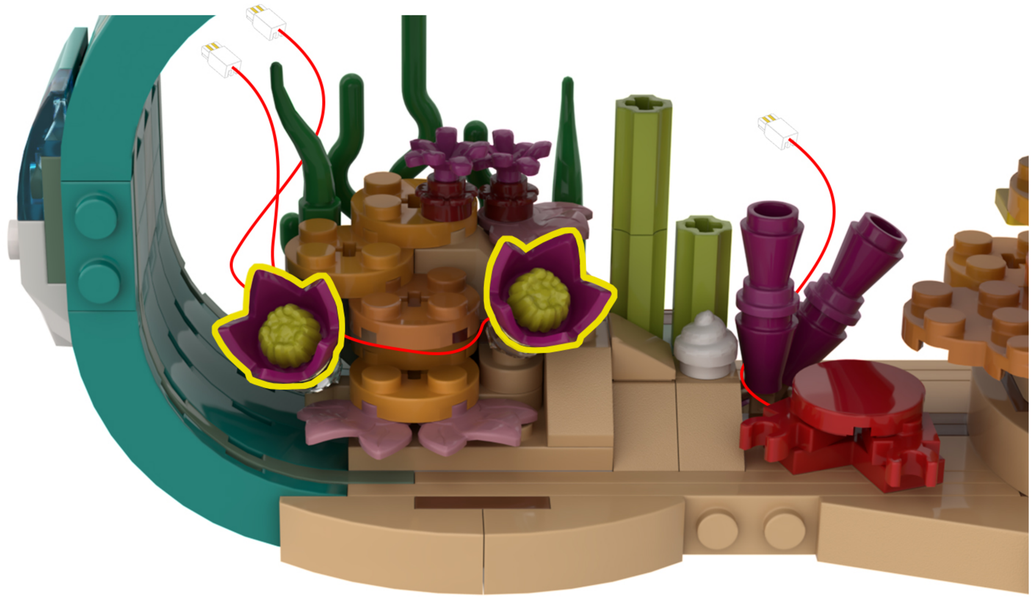


Note: The lamp cord is routed through the cutout on the small round plate.

25

EN: Reassemble the building blocks in sequence.

DE: Setzen Sie die Bausteine der Reihe nach wieder zusammen.

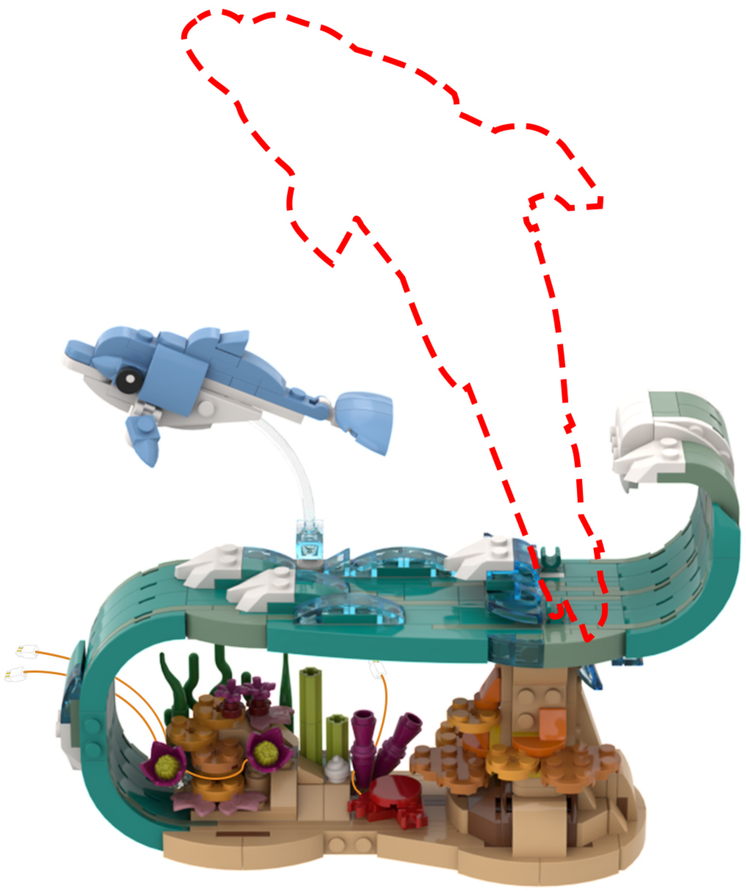


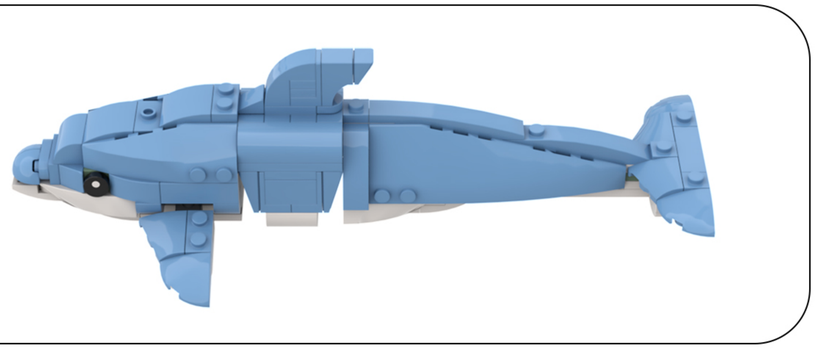
Note: The light cord is routed through the gaps in the building blocks to the rear of the model.

26

EN: Split as shown in the figure.

DE: Wie in der Abbildung gezeigt, teilen Sie es auf.

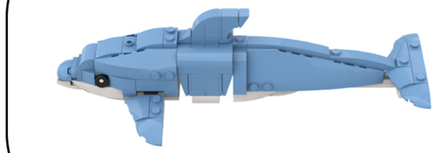




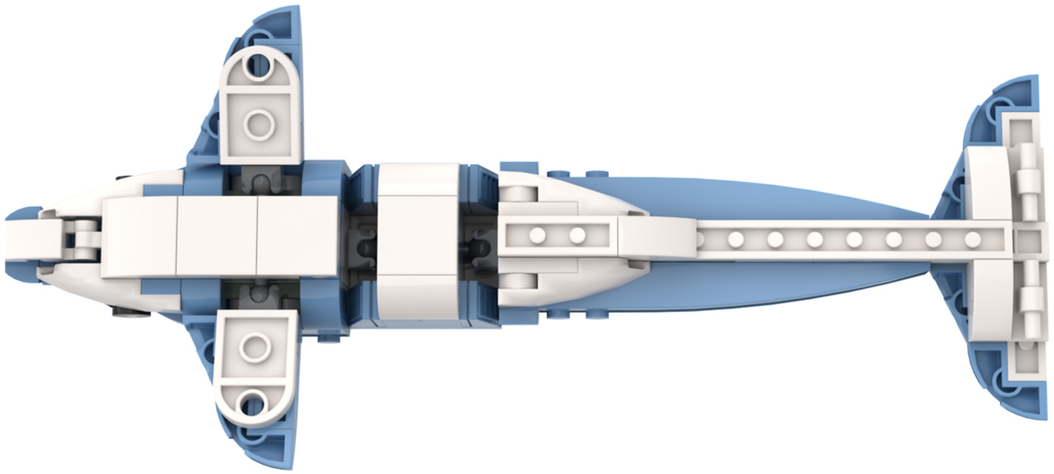
27

EN: Take out the disassembled building blocks and turn them sideways.

DE: Nehmen Sie die zerlegten Bausteine heraus und drehen Sie sie seitlich.



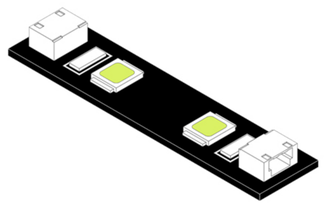
x1



28

EN: Remove the light strip from bag number 2.

DE: Entnehmen Sie den Lichtstreifen aus Beutel Nummer 2.

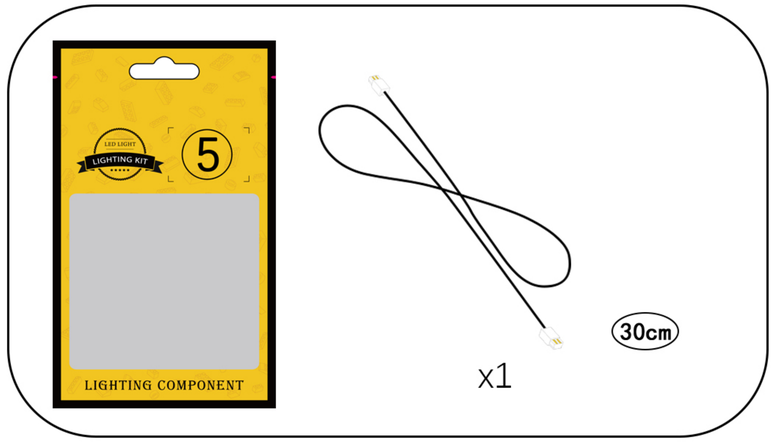


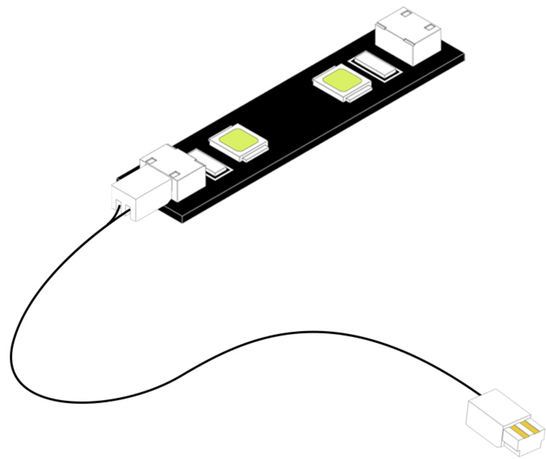
x1

29

EN: Take the connecting cable from bag #5 and connect it to the light strip.

DE: Nehmen Sie das Verbindungskabel aus Tasche Nr. 5 und schließen Sie es an den Lichtstreifen an.

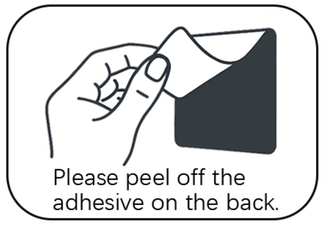


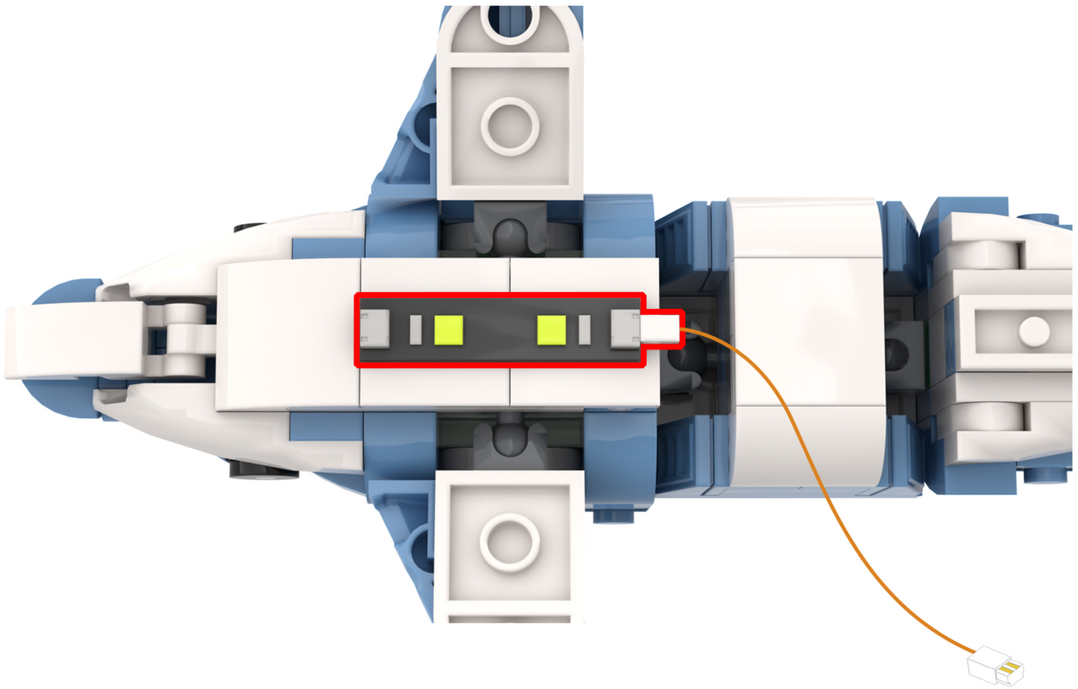


30

EN: Peel off the backing paper from the LED strip and attach it to the building block.

DE: Ziehen Sie das Trägerpapier vom LED-Streifen ab und befestigen Sie ihn am Baustein.

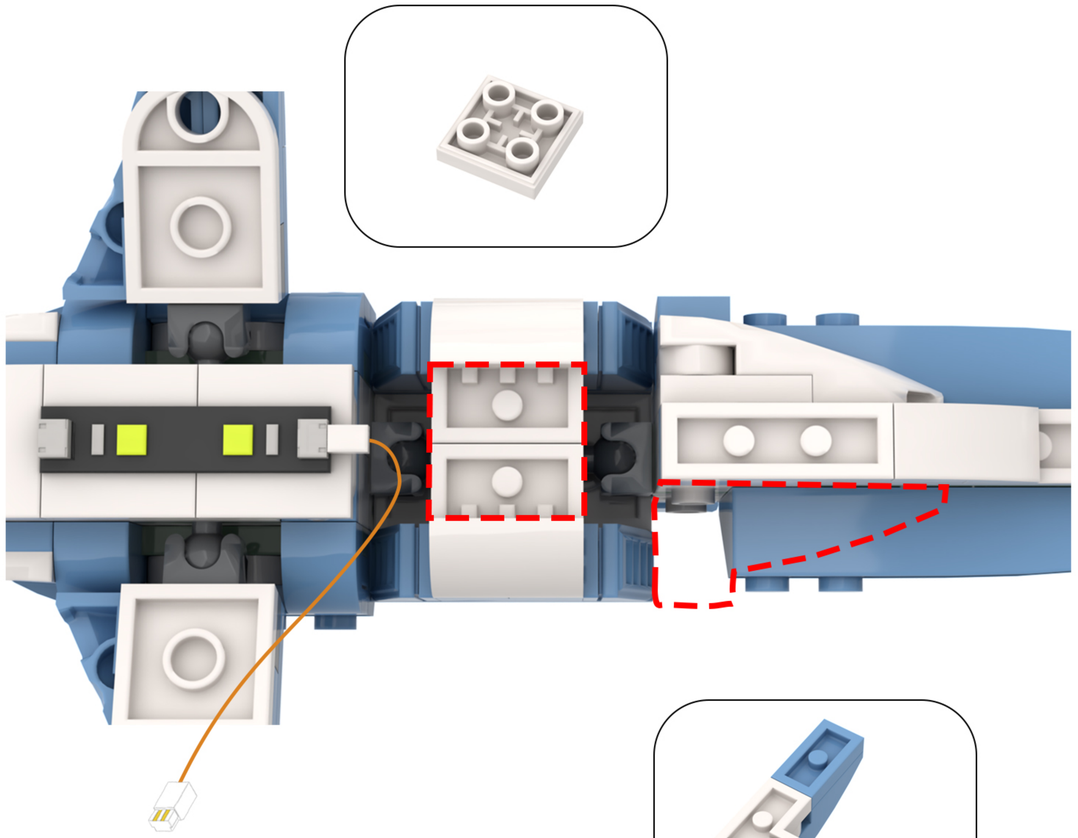


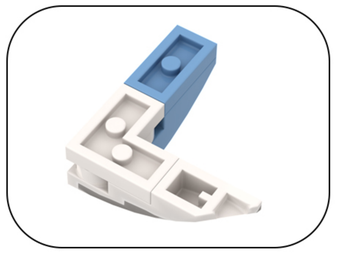


31

EN: Split as shown in the figure.

DE: Wie in der Abbildung gezeigt, teilen Sie es auf.

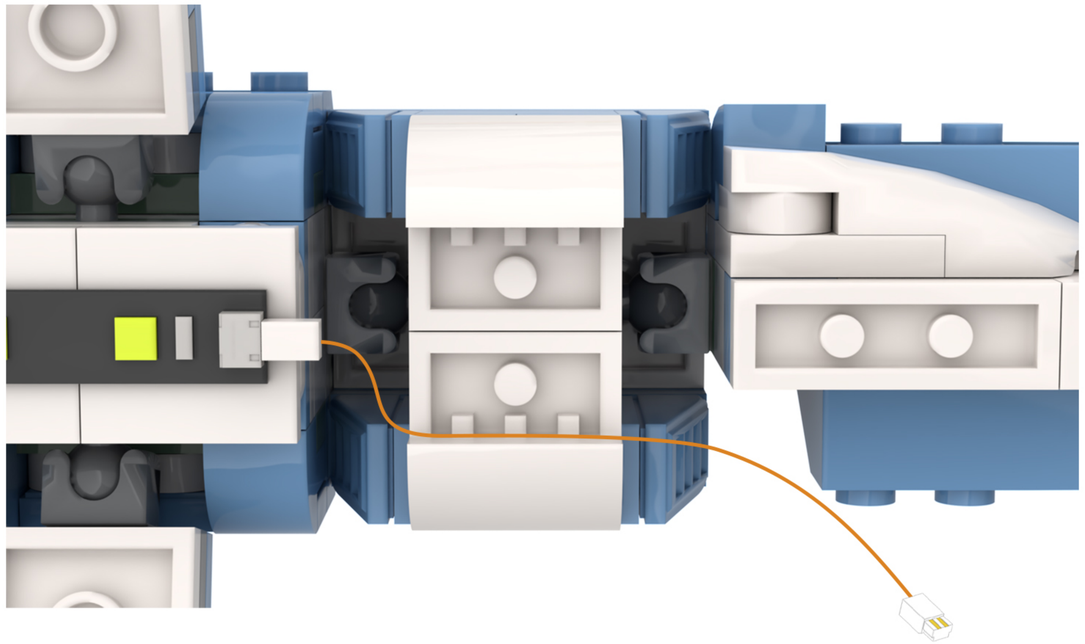




32

EN: Arrange the lighting lines according to the diagram.

DE: Ordnen Sie die Beleuchtungslinien gemäß der Abbildung an.

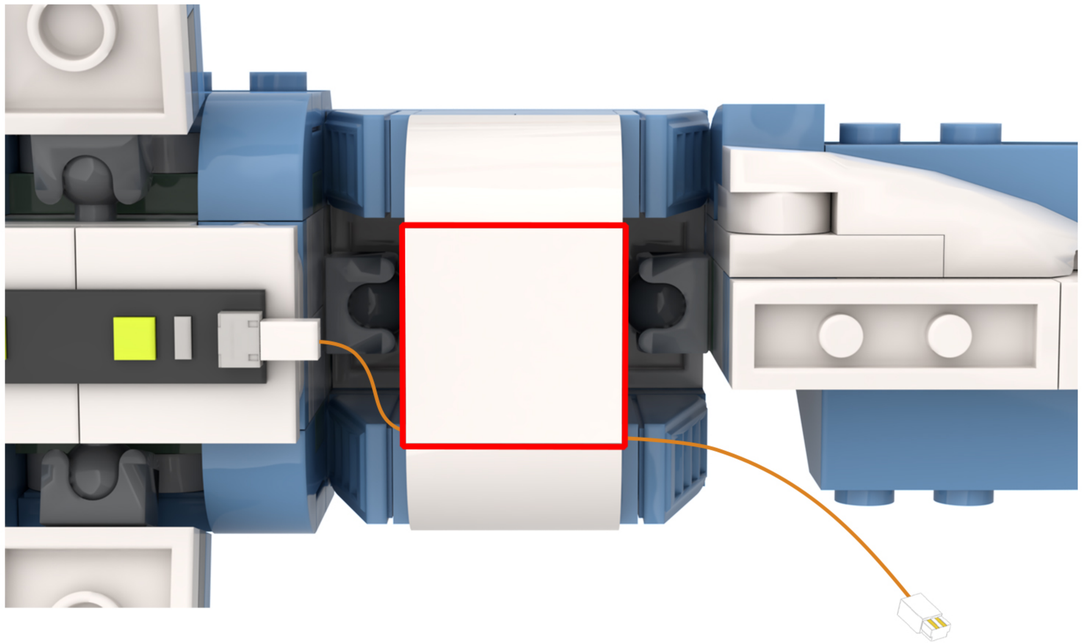


33

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.

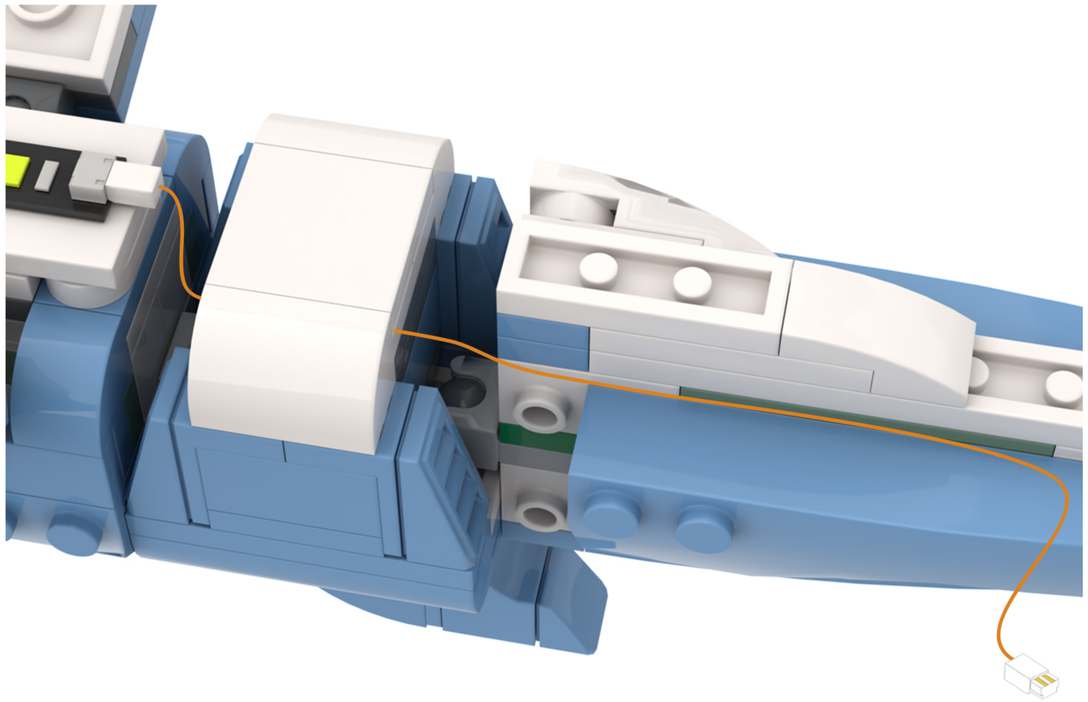
x1



34

EN: Arrange the lighting lines according to the diagram.

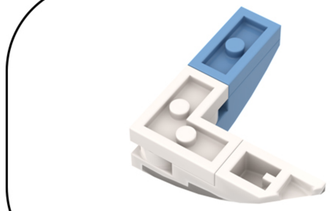
DE: Ordnen Sie die Beleuchtungslinien gemäß der Abbildung an.



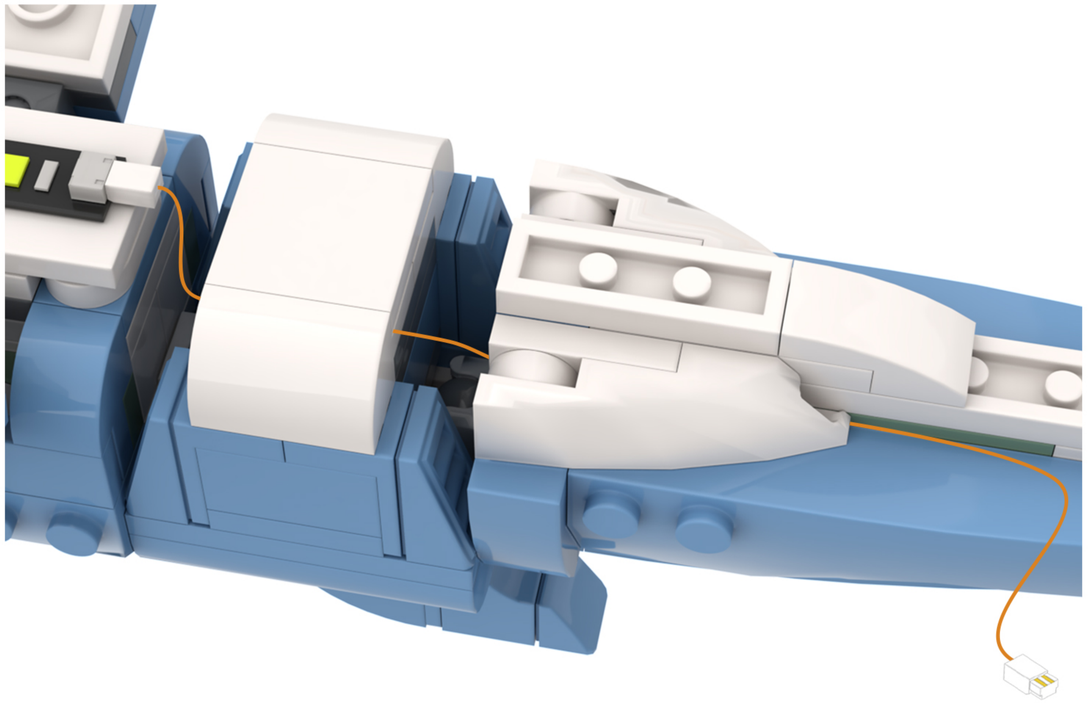
35

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.



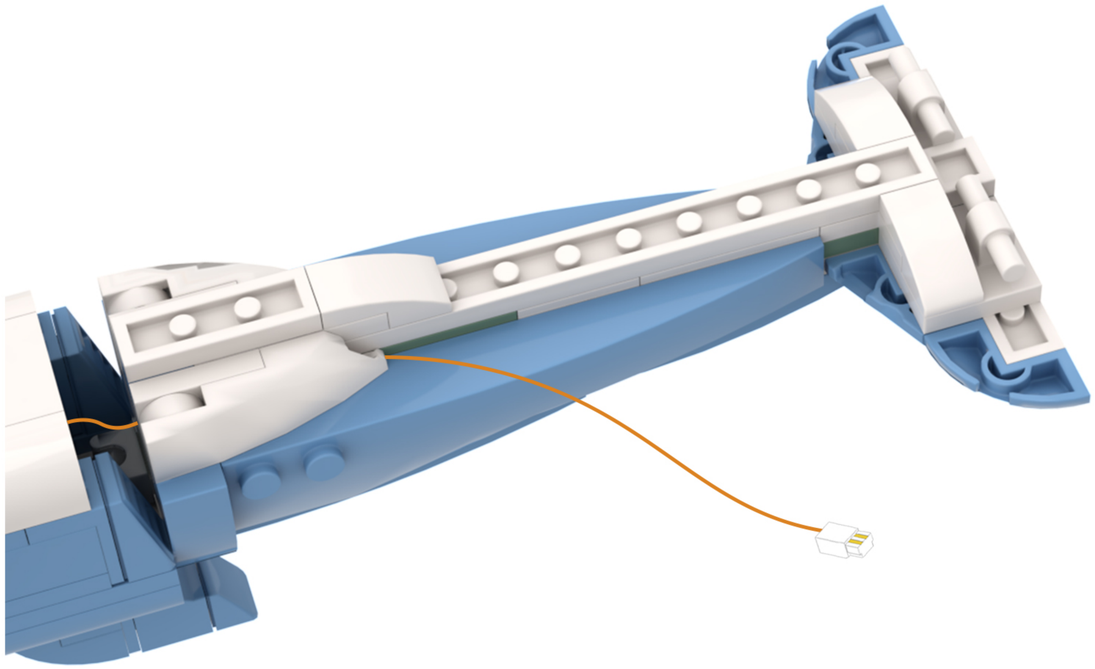
x1

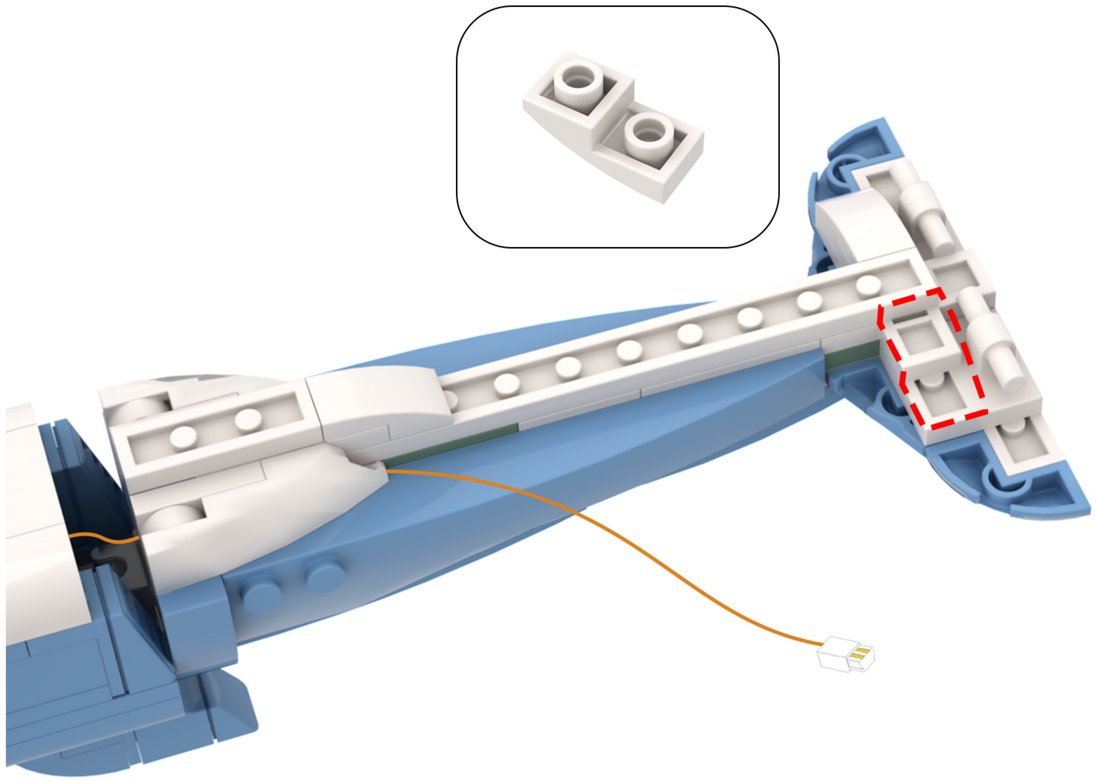


36

EN: Adjust the perspective and dismantle the building blocks.

DE: Passen Sie die Perspektive an und zerlegen Sie die Bausteine.

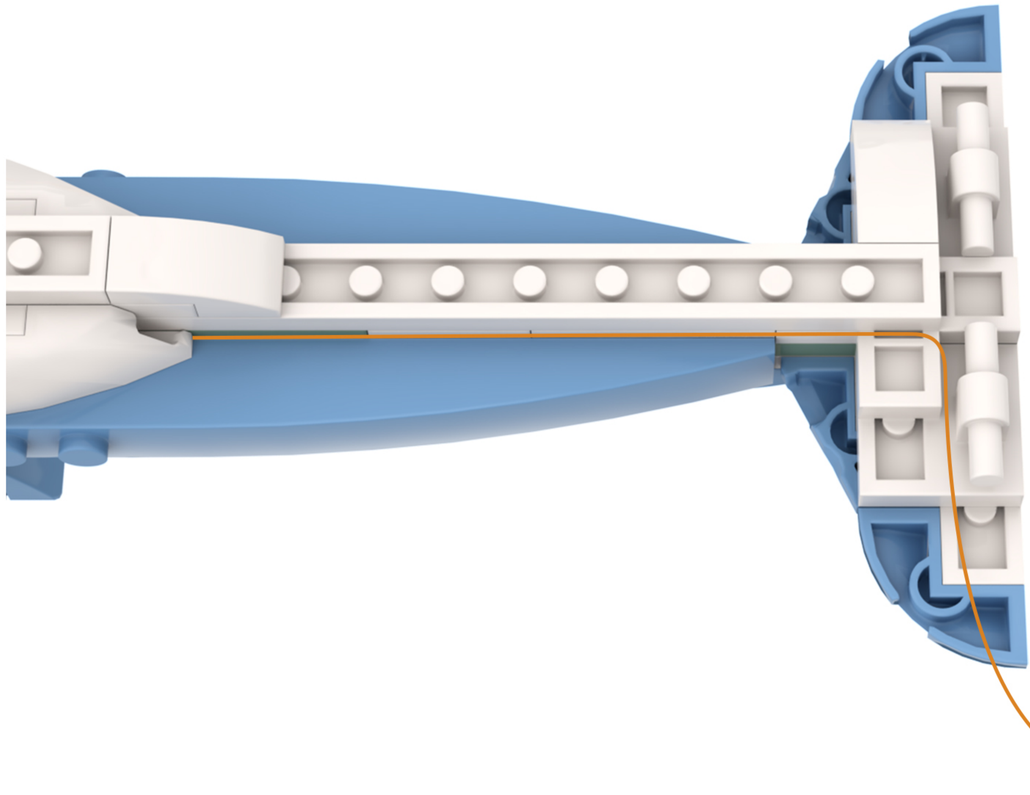


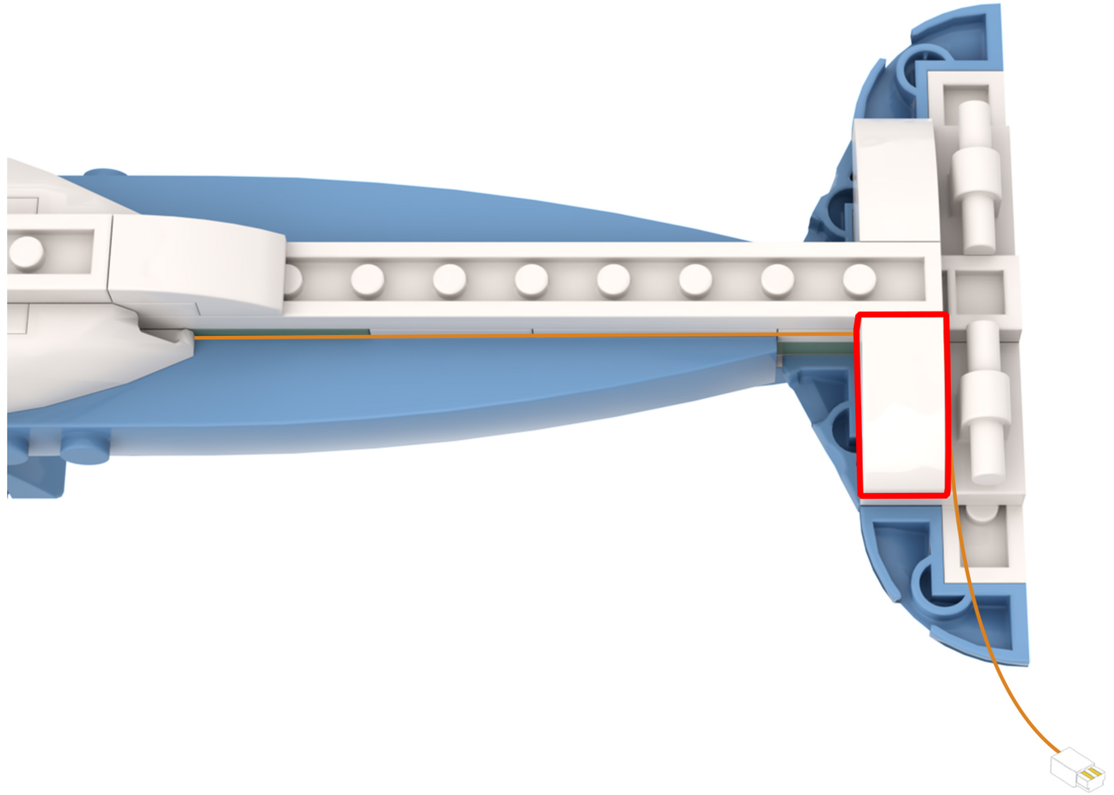


37

EN: Route the wires as shown in the diagram, and secure the lamp wires by pressing down on the building blocks.

DE: Verlegen Sie die Kabel wie in der Abbildung gezeigt und befestigen Sie die Lampenkabel, indem Sie die Bausteine nach unten drücken.

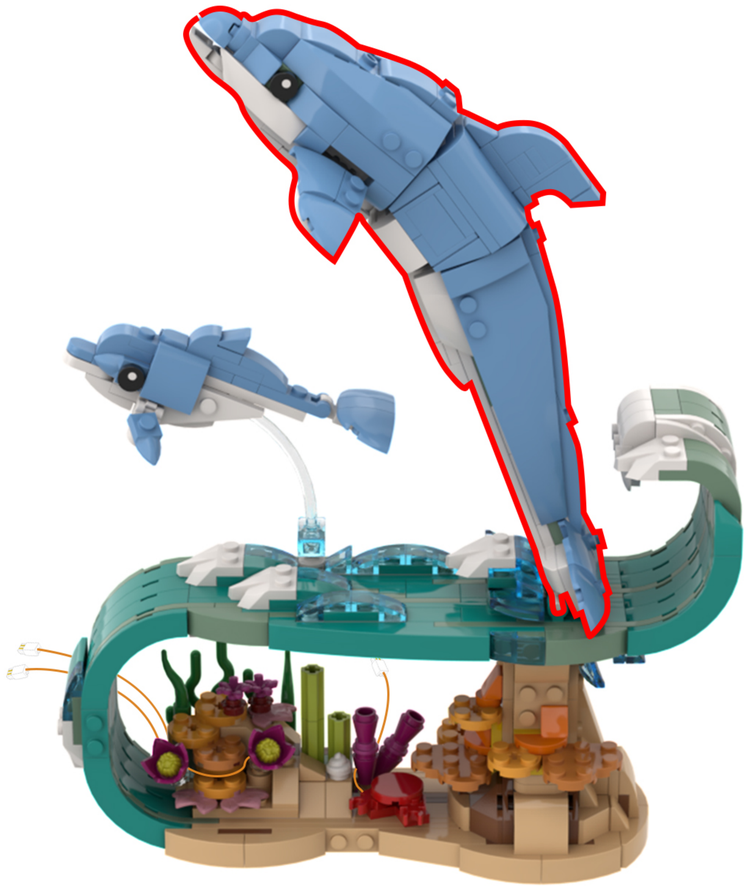




38

EN: Restore the building blocks.

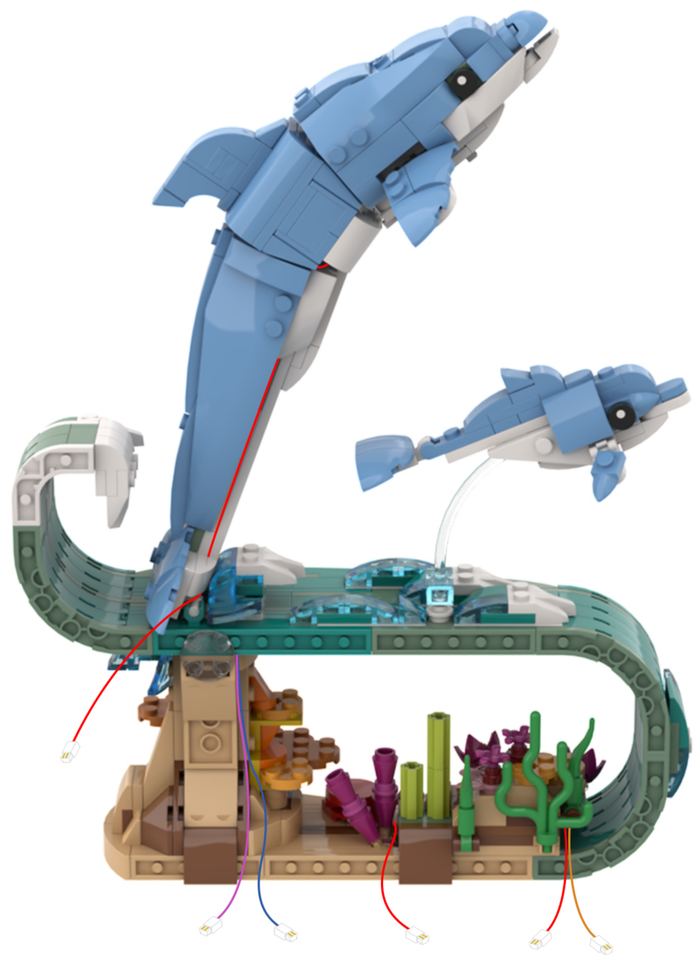
DE: Stellen Sie die Bausteine wieder her.



39

EN: Rotate the model to its back side.

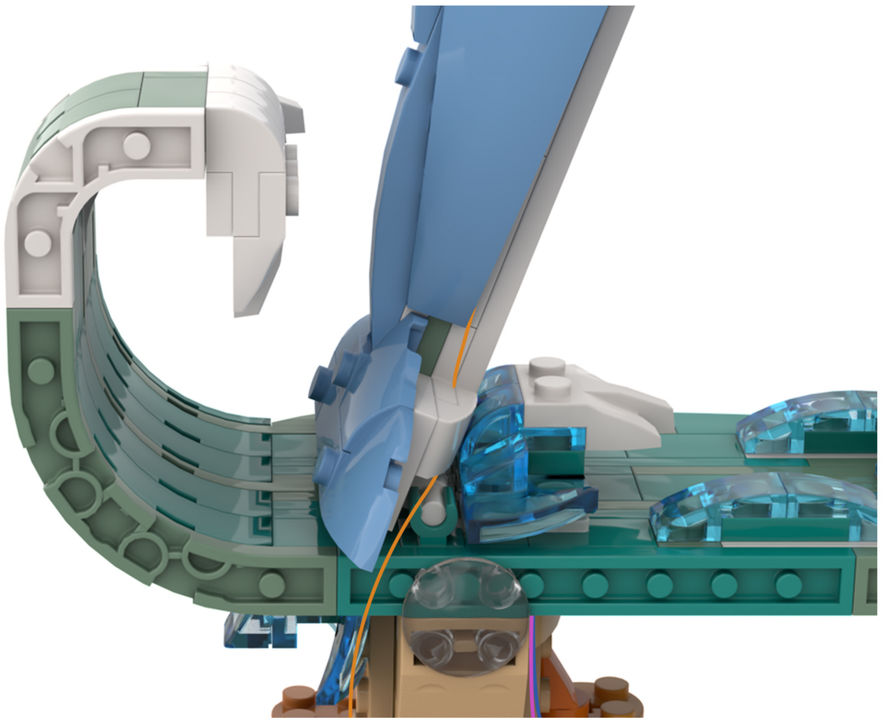
DE: Drehen Sie das Modell auf die Rückseite.



40

EN: Adjust your perspective.

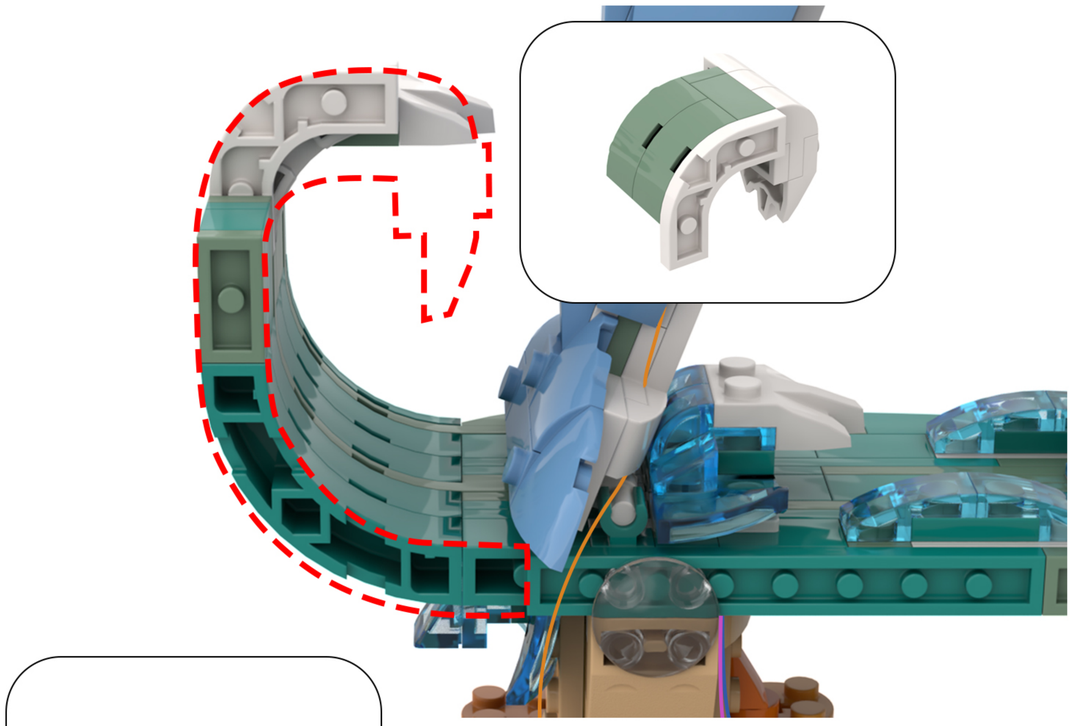
DE: Ändern Sie Ihre Perspektive.

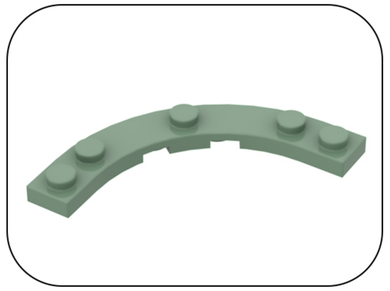


41

EN: Split as shown in the figure.

DE: Wie in der Abbildung gezeigt, teilen Sie es auf.

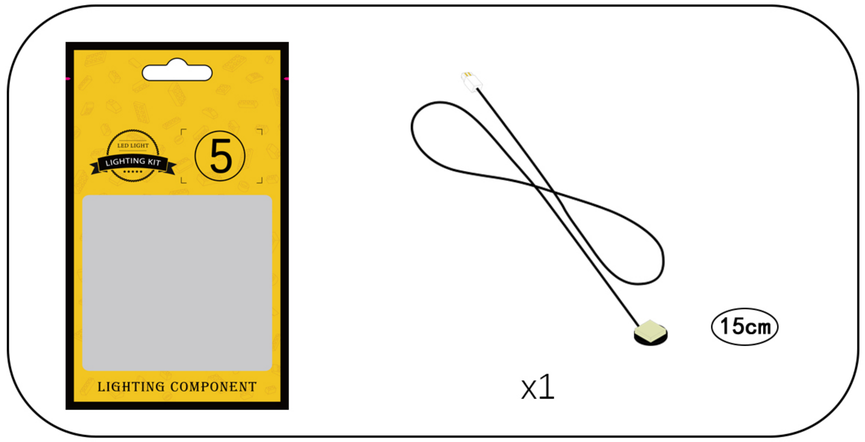


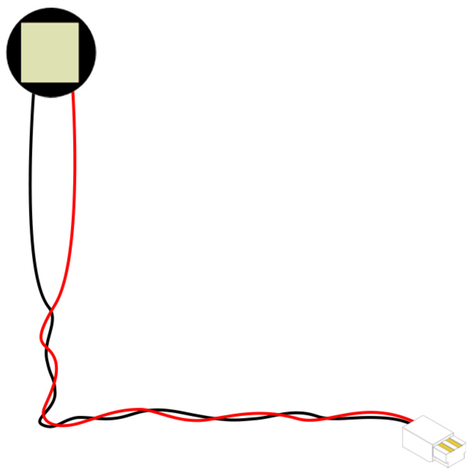


42

EN: Remove the light bulb from bag #5 and untwist a short section of the twisted light cord.

DE: Nehmen Sie die Glühbirne aus Beutel Nr. 5 und entwirren Sie einen kurzen Abschnitt des verdrillten Lichtkabels.

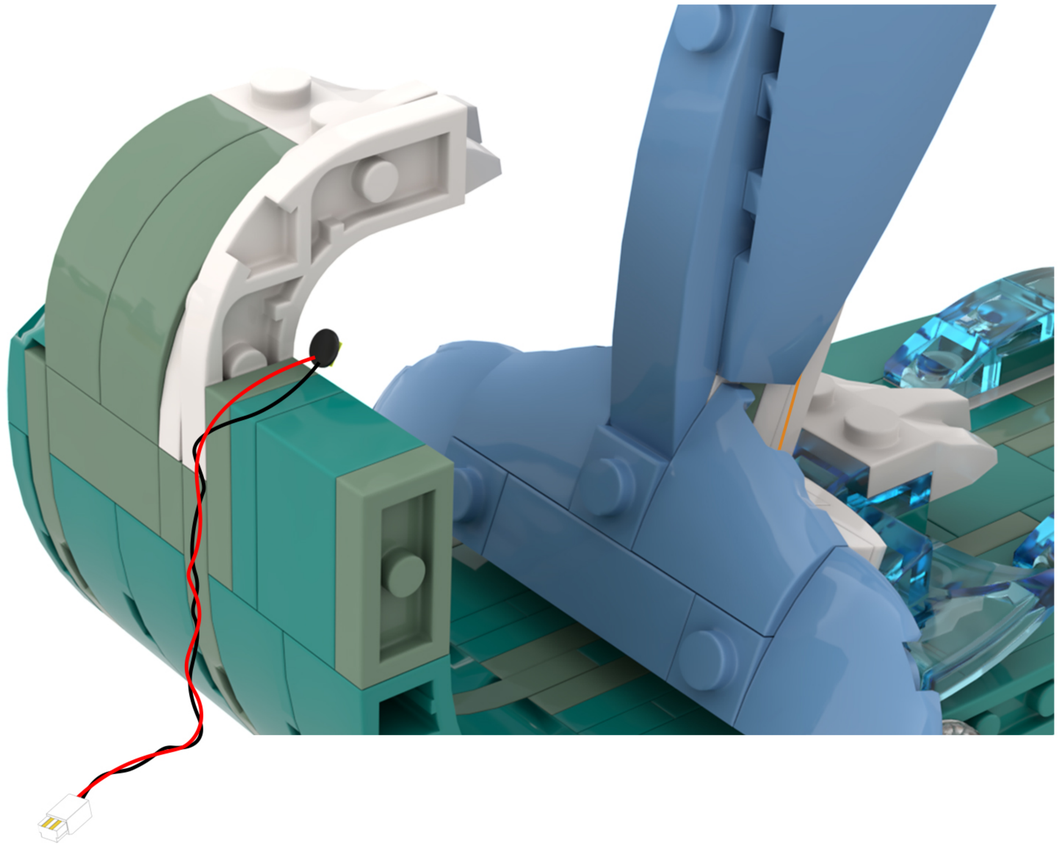




43

EN: Flip the light fixture so it faces downward.

DE: Drehen Sie die Leuchte so, dass sie nach unten zeigt.



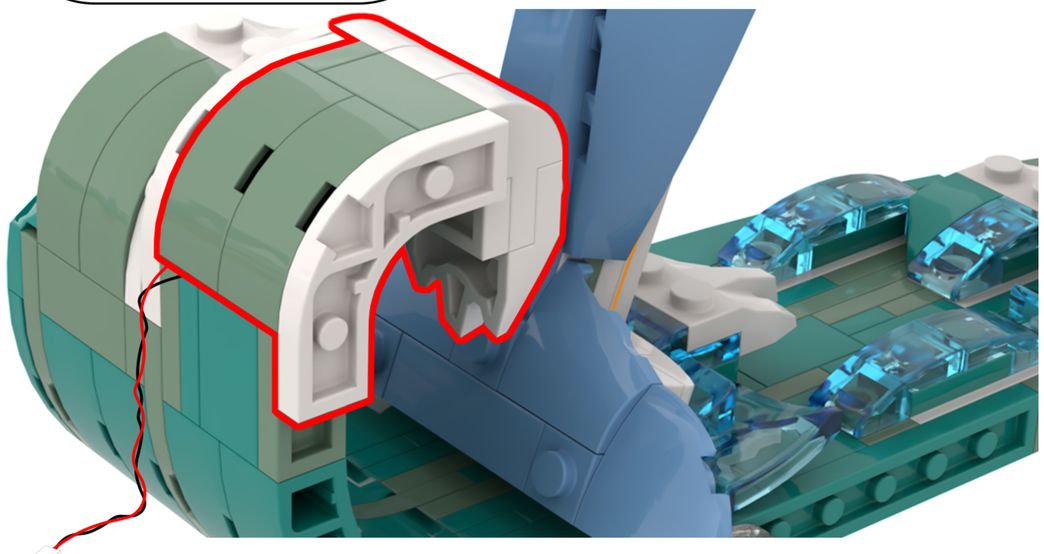
Note: The lighting fixtures should be angled slightly downward.

44

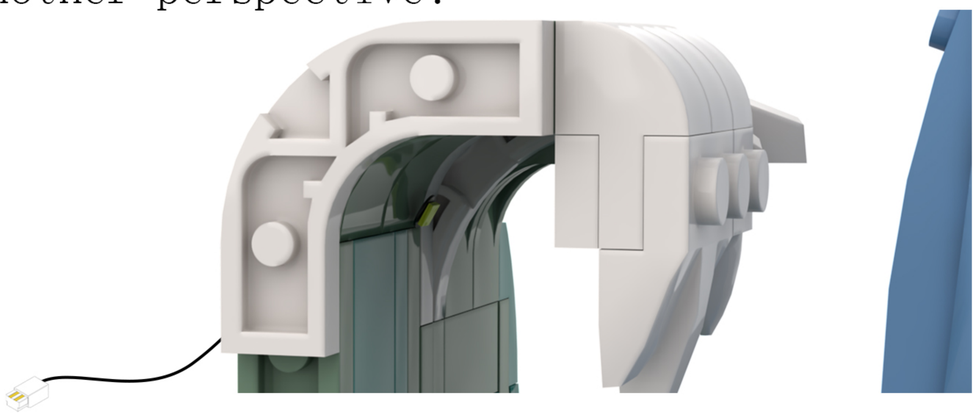
EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.

x1



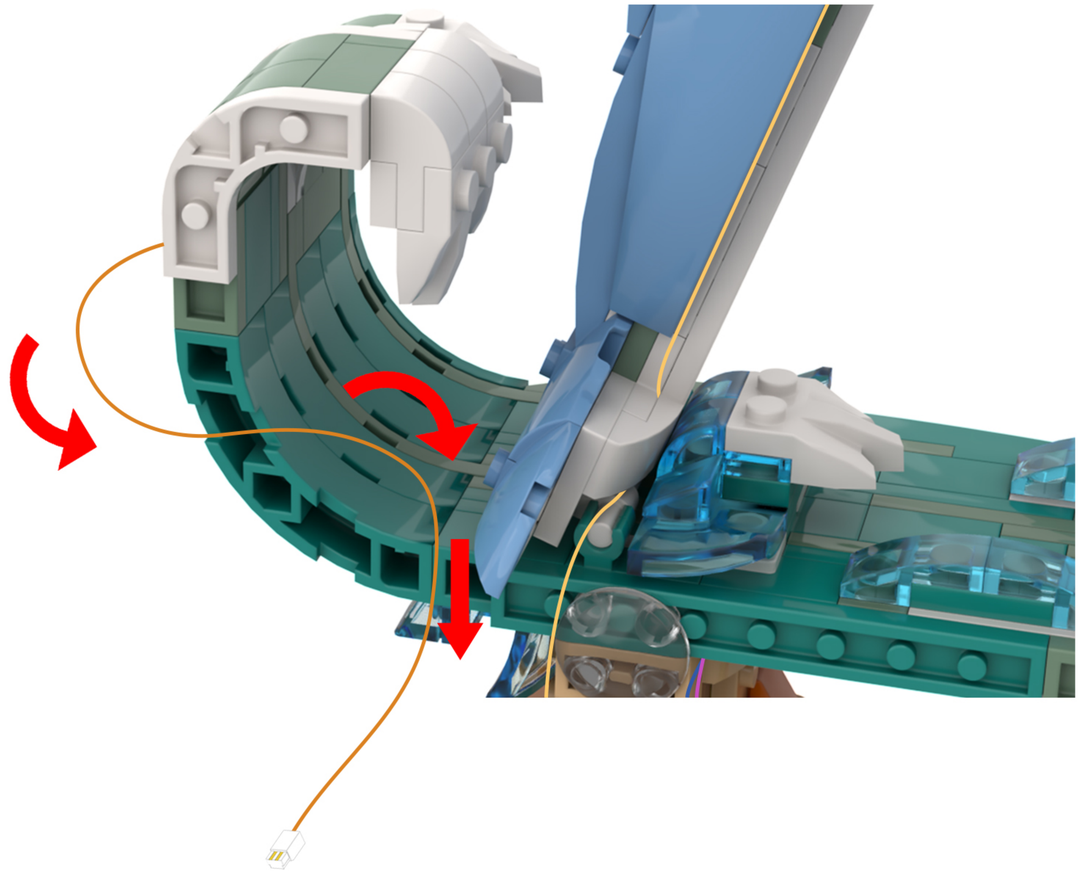
Another perspective:



45

EN: Arrange the lighting lines according to the diagram.

DE: Ordnen Sie die Beleuchtungslinien gemäß der Abbildung an.

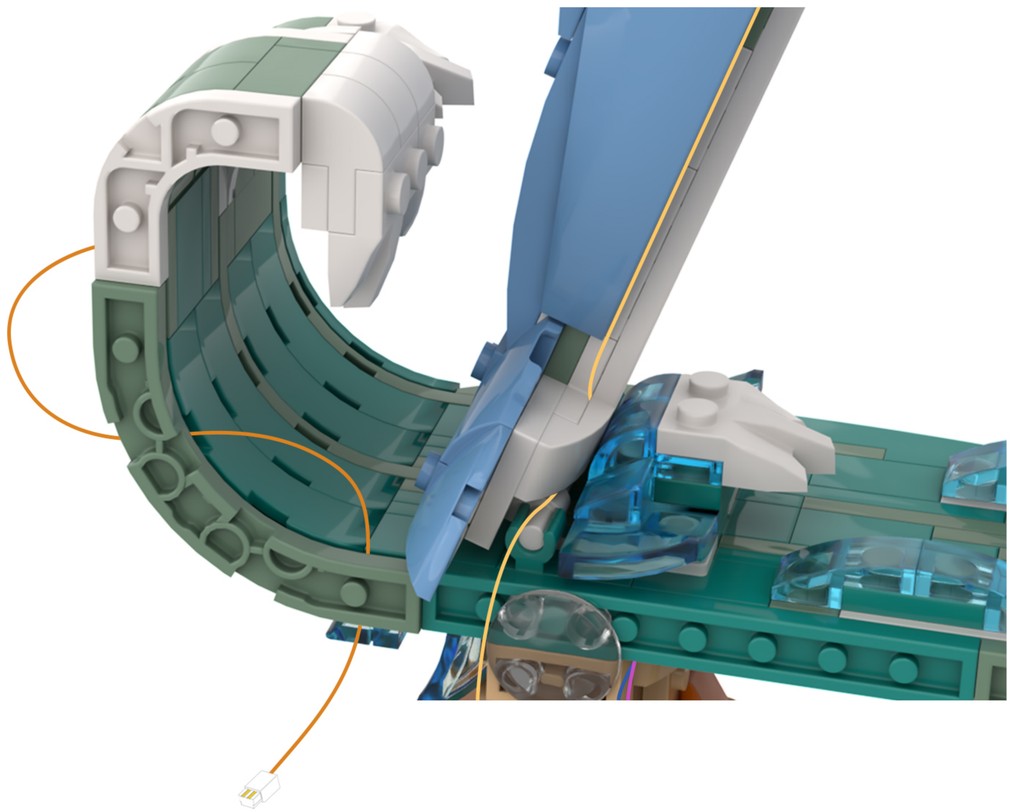


46

EN: Take out the disassembled building blocks and reassemble them.

DE: Nehmen Sie die zerlegten Bausteine heraus und setzen Sie sie wieder zusammen.

x1

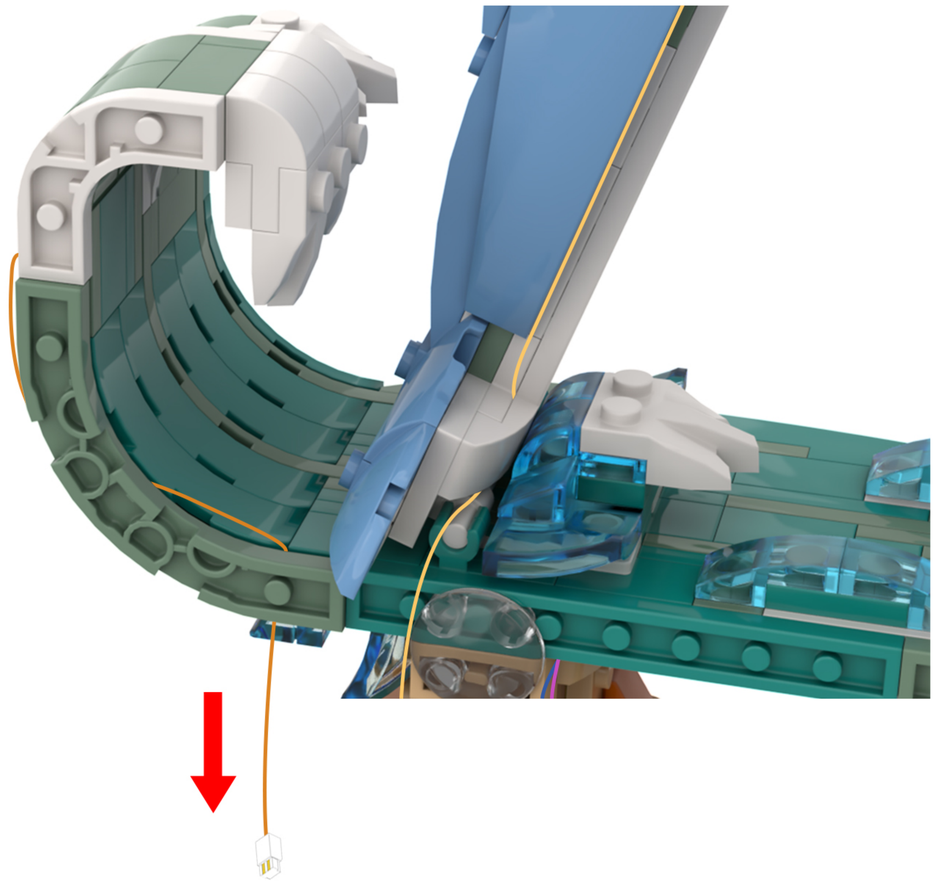


Note: When reassembling, do not fully install the building blocks; leave a small gap.

47

EN: Pull the lamp cord down firmly so that it lies flush against the building block.

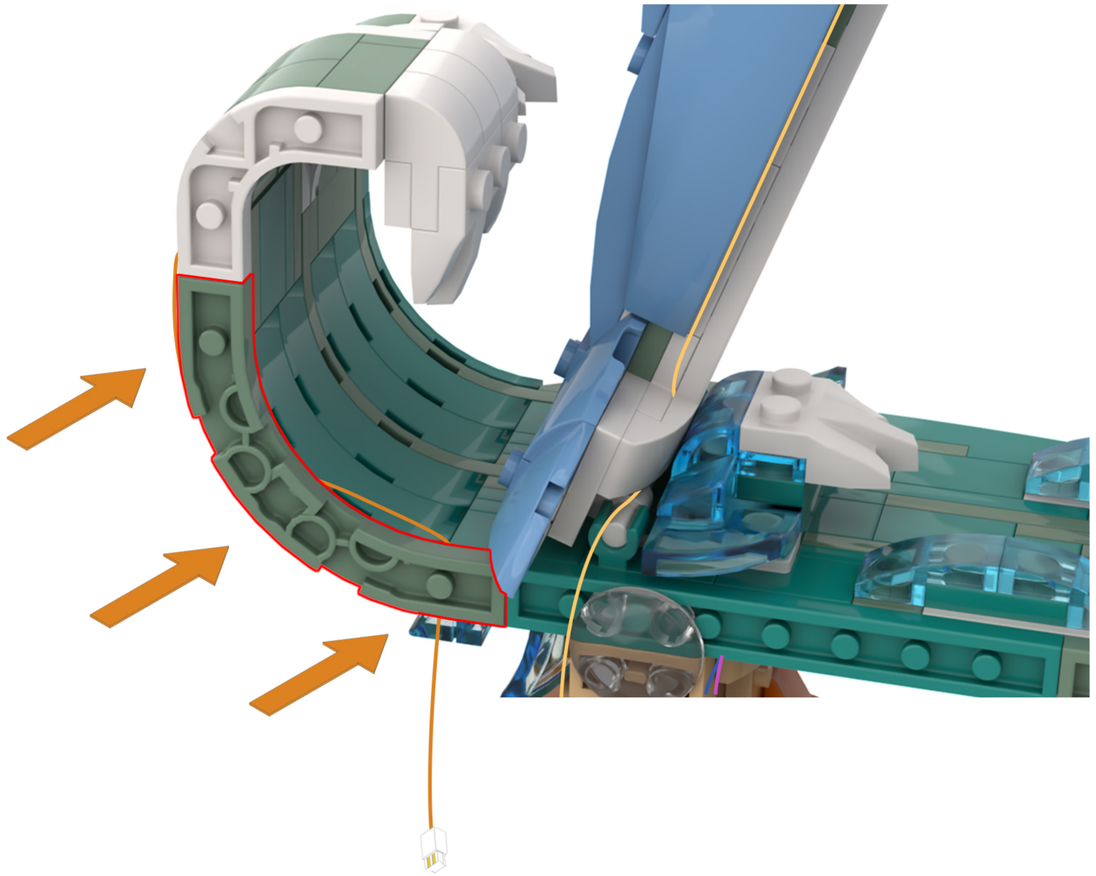
DE: Ziehen Sie das Lampenkabel fest nach unten, sodass es bündig am Baustein anliegt.



48

EN: Press down firmly on the building block.

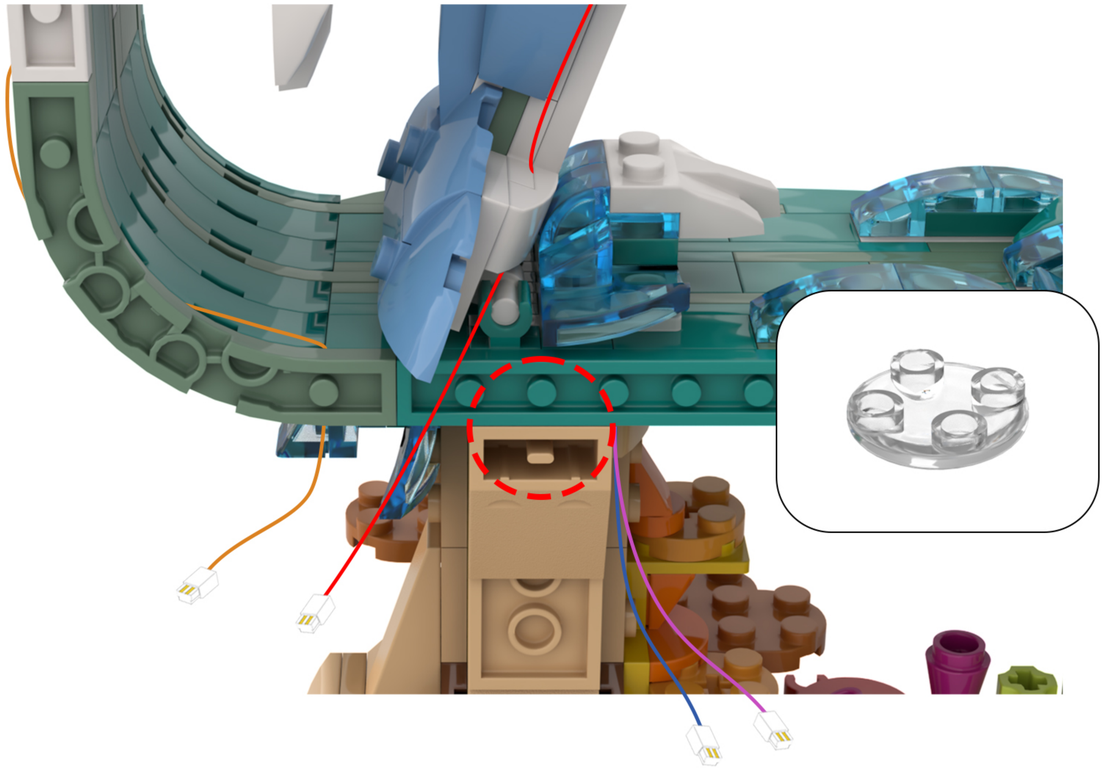
DE: Drücken Sie fest auf den Baustein.



49

EN: Split as shown in the figure.

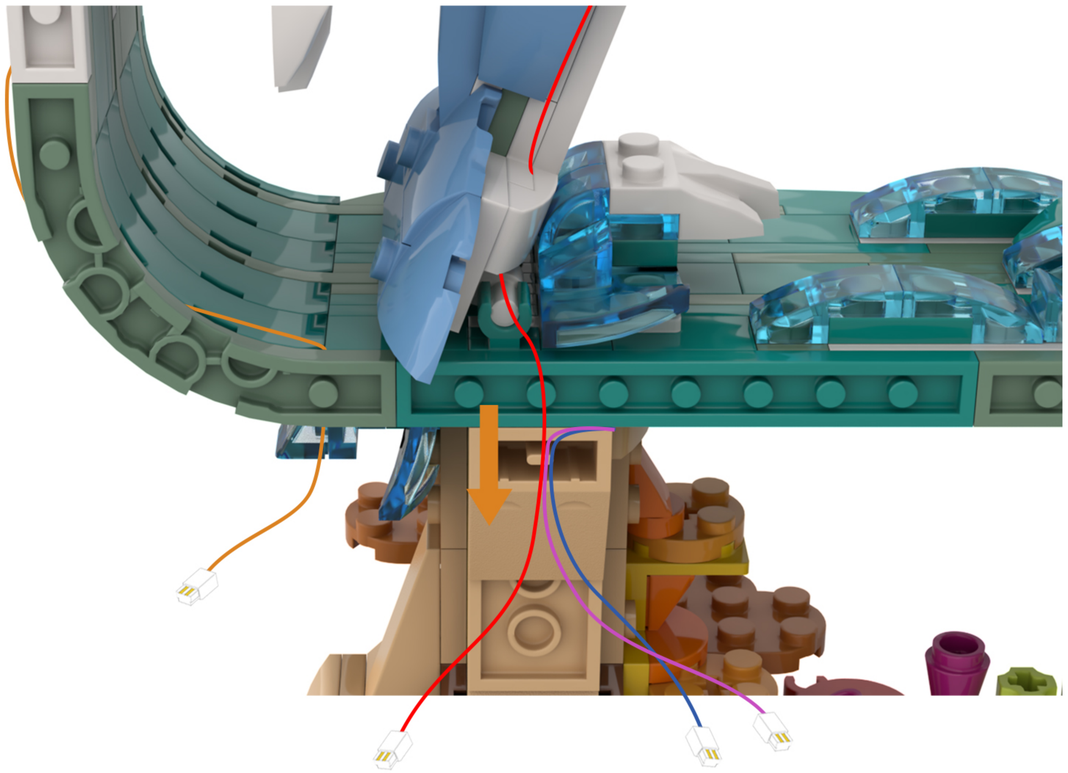
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



50

EN: Arrange the three light cords as shown in the diagram.

DE: Ordnen Sie die drei Lichtkabel wie in der Abbildung gezeigt an.

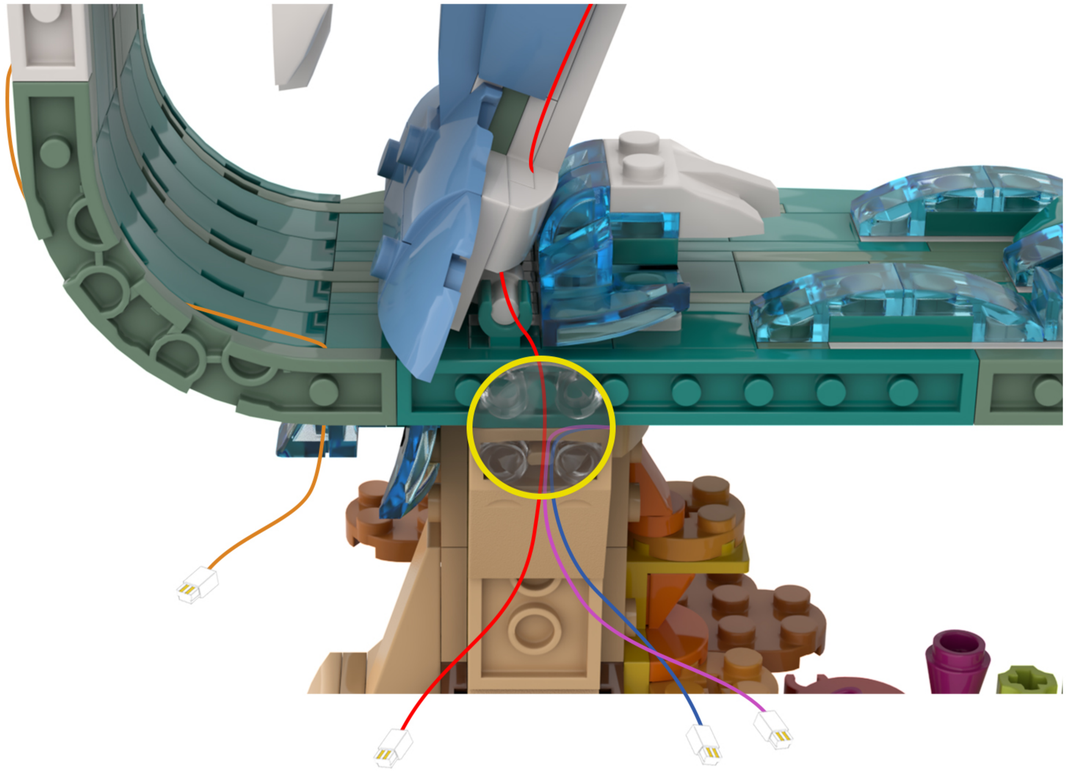


51

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.

x1



52

EN: Remove the 1×2 baseplate from bag 6 and attach it to the building block.

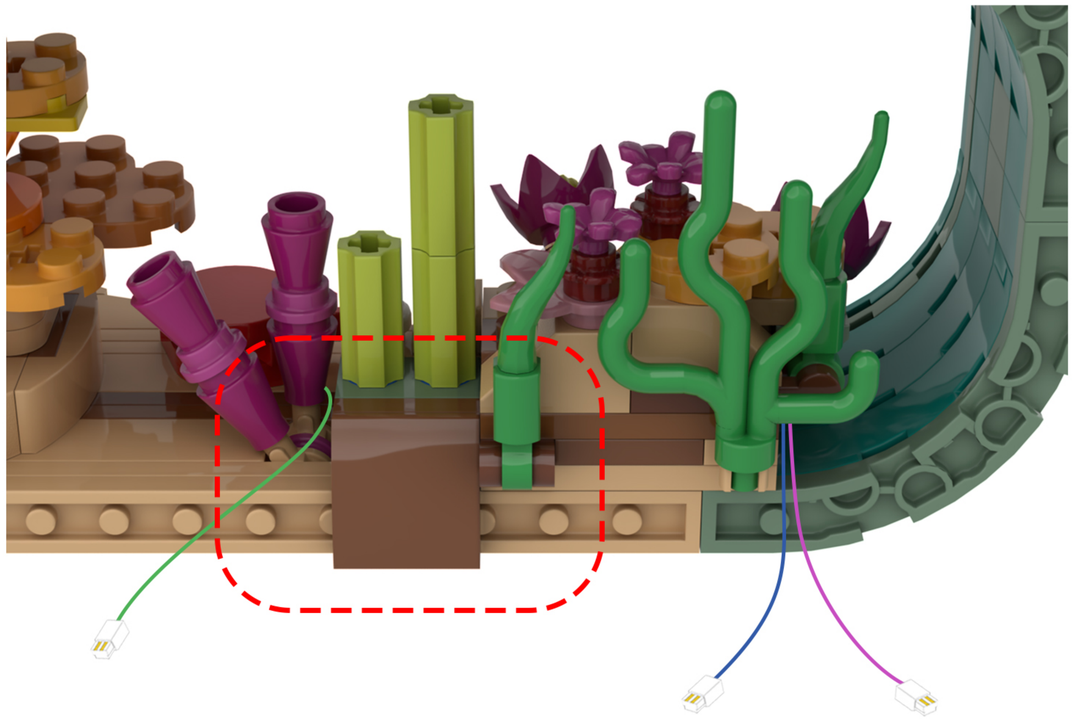
DE: Entnehmen Sie die 1×2-Grundplatte aus Beutel 6 und befestigen Sie sie am Baustein.

x1

53

EN: Adjust your perspective.

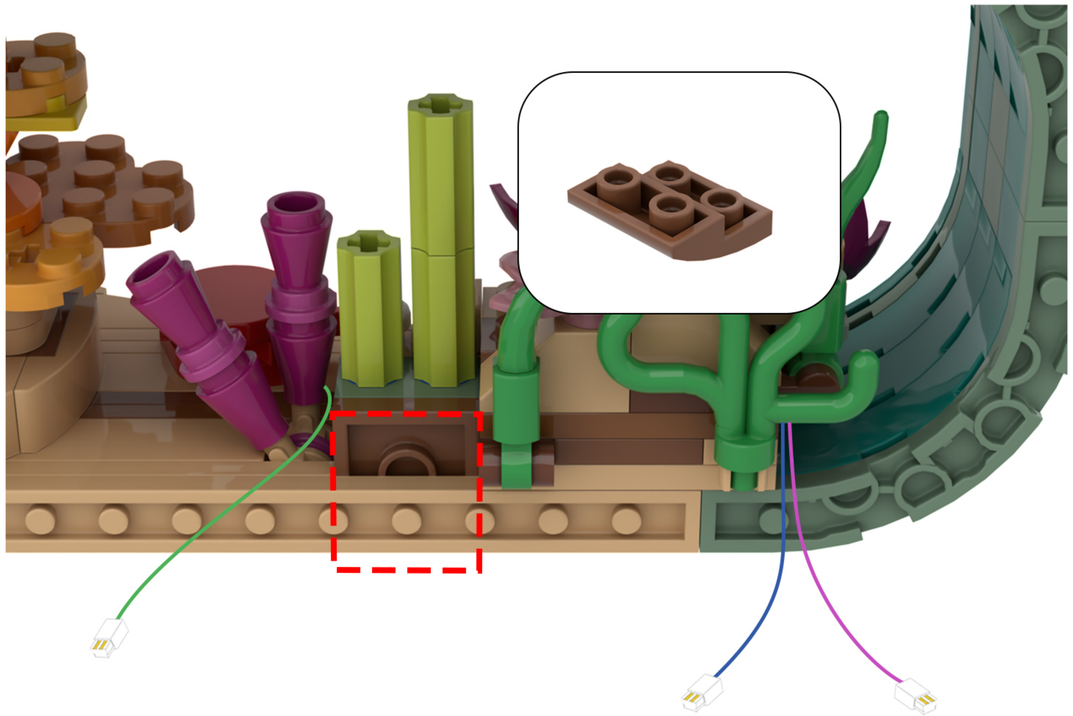
DE: Ändern Sie Ihre Perspektive.



54

EN: Split as shown in the figure.

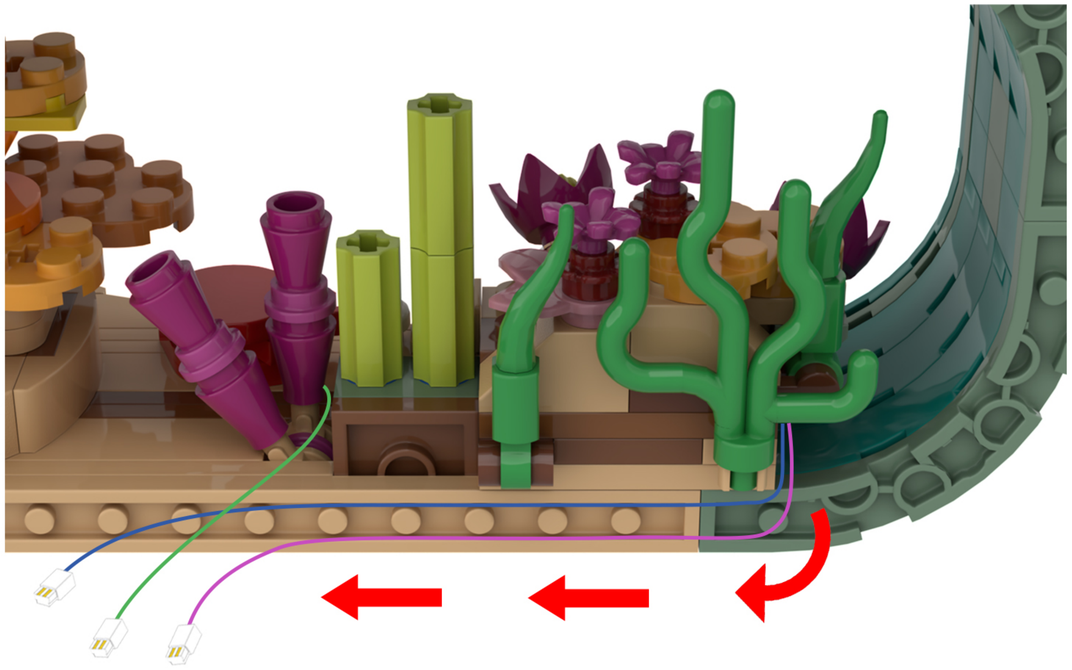
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



55

EN: Arrange the two light wires on the right as shown in the diagram.

DE: Ordnen Sie die beiden Lichtkabel wie in der Abbildung gezeigt auf der rechten Seite an.

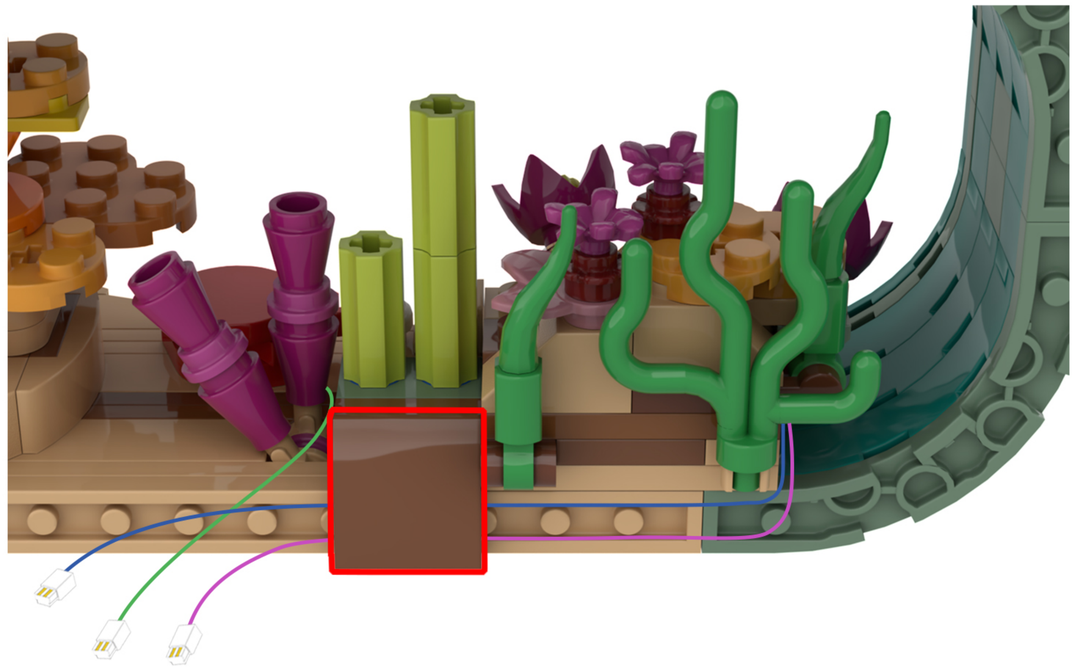


56

EN: Take out the disassembled building blocks, reassemble them, and secure the light cord.

DE: Nehmen Sie die zerlegten Bausteine heraus, setzen Sie sie wieder zusammen und befestigen Sie das Lichtkabel.

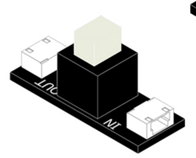
x1



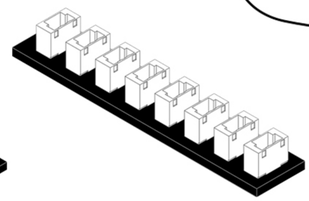
57

EN: Remove the switch module, expansion board, and connecting cables from Bag No. 6, and connect them together in sequence.

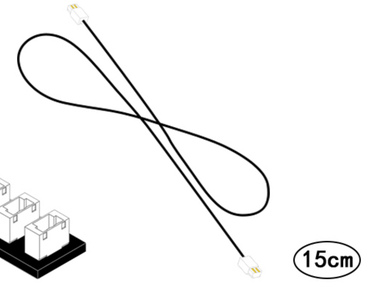
DE: Entnehmen Sie das Schaltmodul, die Erweiterungskarte und die Verbindungskabel aus Beutel Nr. 6 und verbinden Sie sie nacheinander miteinander.



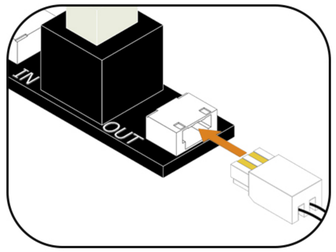
x1

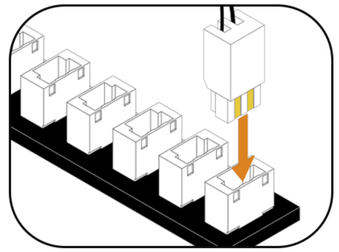


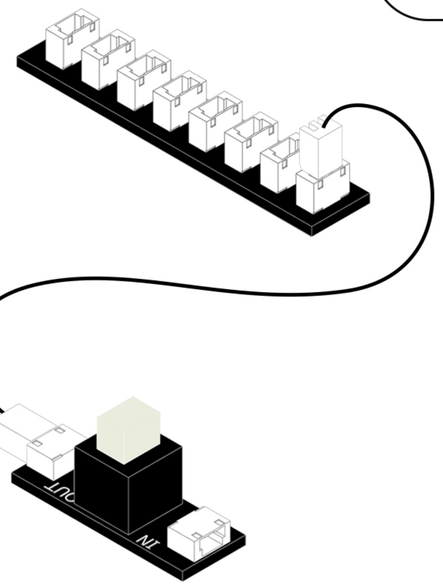
x1



x1



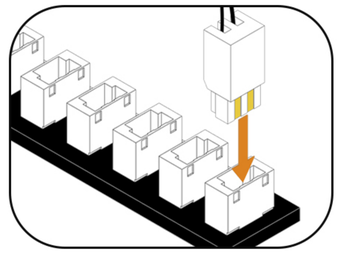


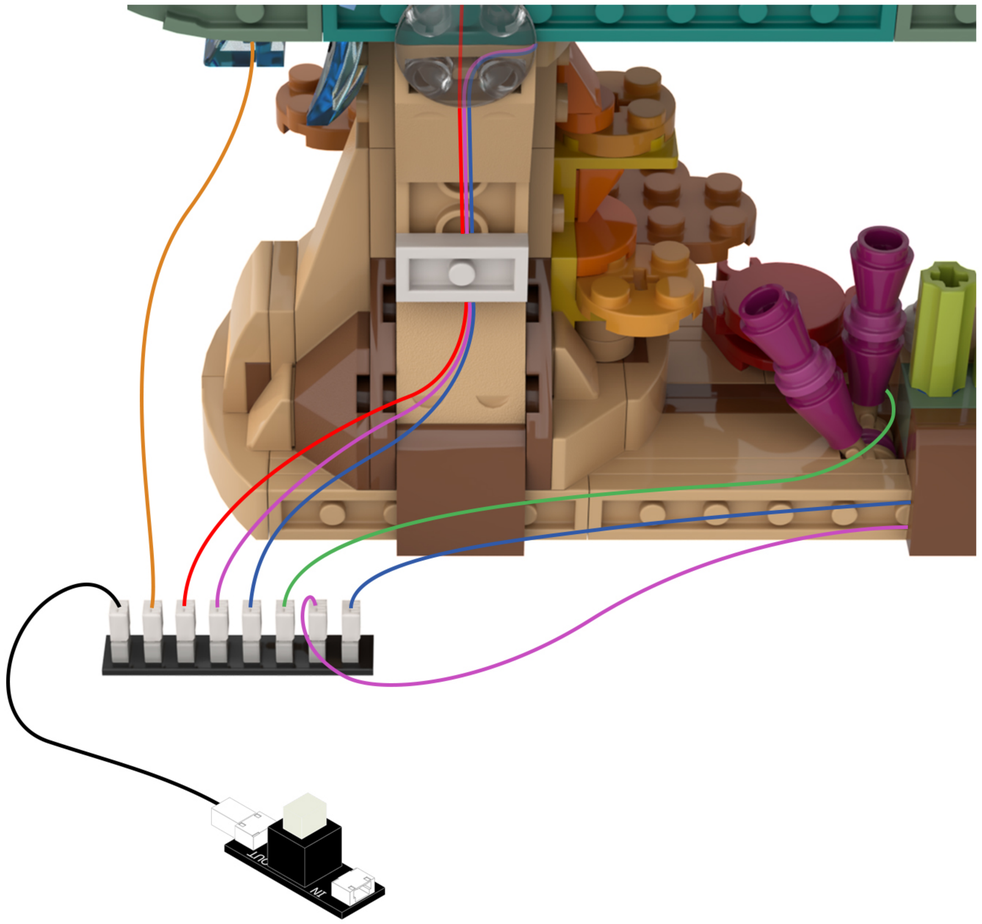


58

EN: Connect all lamp wires to the expansion board in sequence.

DE: Schließen Sie alle Lampenkabel der Reihe nach an die Erweiterungskarte an.

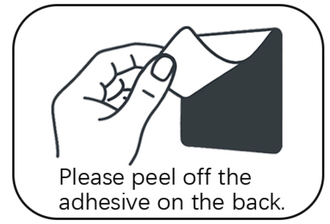


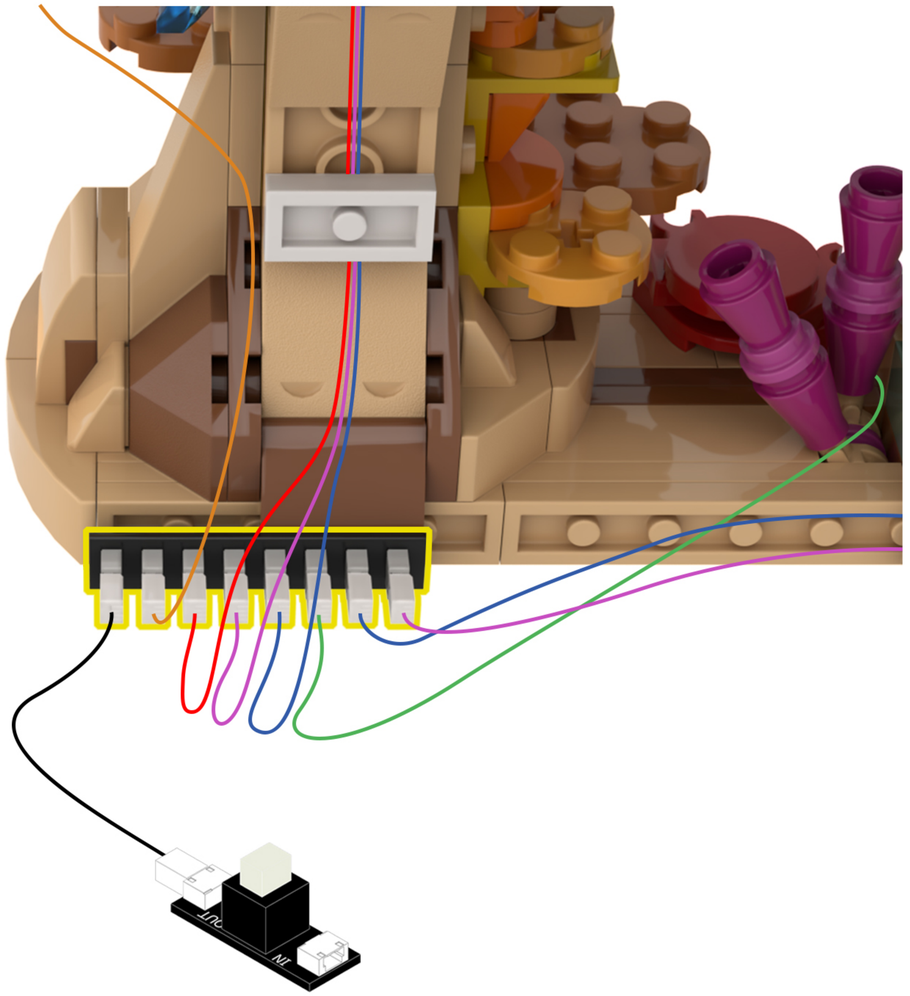


59

EN: Peel off the adhesive backing of the expansion board and attach it to the location shown in the illustration.

DE: Entfernen Sie die Schutzfolie von der Rückseite der Erweiterungsplatte und kleben Sie sie an die in der Abbildung gezeigte Stelle.

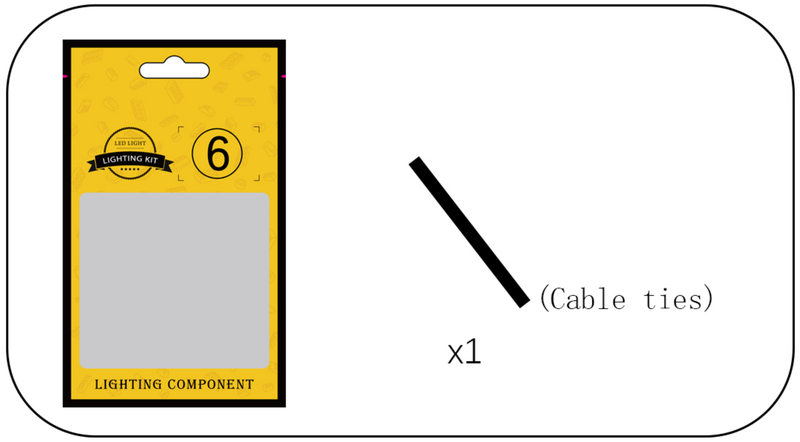


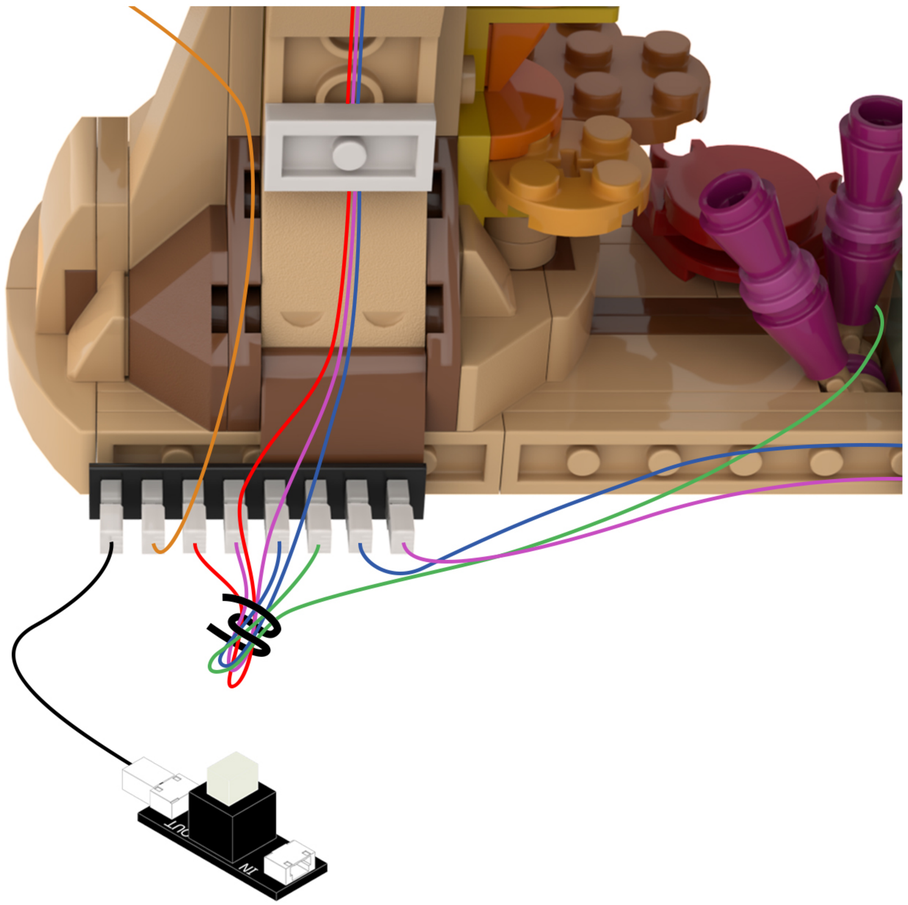


60

EN: Remove the zip ties from bag #6 and bundle together any excess lamp cords.

DE: Entfernen Sie die Kabelbinder aus Beutel Nr. 6 und bündeln Sie überschüssige Lampenkabel.

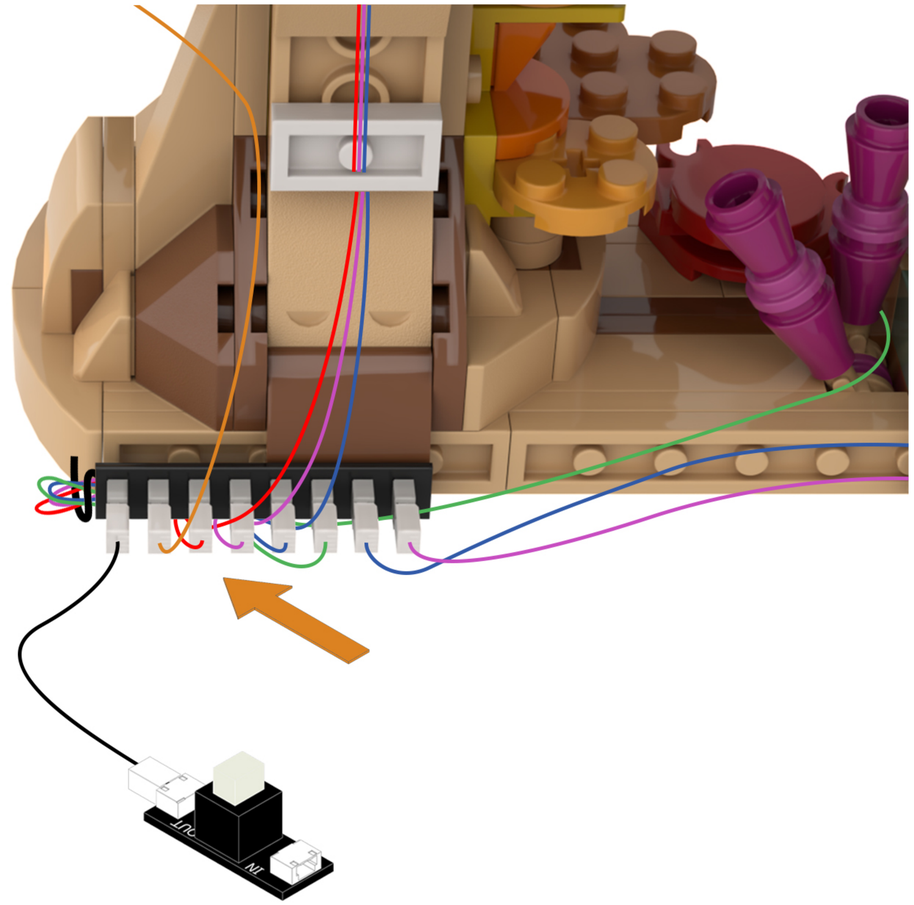




61

EN: Place the bundled lamp wires beneath the expansion board.

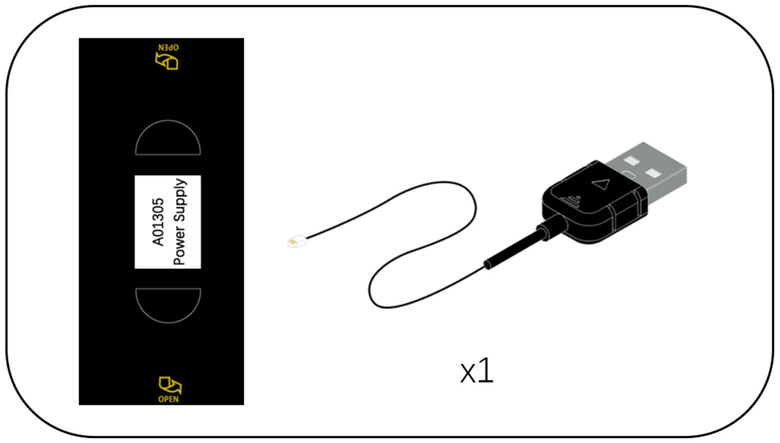
DE: Legen Sie die gebündelten Lampenkabel unter die Erweiterungskarte.

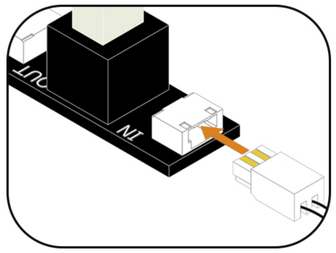


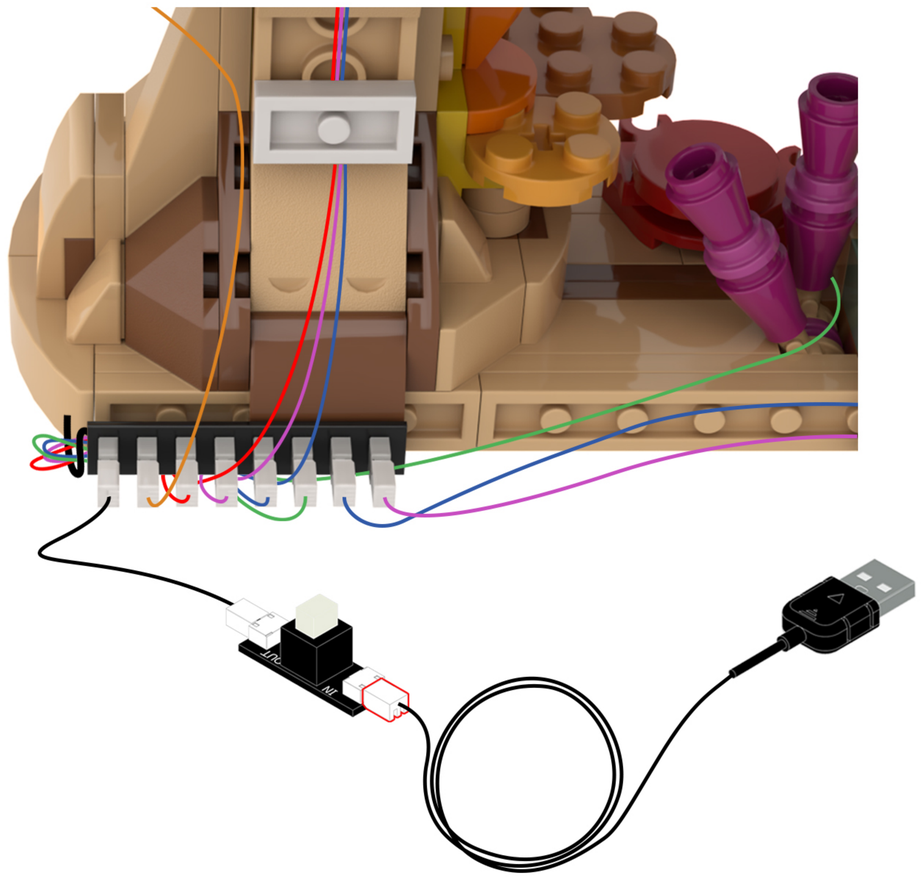
62

EN: Remove the USB power cable from the bag and connect it to the switch module.

DE: Entnehmen Sie das USB-Stromkabel aus der Tasche und schließen Sie es an das Schaltmodul an.







63

EN: Once installed, connect the power supply and give it a try!

DE: Die Installation ist abgeschlossen. Schließen Sie das Gerät an die Stromversorgung an und probieren Sie es aus!

Above our designers to provide the relevant ideas and instructions. But please move to the following:

1: about our company this product parts material, product quality do you have comments and suggestions?

2: about this product installation instructions and installation of the degree of difficulty do you have views and suggestions?

3: if in the operation of the product we provide ideas encountered any problems, please contact us in a timely manner.

Tips

If you encounter any installation problems please contact the seller, we will be happy to help you solve!