

INSTALLATION GUIDE

Republic Juggernaut

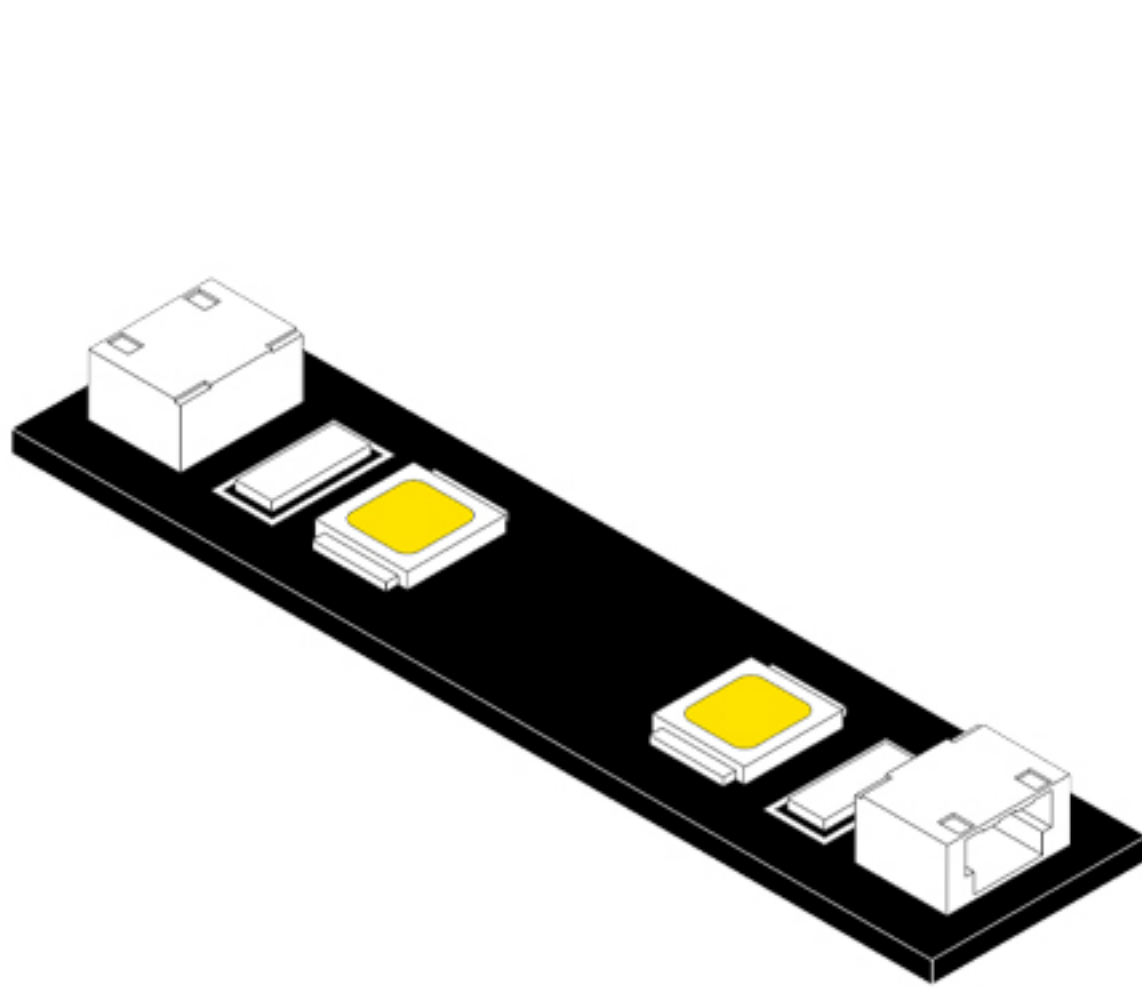
Remote-controlled model
(75413)



LED light kit compatible with Lego

Instructions for installing this kit:

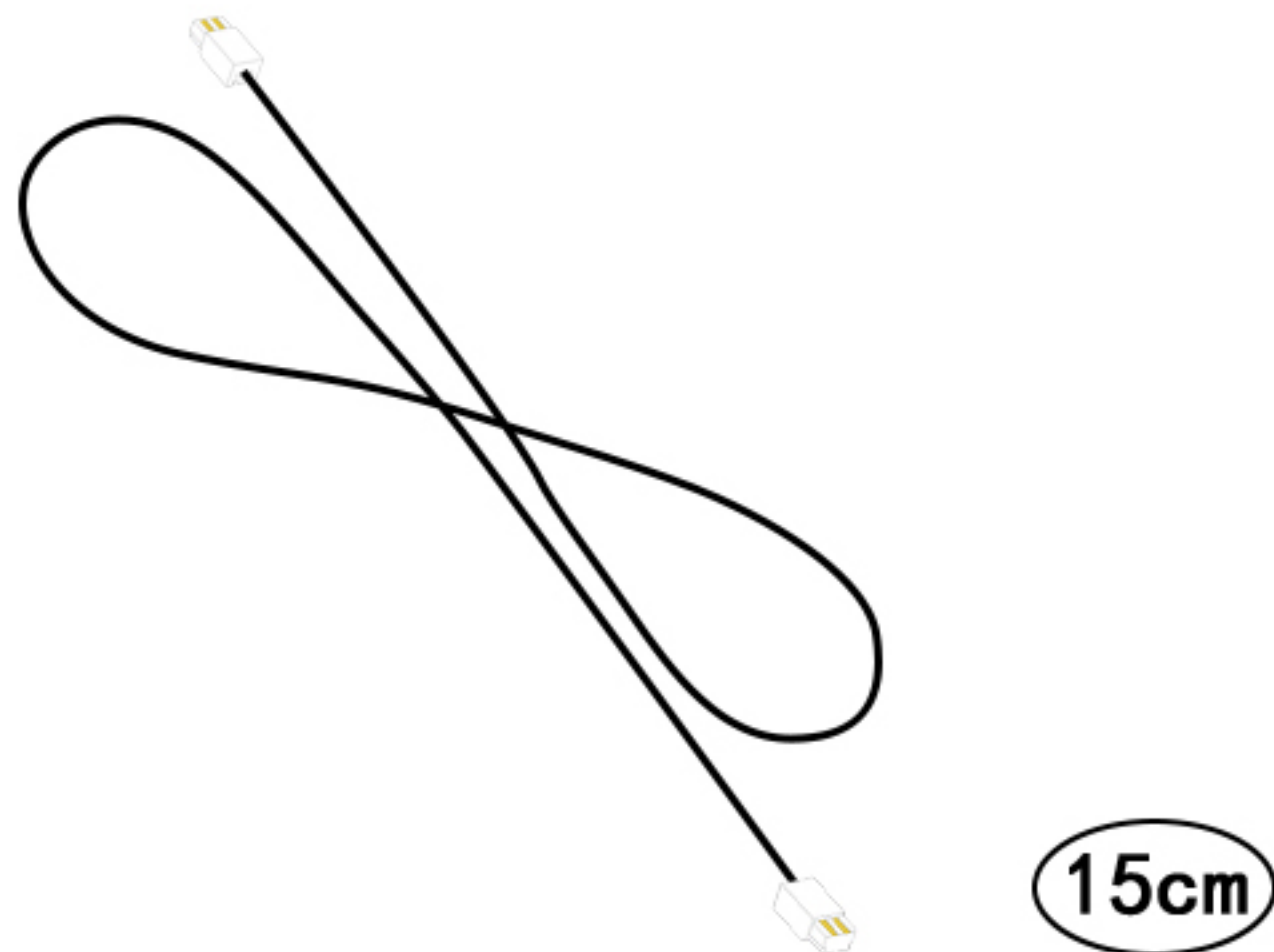
This set includes 6 pouches. (The battery case functions similarly; please select your own power source. This article uses a USB power cable.)



X1

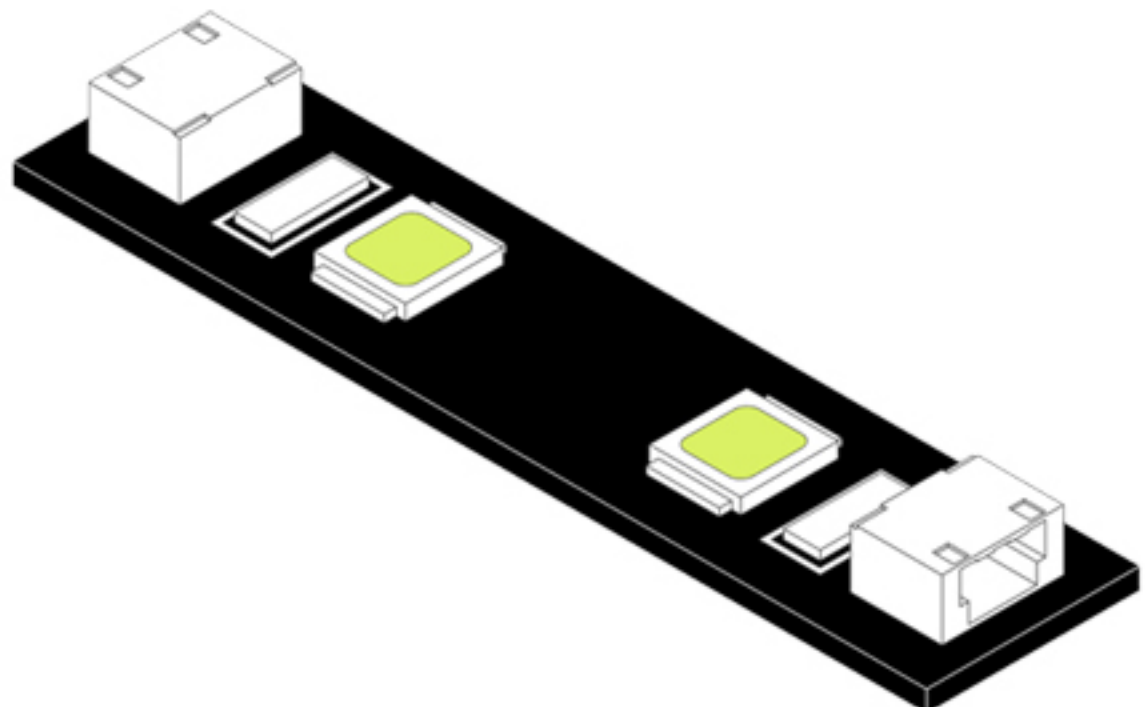


X2

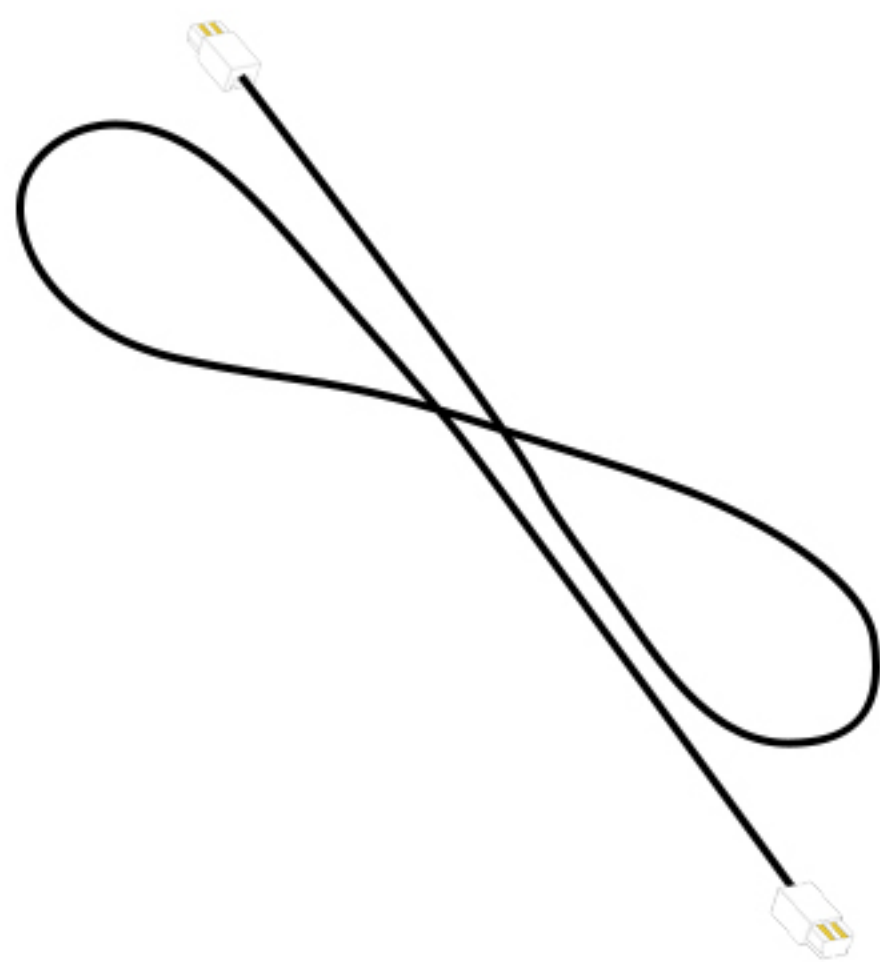


X1

15cm

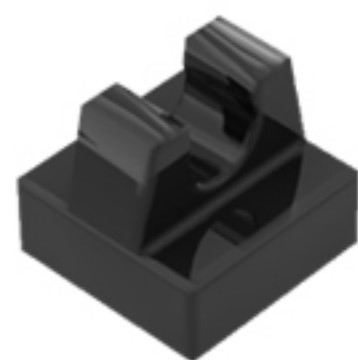


X2



X2

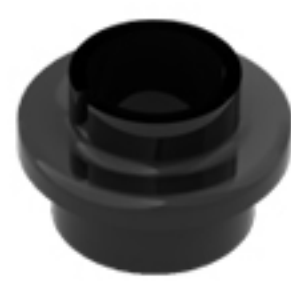
20cm



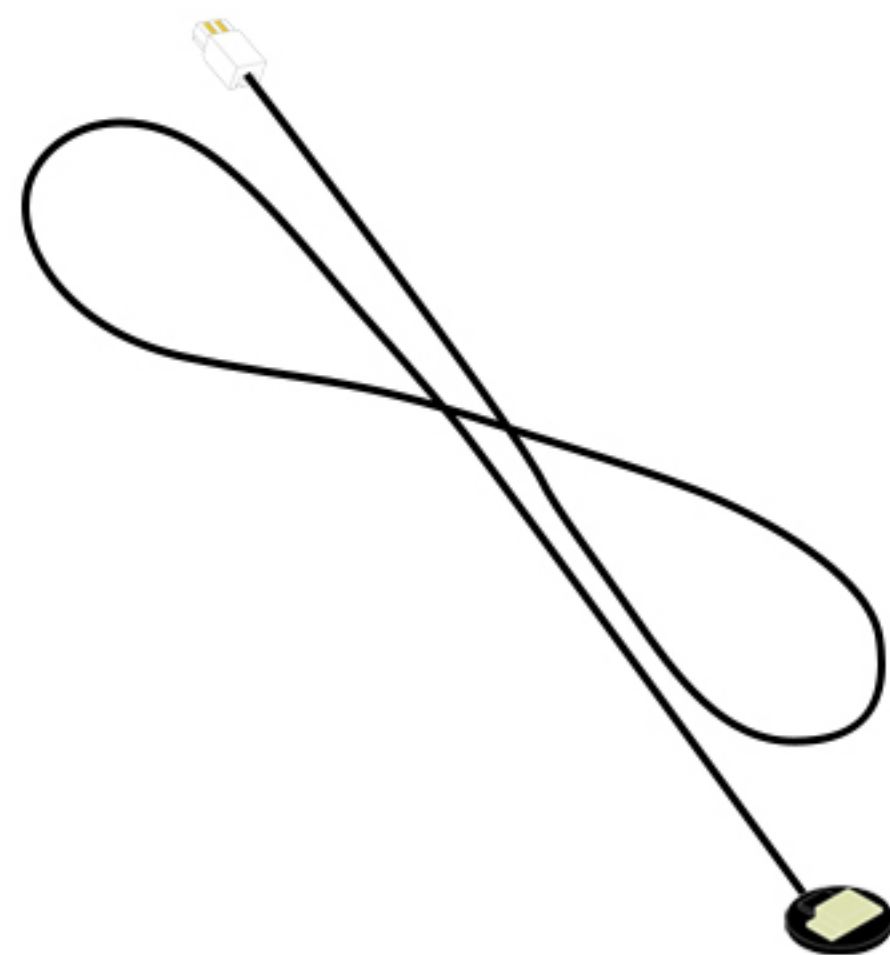
X2



X2

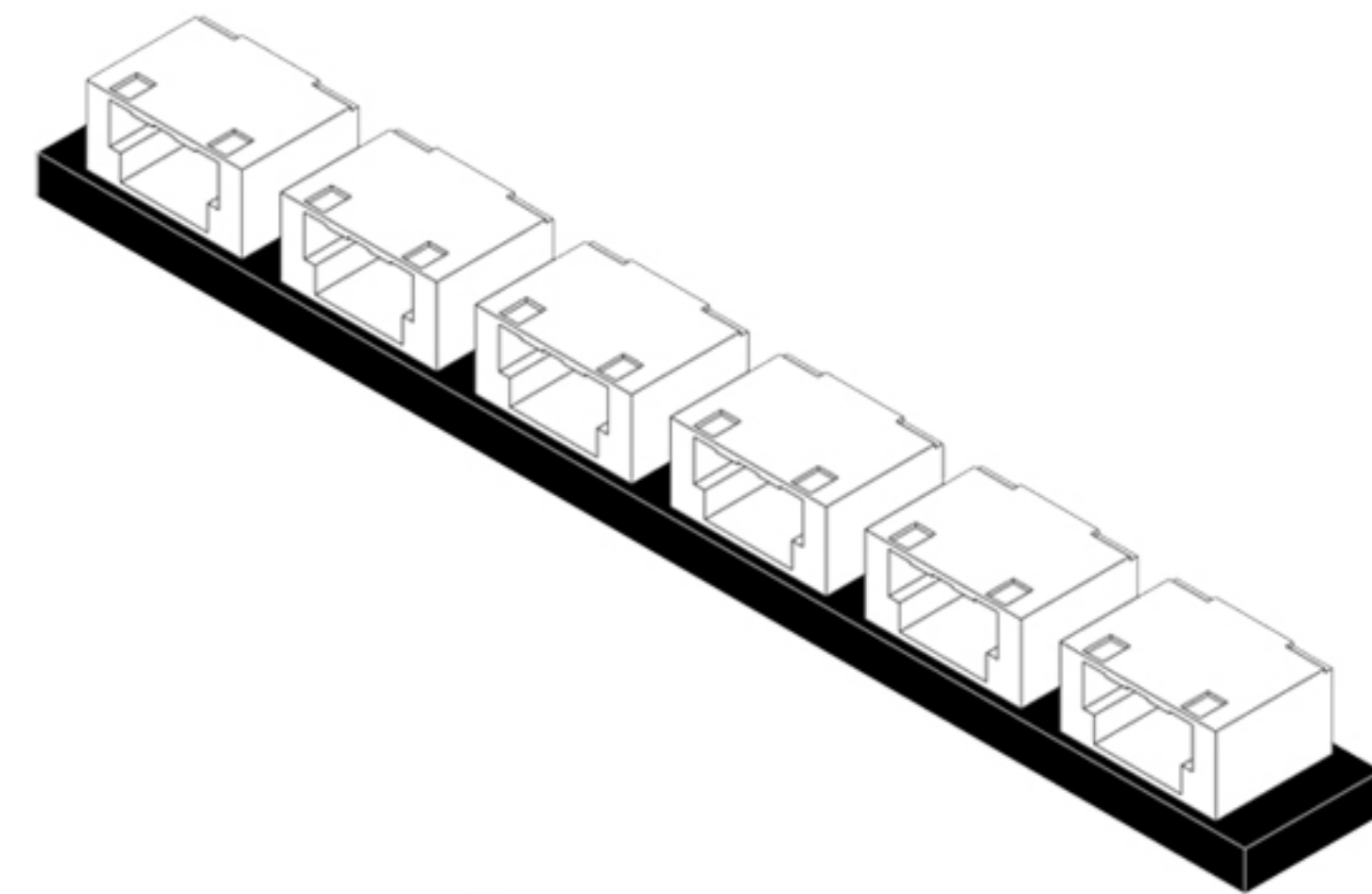
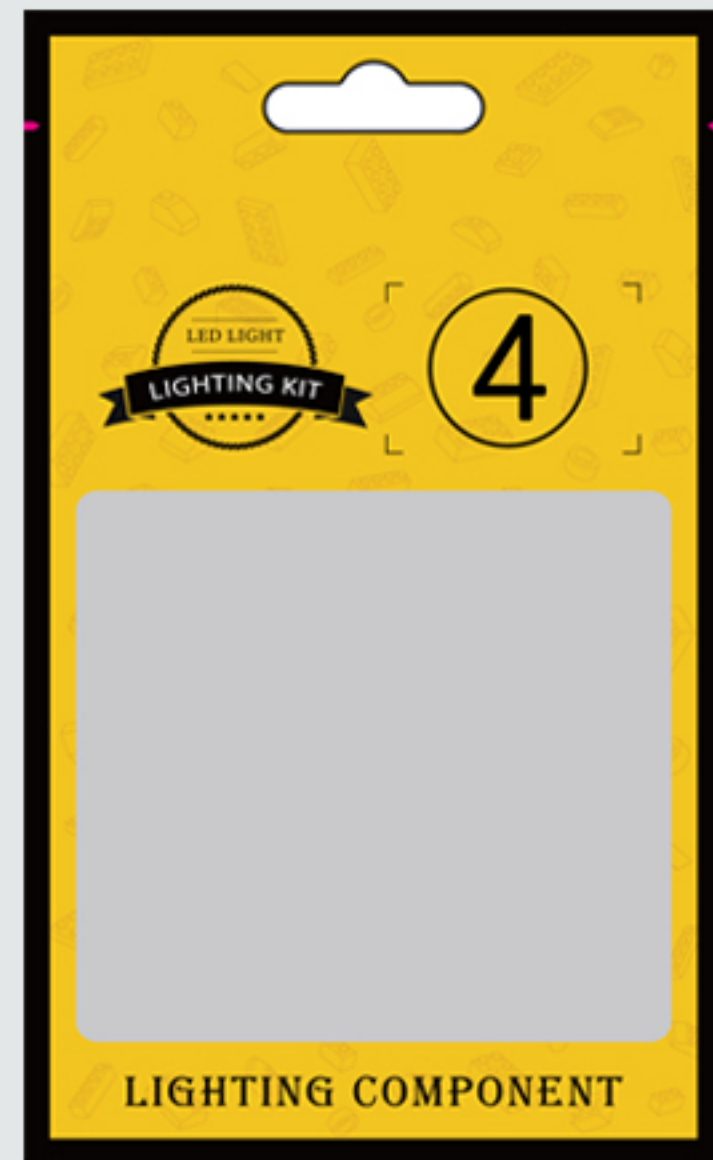


X2

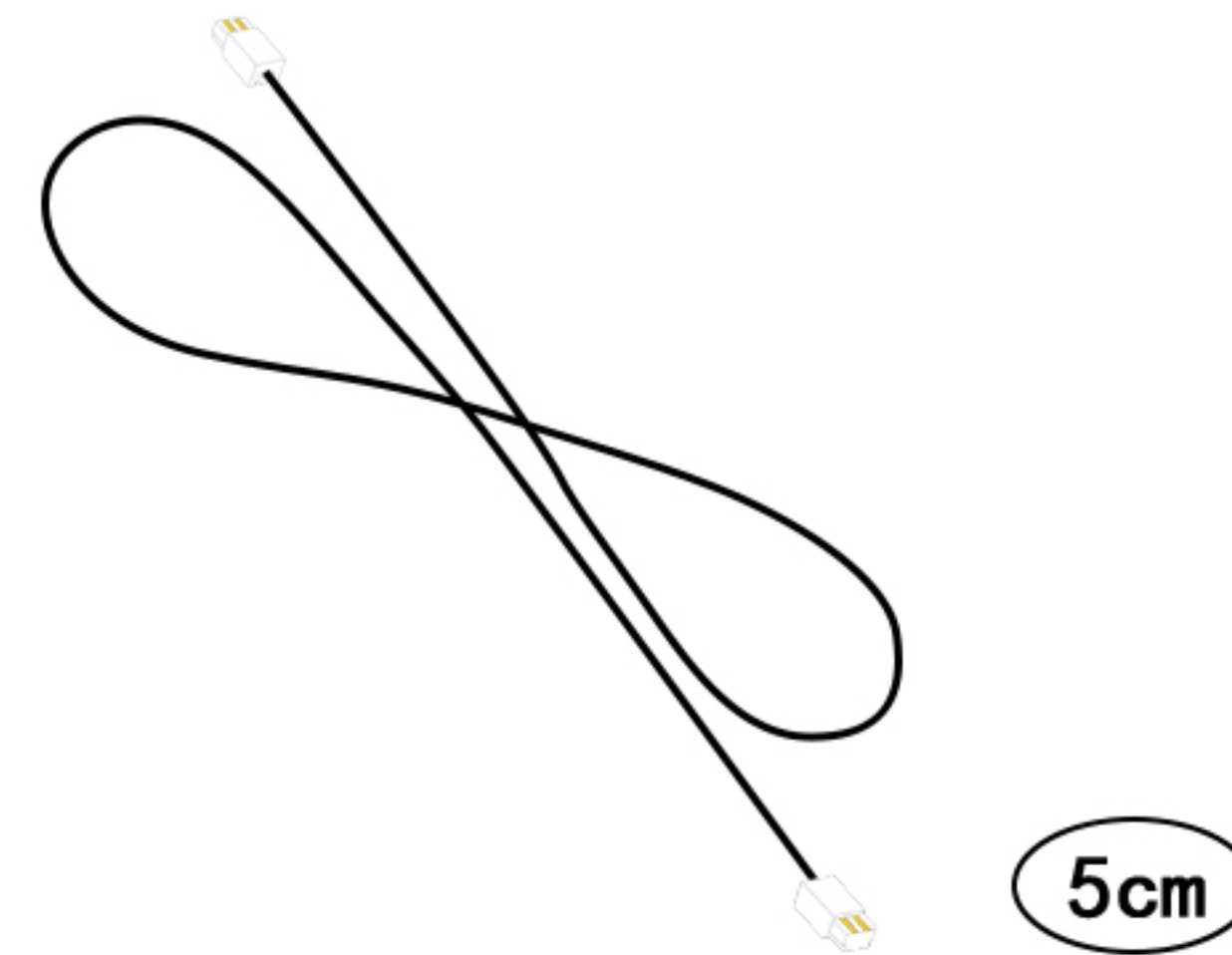


X2

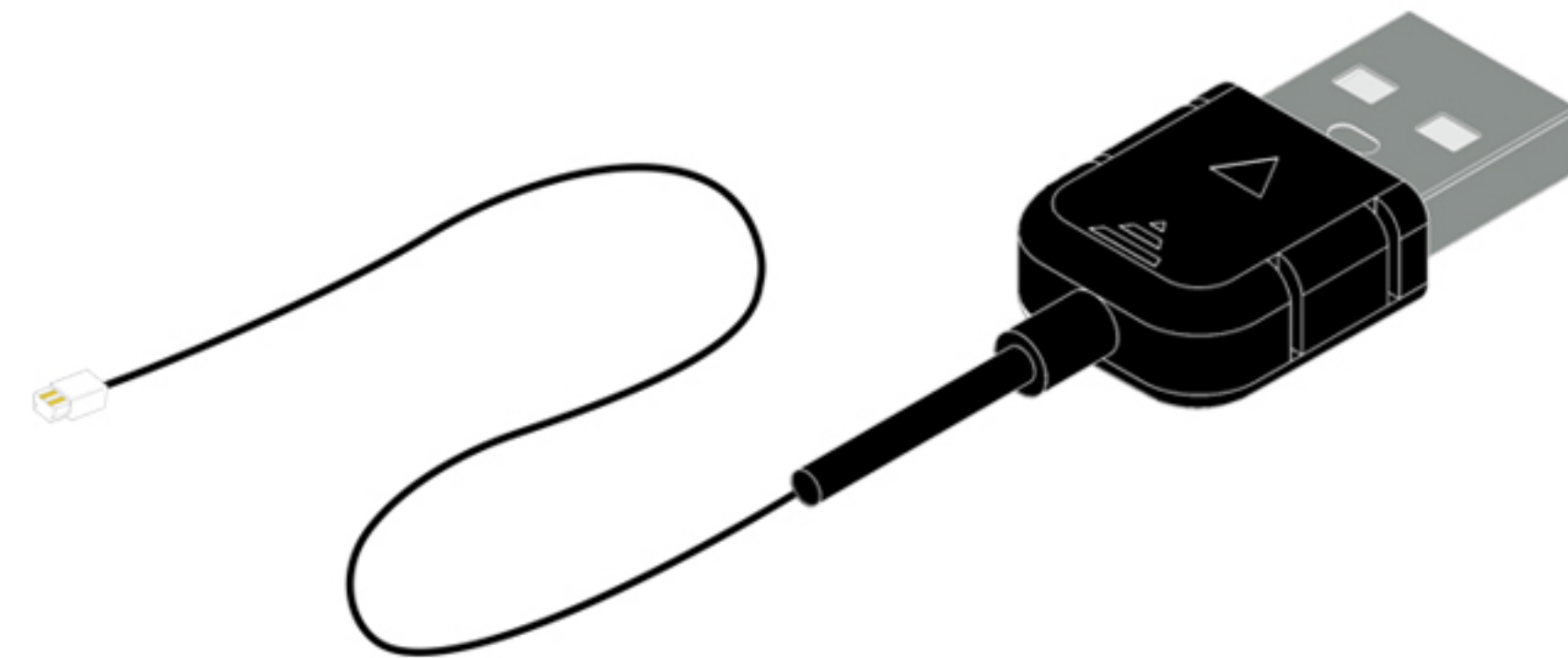
15cm



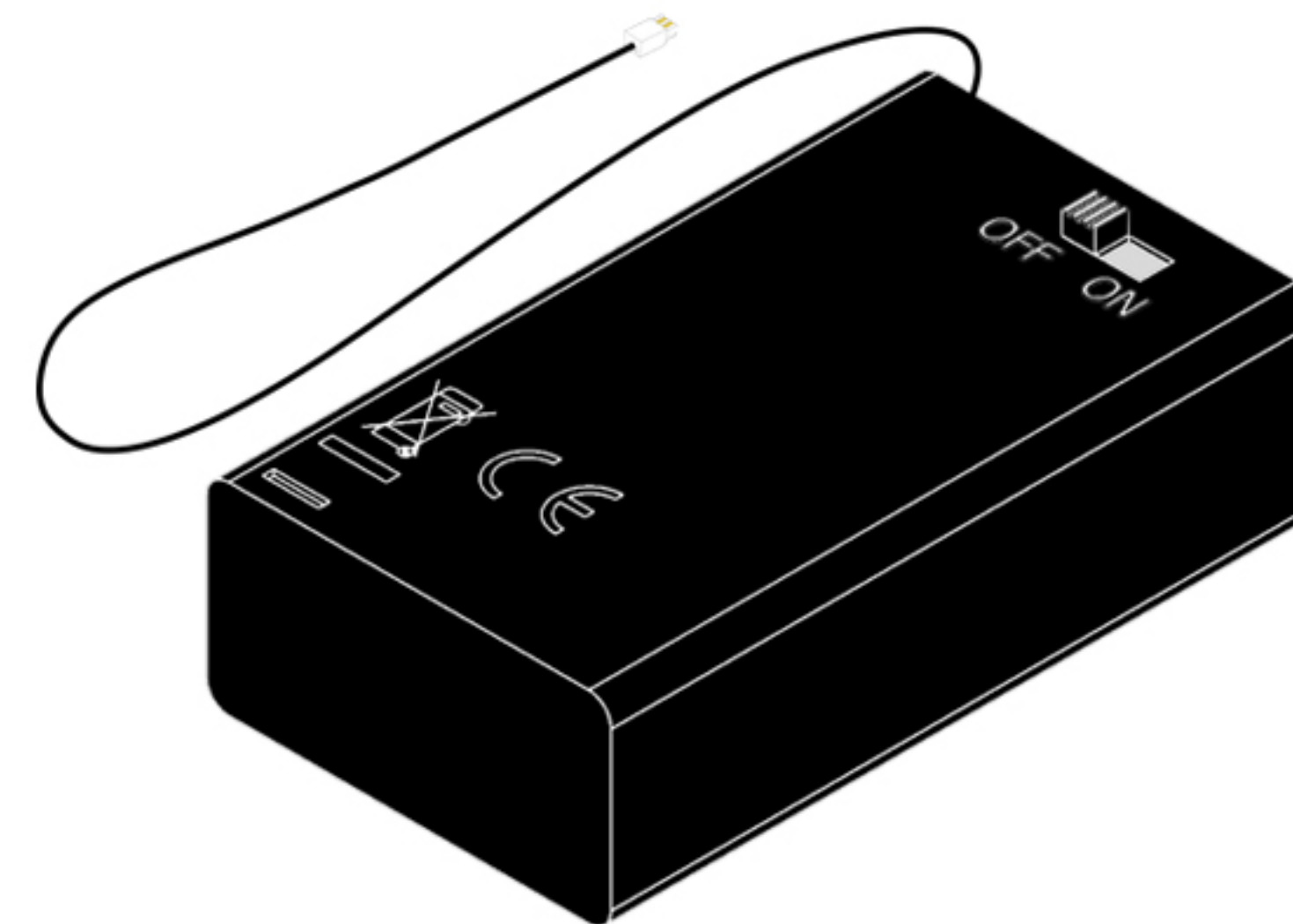
(X1)



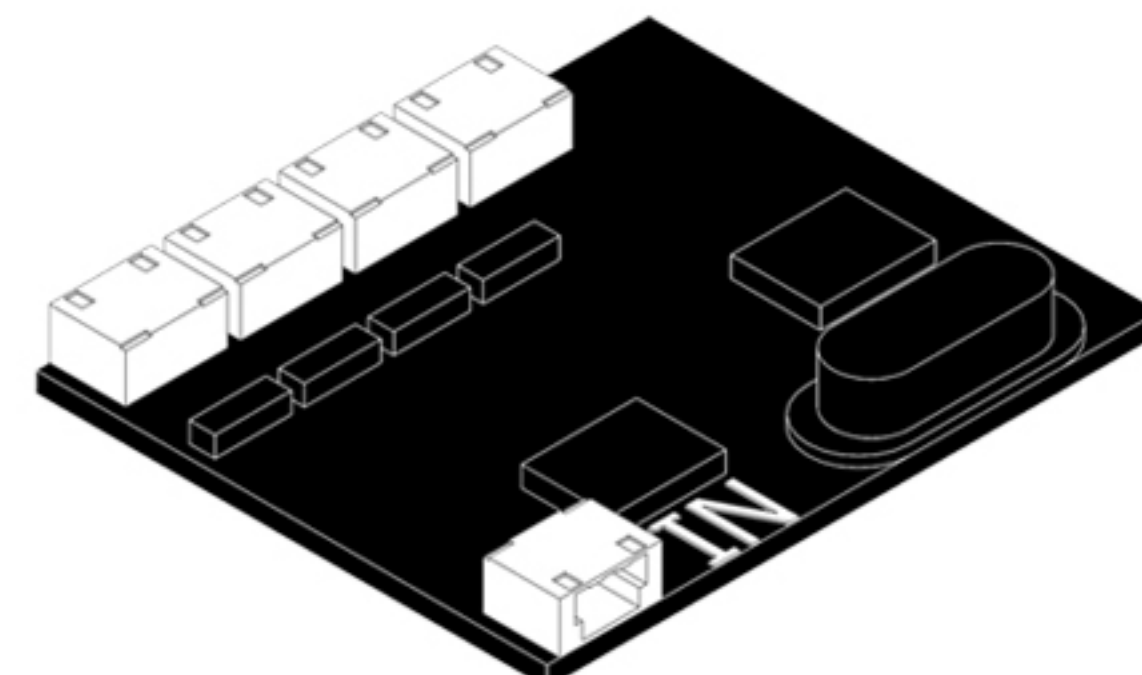
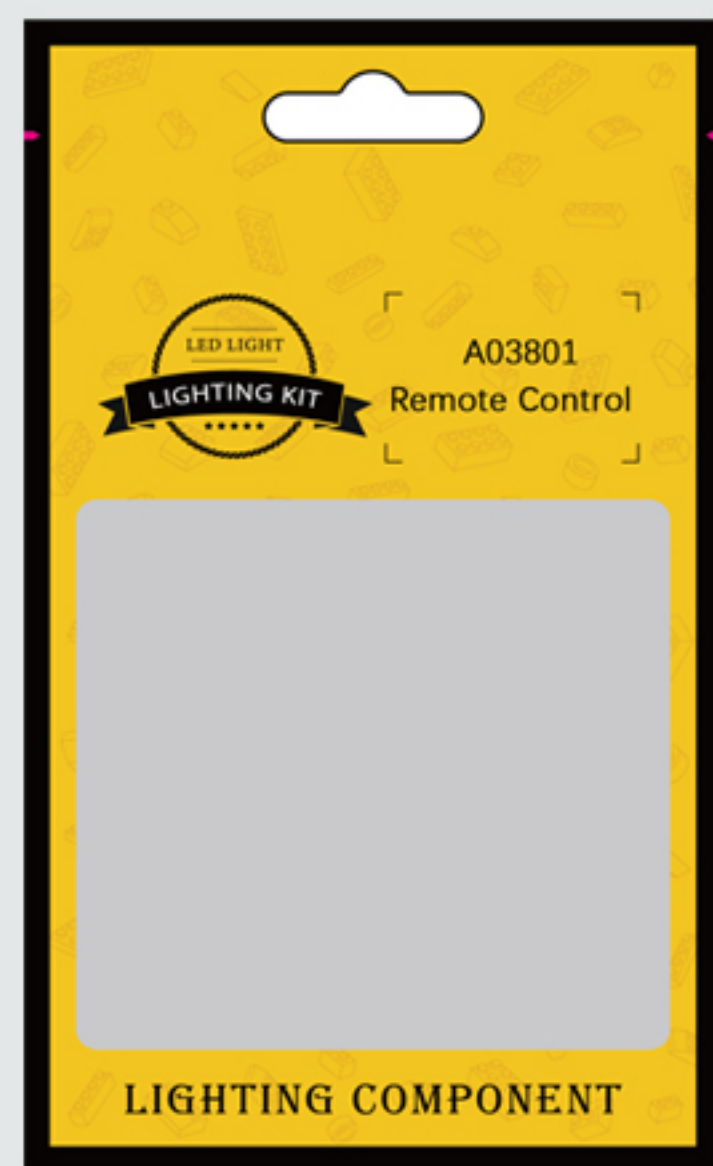
(X1)



(X1)



(X1)



(X1)



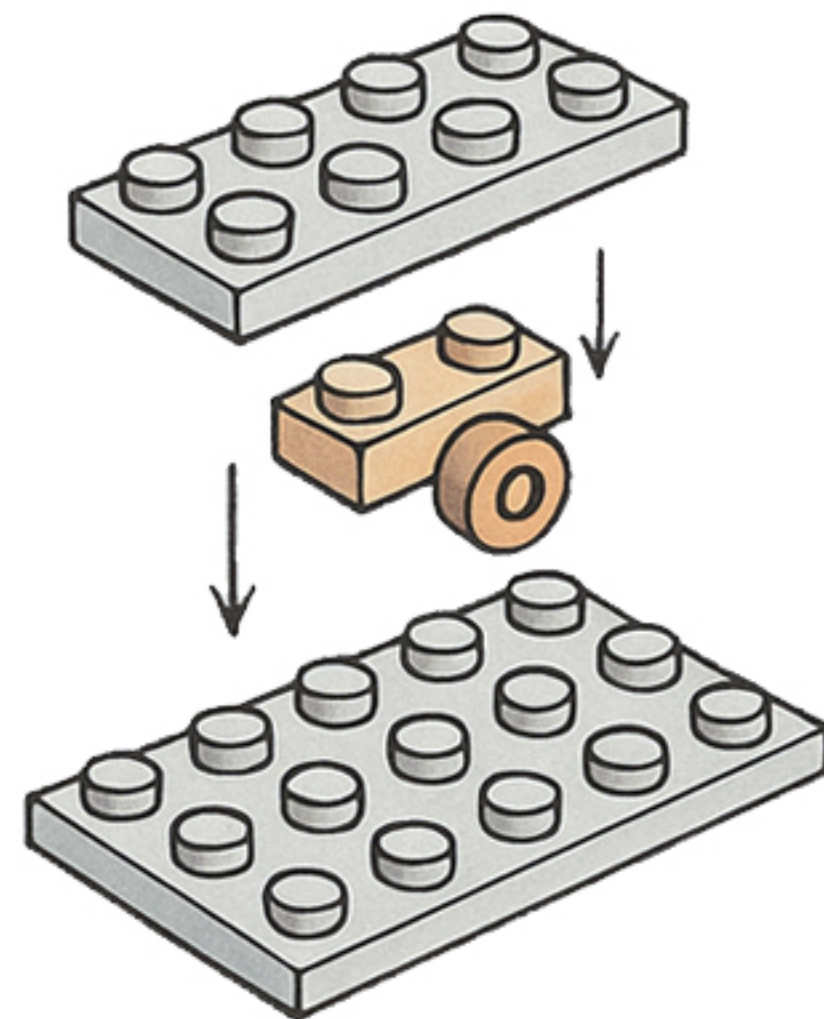
(X1)

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

Step 1-test



Step 2-mounting



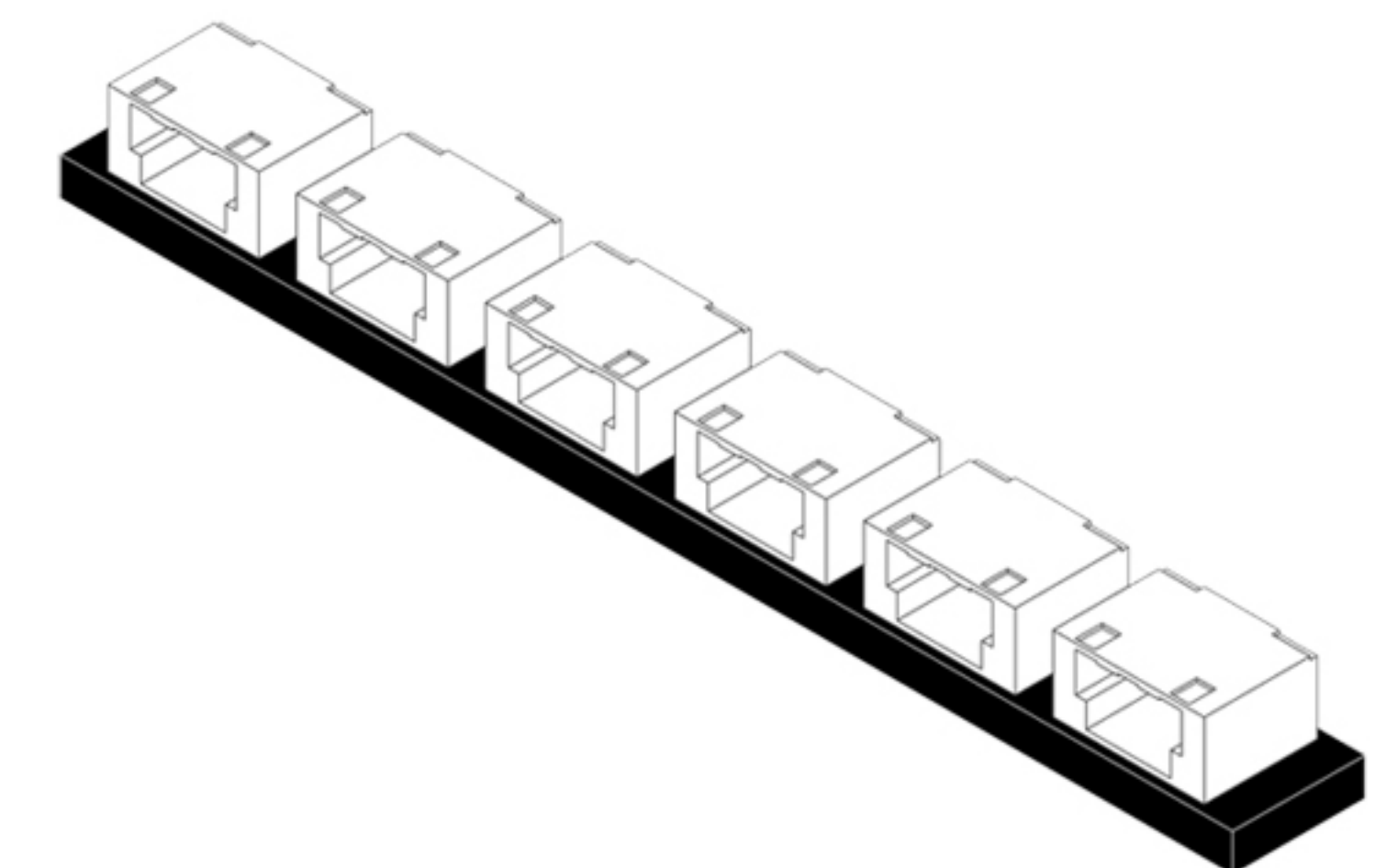
So let's get started!

Step 1-Test.

1

EN: Remove the expansion board from bag #4.

DE: Entnehmen Sie die Erweiterungskarte aus Beutel Nr. 4.

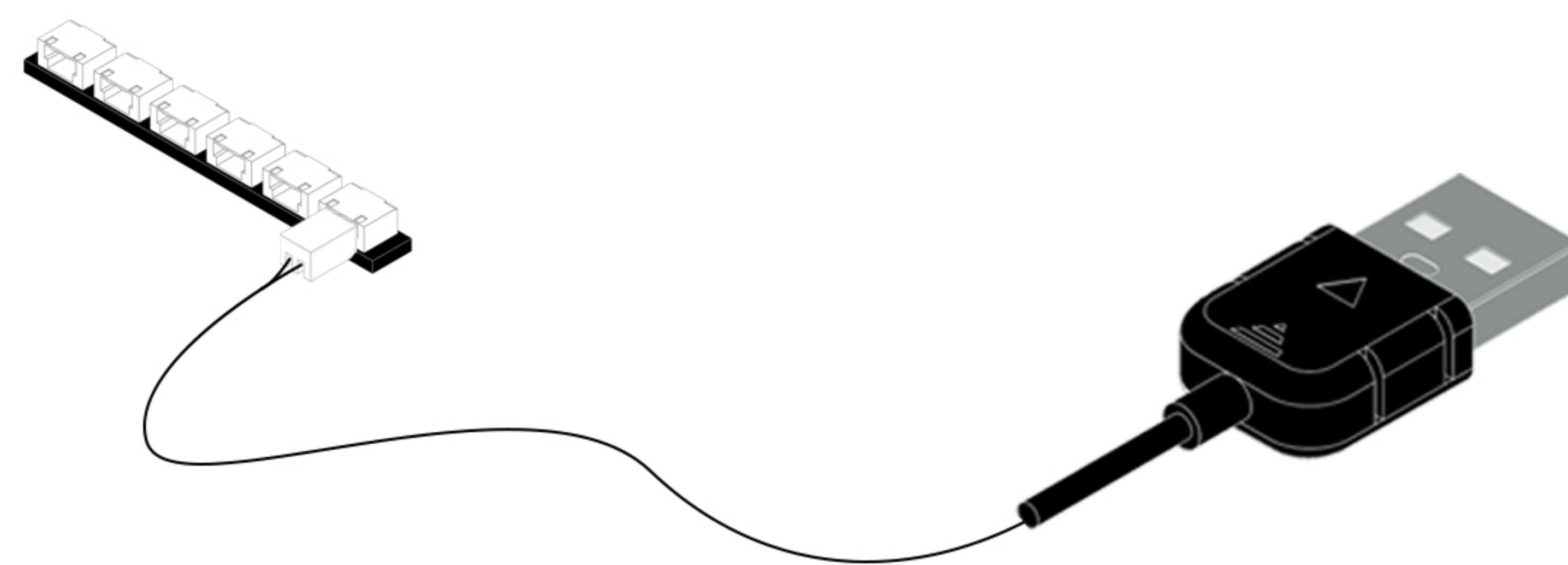
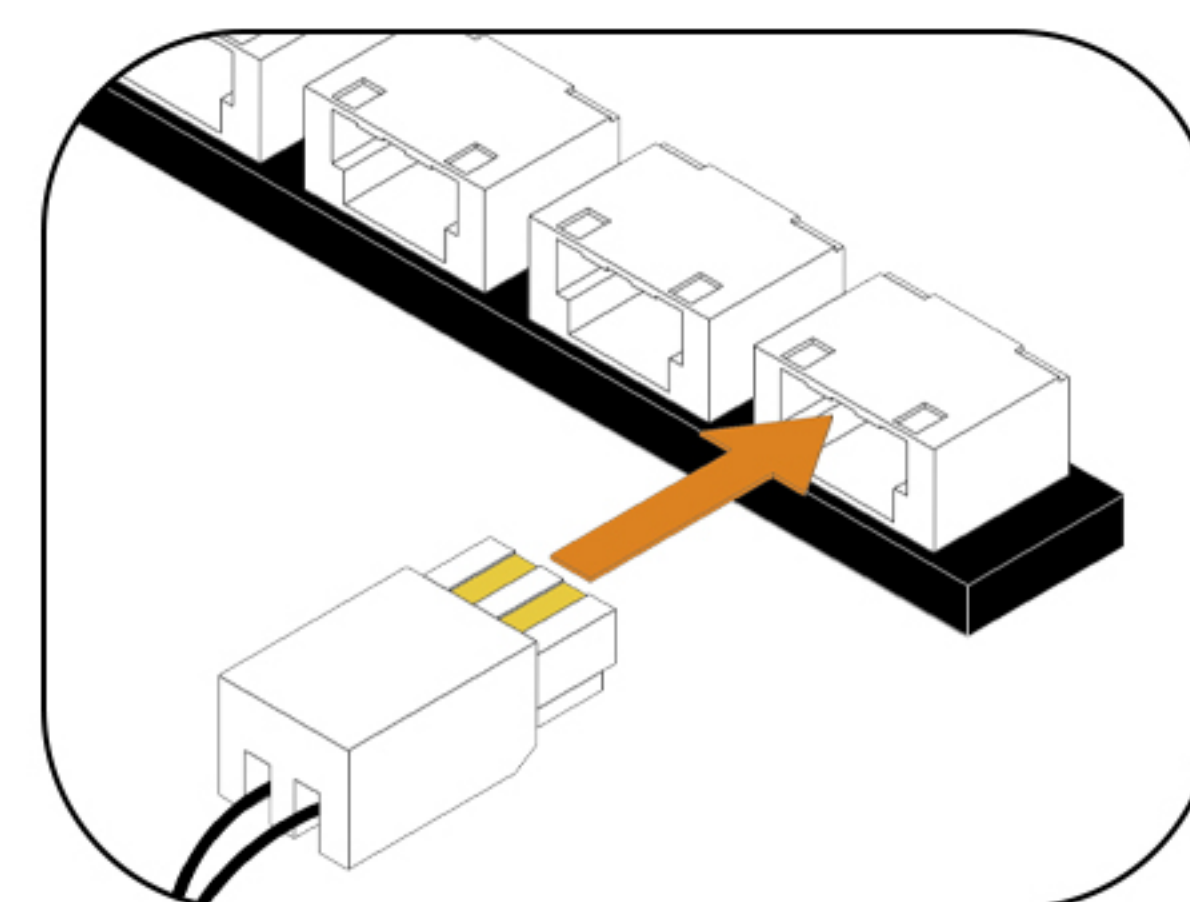
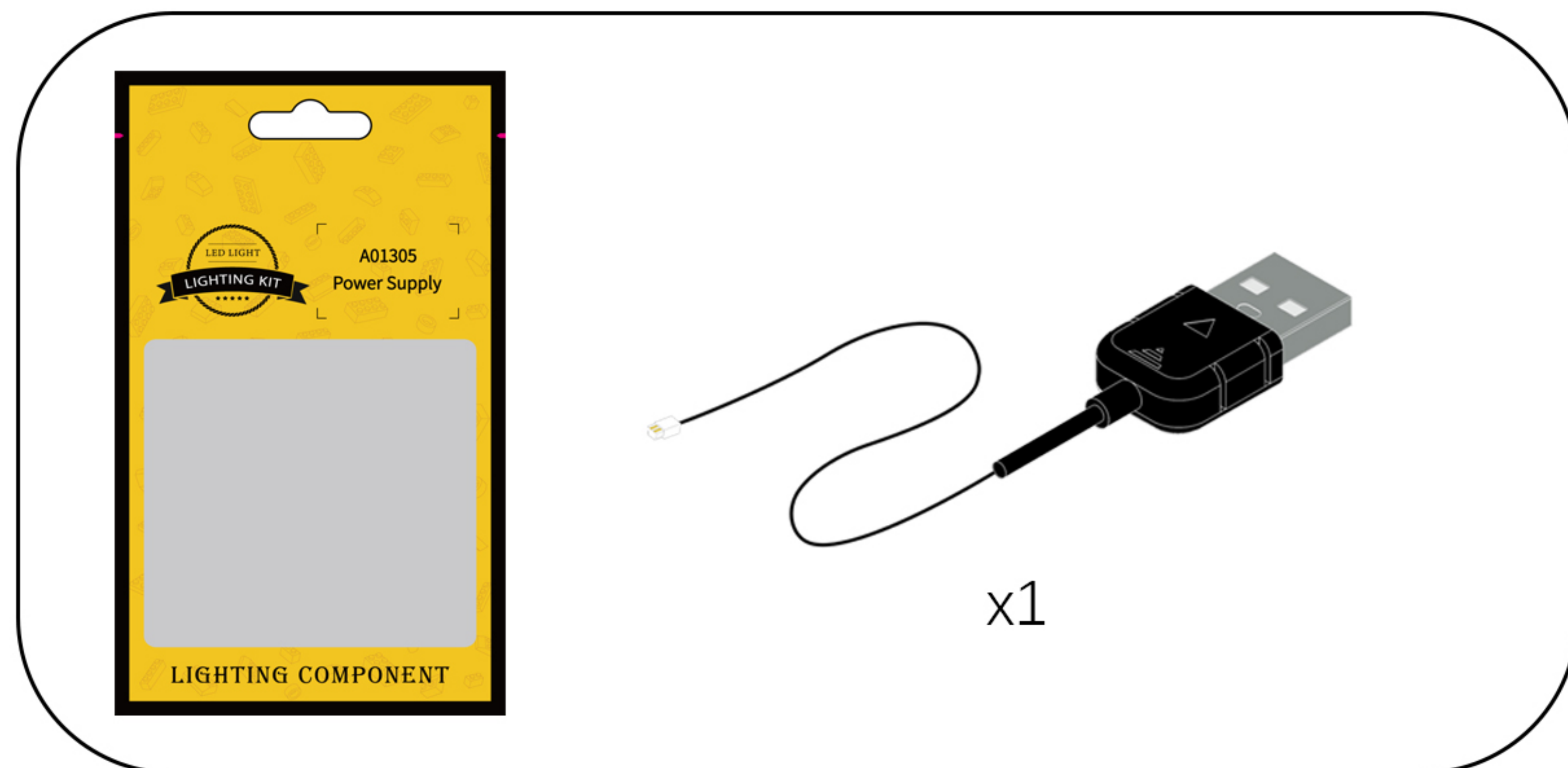


x1

2

EN: Remove the USB power cable from bag A01305 and connect it to the expansion board.

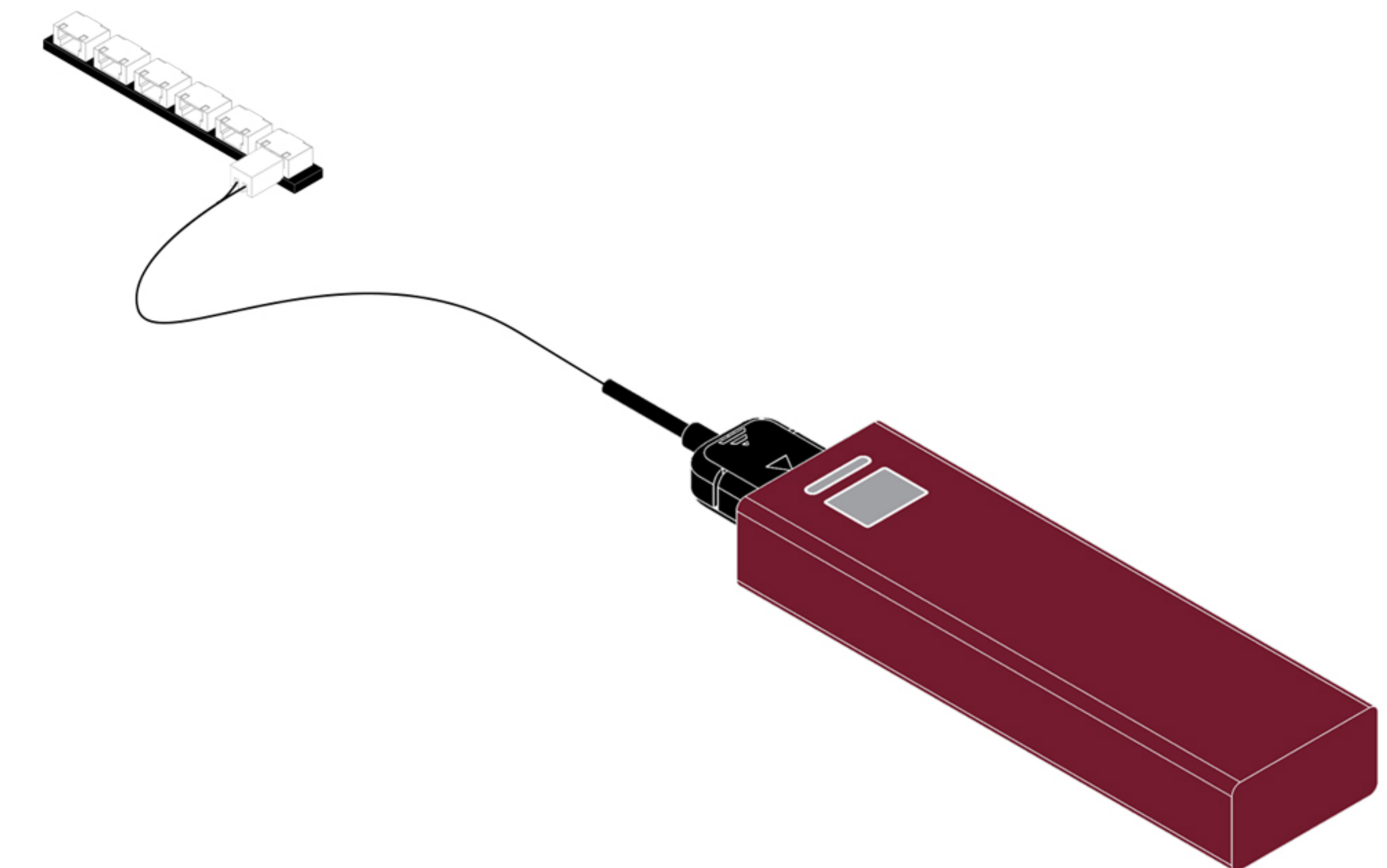
DE: Entfernen Sie das USB-Stromkabel aus der Tasche A01305 und schließen Sie es an die Erweiterungskarte an.



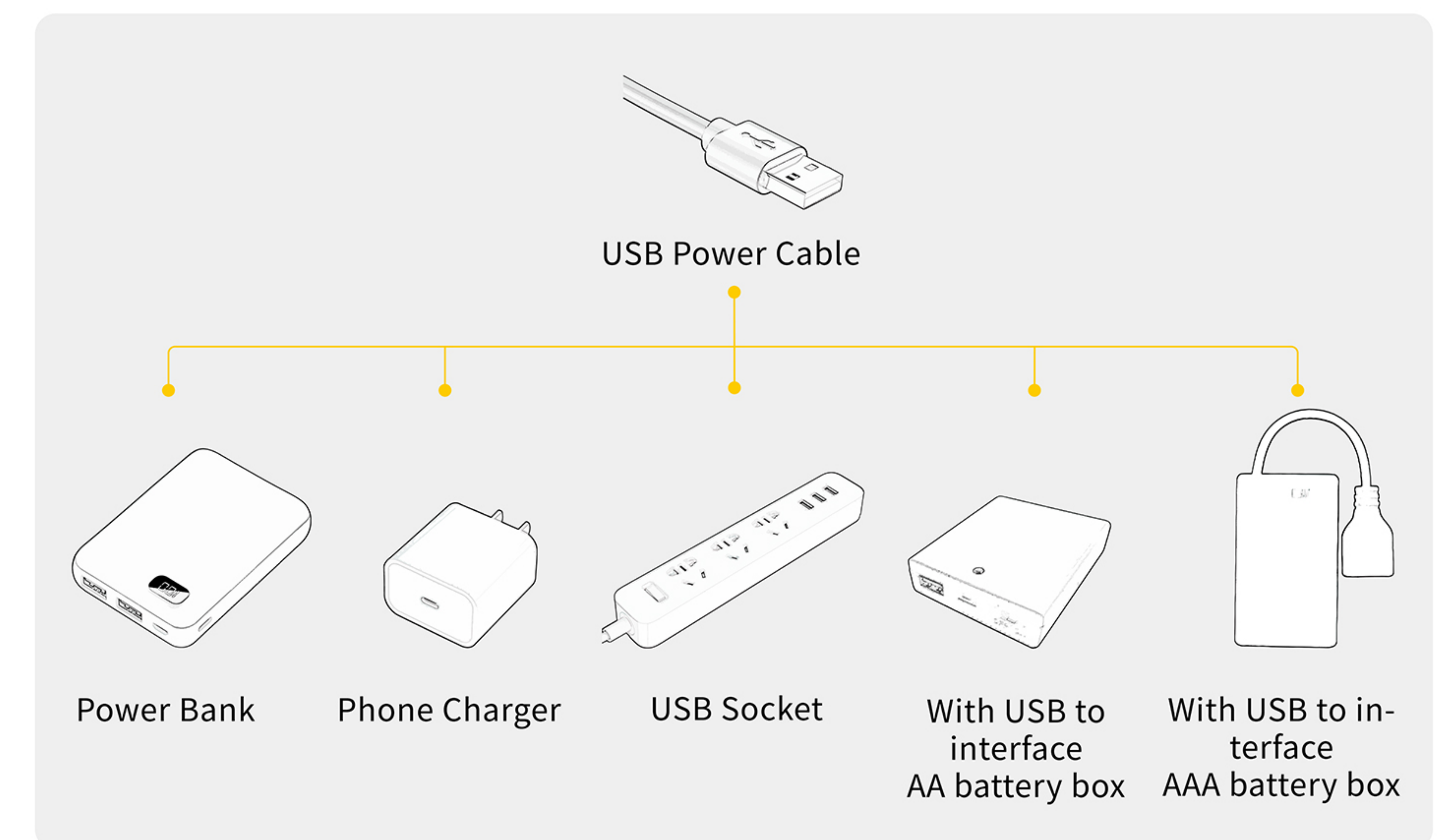
3

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.)



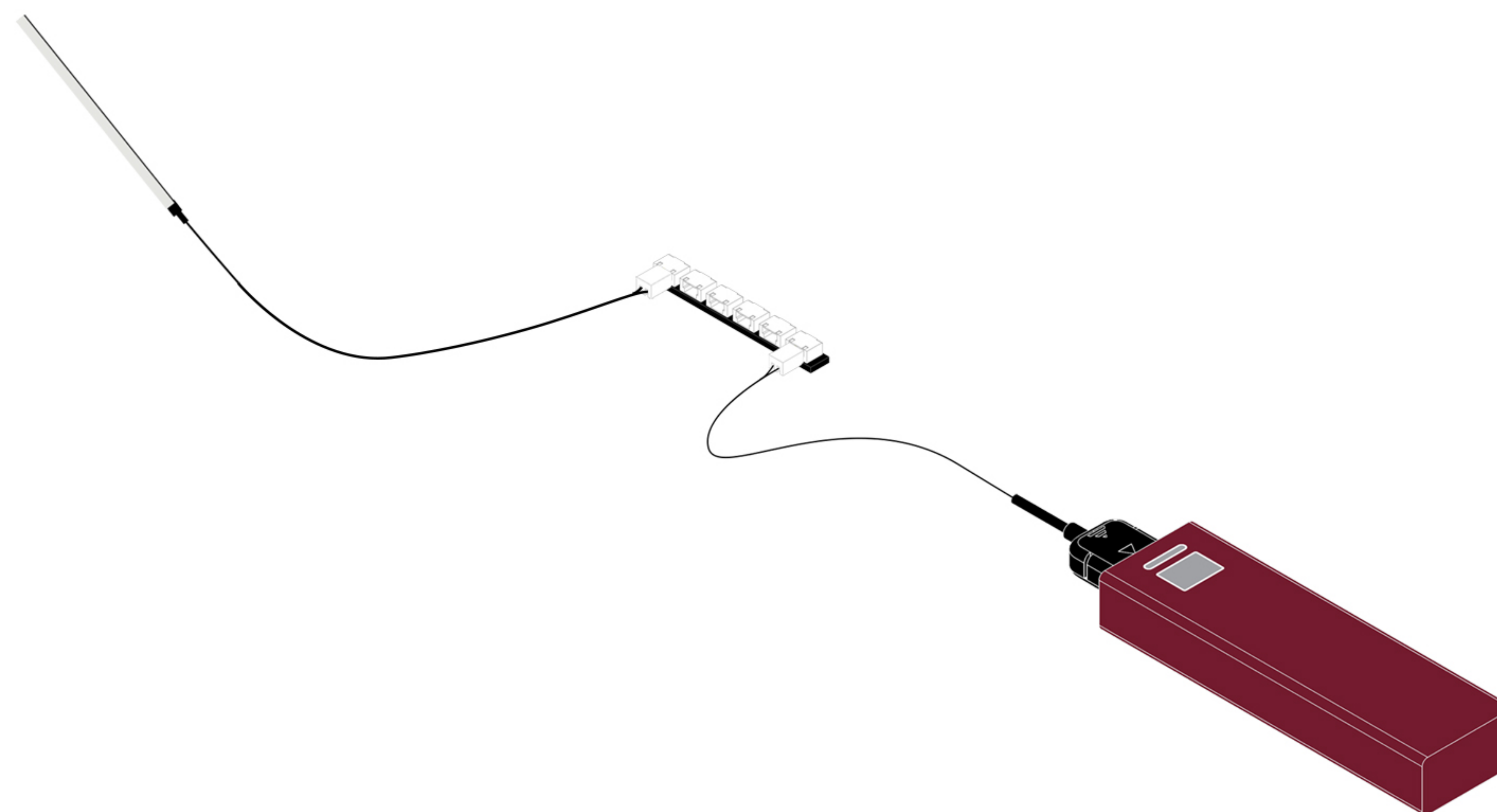
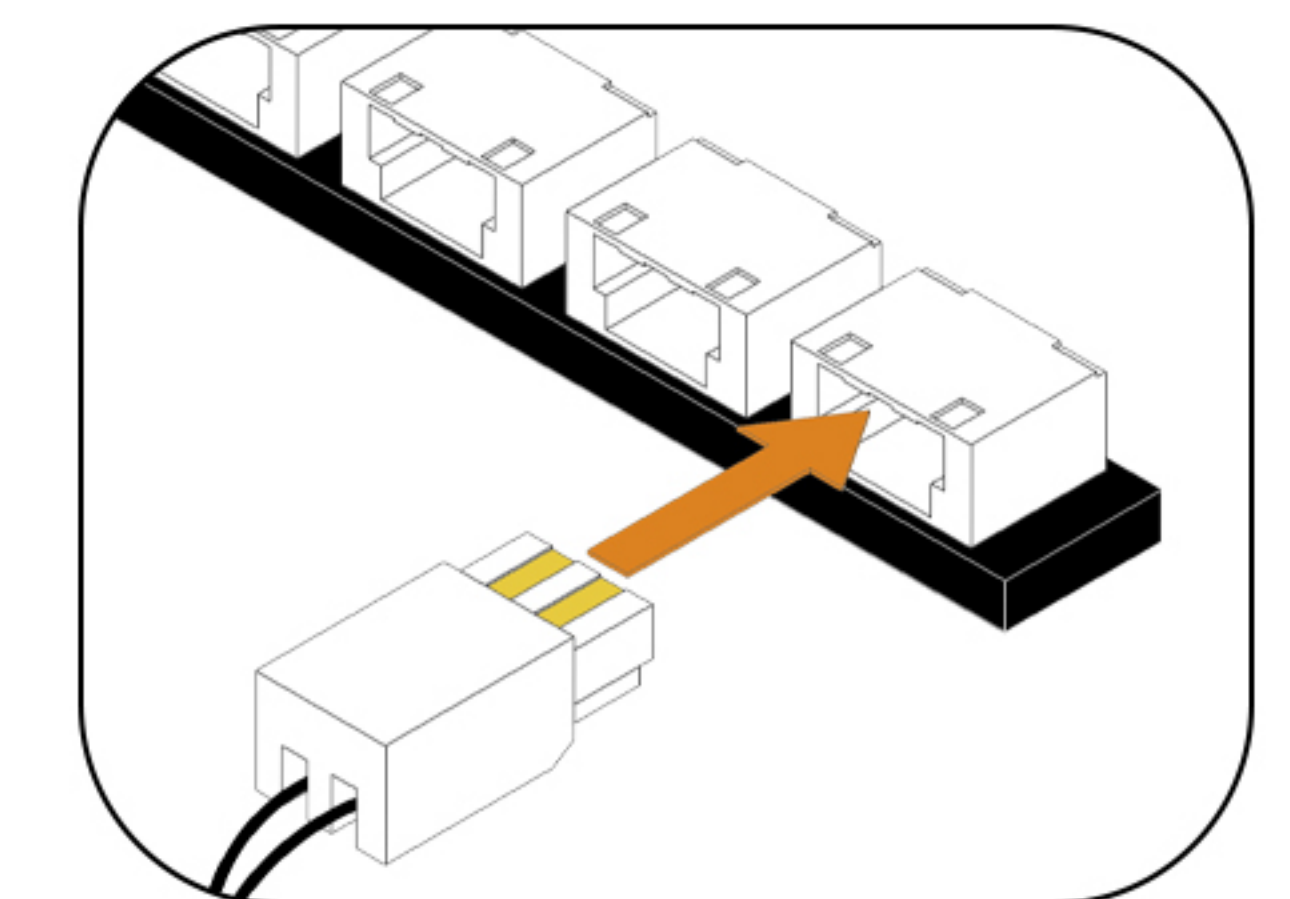
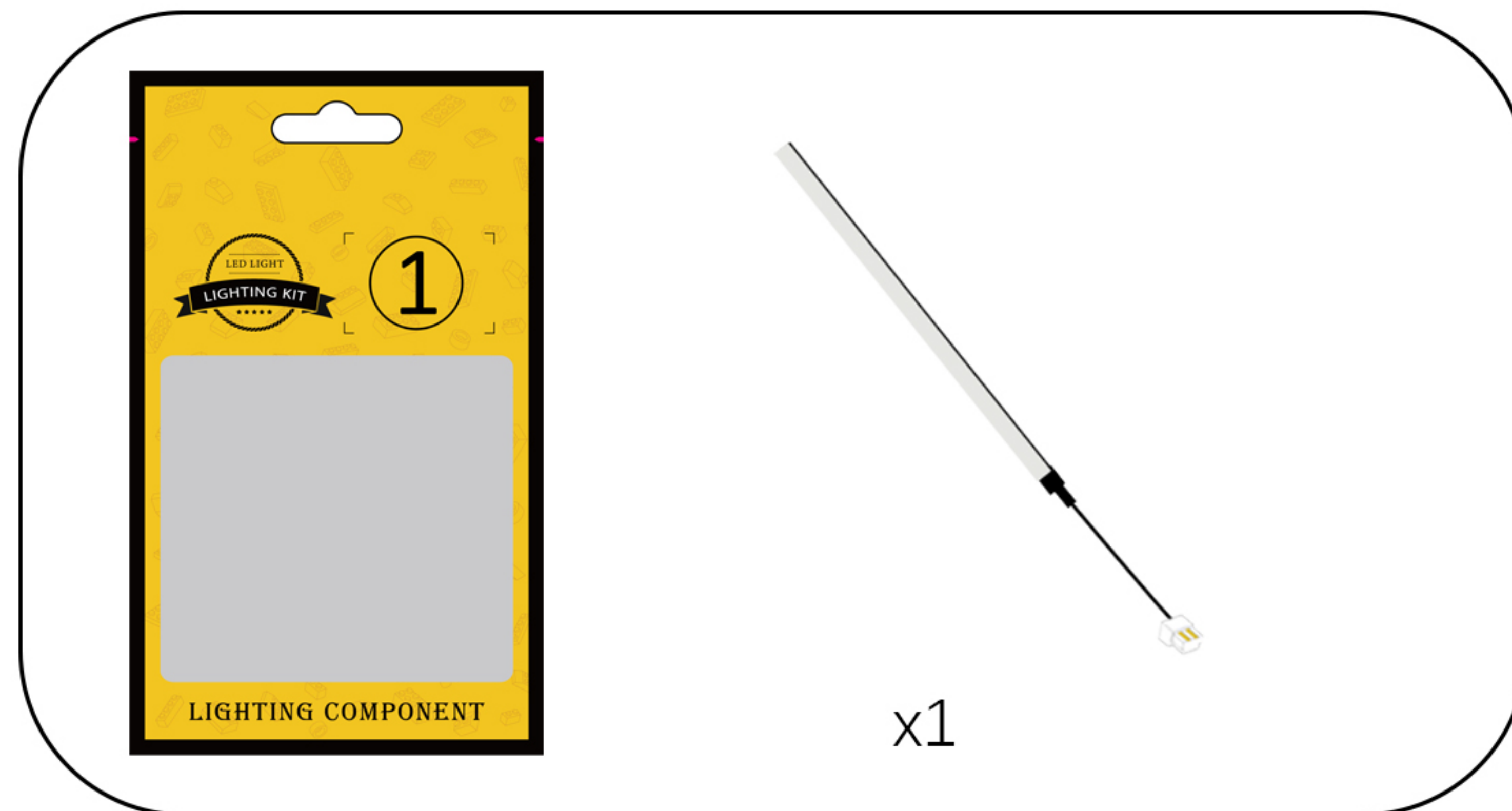
USB Connectors to Connect Devices



4

EN: Remove the COB light strip from Bag No. 1, connect it to the expansion board, turn on the power, and check if the COB light strip is functioning properly. If any abnormalities are detected, please contact us immediately.

DE: Entnehmen Sie den COB-Lichtstreifen aus Beutel Nr. 1, schließen Sie ihn an die Erweiterungskarte an, schalten Sie die Stromversorgung ein und überprüfen Sie, ob der COB-Lichtstreifen ordnungsgemäß funktioniert. Sollten Sie Unregelmäßigkeiten feststellen, kontaktieren Sie uns bitte umgehend.

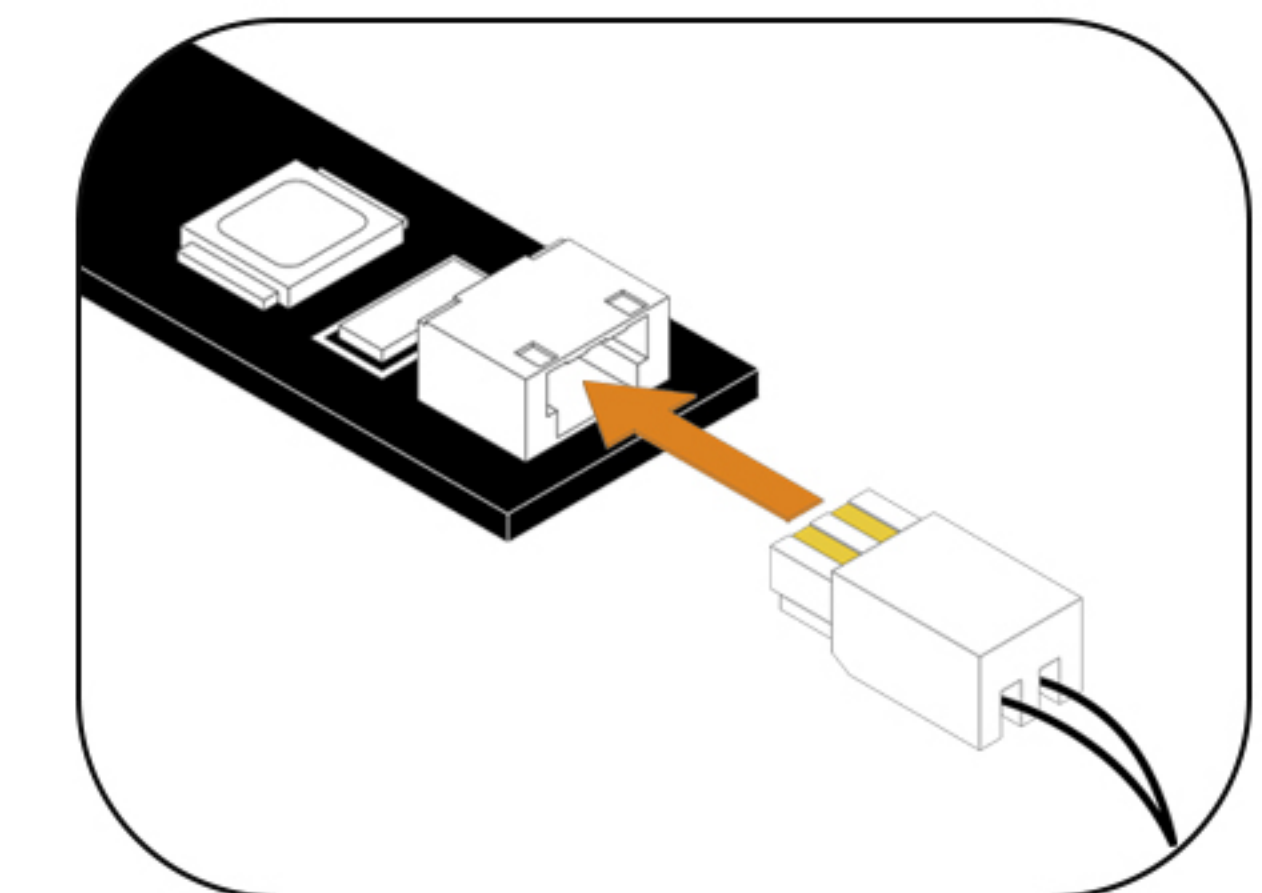
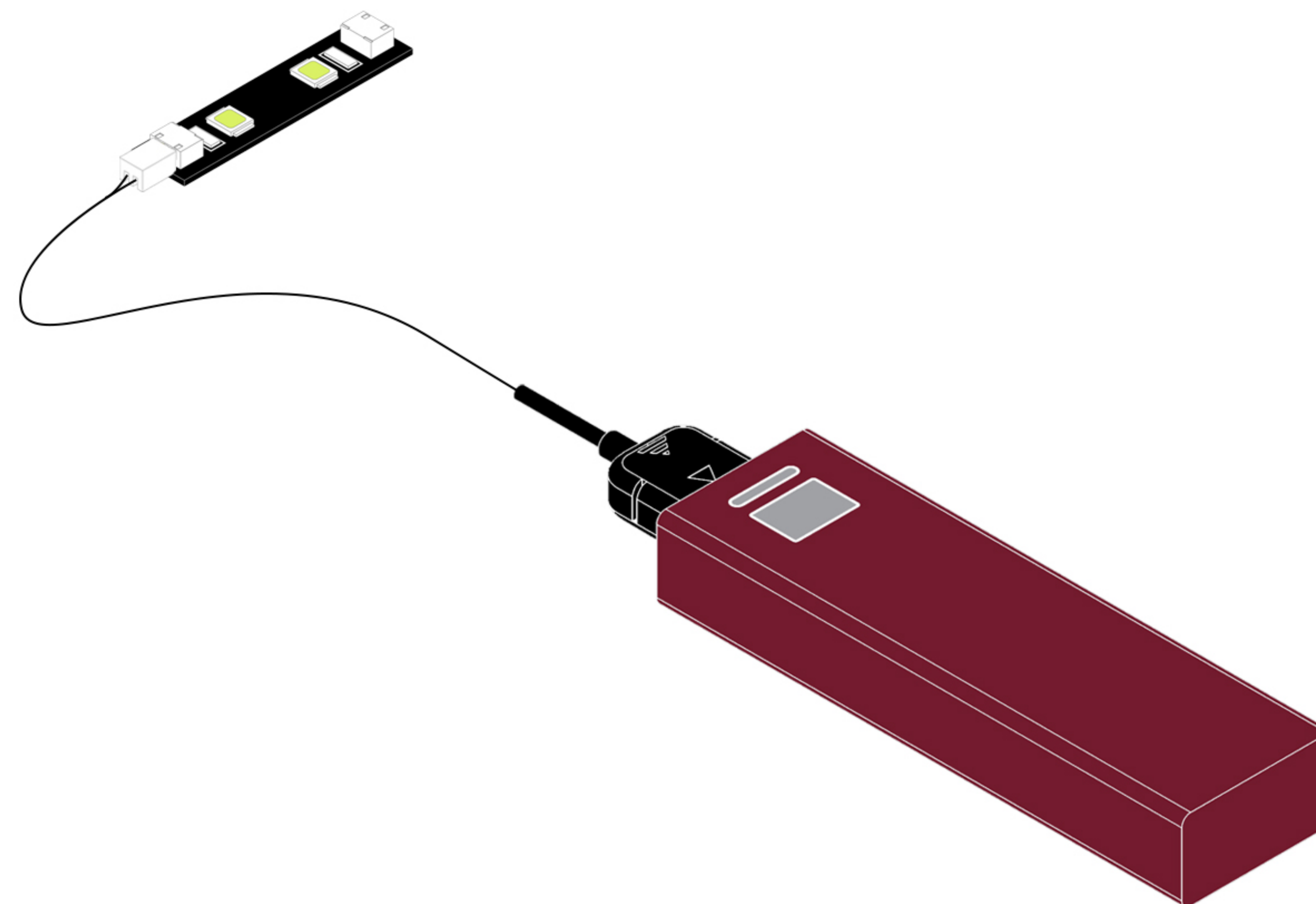
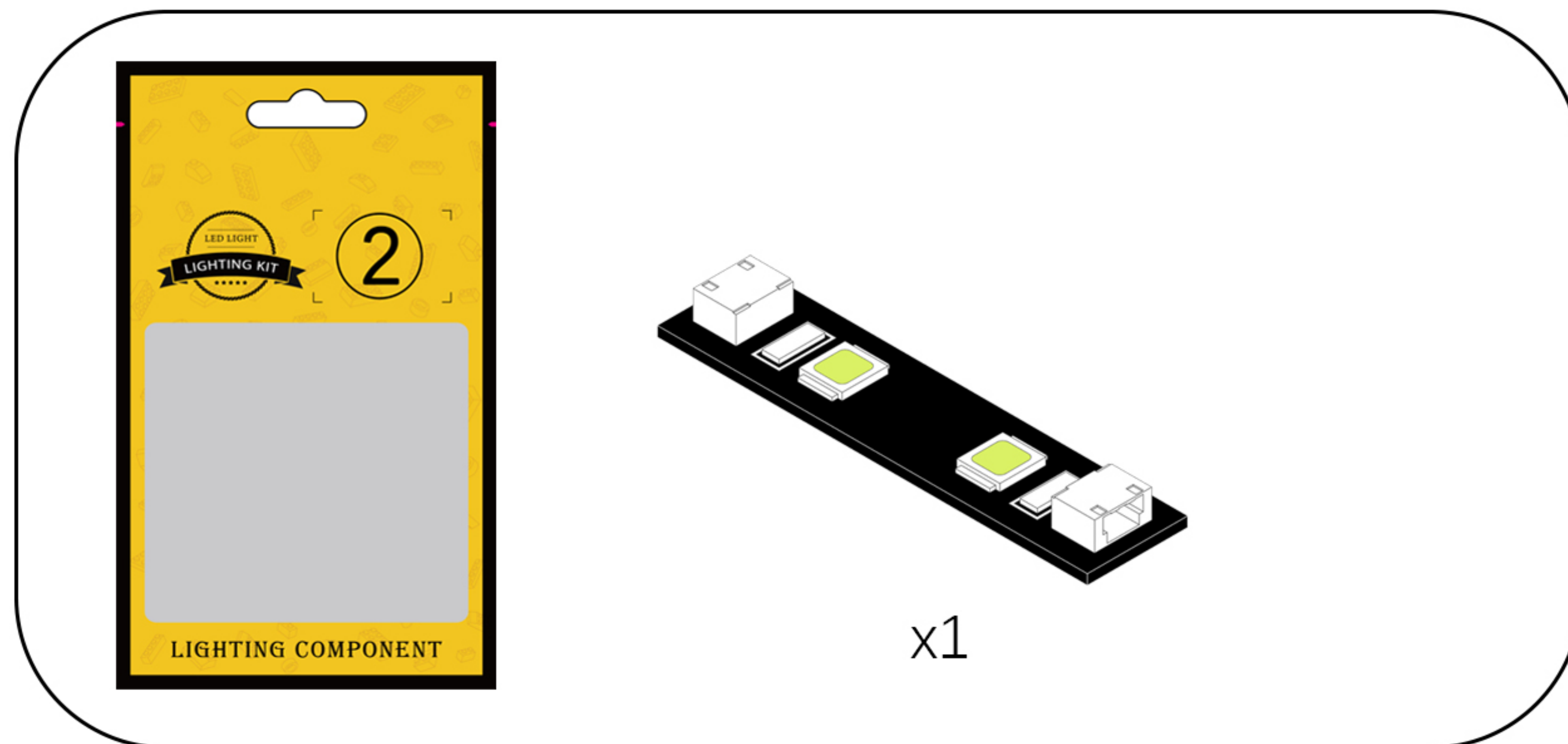


After confirming no abnormalities, first place the COB light strip and expansion board back into their original bag, then proceed to test the lighting fixture.

5

EN: Remove the light set from Bag No. 2, connect it to the USB power cable, turn on the power, and check if the light strip functions properly. If any issues arise, please contact us immediately.

DE: Nehmen Sie das Beleuchtungsset aus Tasche Nr. 2, schließen Sie es an das USB-Netzkabel an, schalten Sie es ein und überprüfen Sie, ob der Lichtstreifen ordnungsgemäß funktioniert. Bei Problemen wenden Sie sich bitte umgehend an uns.



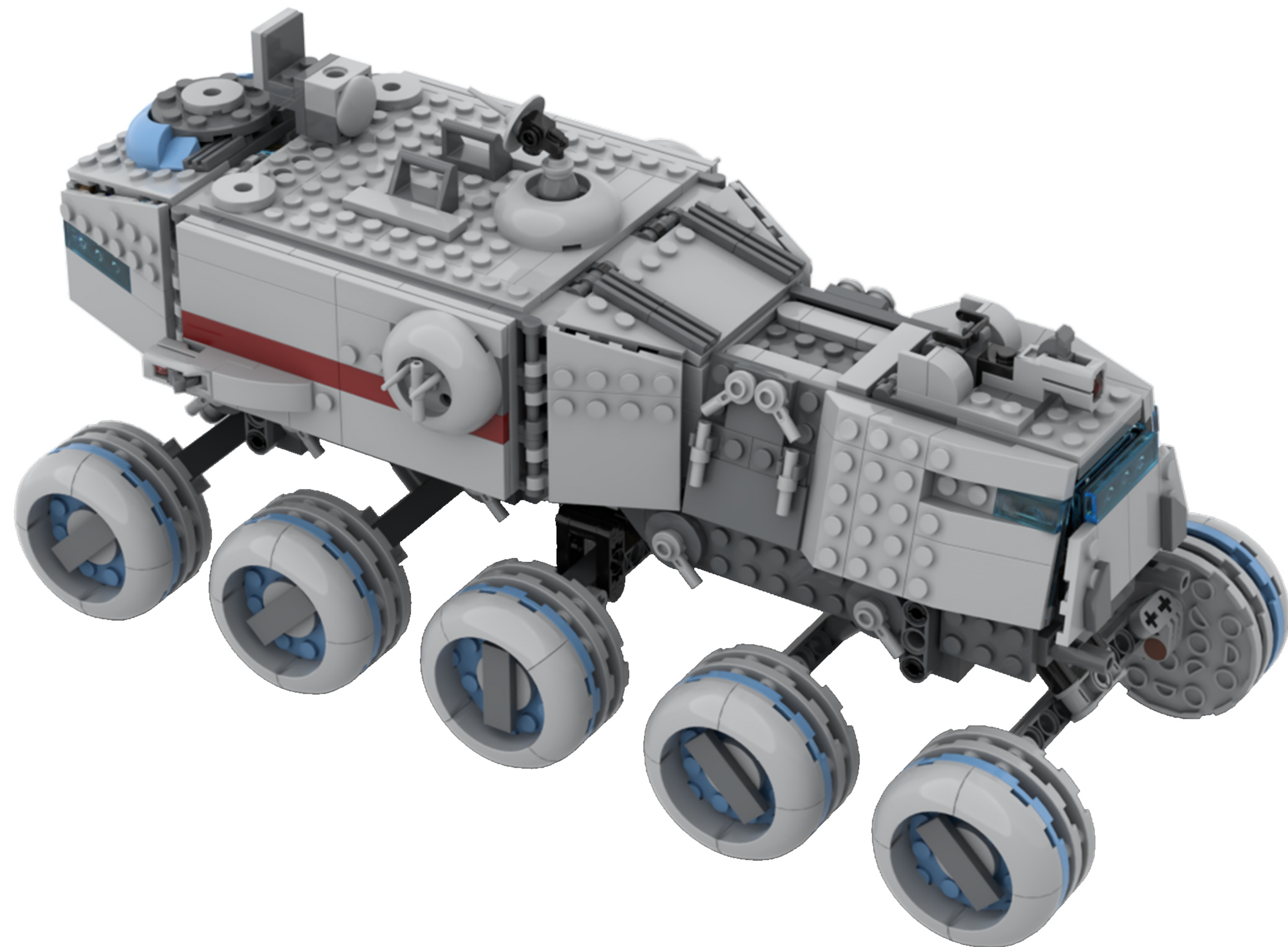
After confirming that there are no abnormalities, temporarily return each part to its original bag.

Step 2-Mounting.

1

EN: Take out the building block model.

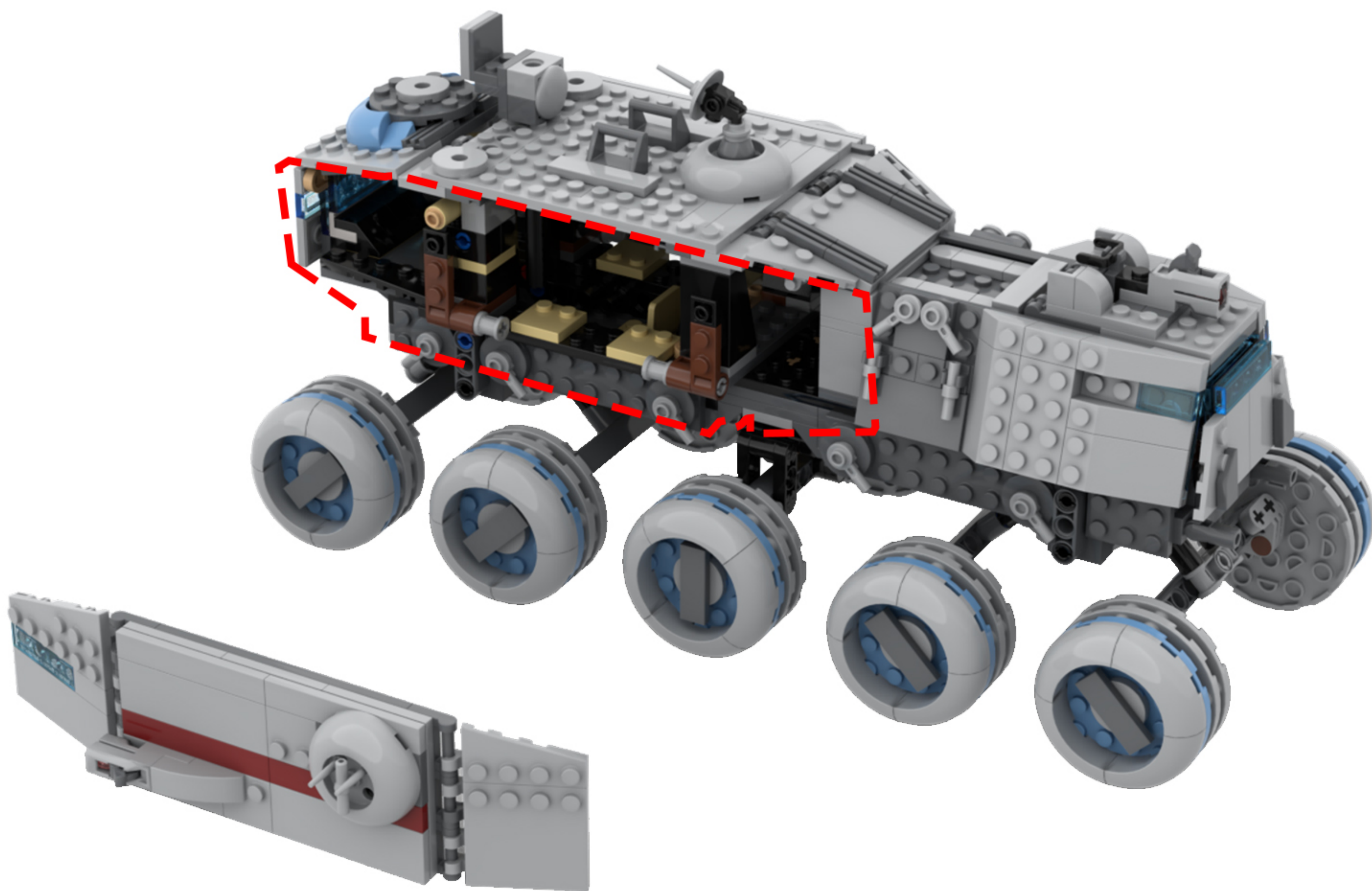
DE: Nimm das Bauklotzmodell heraus.



2

EN: Split as shown in the figure.

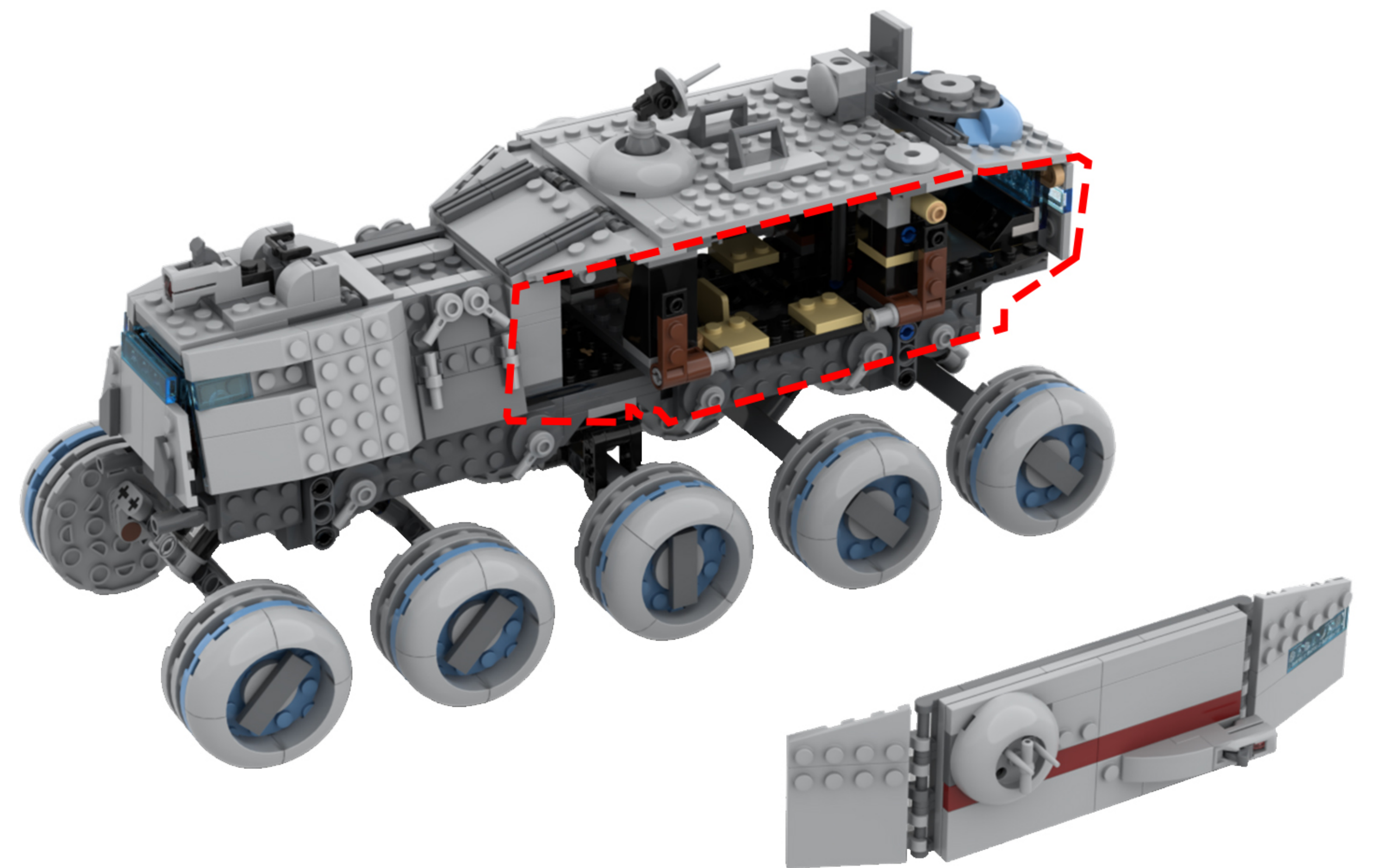
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



3

EN: Rotate the model to the other side and split it as shown.

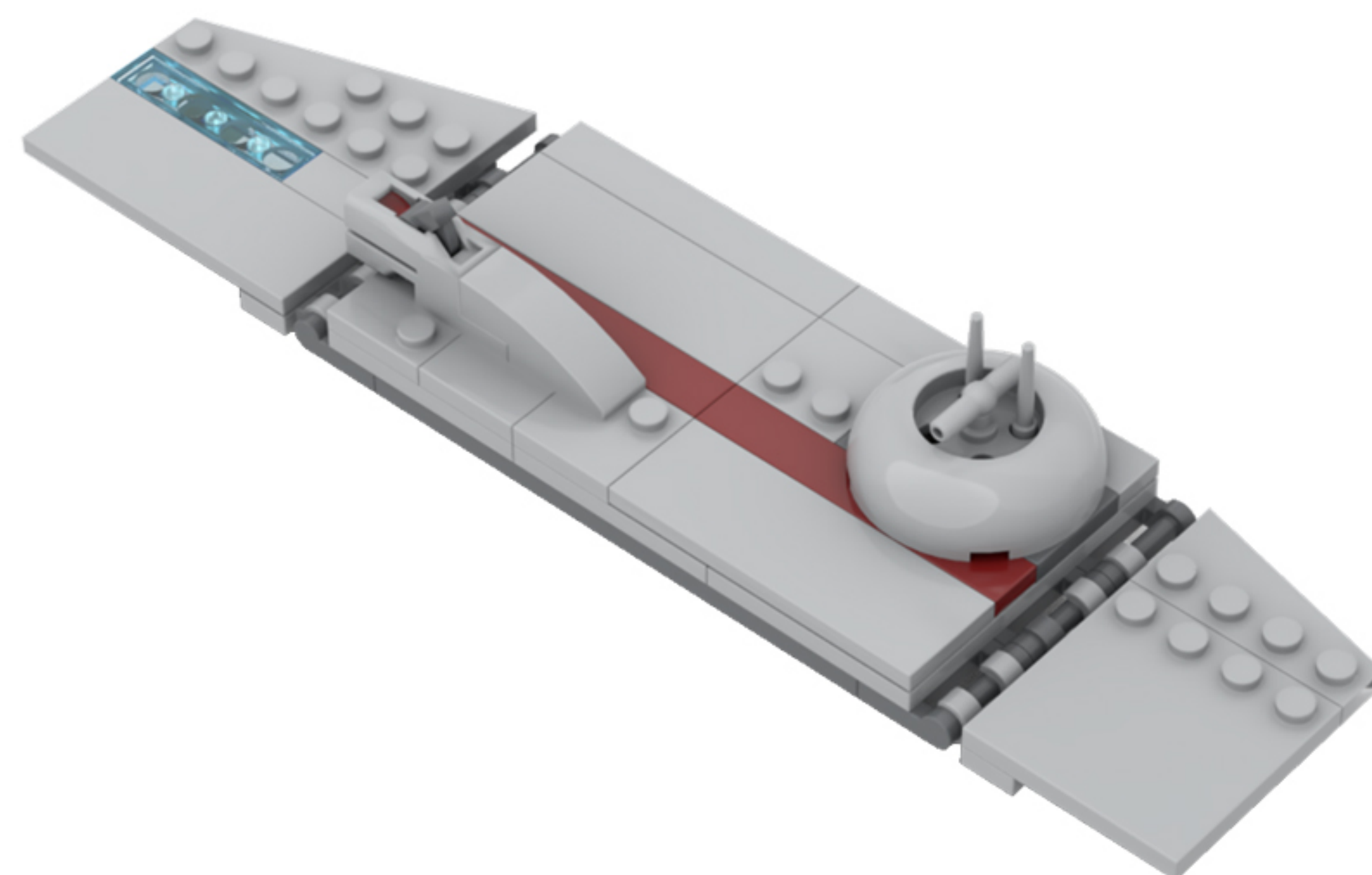
DE: Drehen Sie das Modell auf die andere Seite und teilen Sie es wie abgebildet.



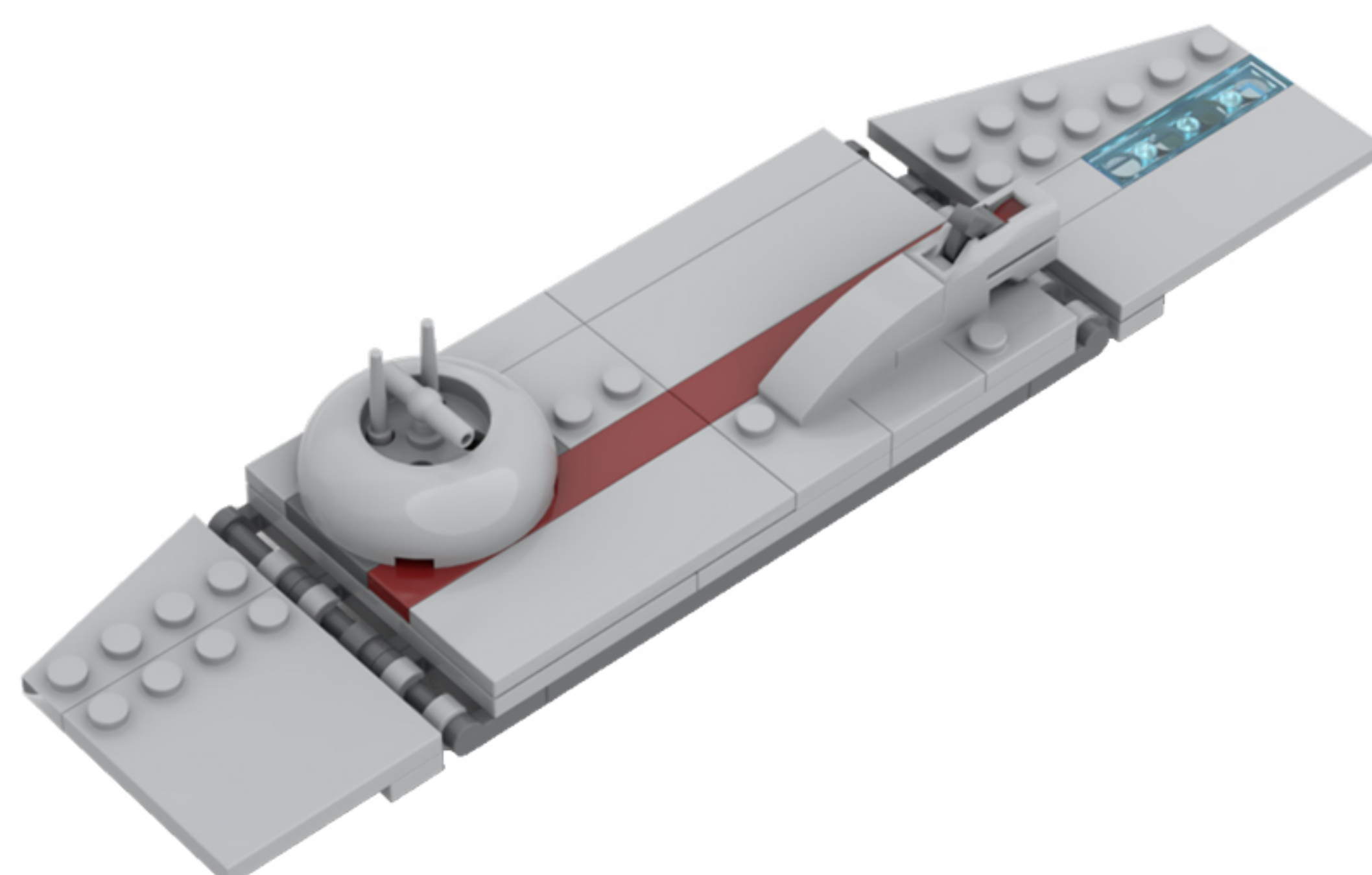
4

EN: Take out the disassembled building blocks.

DE: Nehmen Sie die zerlegten Bausteine heraus.



x1

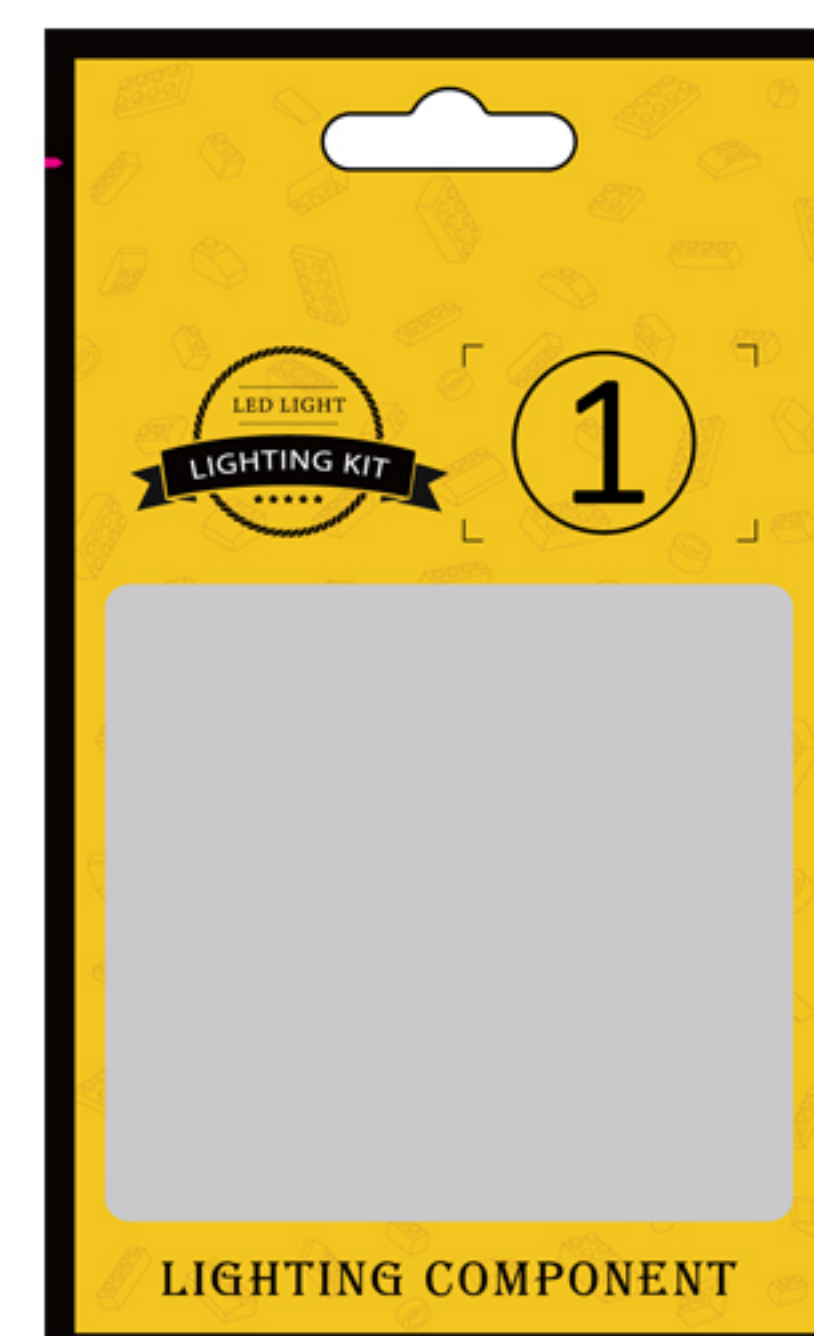


x1

5

EN: Remove the COB light strip from Bag 1, peel off the adhesive backing, and attach it to the indicated location.

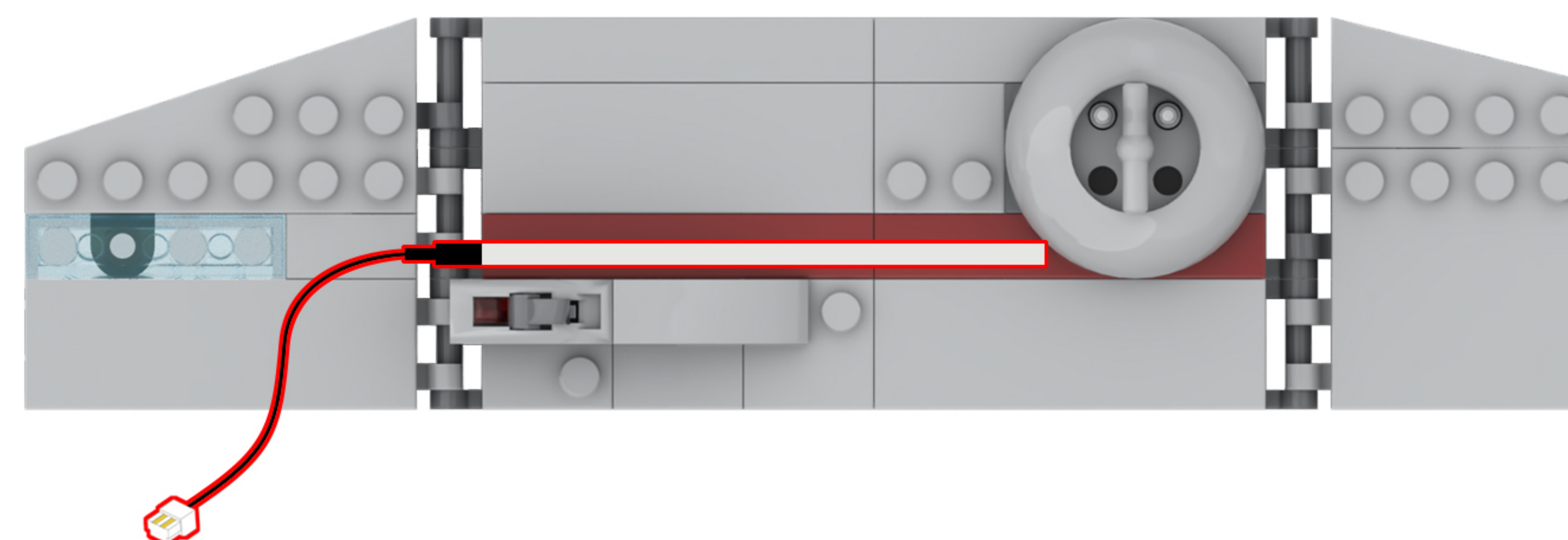
DE: Entnehmen Sie den COB-Lichtstreifen aus Beutel 1, ziehen Sie die Klebefolie ab und befestigen Sie ihn an der angegebenen Stelle.



x2



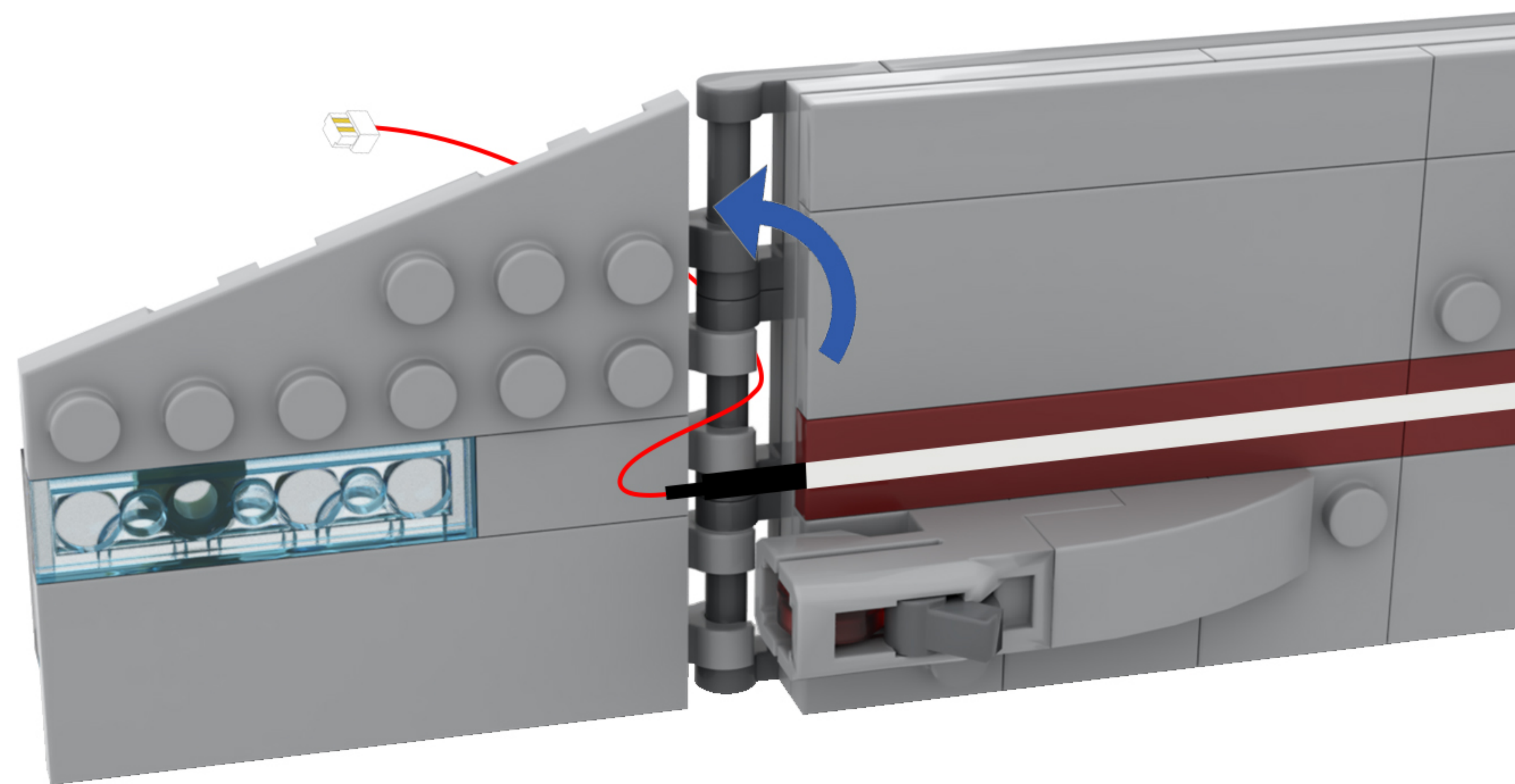
Please peel off the adhesive on the back.



6

EN: Stand the building block upright and thread the lamp cord through the gap in the block.

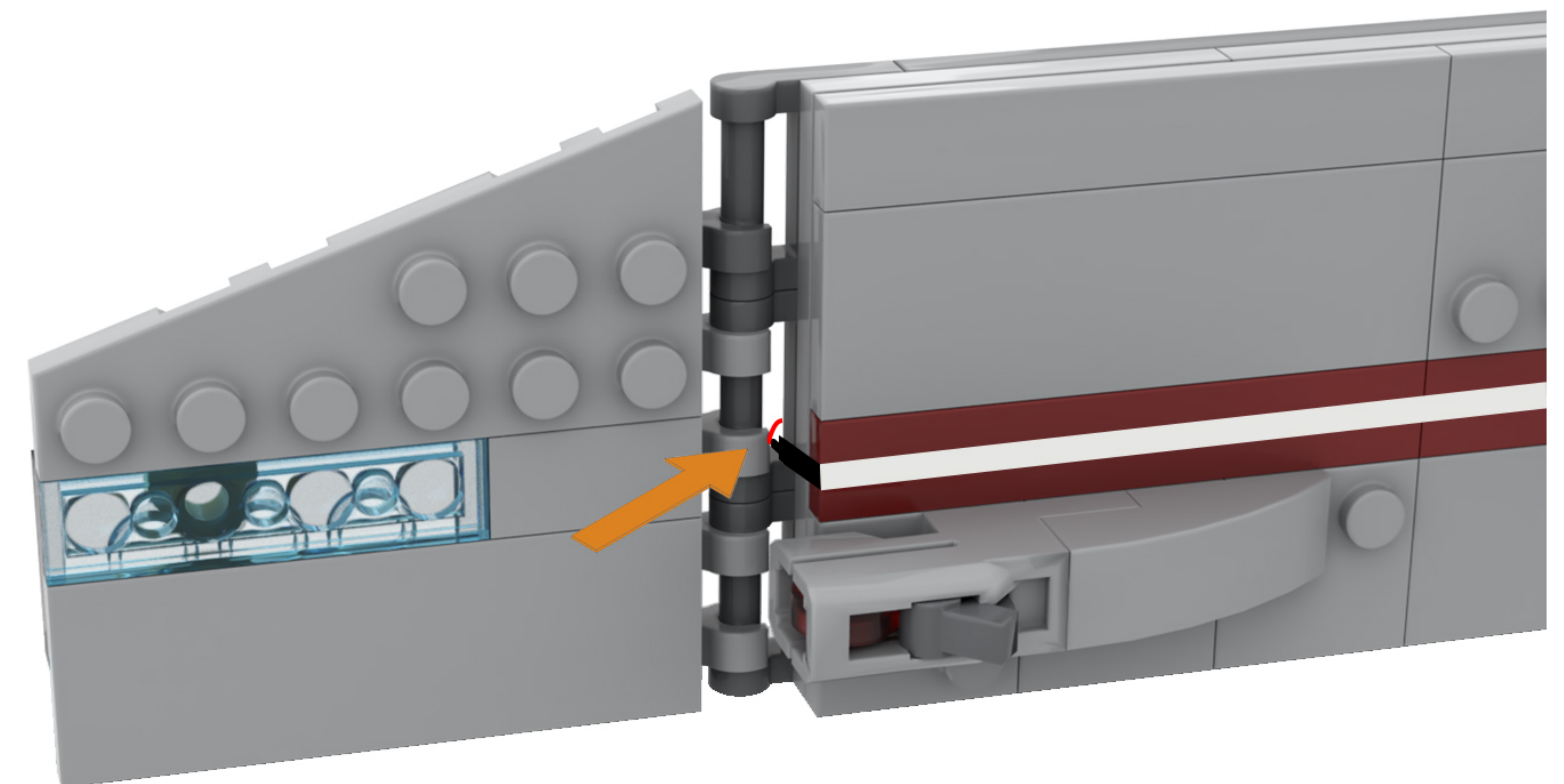
DE: Stellen Sie den Baustein aufrecht hin und führen Sie das Lampenkabel durch die Öffnung im Block.



7

EN: Insert the front section of the COB light strip into the gap of the building block.

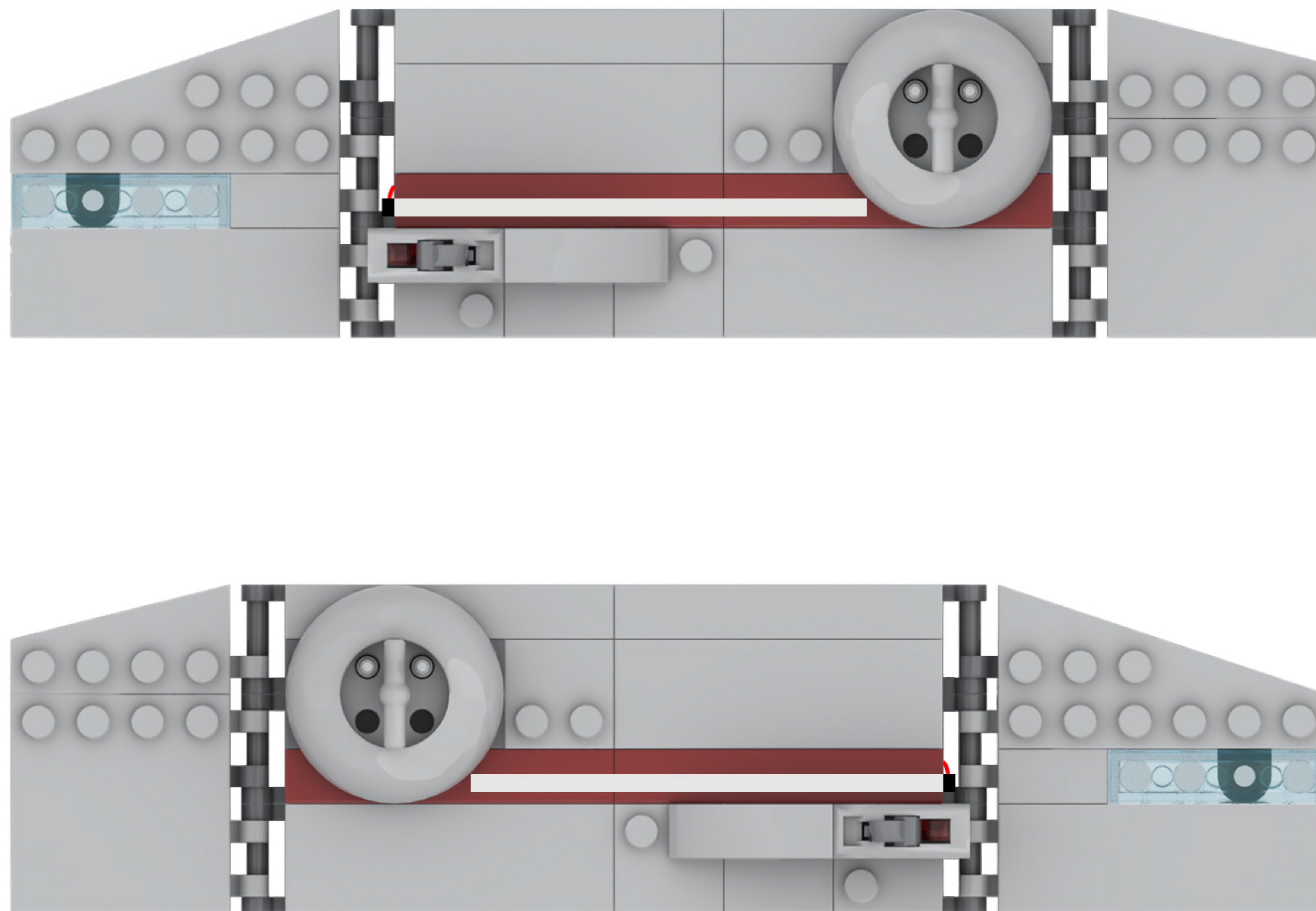
DE: Setzen Sie den vorderen Teil des COB-Lichtstreifens in die Lücke des Bausteins ein.



8

EN: Repeat the above steps to install the COB light strip on another building block. The completed operation is shown in the figure.

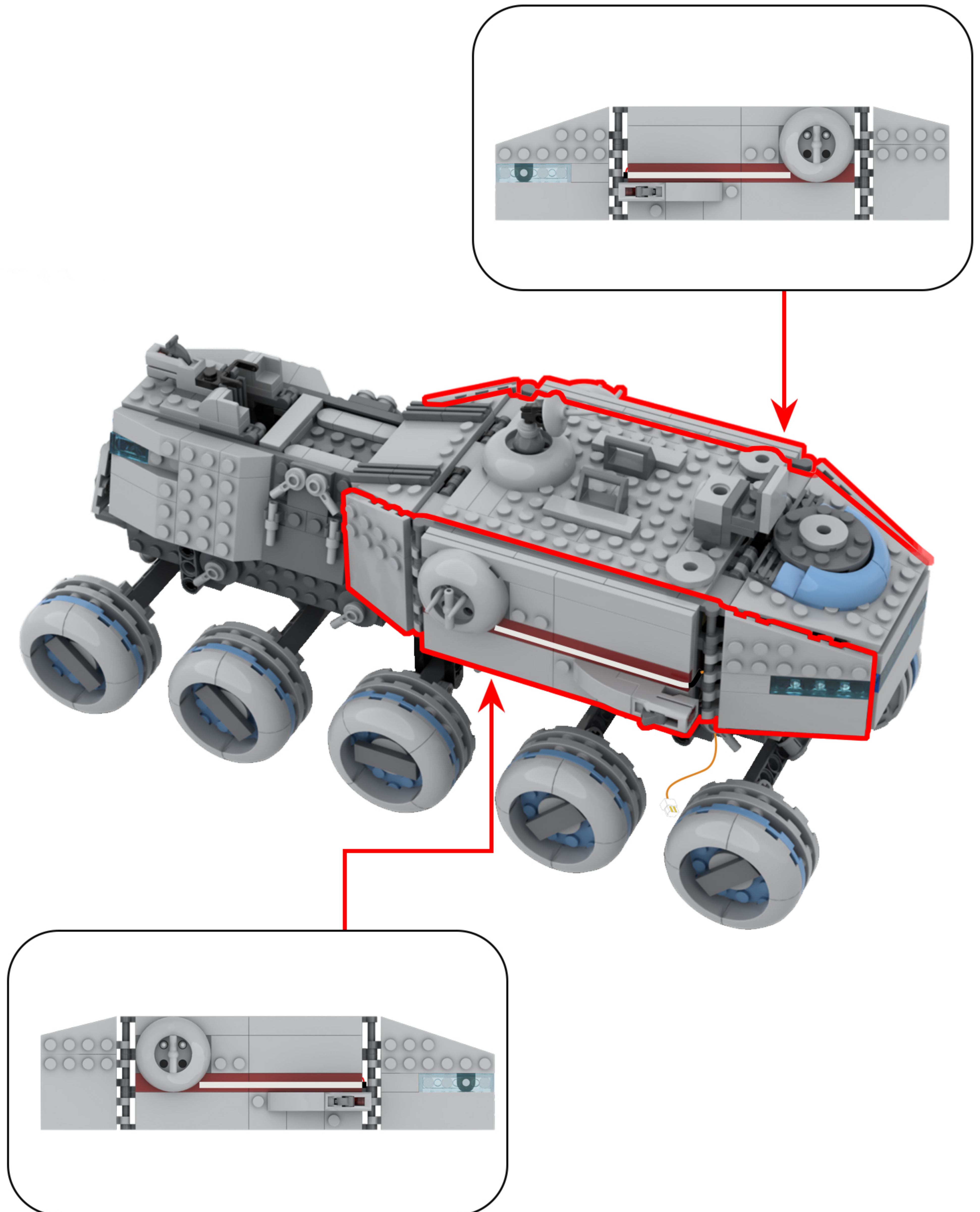
DE: Wiederholen Sie die oben genannten Schritte, um den COB-Lichtstreifen an einem weiteren Baustein anzubringen. Das Ergebnis sehen Sie in der Abbildung.



9

EN: Reassemble the building blocks in sequence.

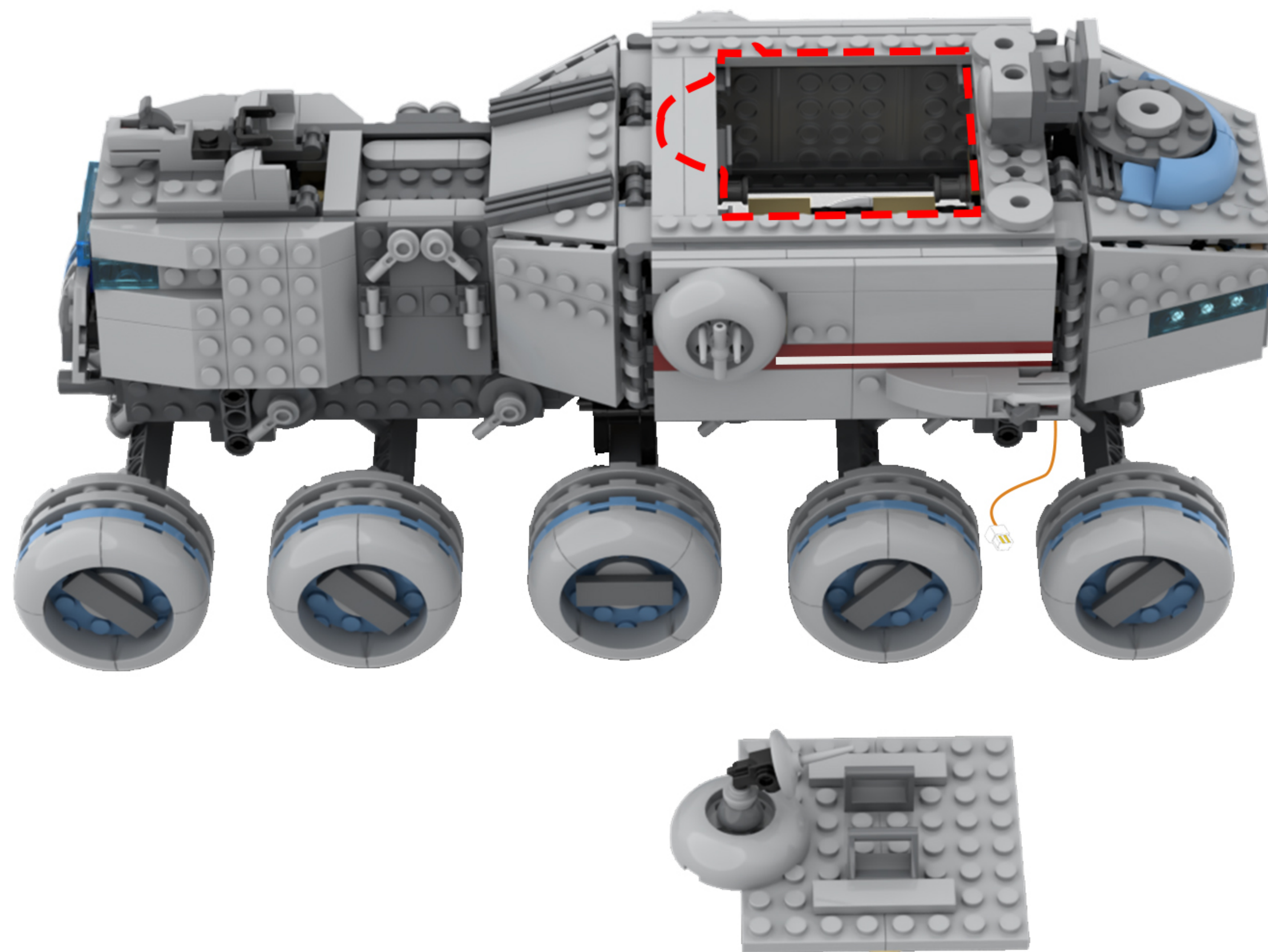
DE: Setzen Sie die Bausteine der Reihe nach wieder zusammen.



10

EN: Split as shown in the figure.

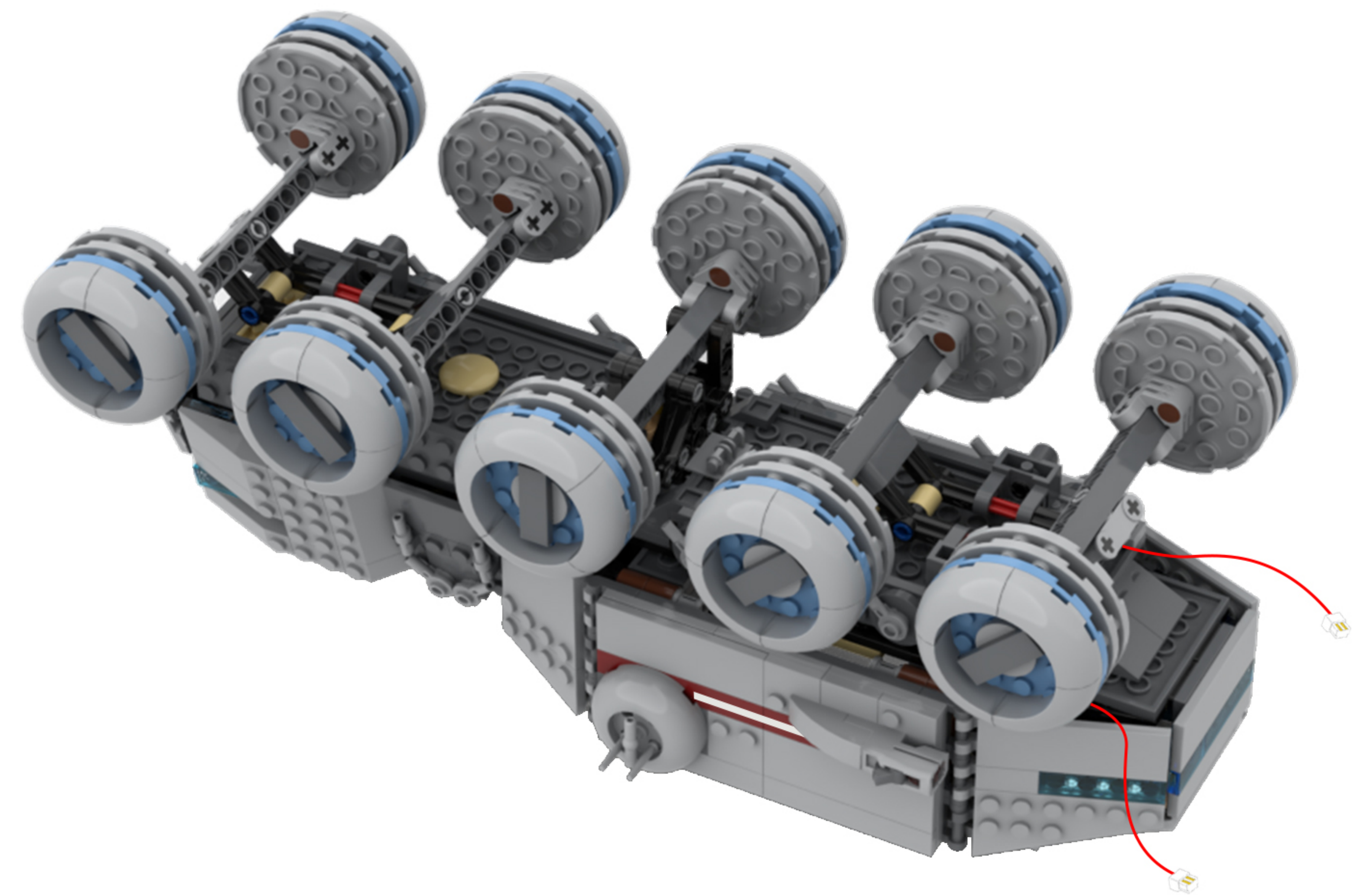
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



11

EN: Flip the model to its bottom surface.

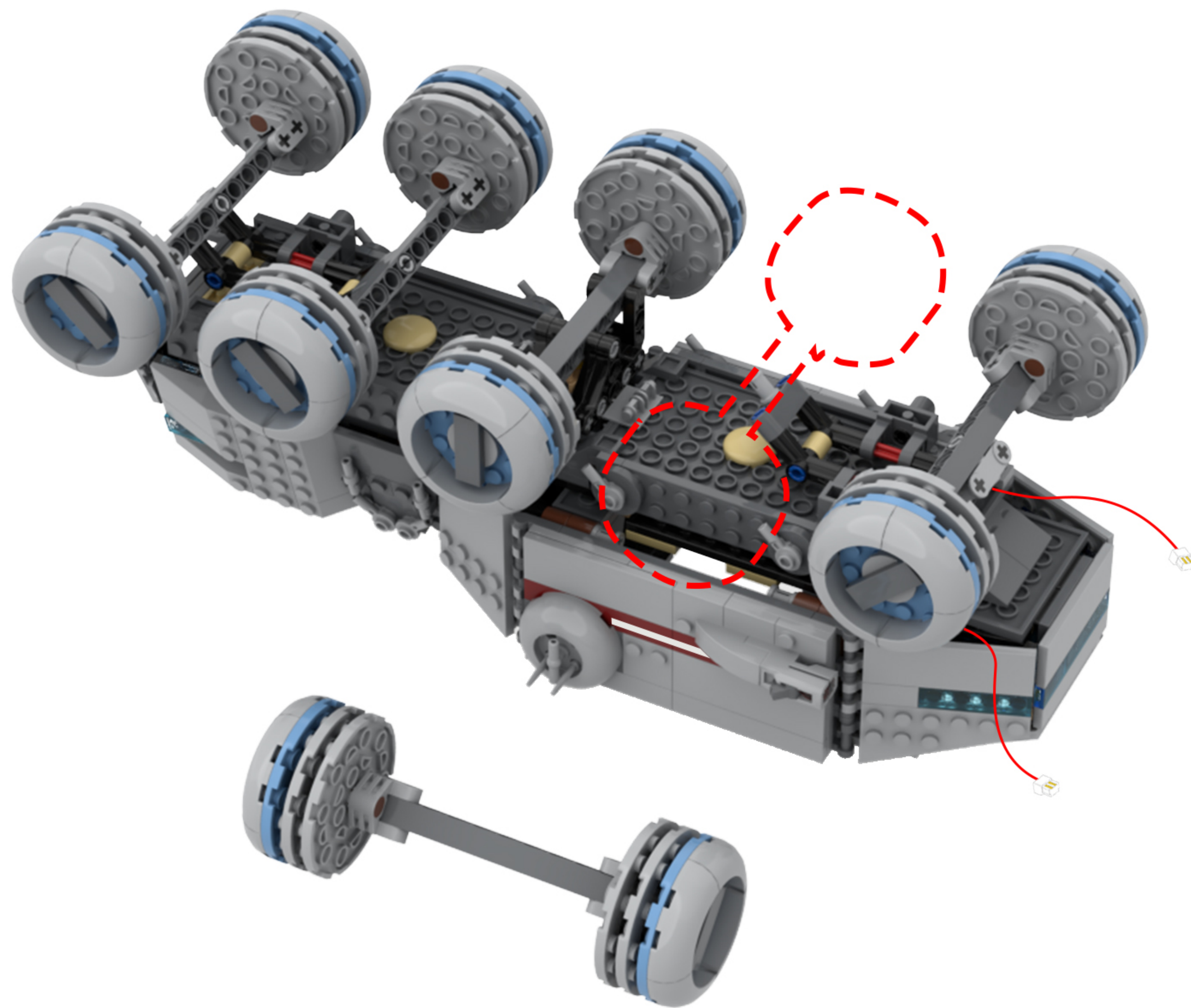
DE: Drehen Sie das Modell auf seine Basis.



12

EN: Split as shown in the figure.

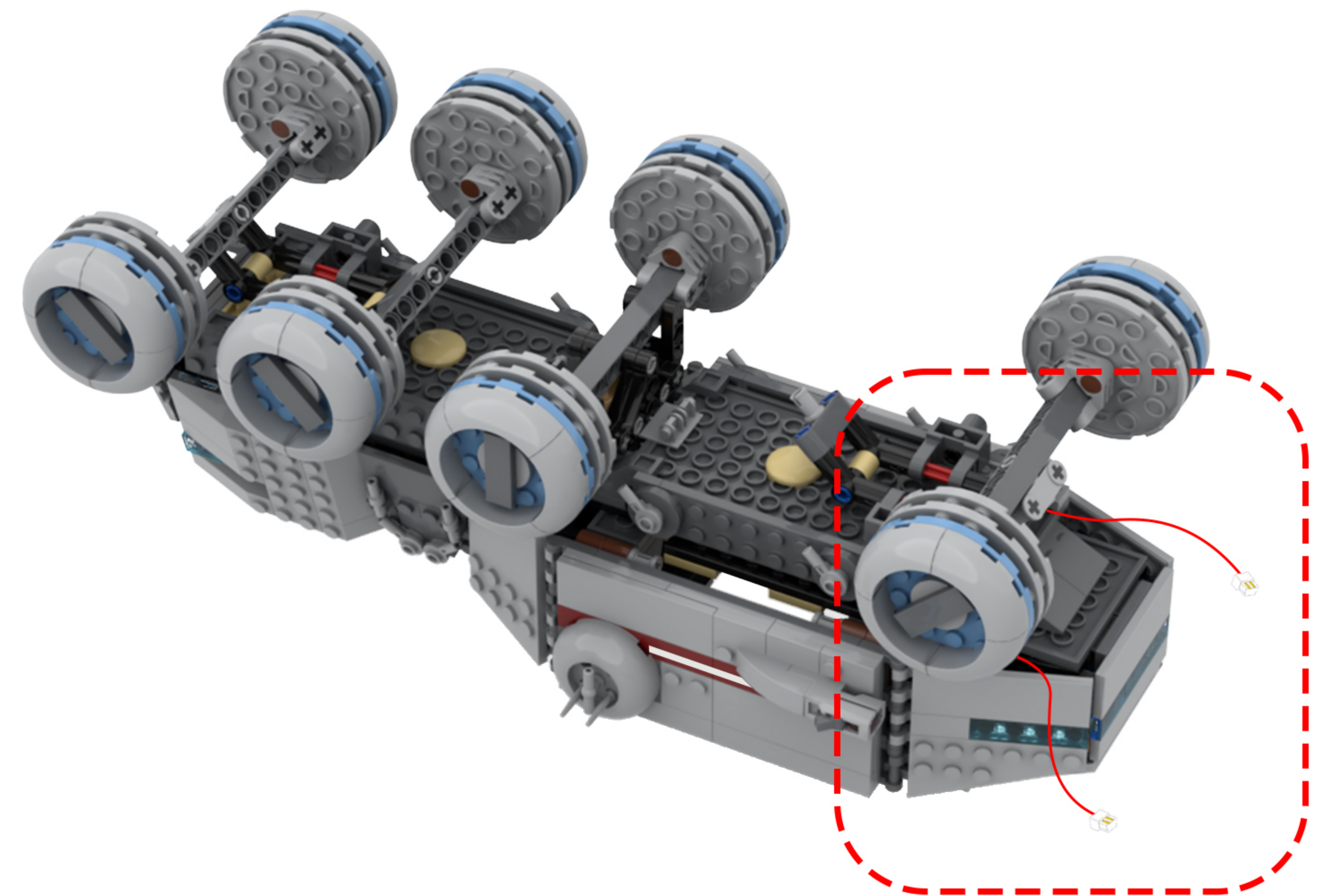
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



13

EN: Locate the two light wires in the diagram.

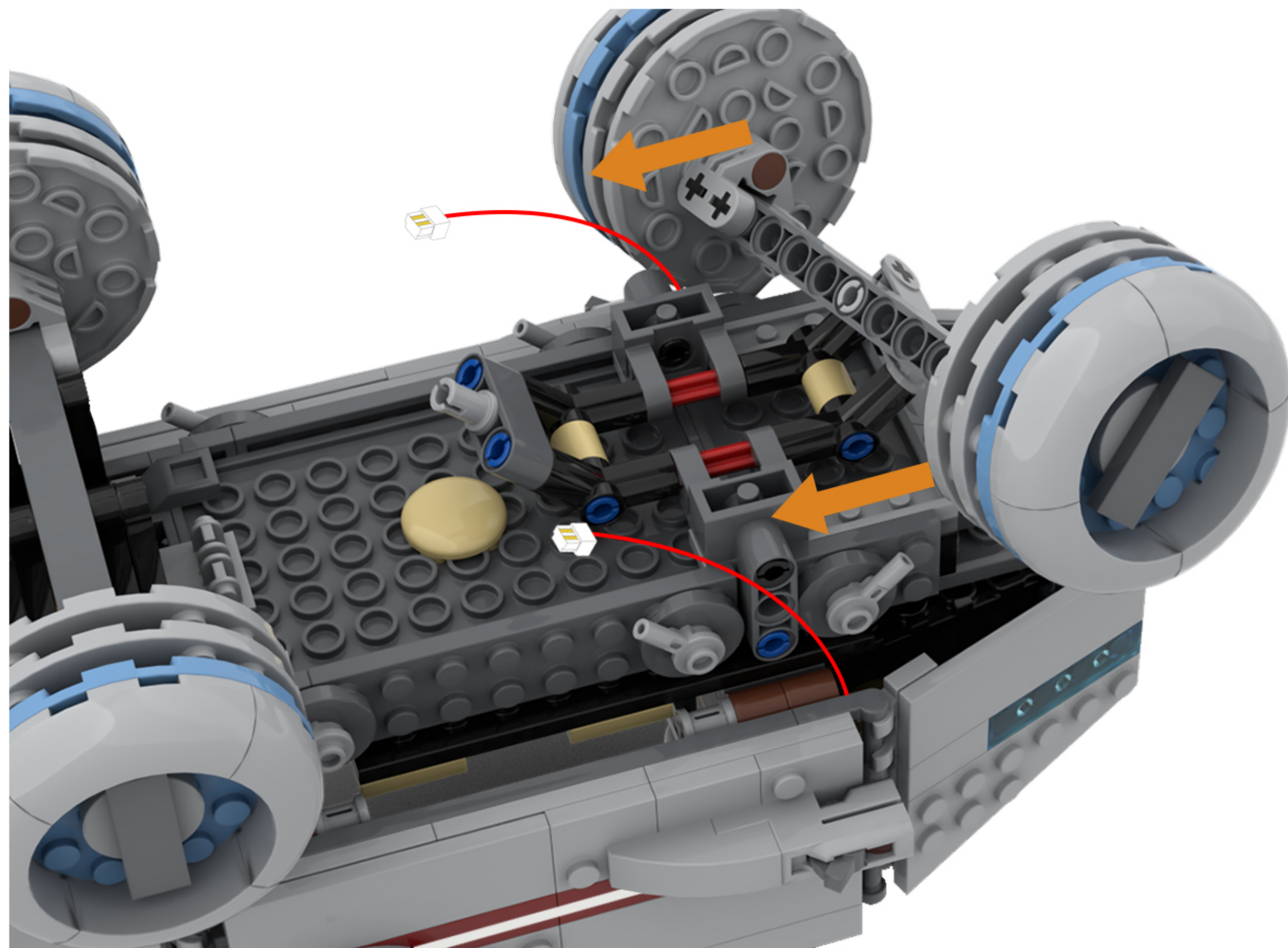
DE: Suchen Sie die beiden Lichtkabel in der Abbildung.



14

EN: Move the two light cables behind the front wheels.

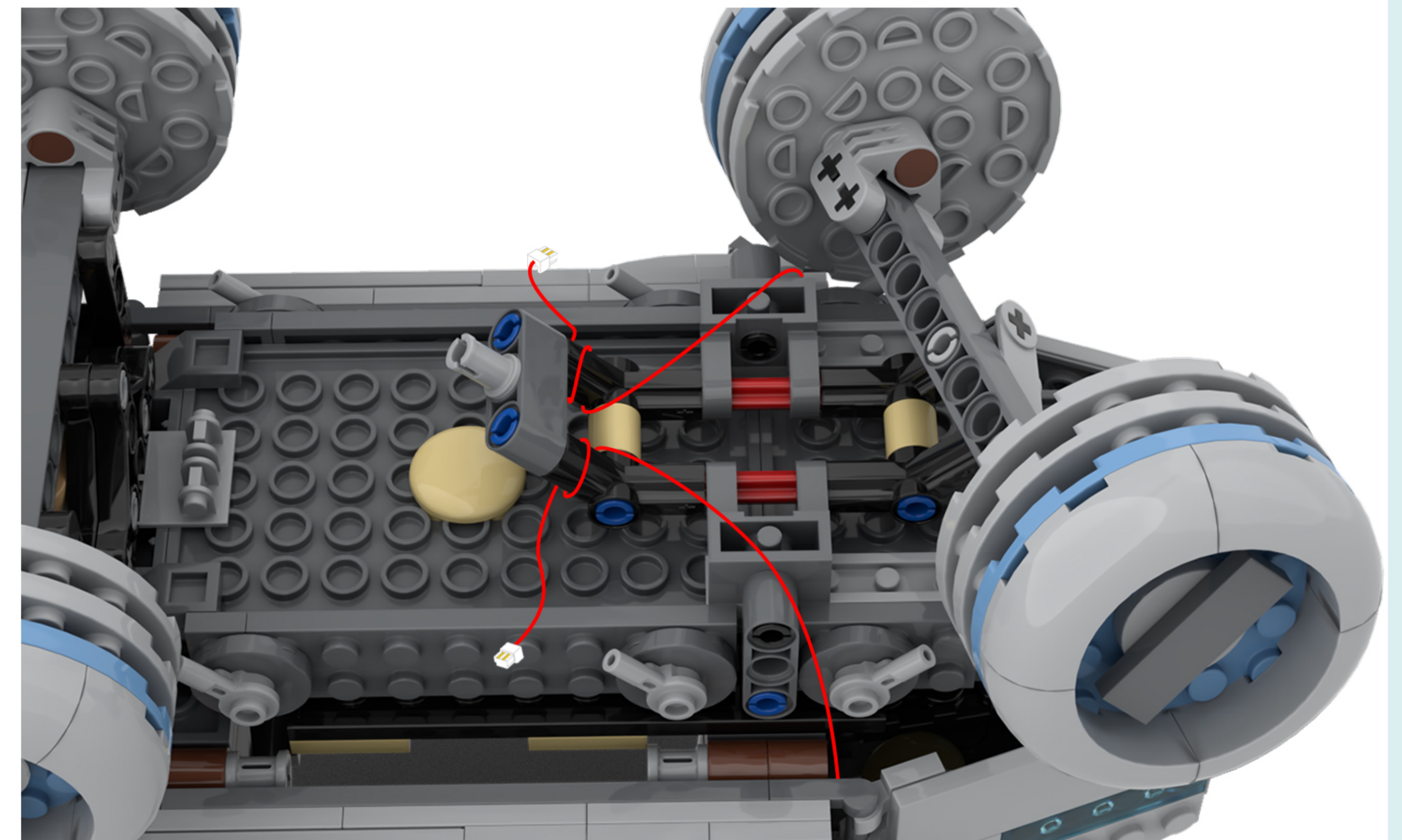
DE: Verlegen Sie die beiden Lichtkabel hinter die Vorderräder.



15

EN: Wrap the two light cords around the building blocks one after the other.

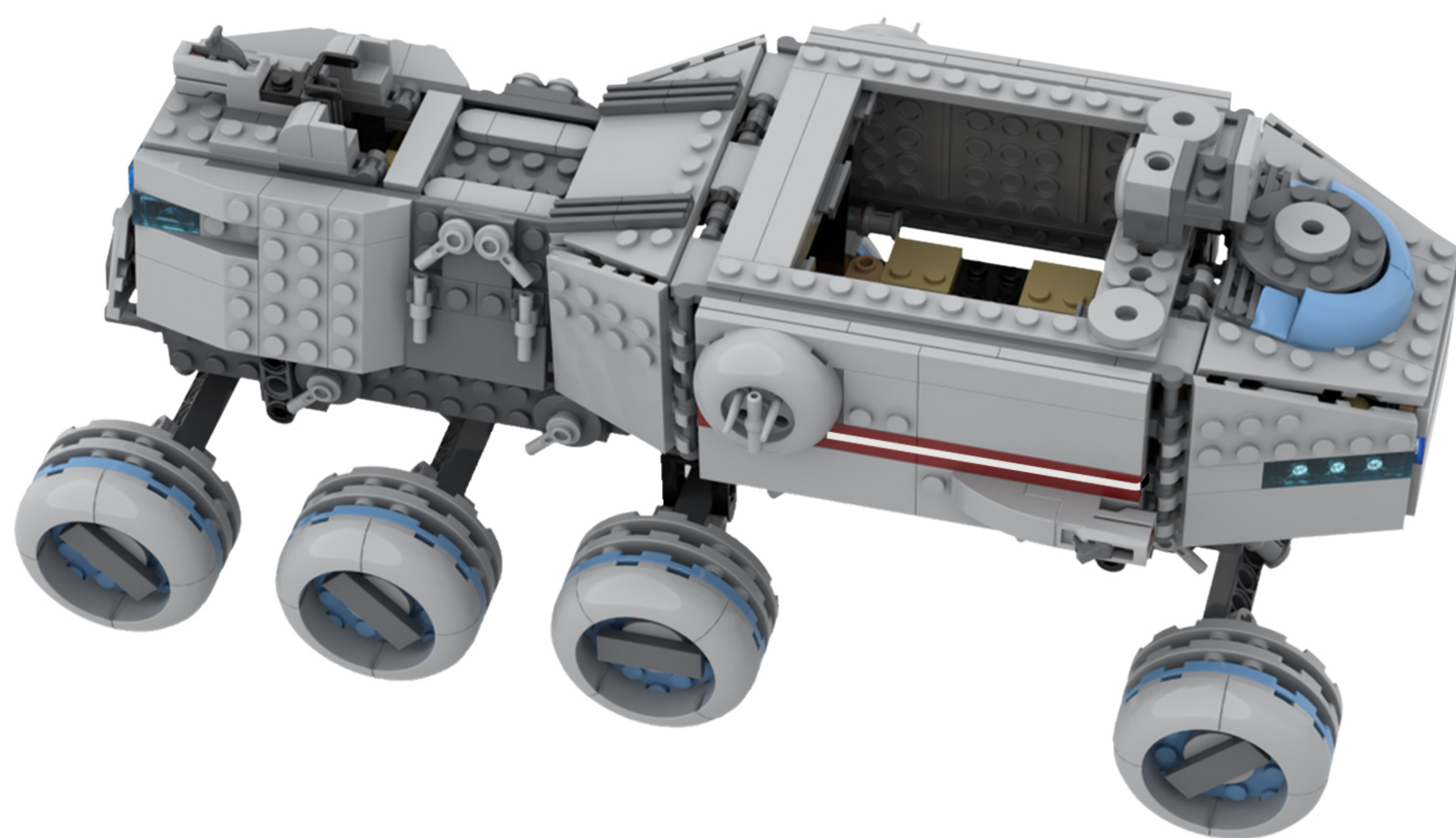
DE: Wickeln Sie die beiden Lichtschnüre nacheinander um die Bausteine.



16

EN: Flip the model to restore it.

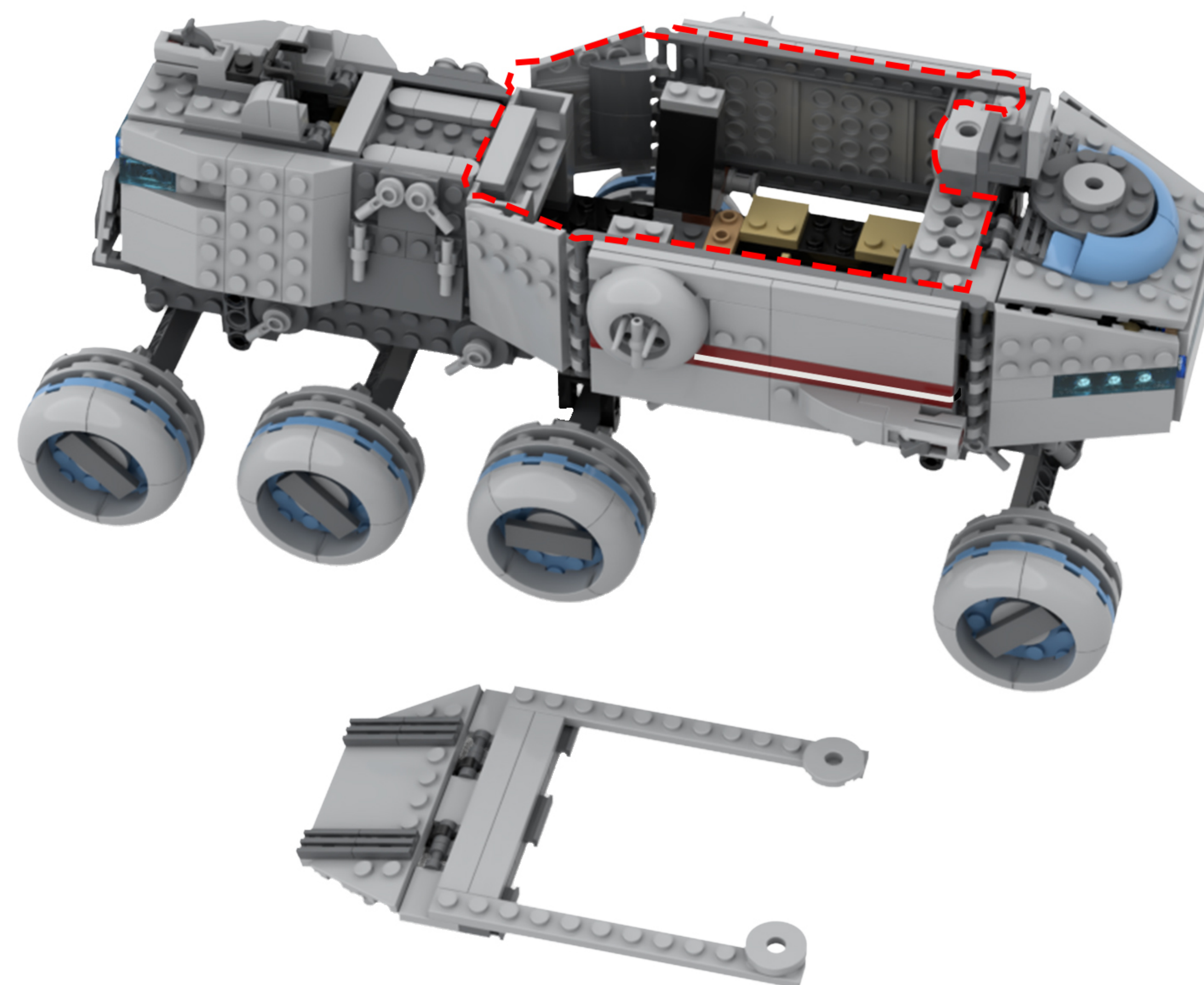
DE: Drehen Sie das Modell um, um es wiederherzustellen.



17

EN: Split as shown in the figure.

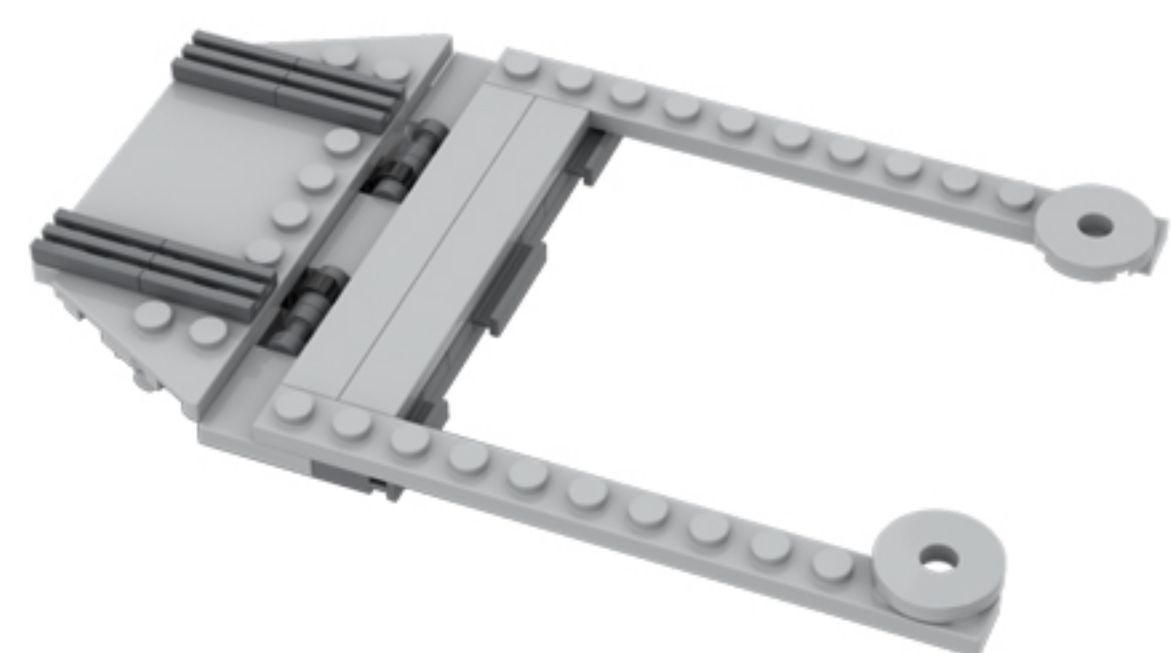
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



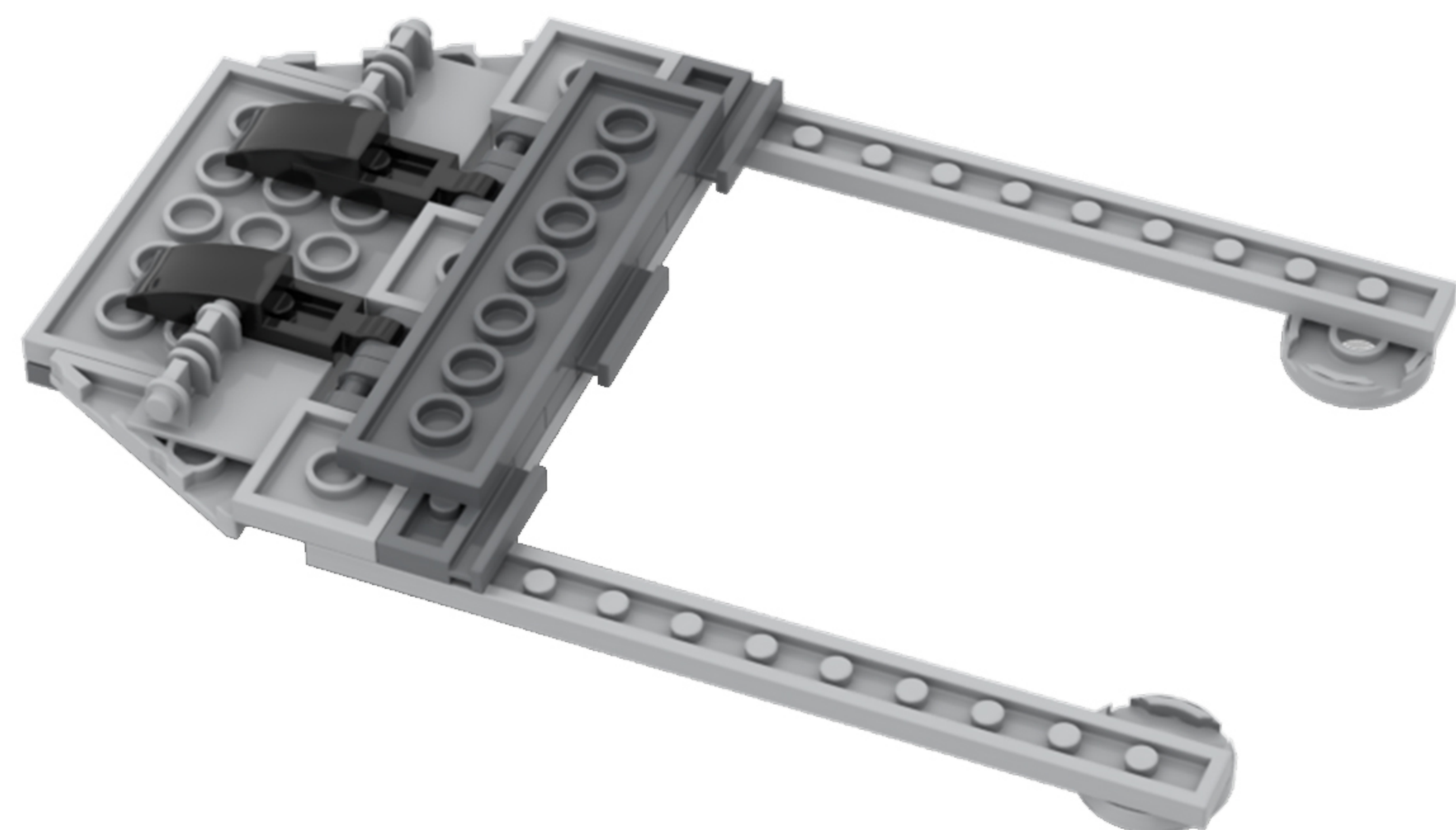
18

EN: Take out the disassembled building blocks and flip them over.

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



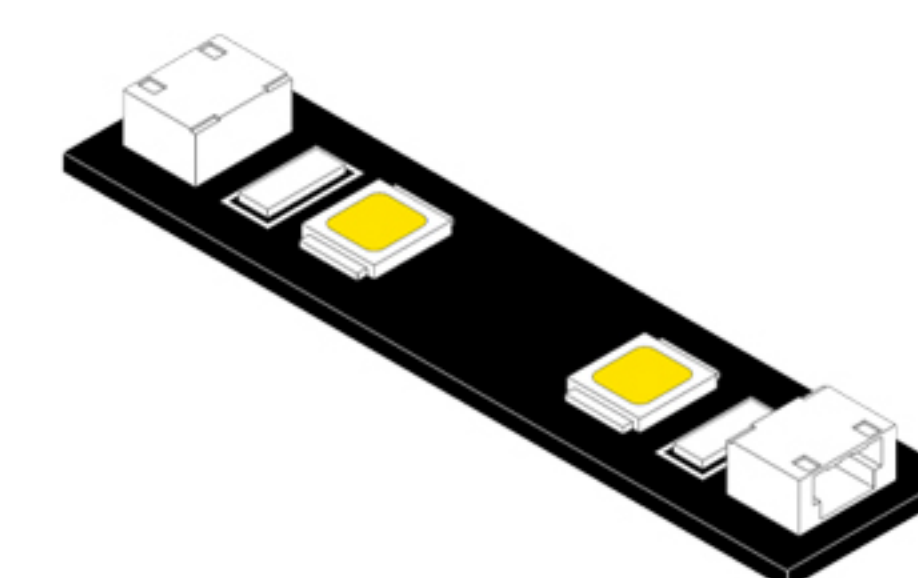
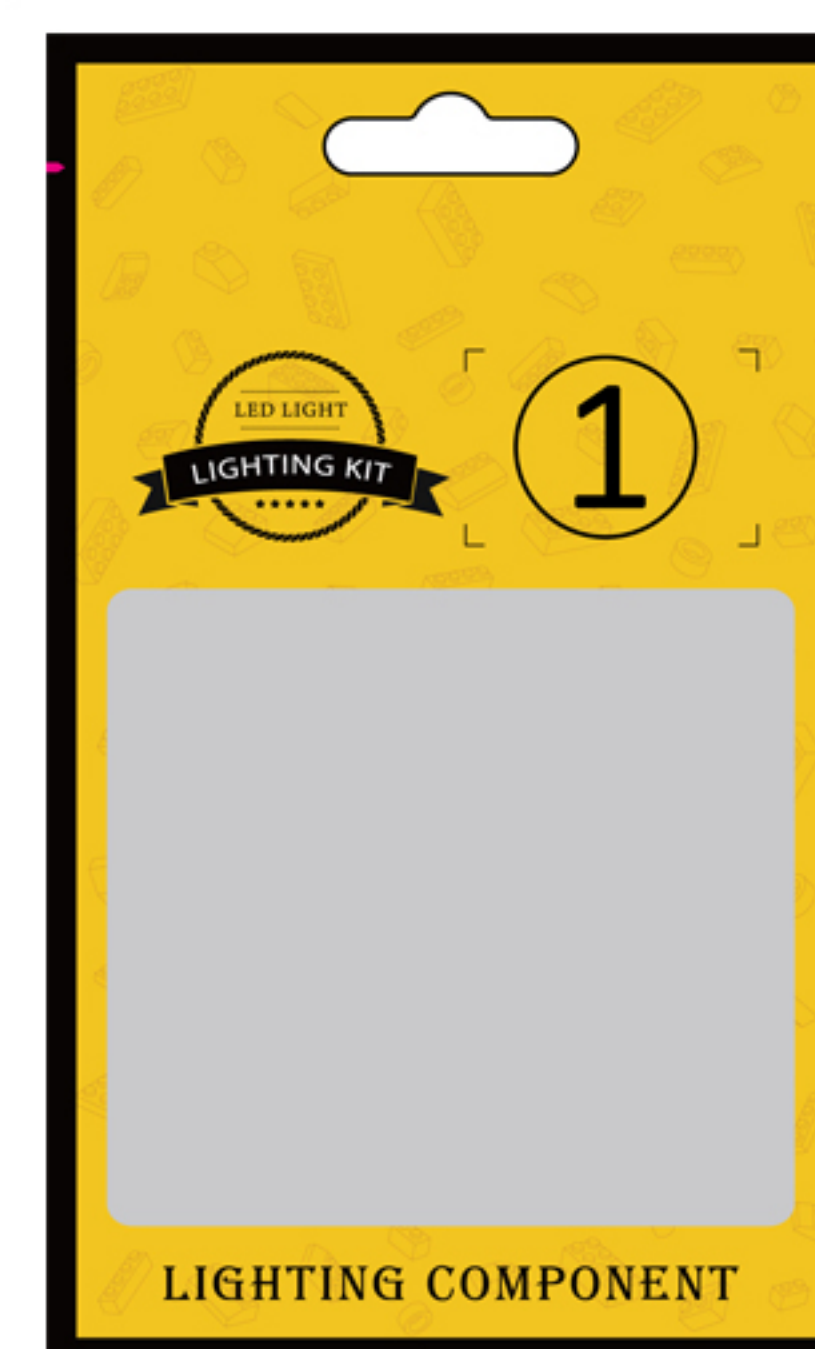
x1



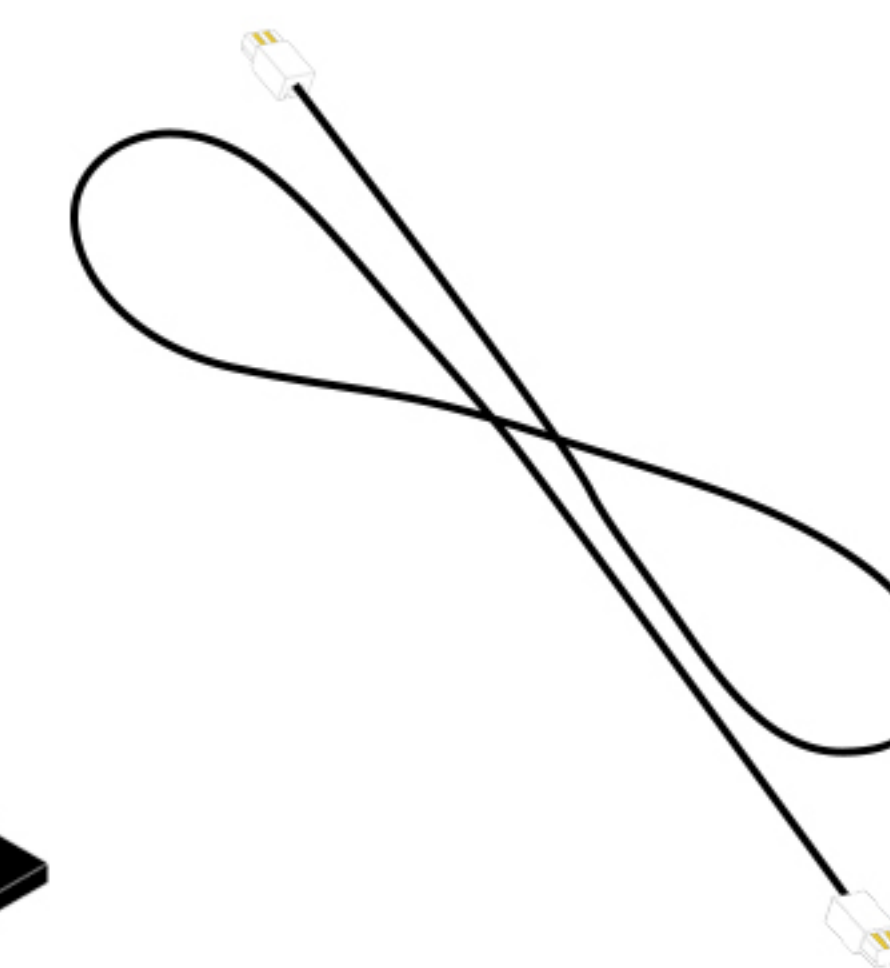
19

EN: Remove the light strip and connecting cable from Bag 1, then connect them together.

DE: Entnehmen Sie den Lichtstreifen und das Verbindungskabel aus Beutel 1 und verbinden Sie beide miteinander.

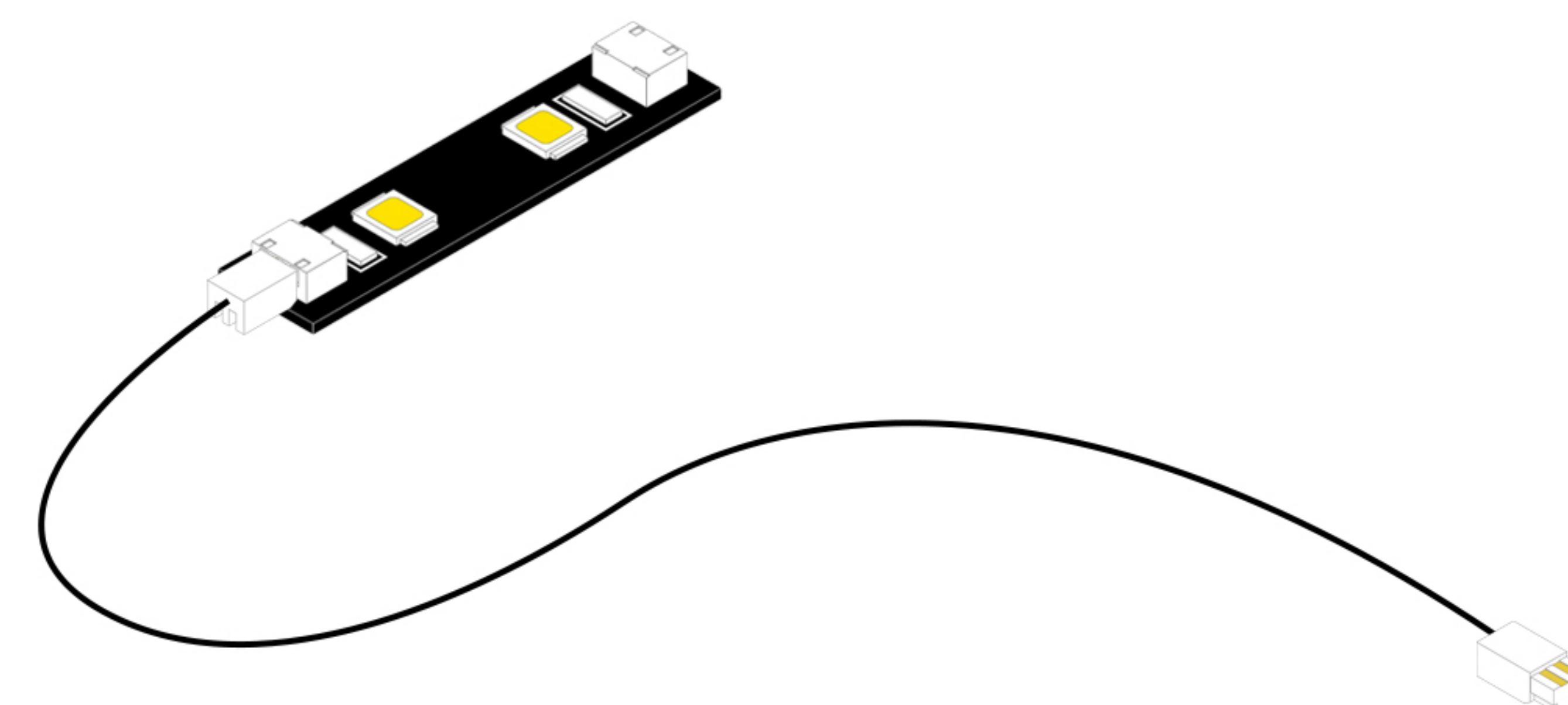
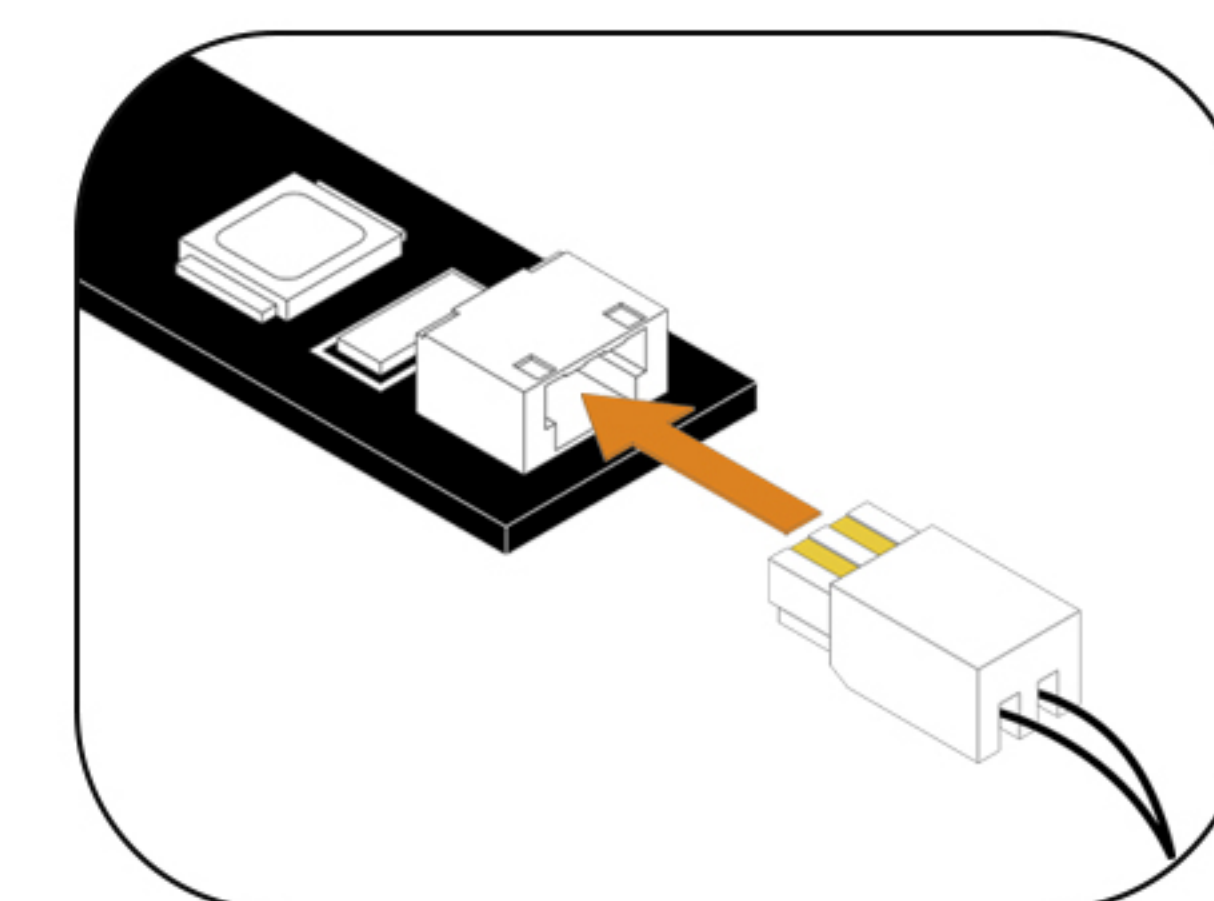


x1



x1

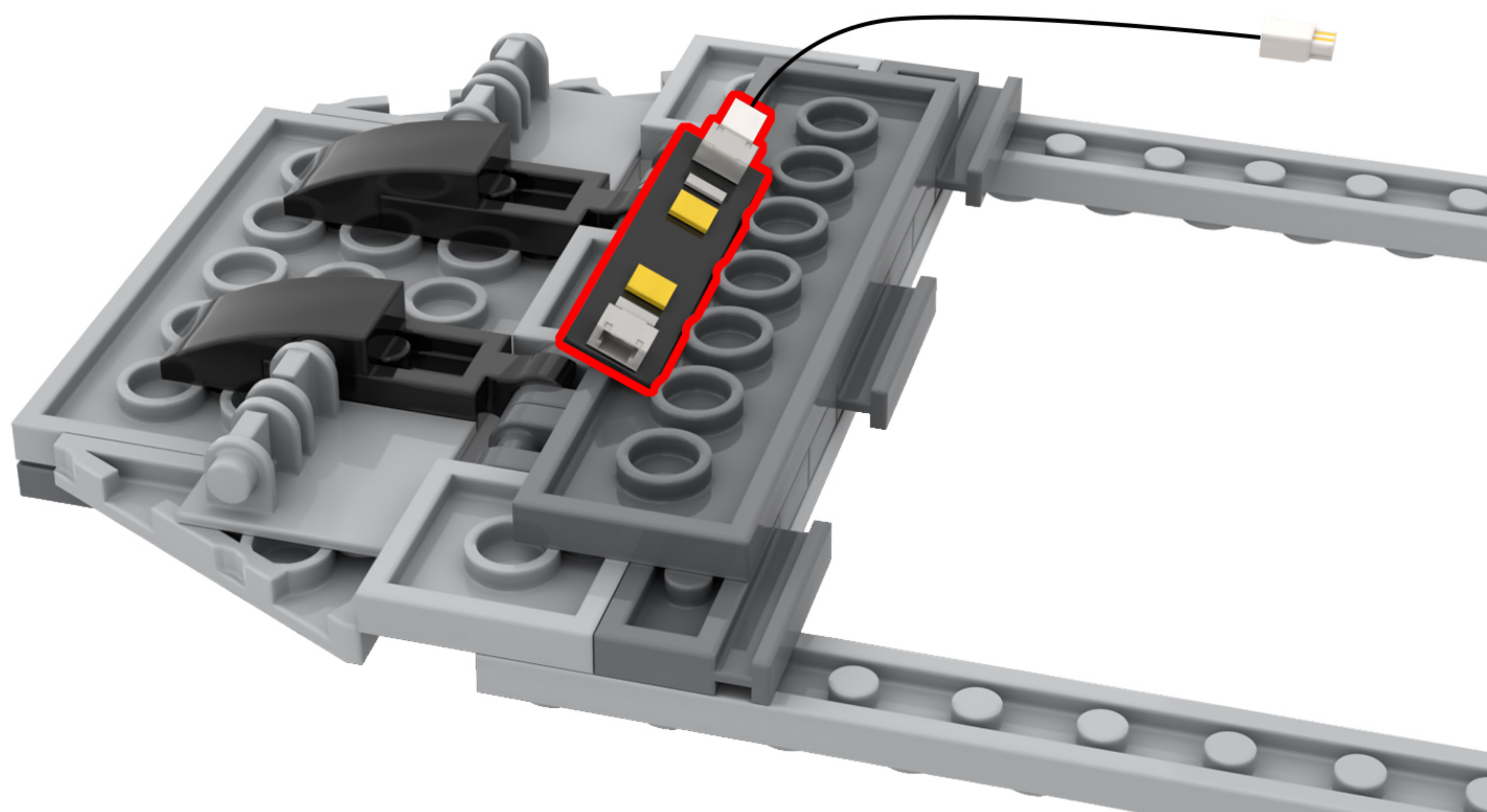
15cm



20

EN: Peel off the adhesive backing of the light strip and attach it to the indicated location.

DE: Ziehen Sie die Klebefolie vom Lichtstreifen ab und befestigen Sie ihn an der angegebenen Stelle.

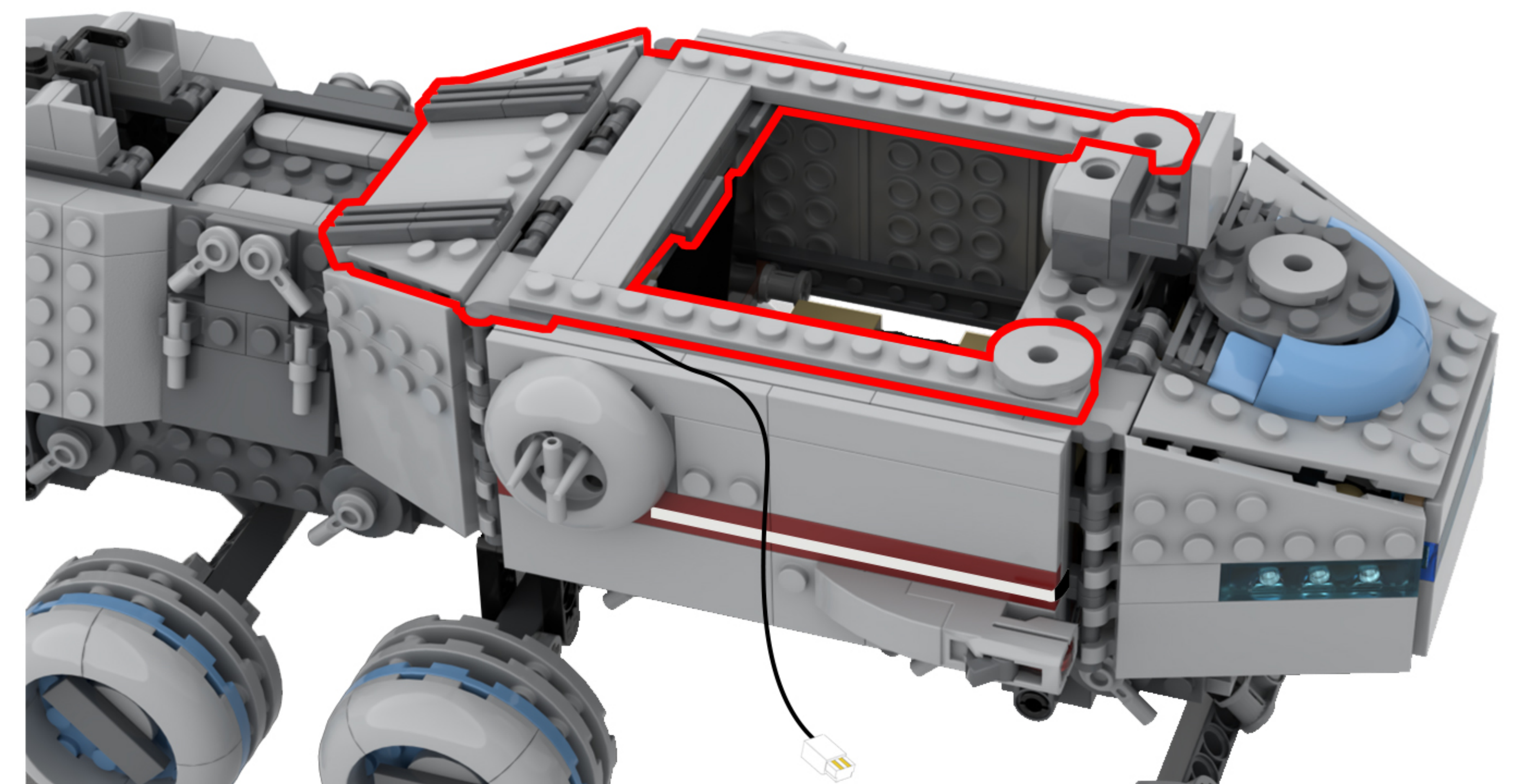


Note: The light strip should be attached at an angle to the building block.

21

EN: Restore the building blocks.

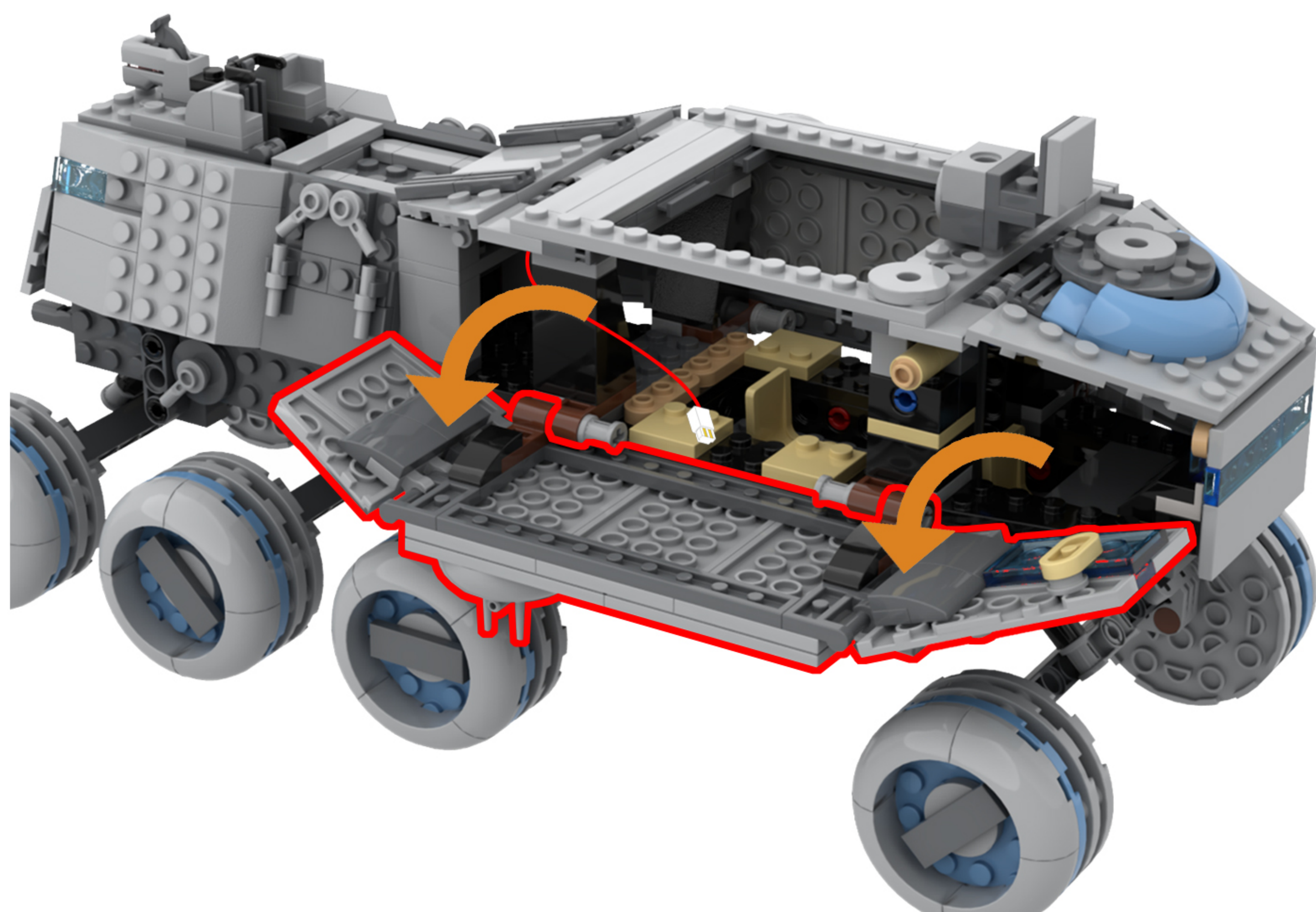
DE: Stellen Sie die Bausteine wieder her.



22

EN: Open the building blocks.

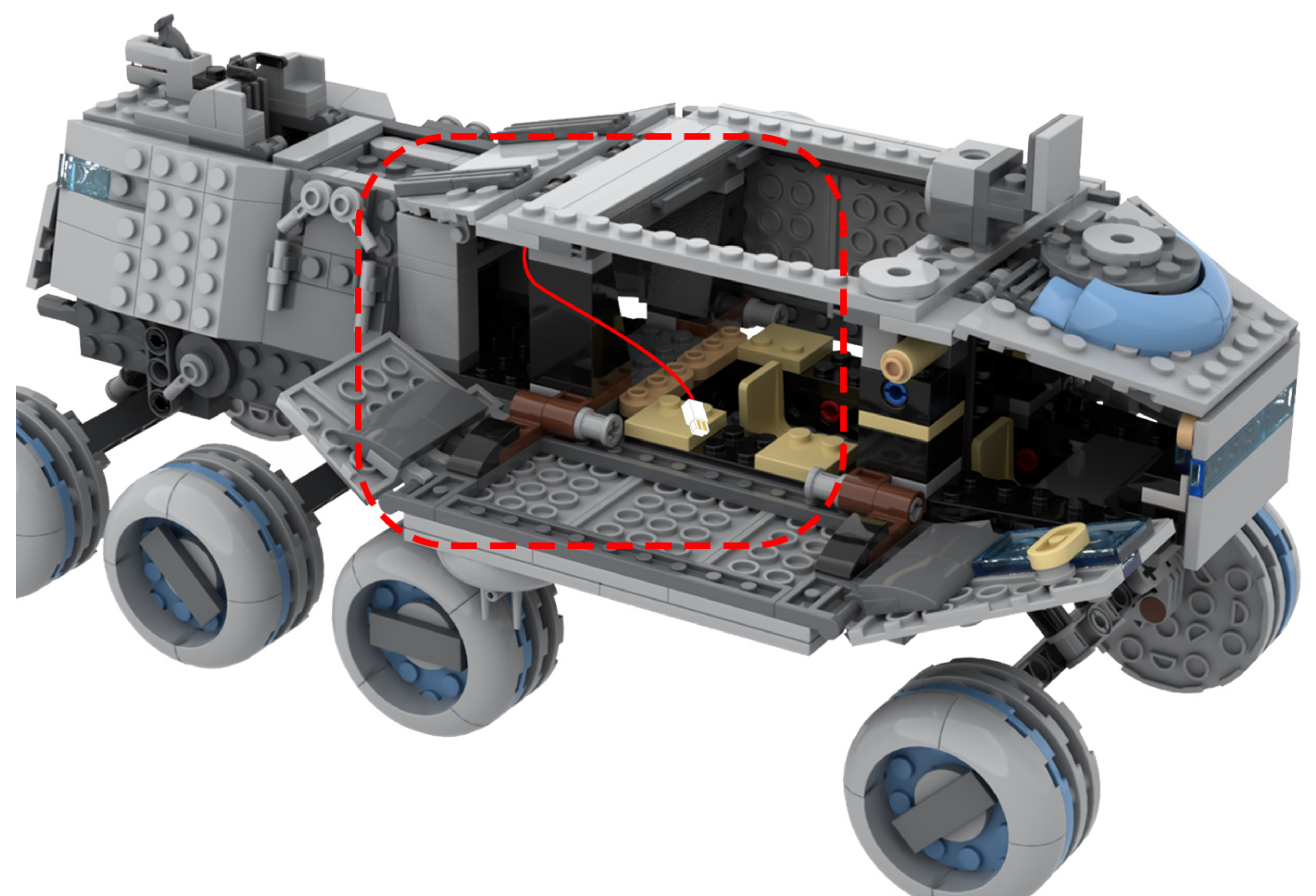
DE: Öffnen Sie die Bausteine.



23

EN: Locate this light cord in the diagram.

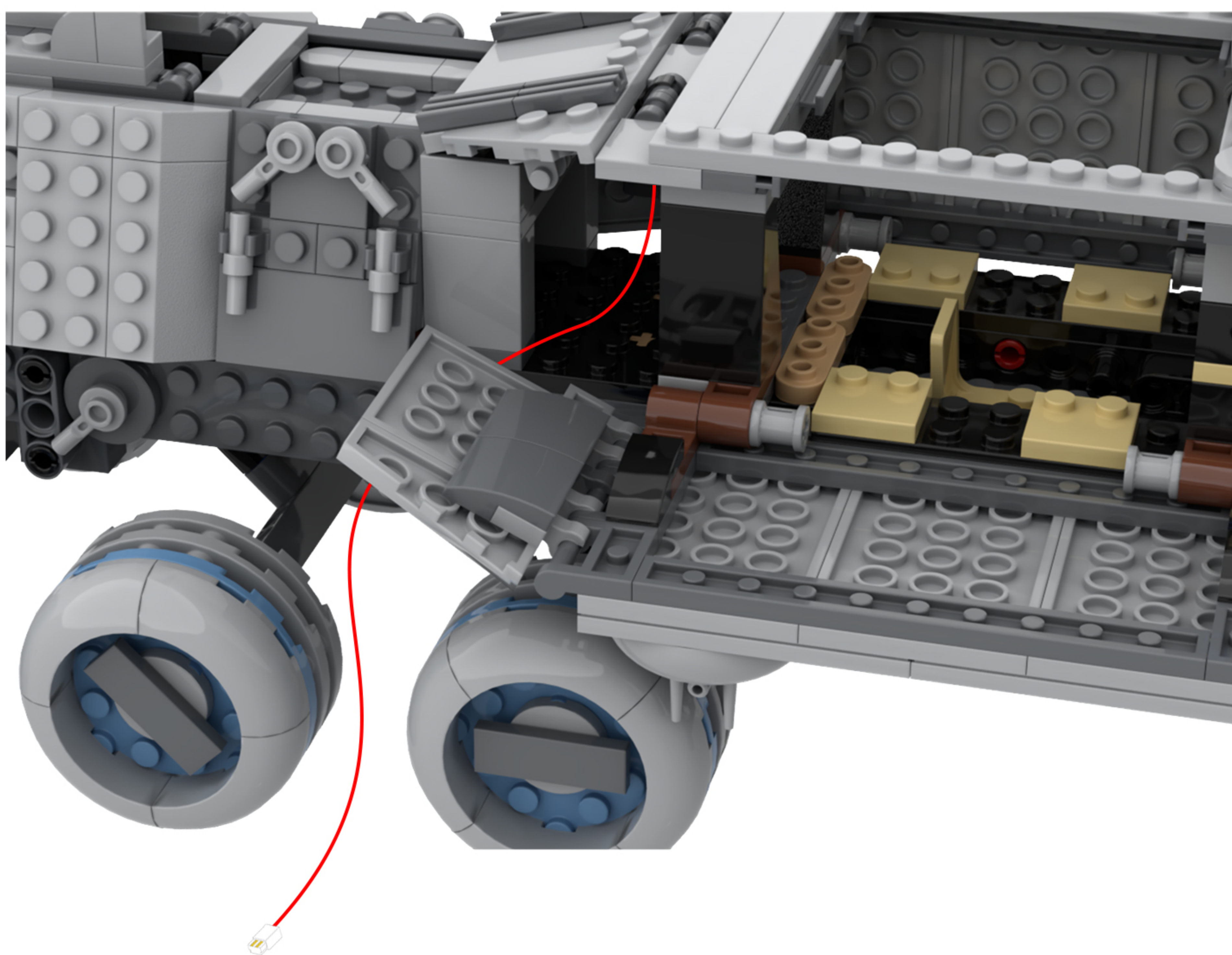
DE: Suchen Sie dieses Lichtkabel in der Abbildung.



24

EN: Run the lamp cable through the side of the building block.

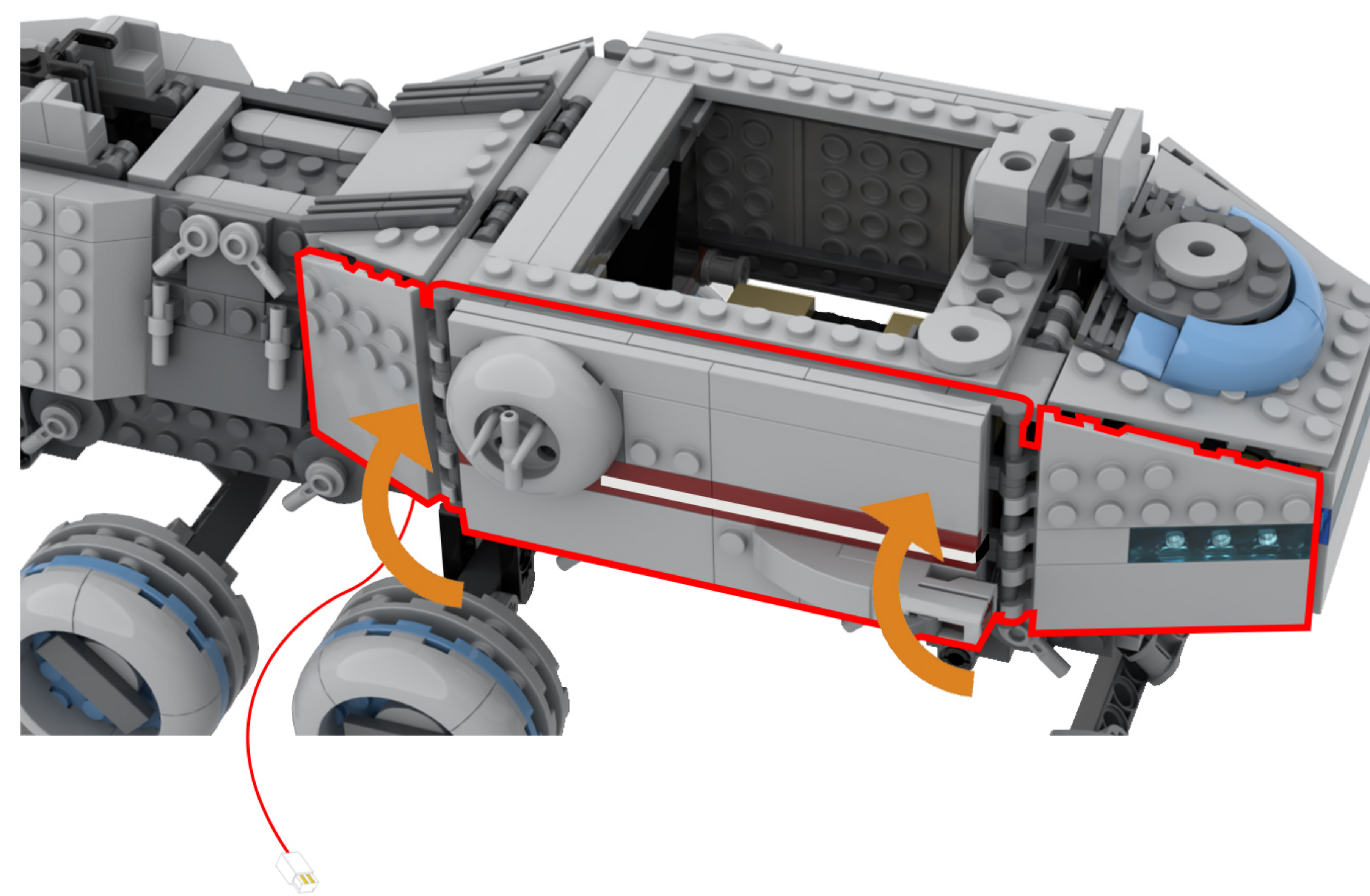
DE: Führen Sie das Lampenkabel durch die Seite des Bausteins.



25

EN: Restore the building blocks.

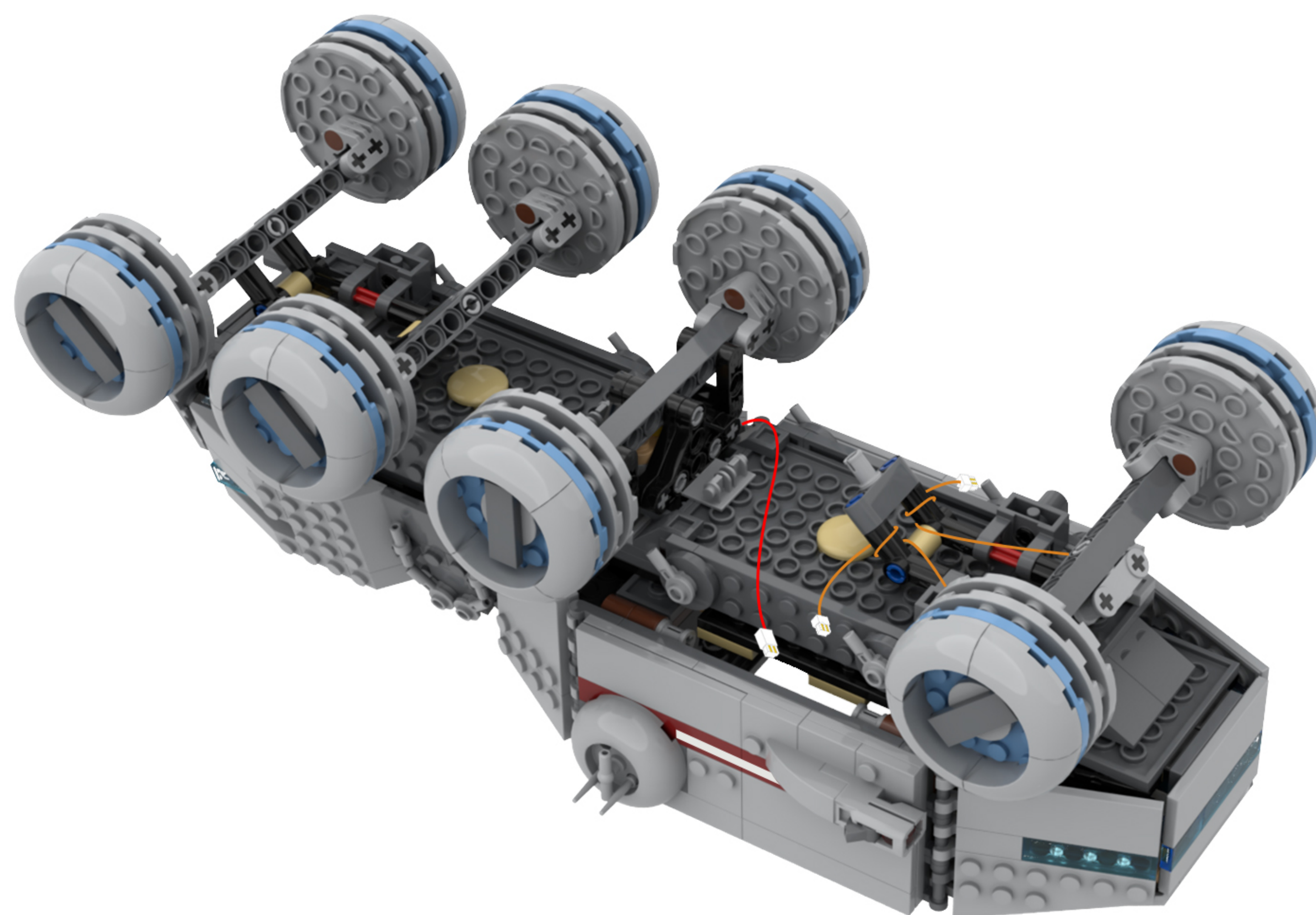
DE: Stellen Sie die Bausteine wieder her.



26

EN: Flip the model to its bottom surface.

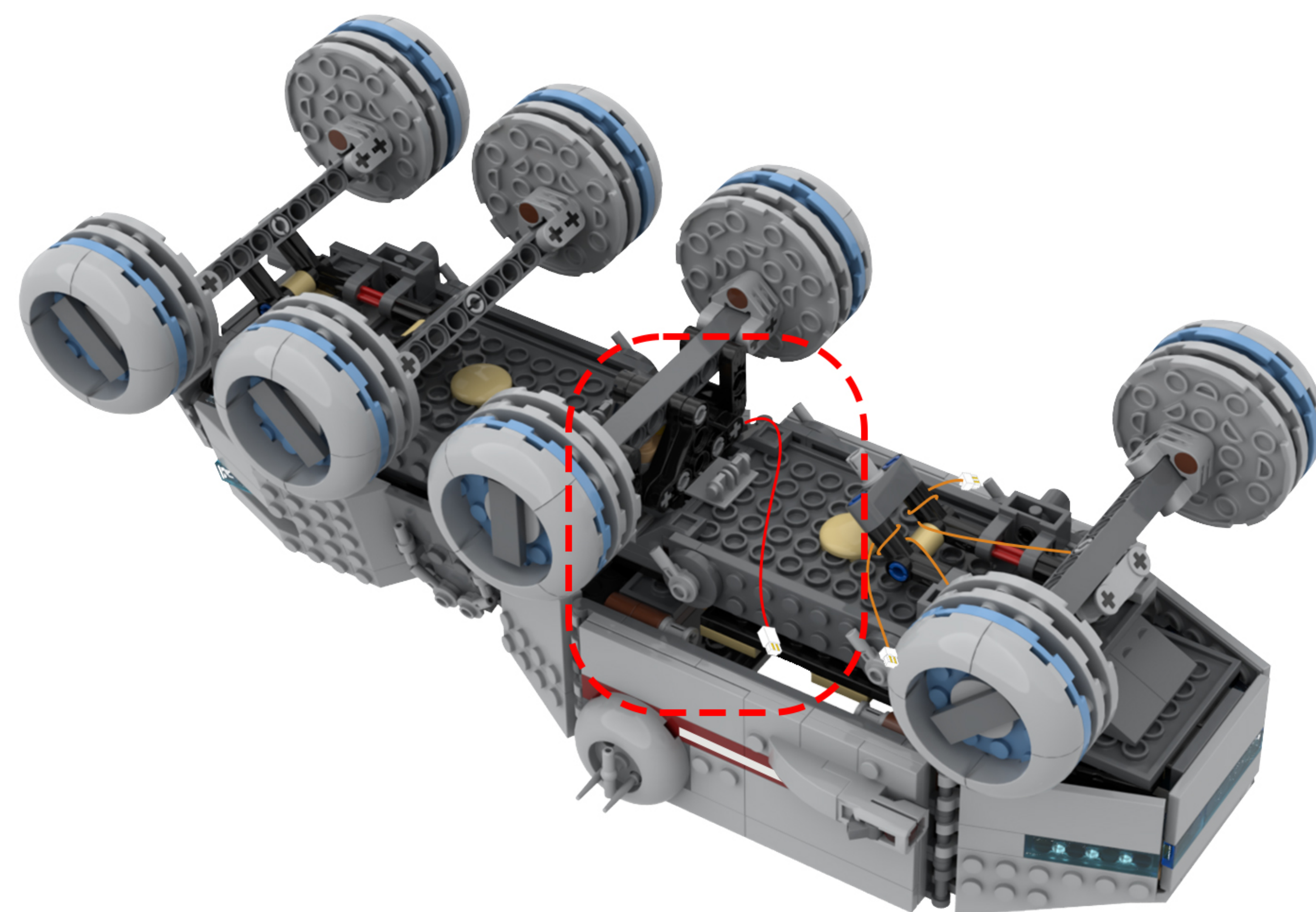
DE: Drehen Sie das Modell auf seine Unterseite.



27

EN: Locate this light cord in the diagram.

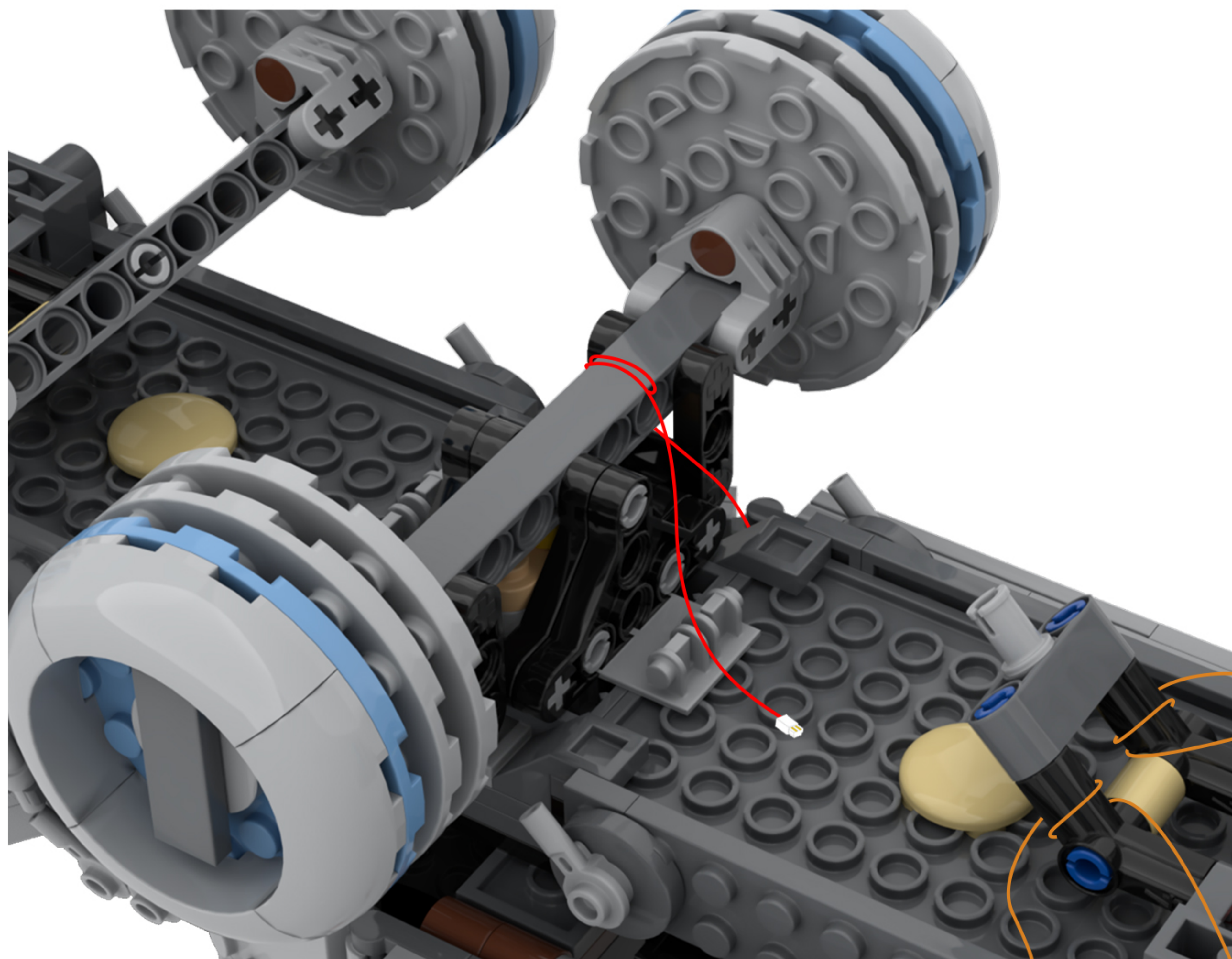
DE: Suchen Sie dieses Lichtkabel in der Abbildung.



28

EN: Wrap the light cord around the block hole once.

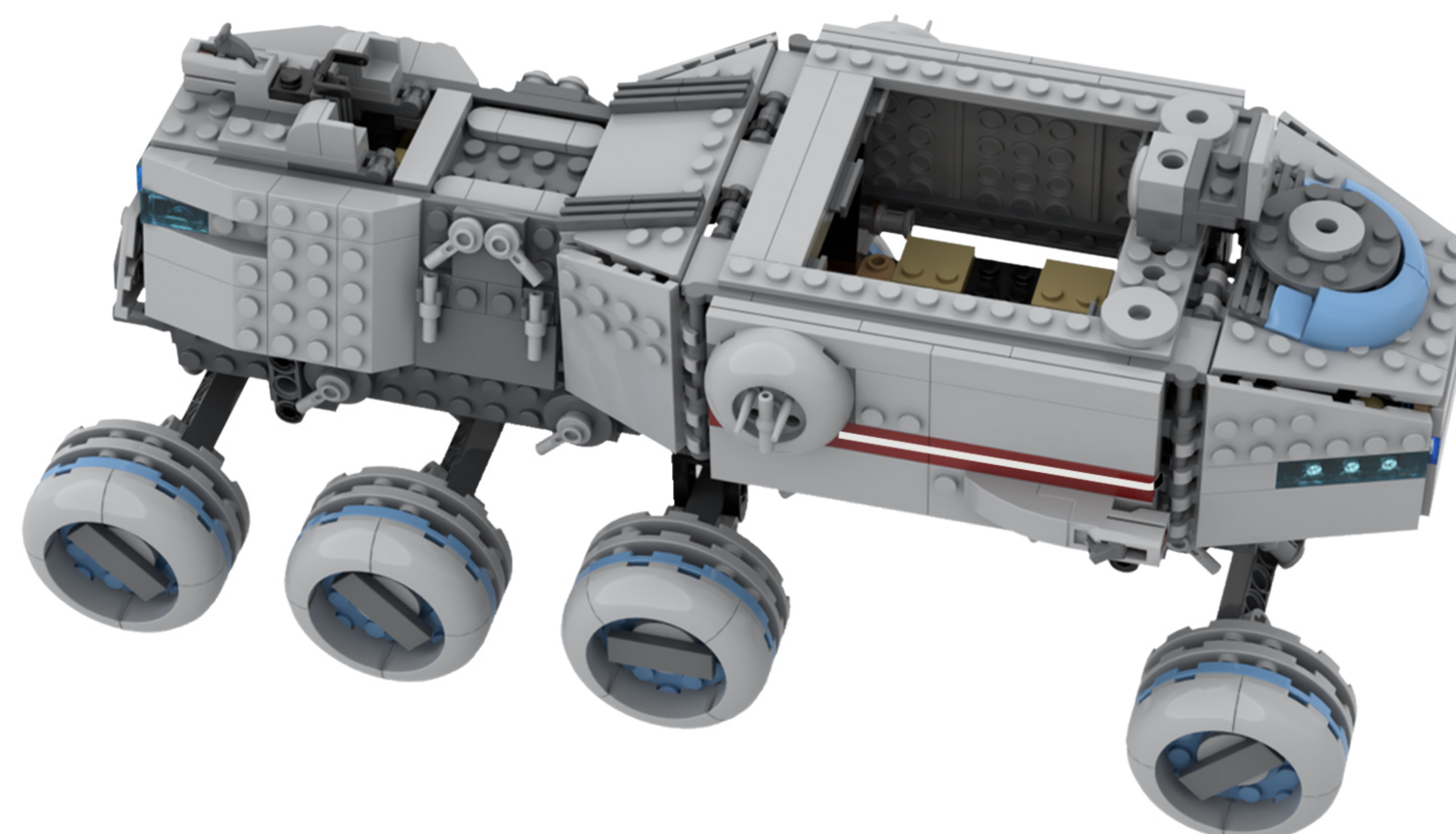
DE: Wickeln Sie das Lichtkabel einmal um das Loch im Block.



29

EN: Flip the model to restore it.

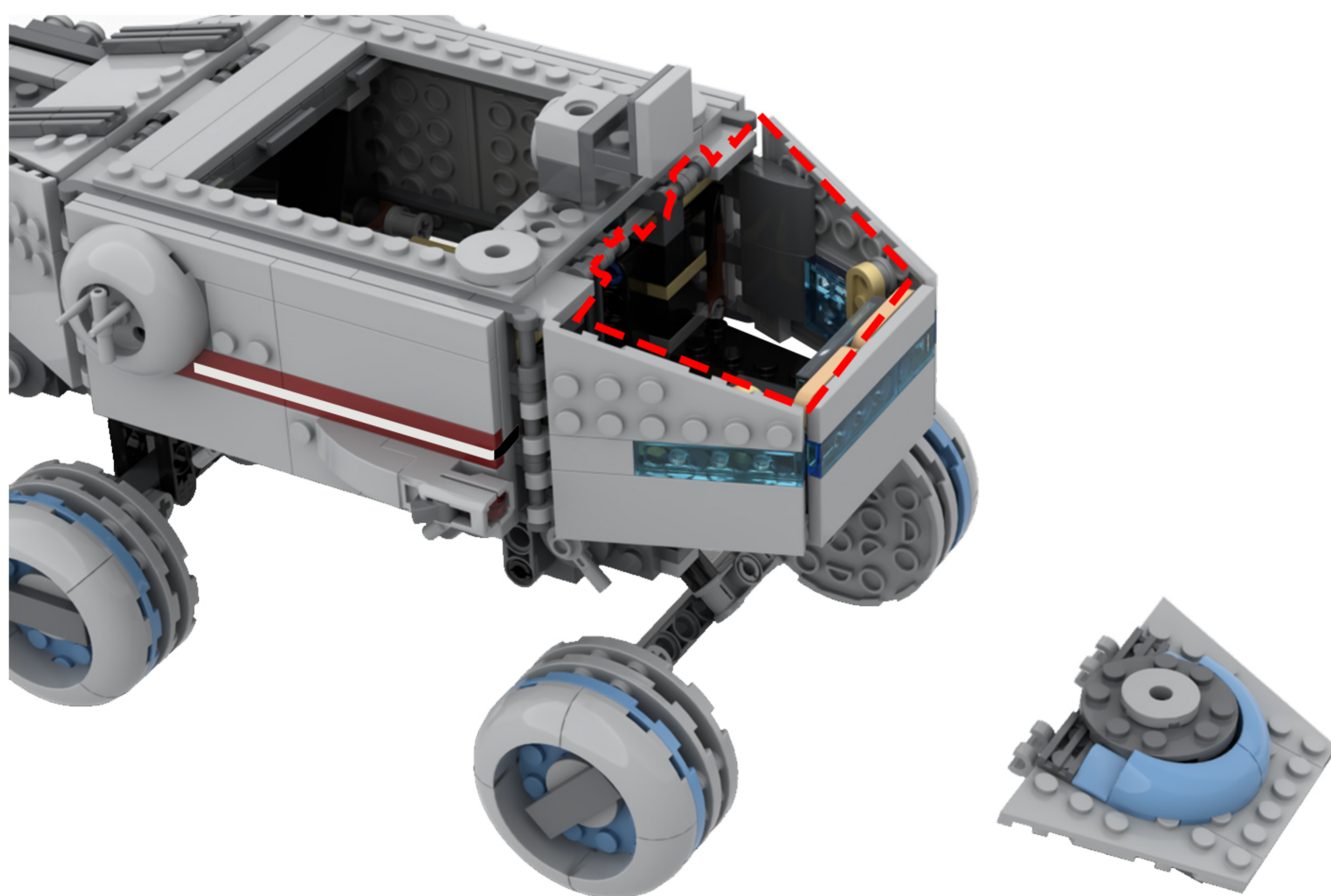
DE: Drehen Sie das Modell um, um es wiederherzustellen.



30

EN: Split as shown in the figure.

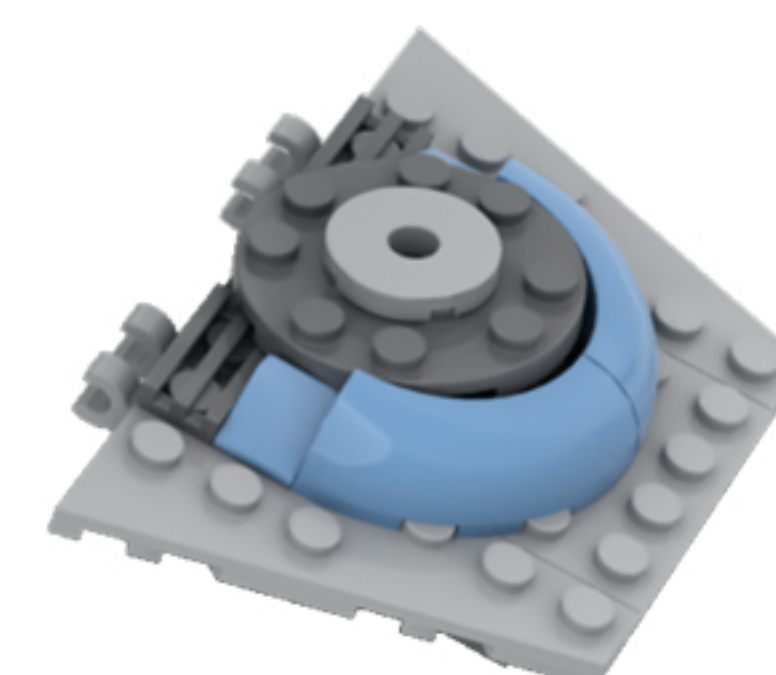
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



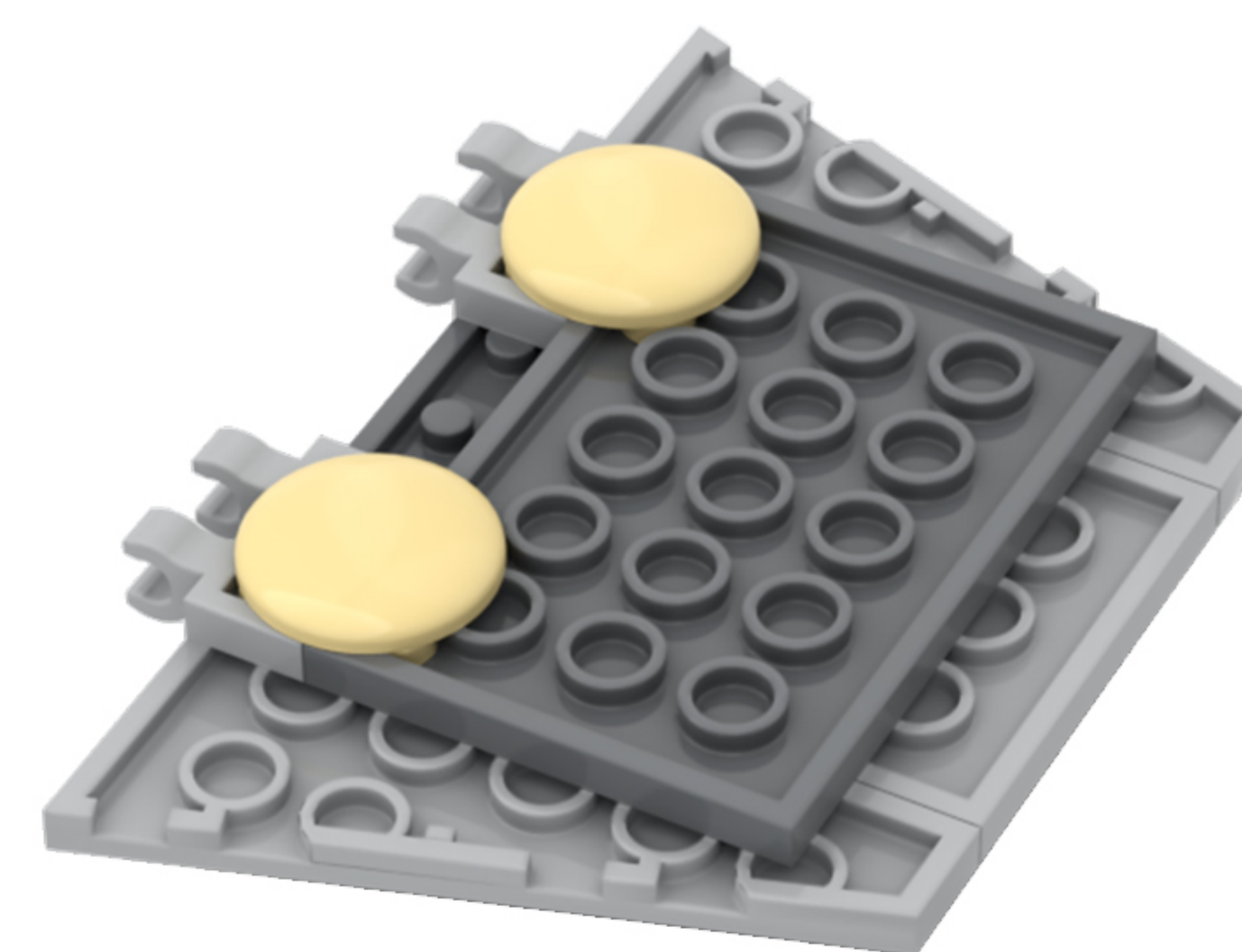
31

EN: Take out the disassembled building blocks and flip them over.

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



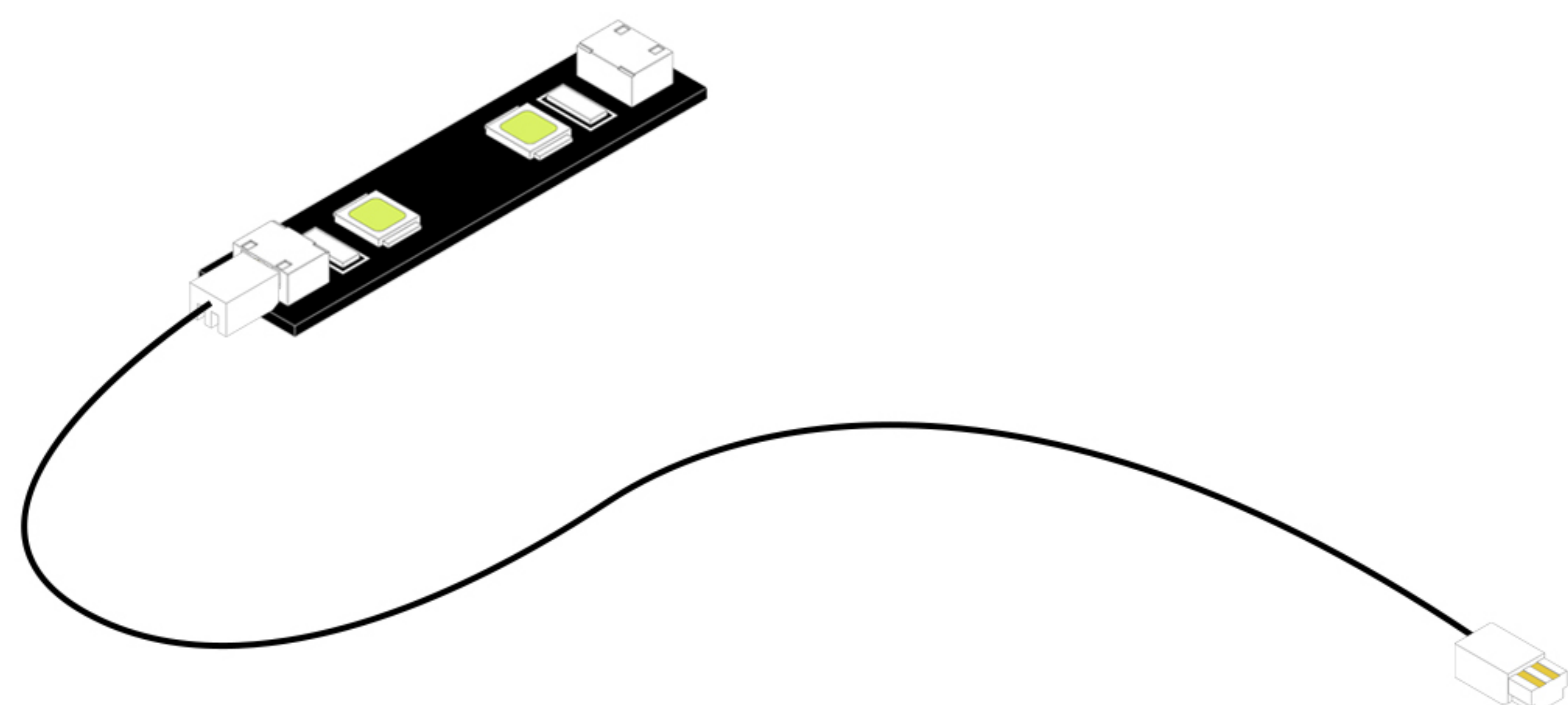
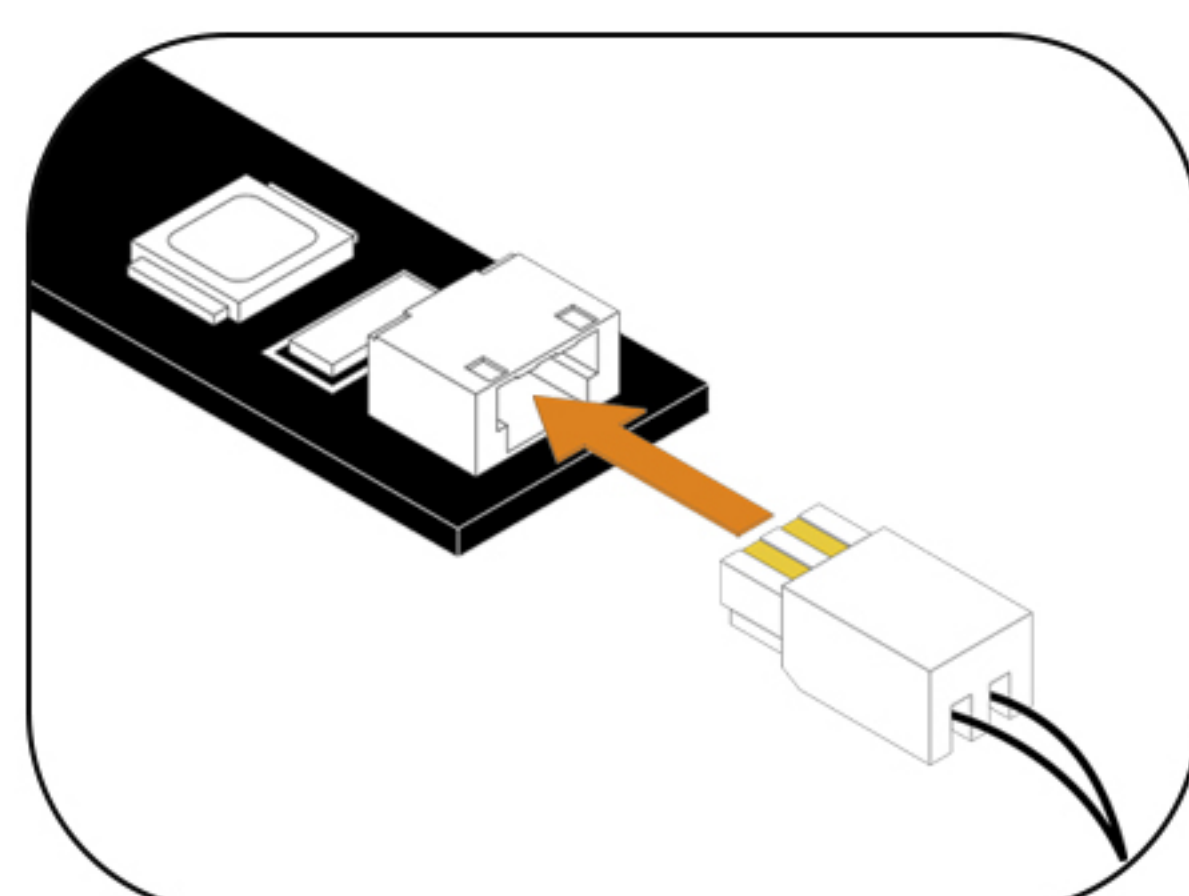
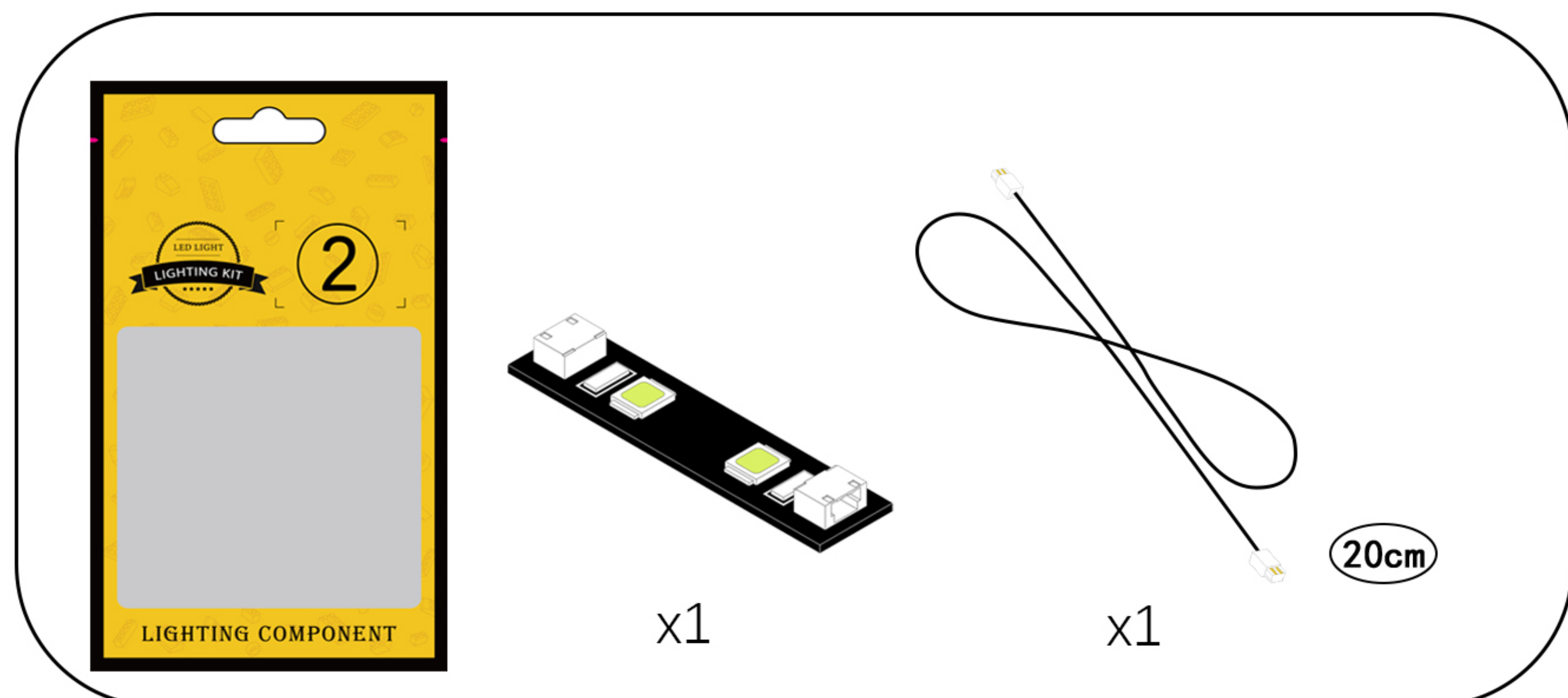
x1



32

EN: Remove the light strip and connecting cable from Bag 2, then connect them together.

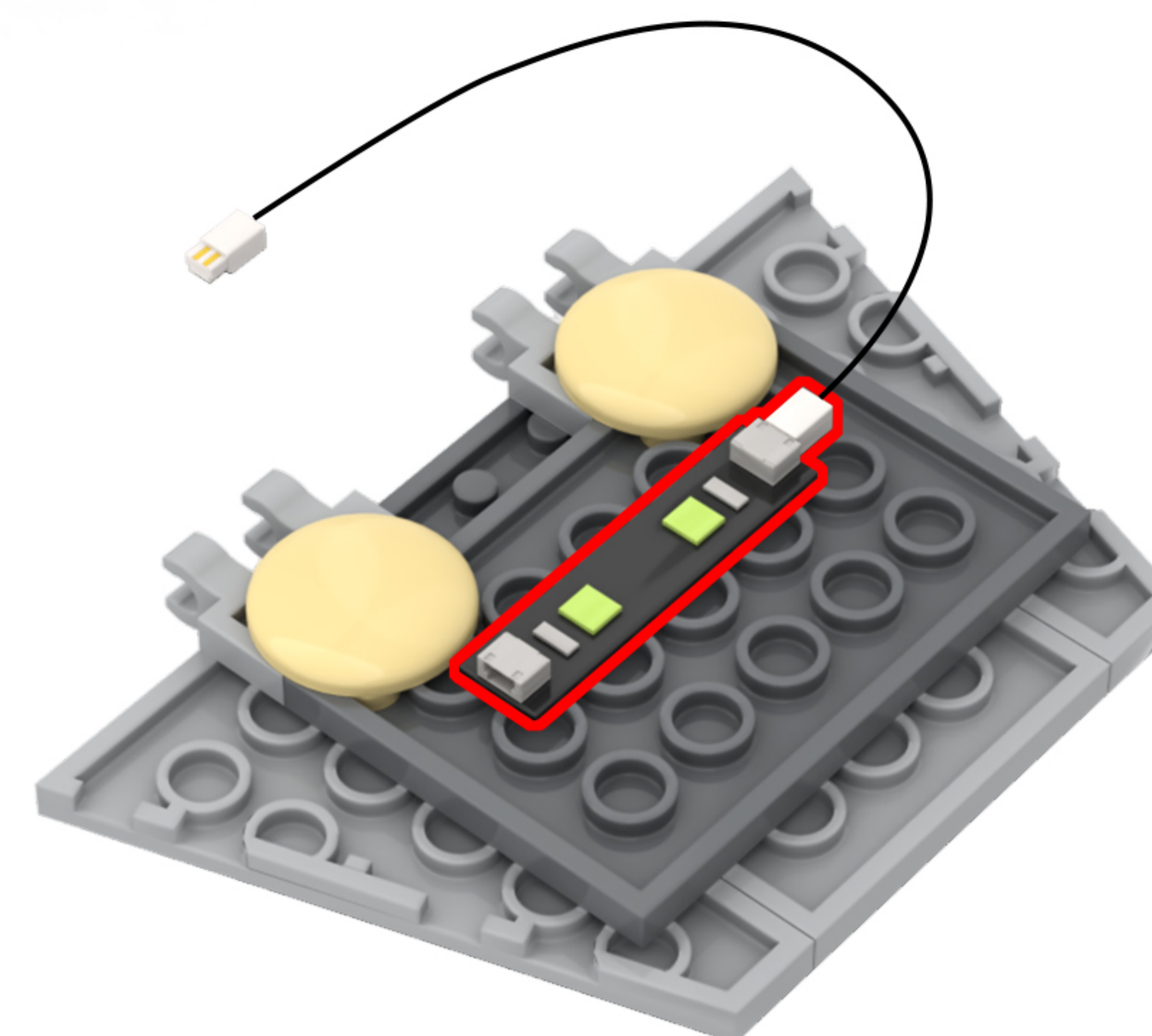
DE: Entnehmen Sie den Lichtstreifen und das Verbindungskabel aus Beutel 2 und verbinden Sie beide miteinander.



33

EN: Peel off the adhesive backing of the light strip and attach it to the indicated location.

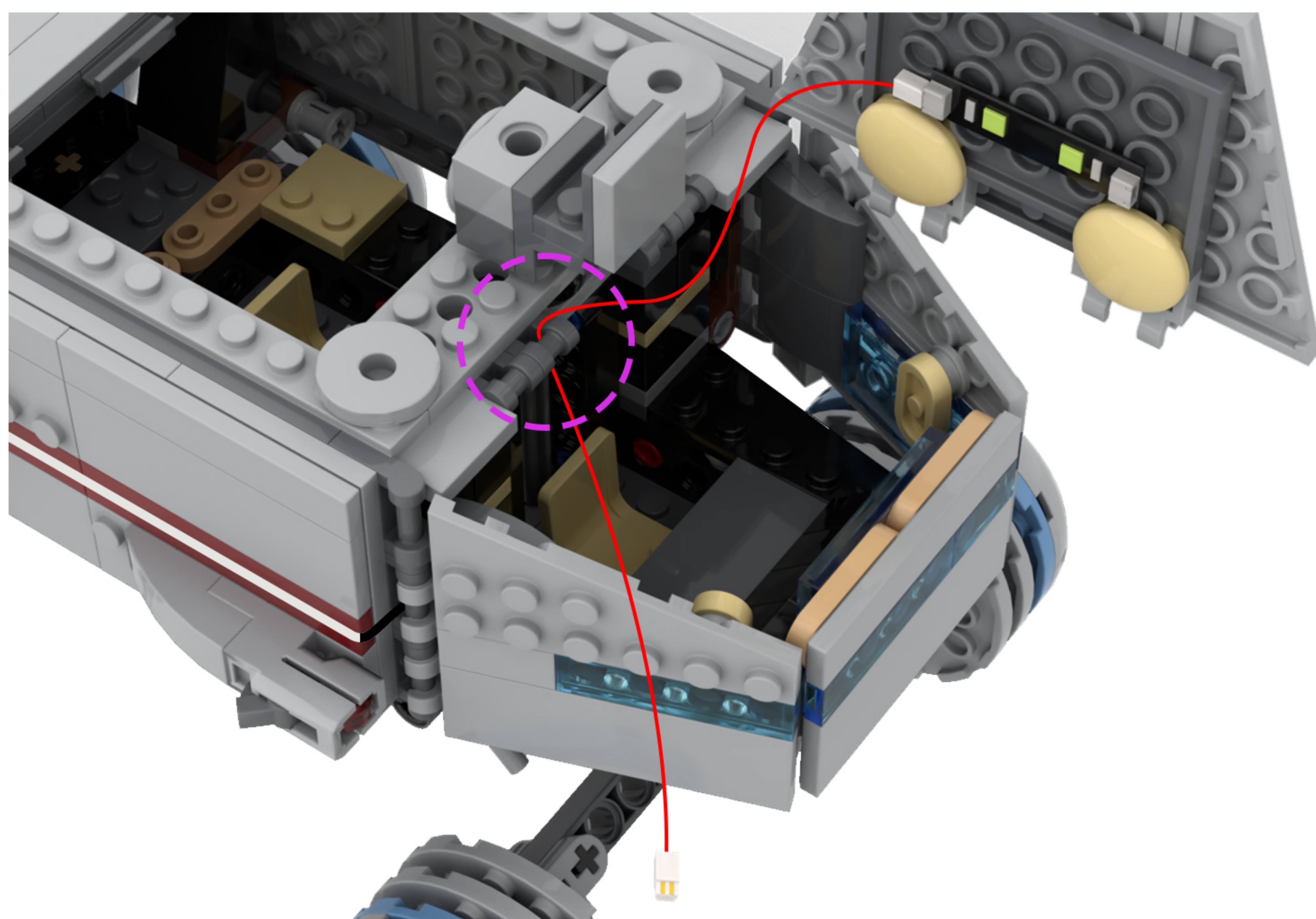
DE: Ziehen Sie die Klebefolie vom Lichtstreifen ab und befestigen Sie ihn an der angegebenen Stelle.



34

EN: Thread the lamp cord through the gaps in the building blocks.

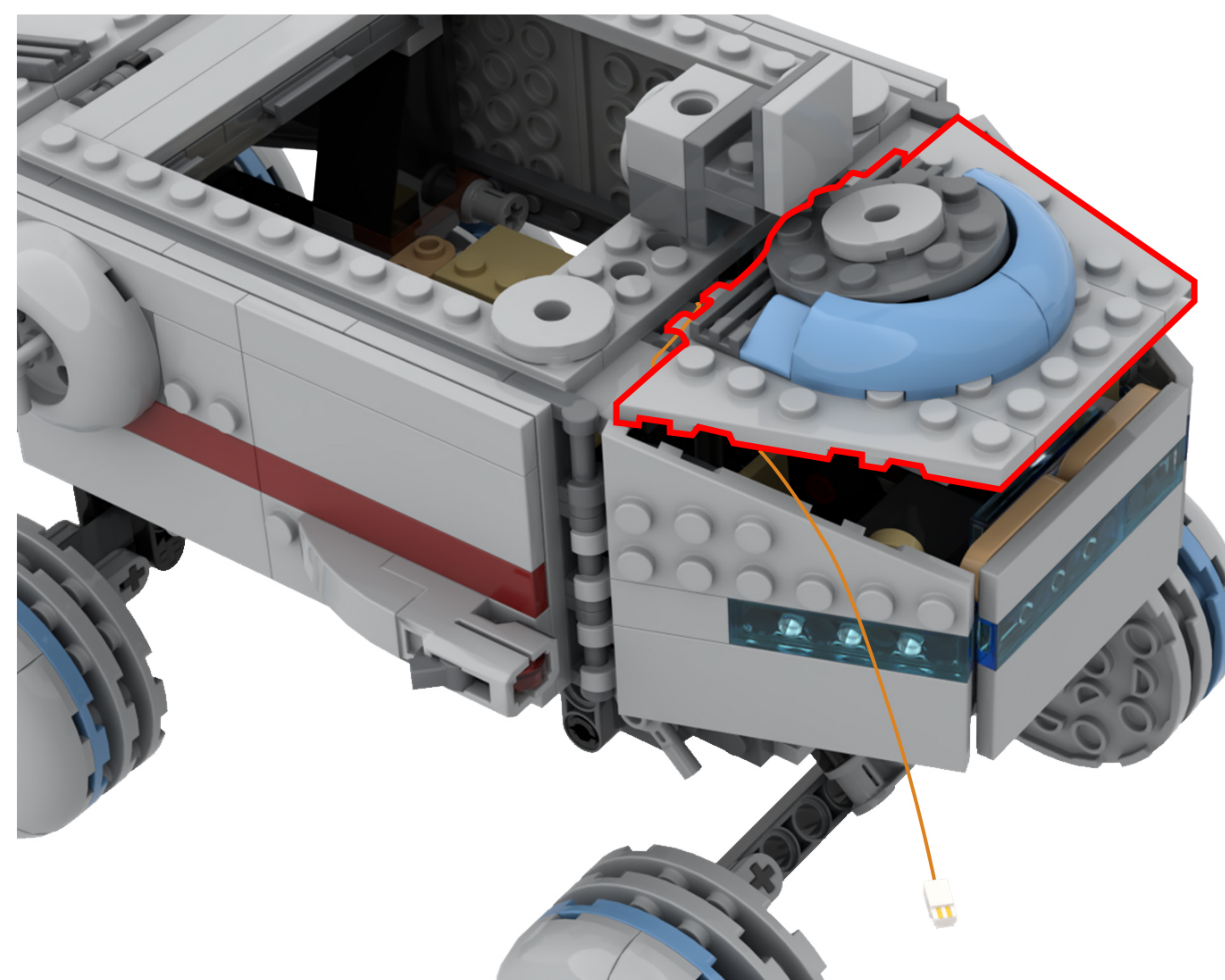
DE: Führen Sie das Lampenkabel durch die Lücken in den Bausteinen.



35

EN: Restore the building blocks.

DE: Stellen Sie die Bausteine wieder her.

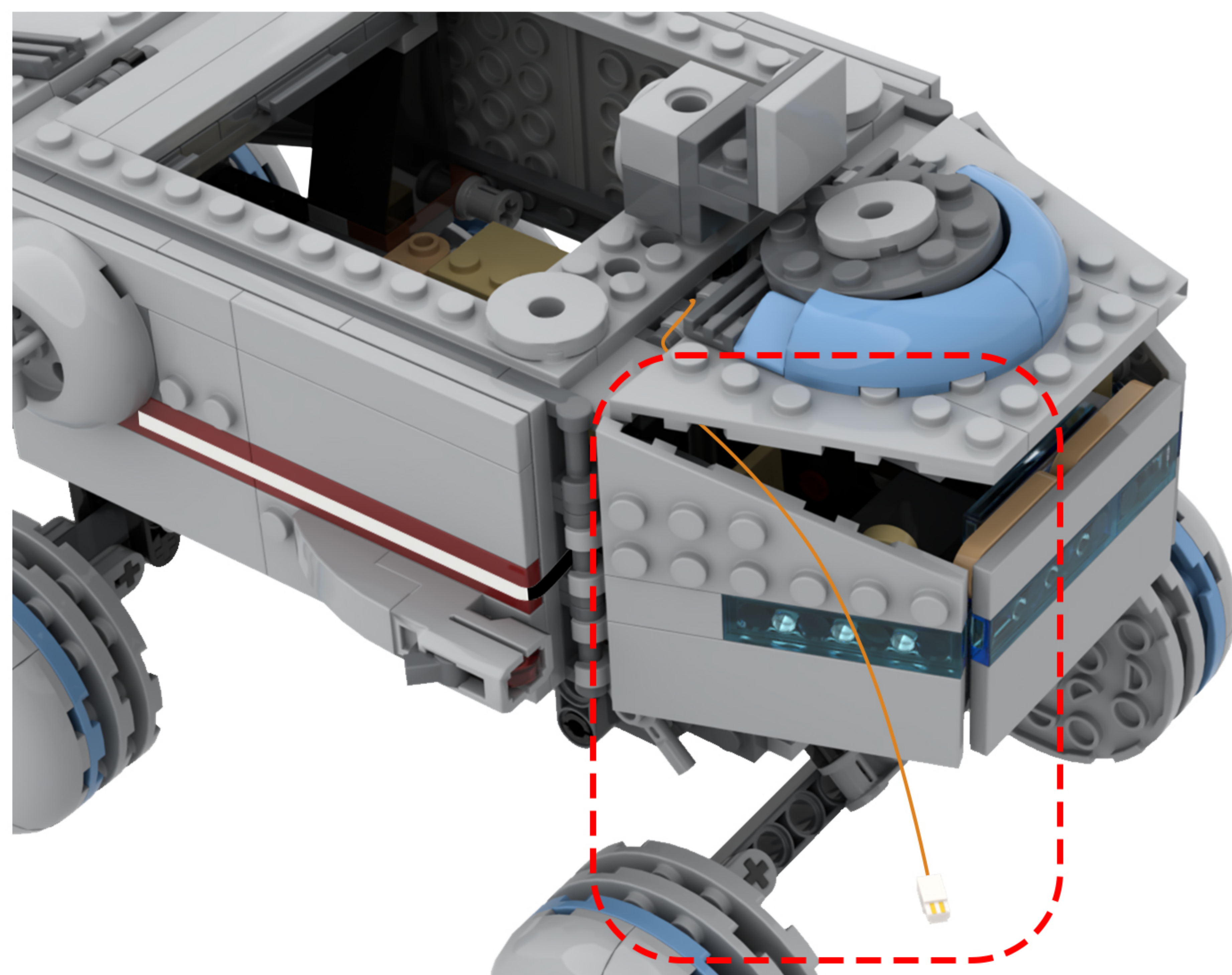


Note: When restoring, leave a small gap.

36

EN: Locate this light cord in the diagram.

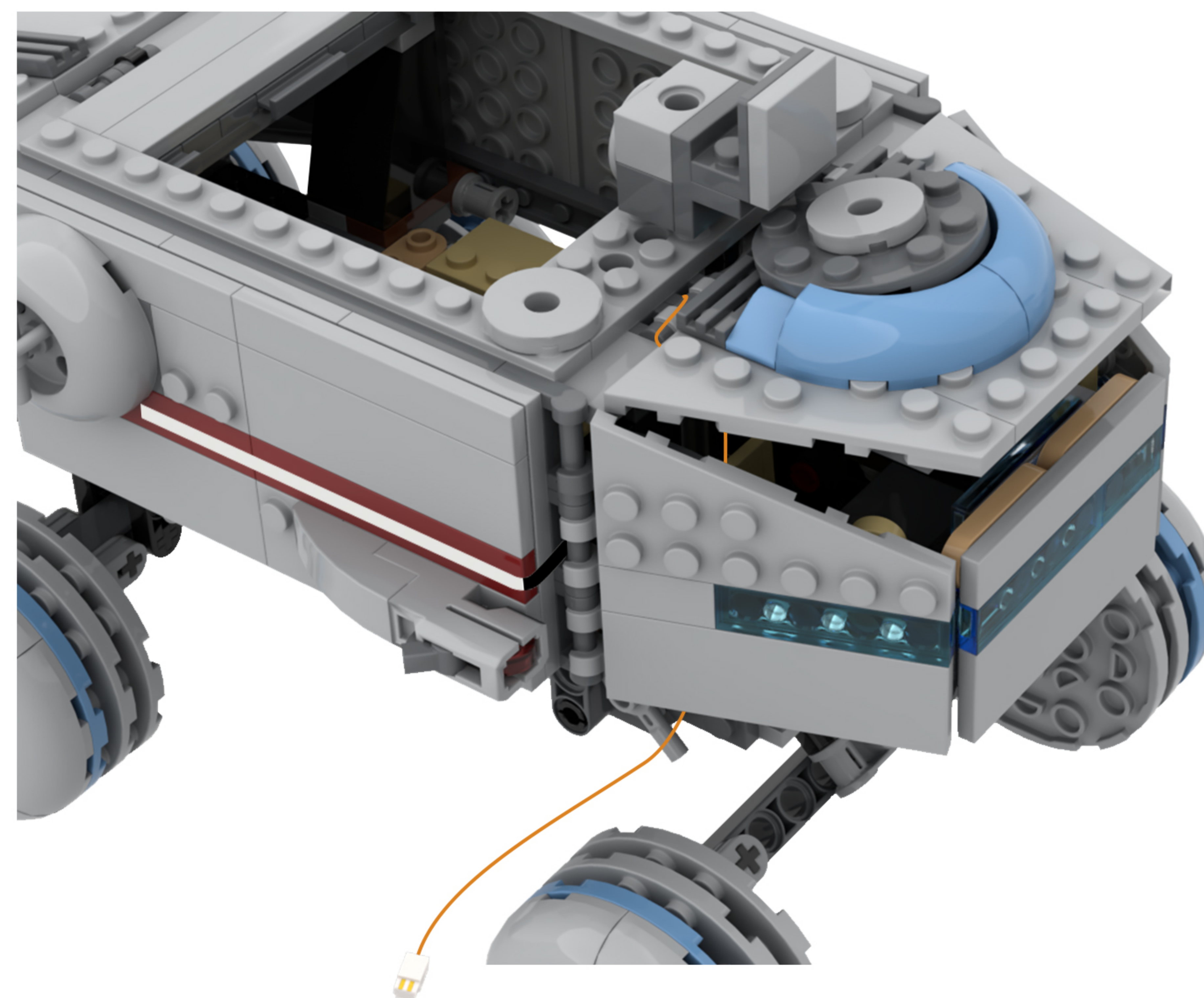
DE: Suchen Sie dieses Lichtkabel in der Abbildung.



37

EN: Run the lamp cable through the side of the building block.

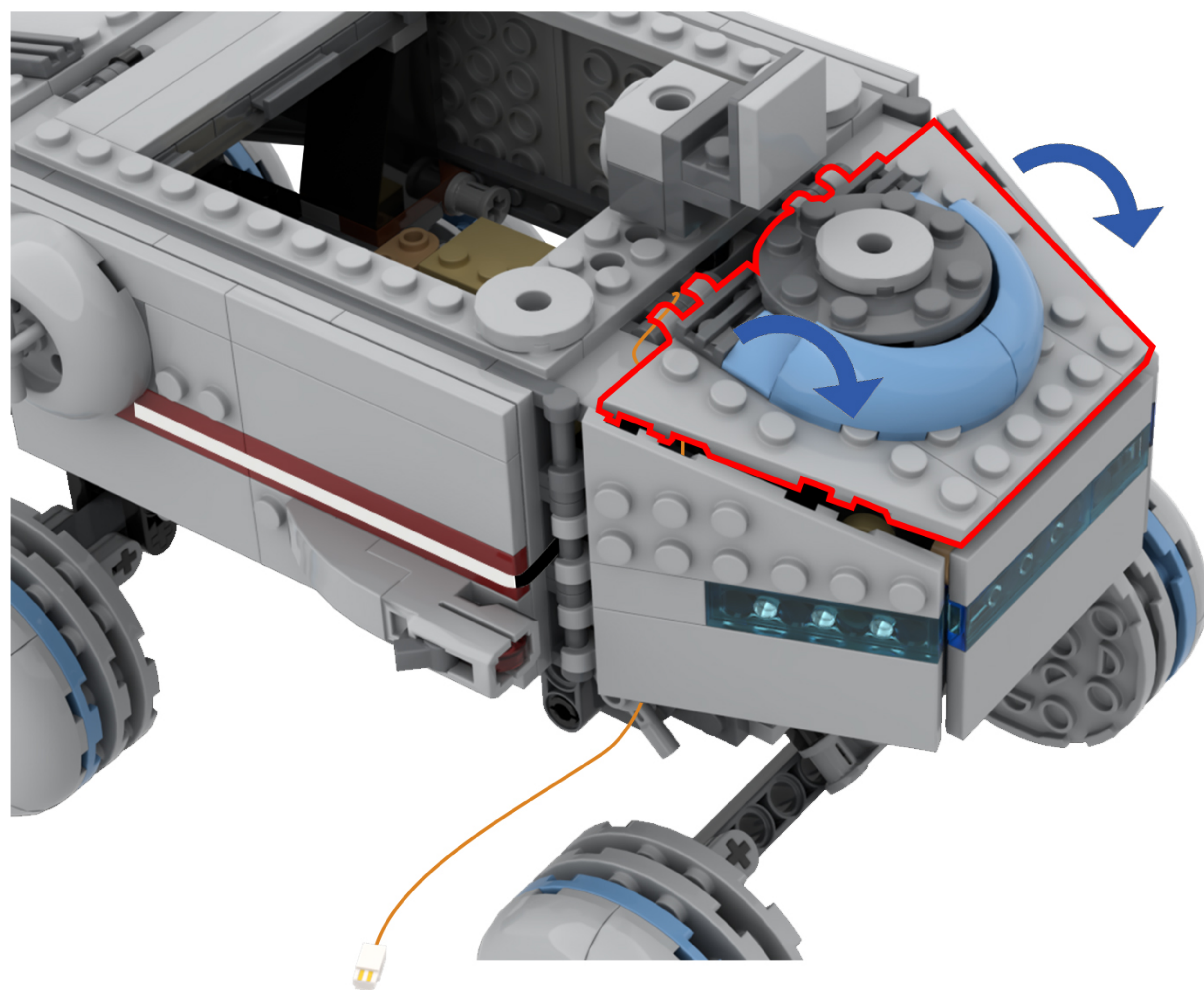
DE: Führen Sie das Lampenkabel durch die Seite des Bausteins.



38

EN: Rotate the building block to restore it

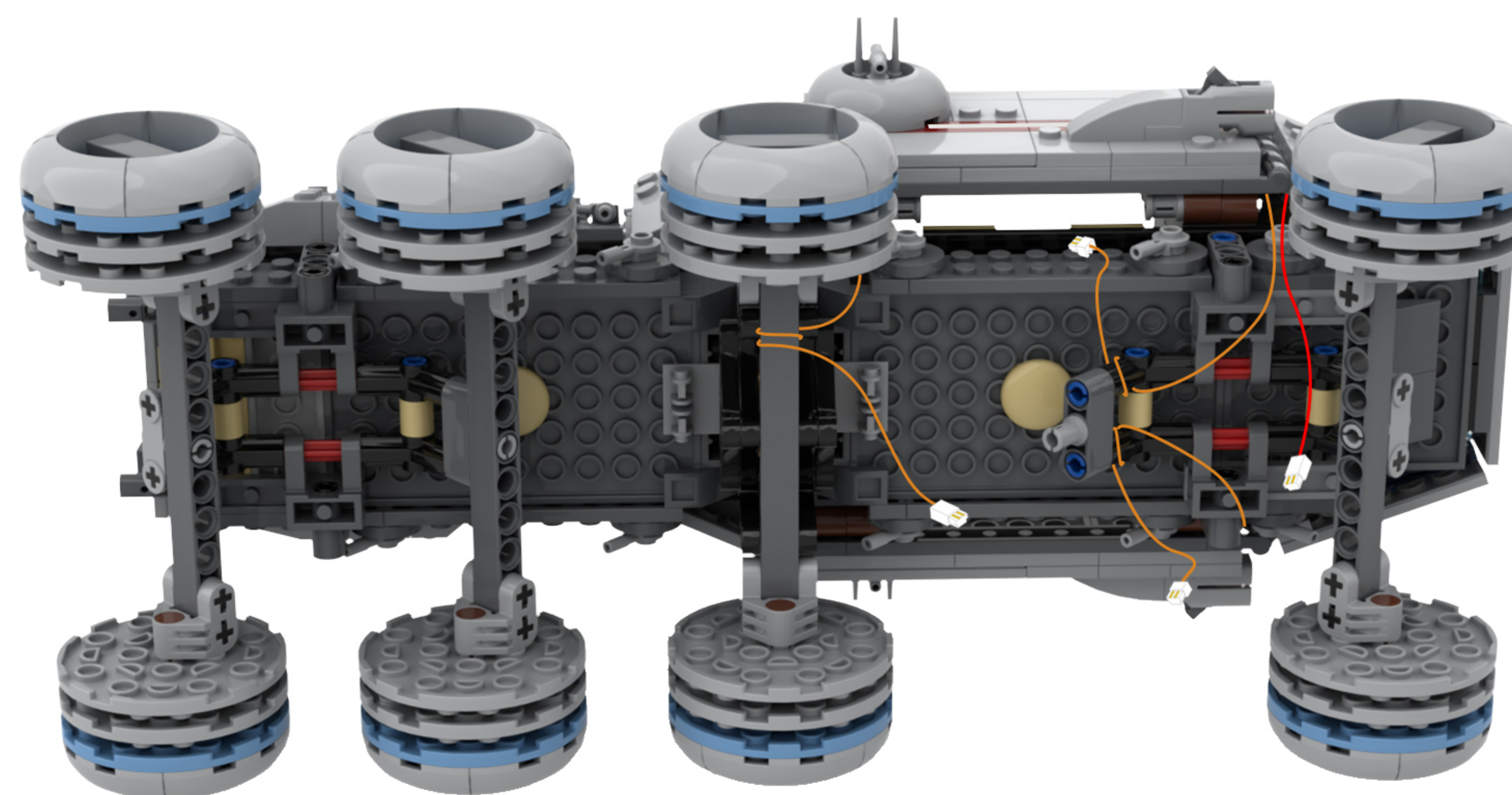
DE: Drehen Sie den Baustein, um ihn wiederherzustellen.



39

EN: Place the block model on its side.

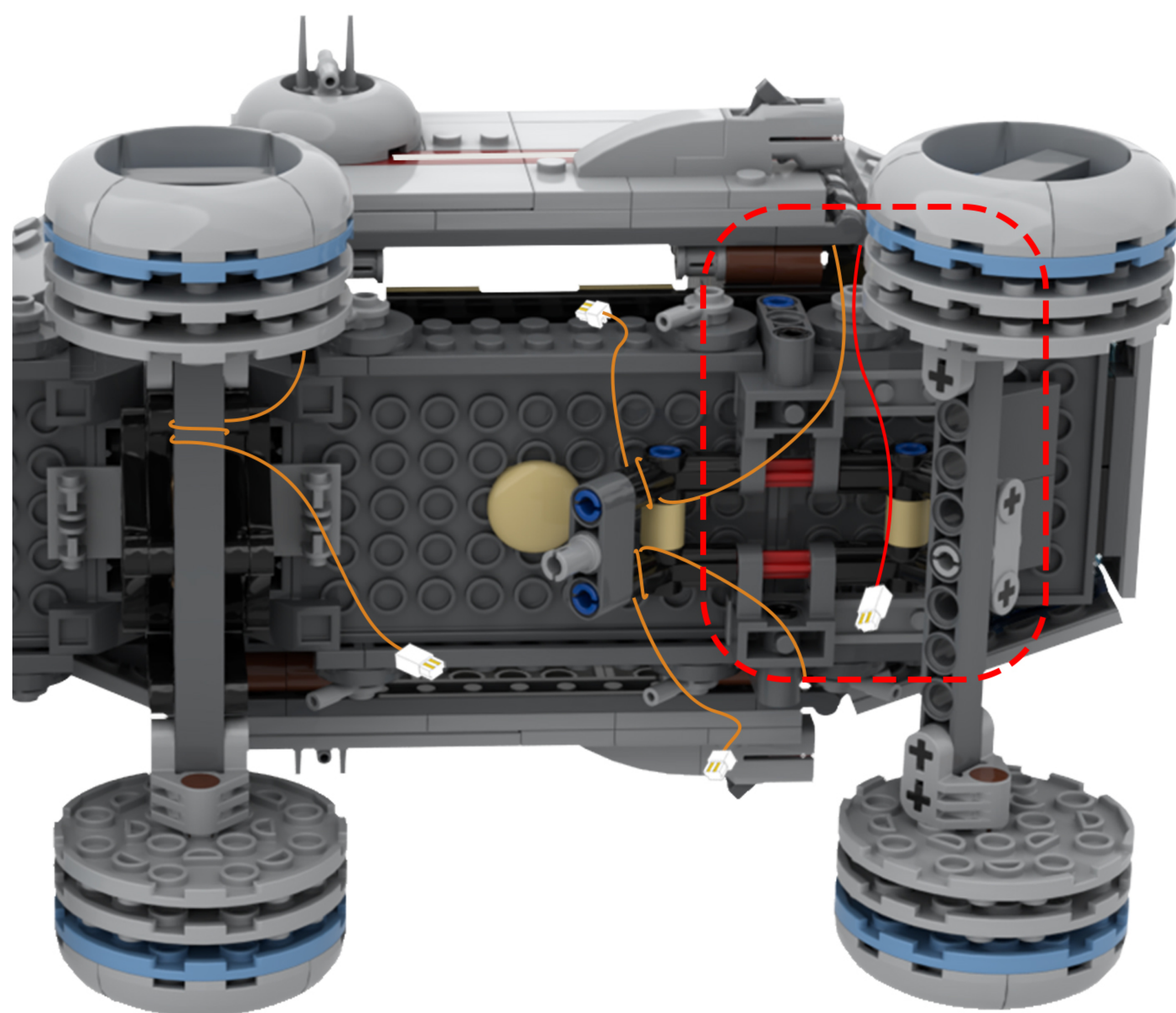
DE: Legen Sie das Blockmodell auf die Seite.



40

EN: Locate this light cord in the diagram.

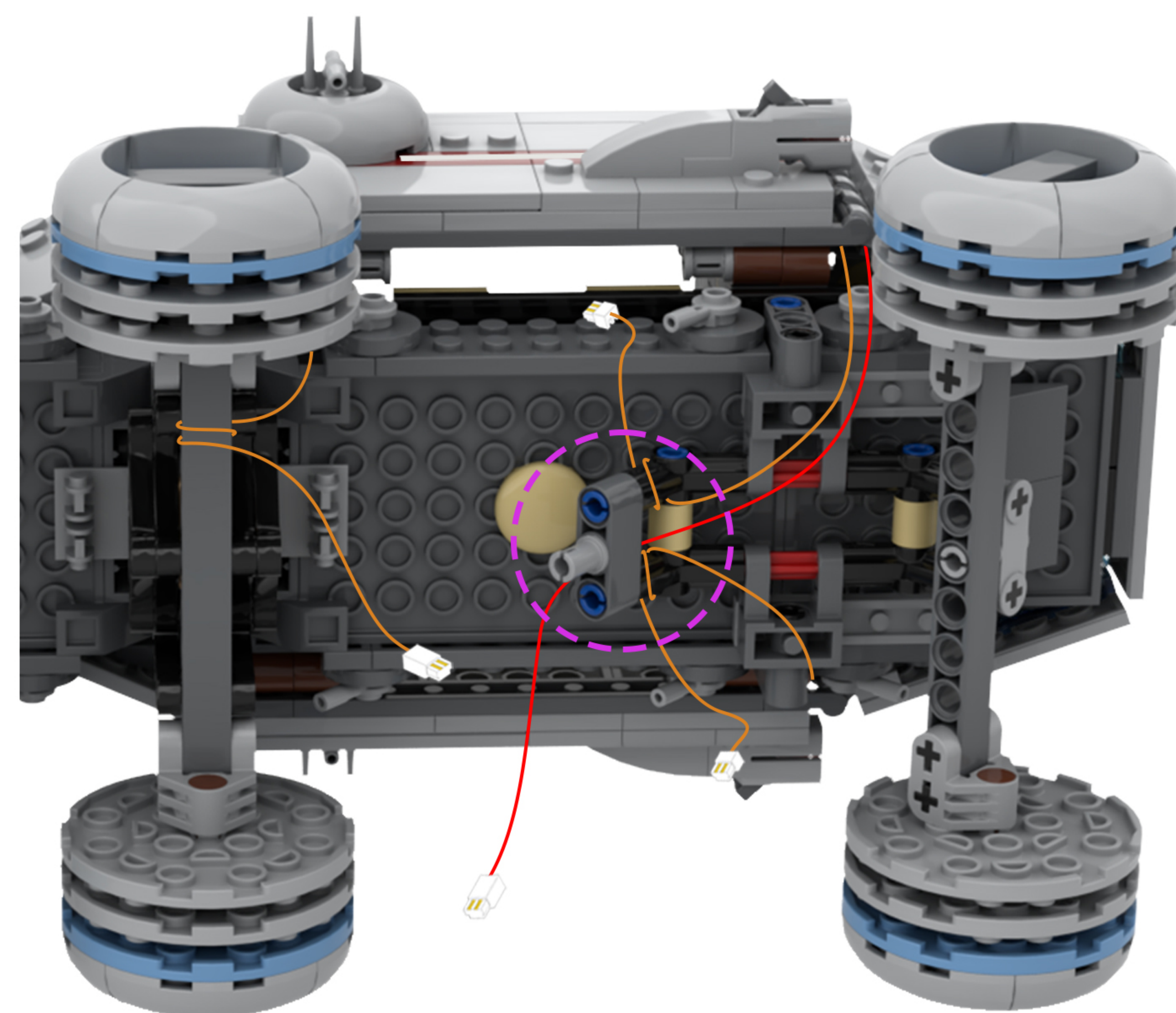
DE: Suchen Sie dieses Lichtkabel in der Abbildung.



41

EN: Thread the lamp cord through the gap in the building block.

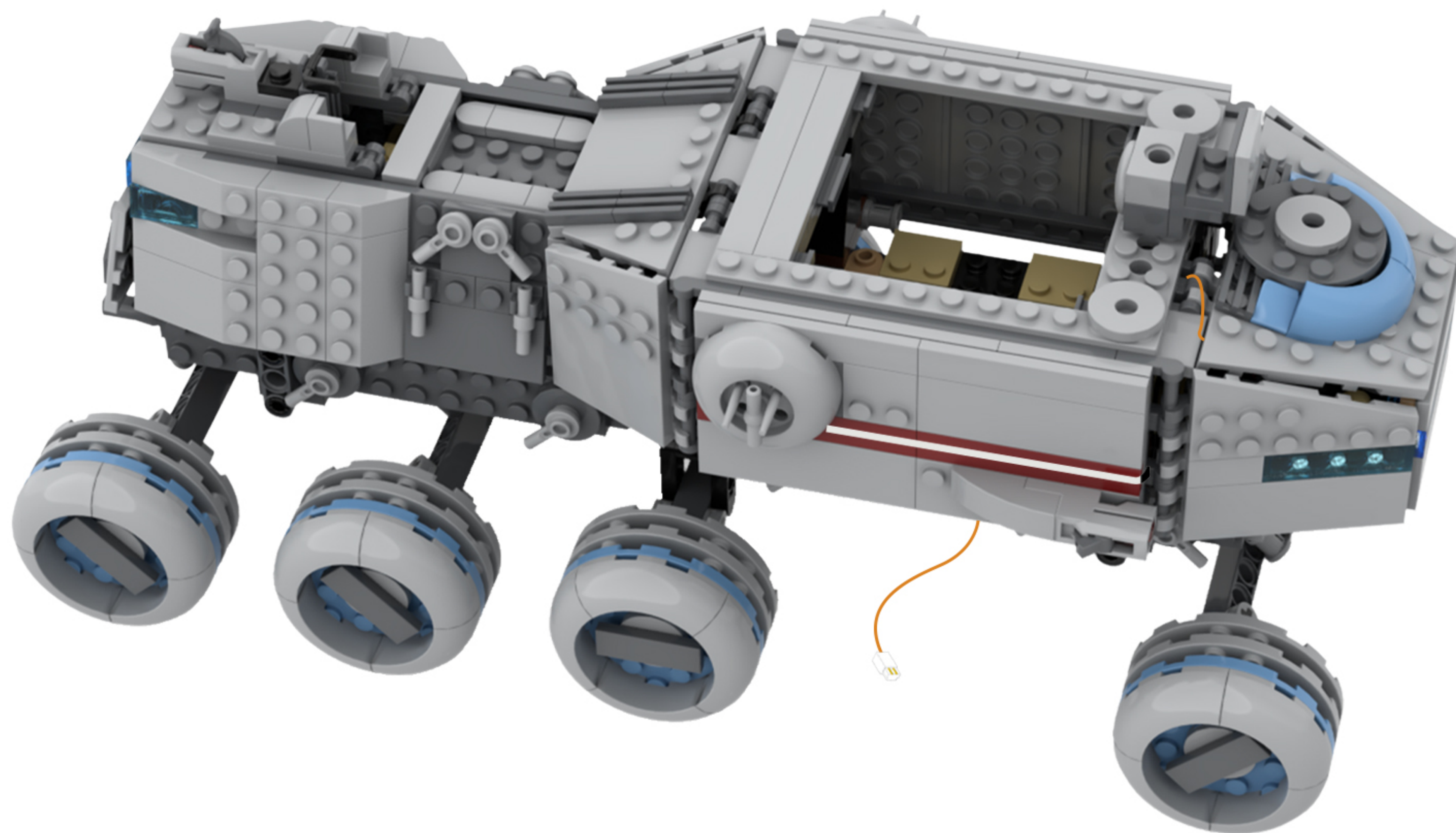
DE: Führen Sie das Lampenkabel durch die Öffnung im Baustein.



42

EN: Flip the model to restore it.

DE: Drehen Sie das Modell um, um es wiederherzustellen.



43

EN: Rotate the model to the position shown in the diagram.

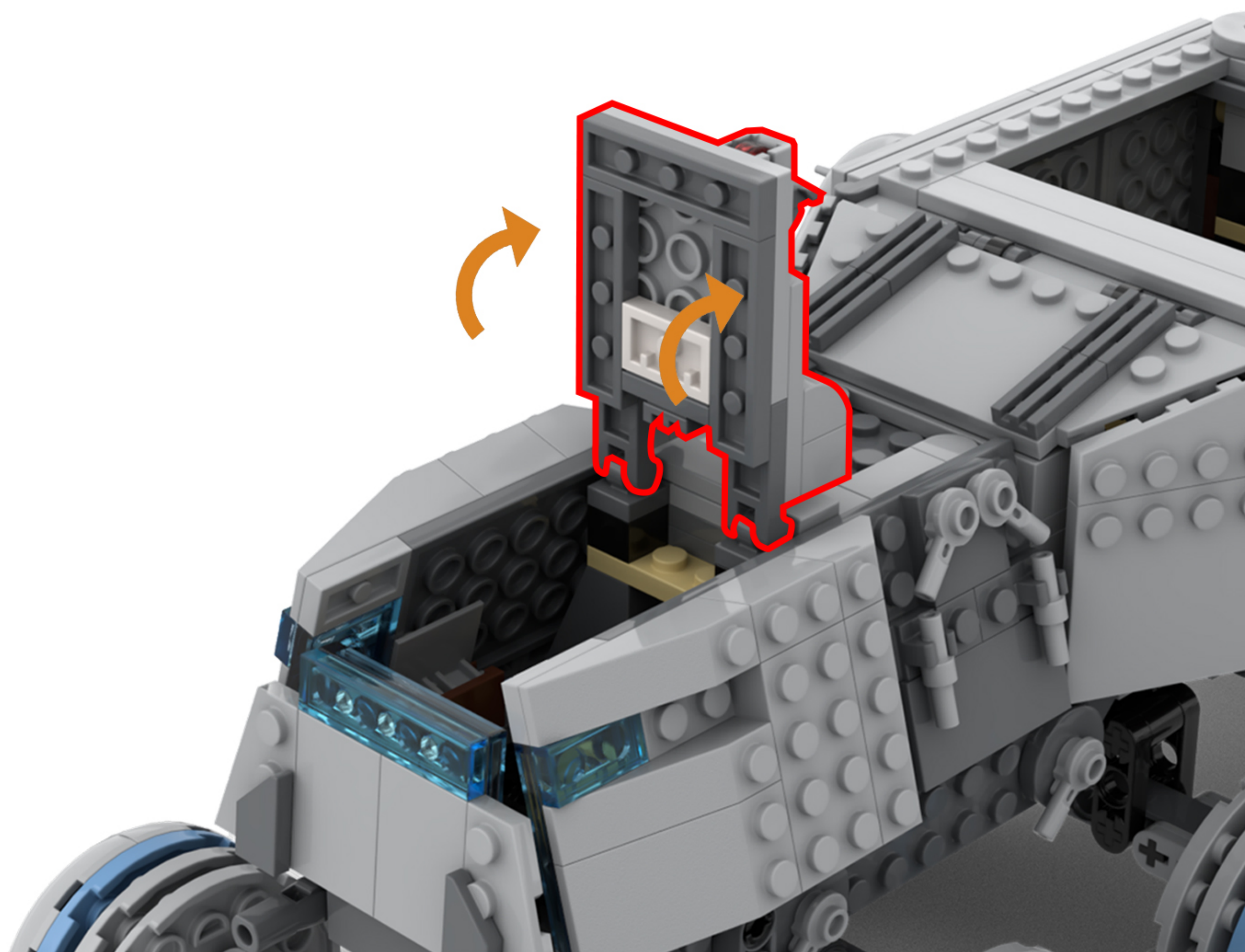
DE: Drehen Sie das Modell in die in der Abbildung gezeigte Position.



44

EN: Open the building blocks.

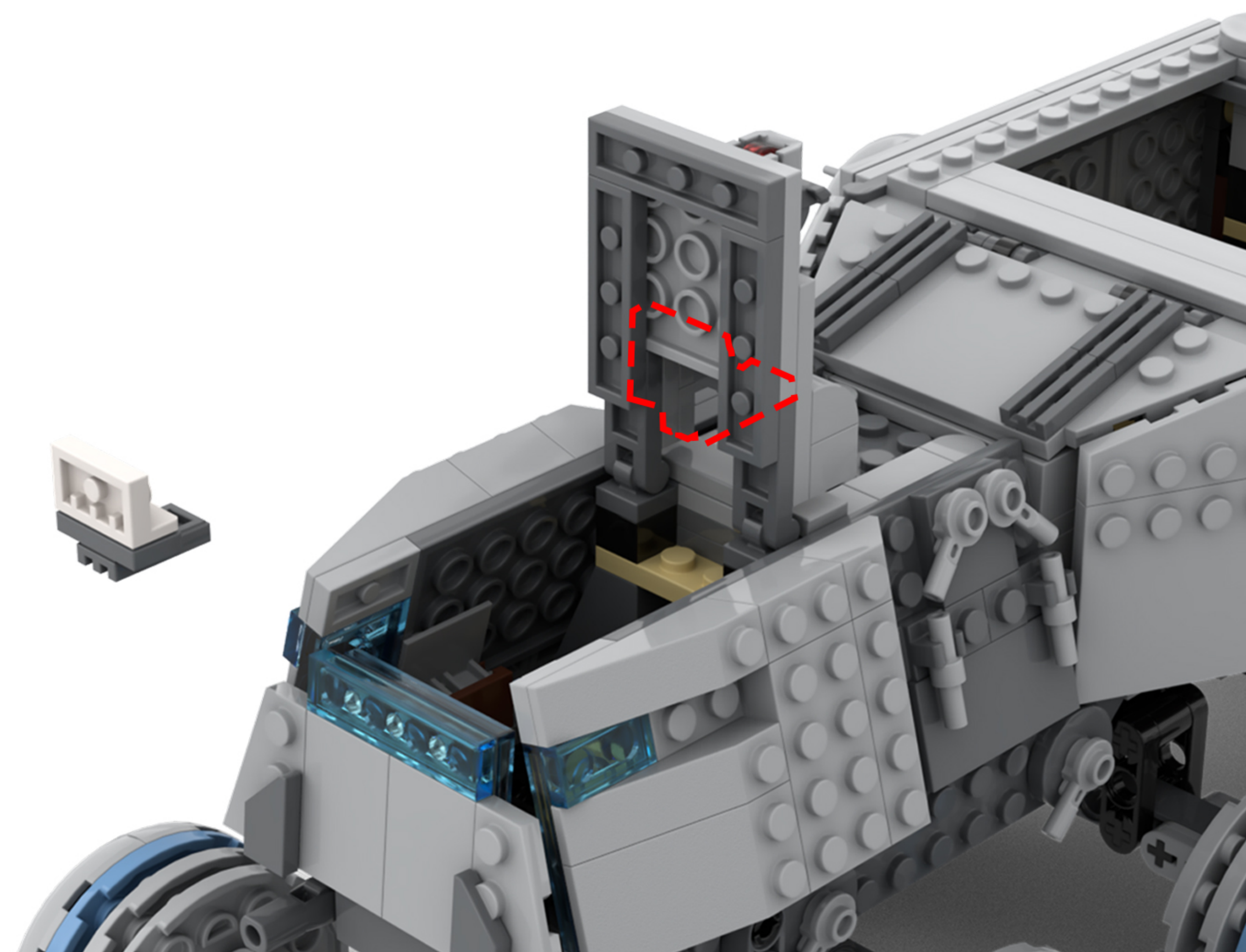
DE: Öffnen Sie die Bausteine.



45

EN: Split as shown in the figure.

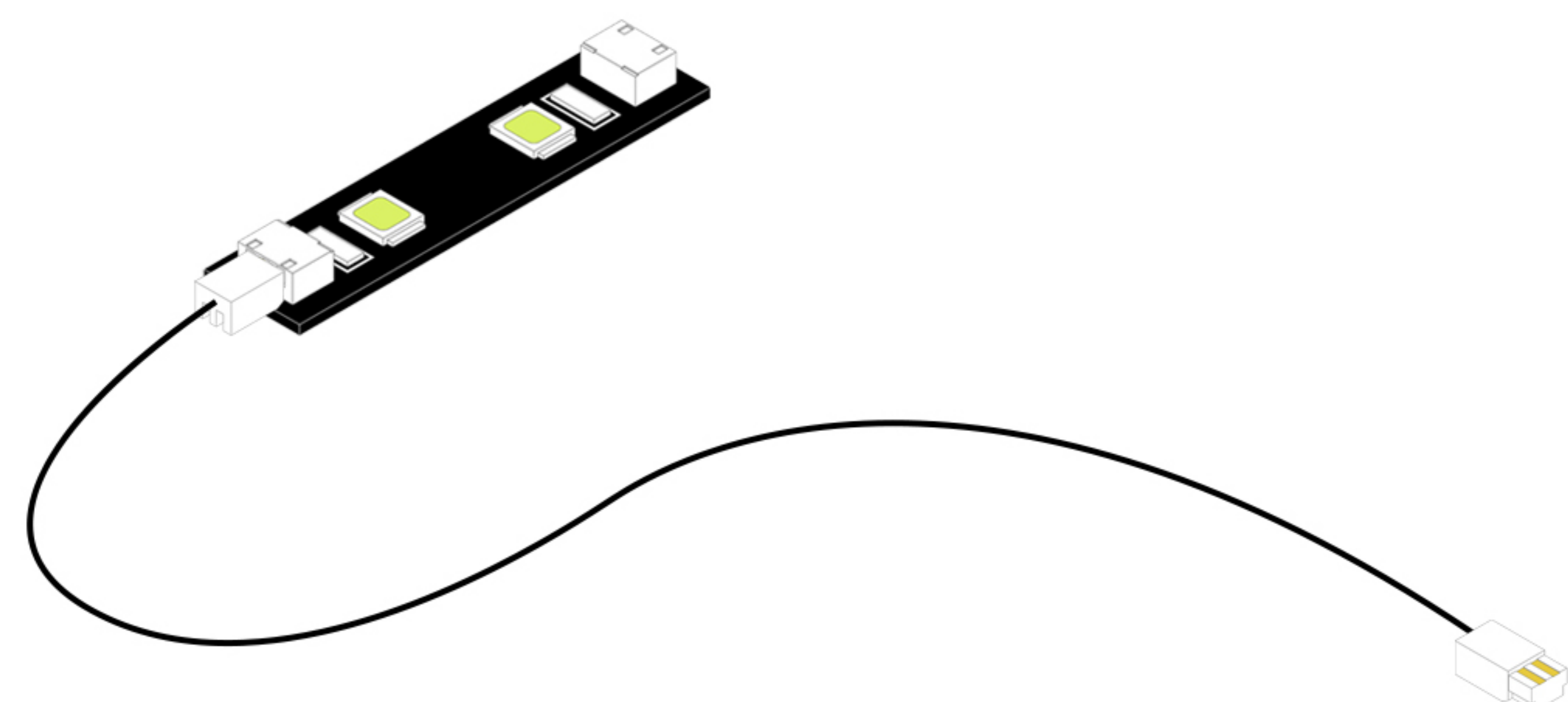
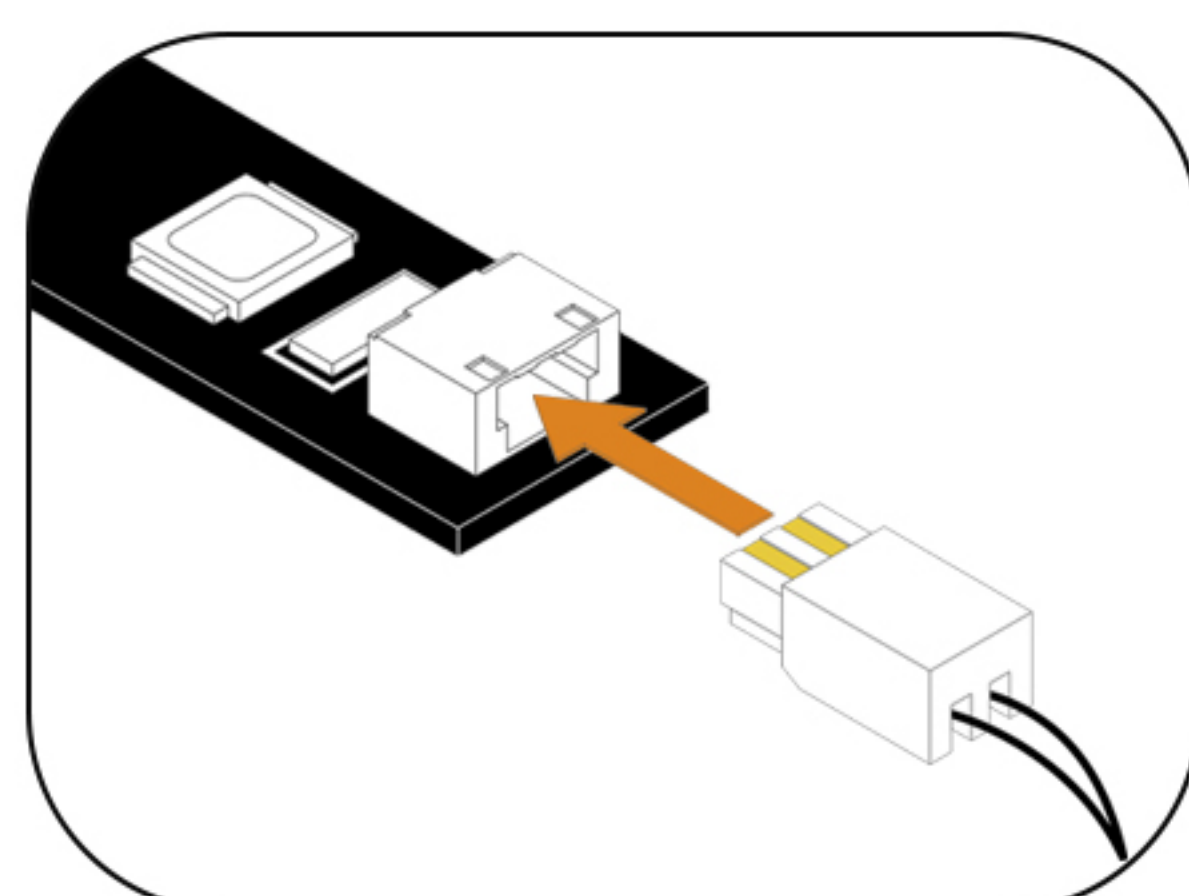
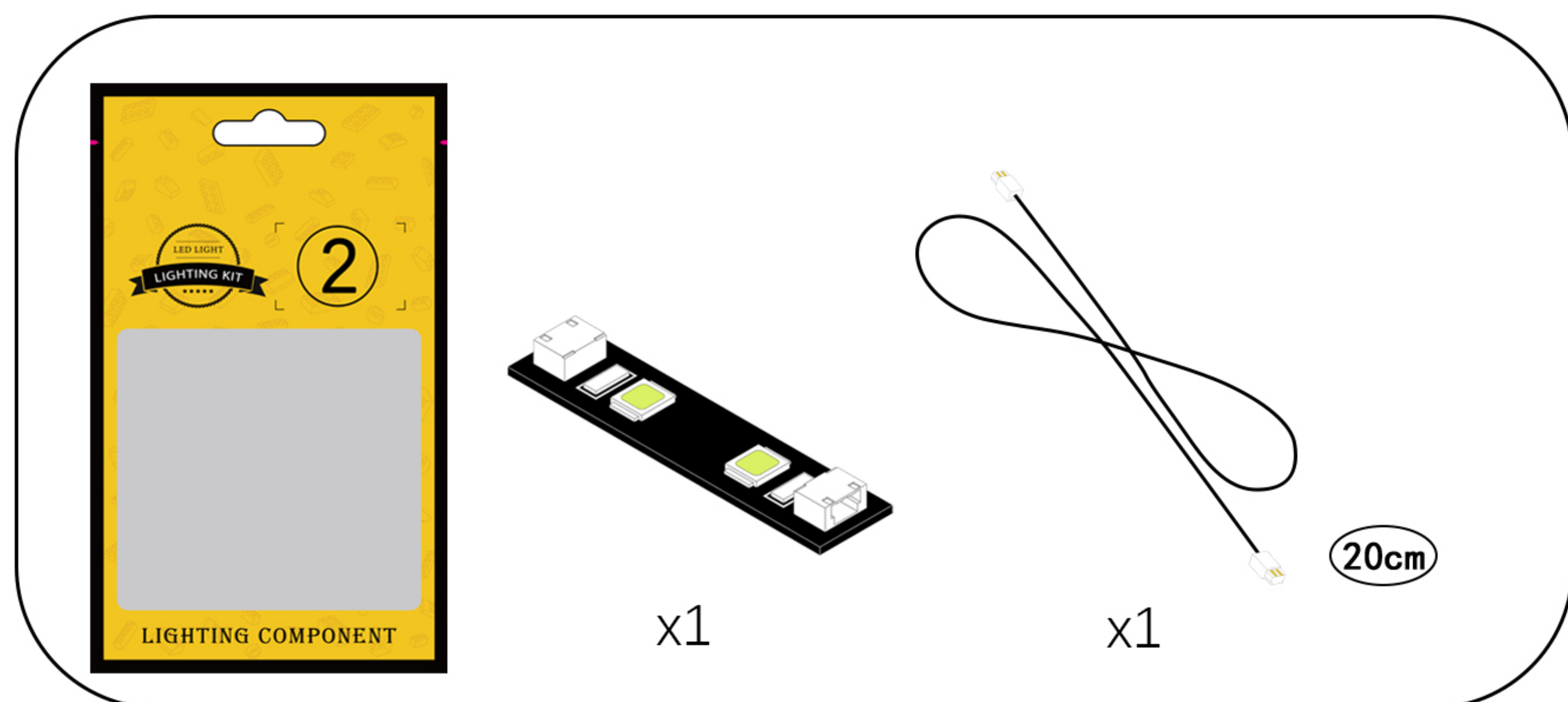
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



46

EN: Remove the light strip and connecting cable from Bag 2, then connect them together.

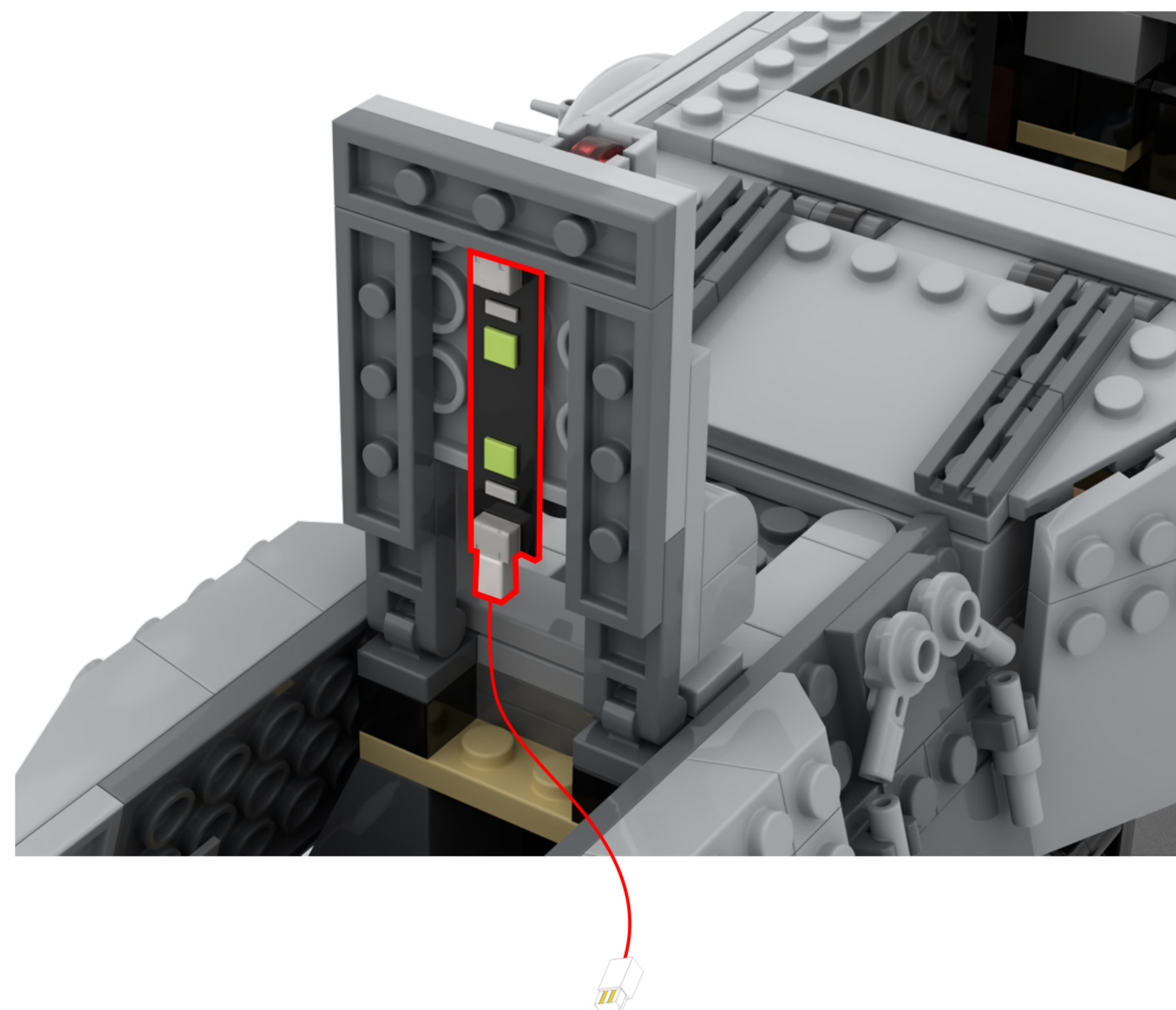
DE: Entnehmen Sie den Lichtstreifen und das Verbindungskabel aus Beutel 2 und verbinden Sie beide miteinander.



47

EN: Peel off the adhesive backing of the light strip and attach it to the indicated location.

DE: Ziehen Sie die Klebefolie vom Lichtstreifen ab und befestigen Sie ihn an der angegebenen Stelle.

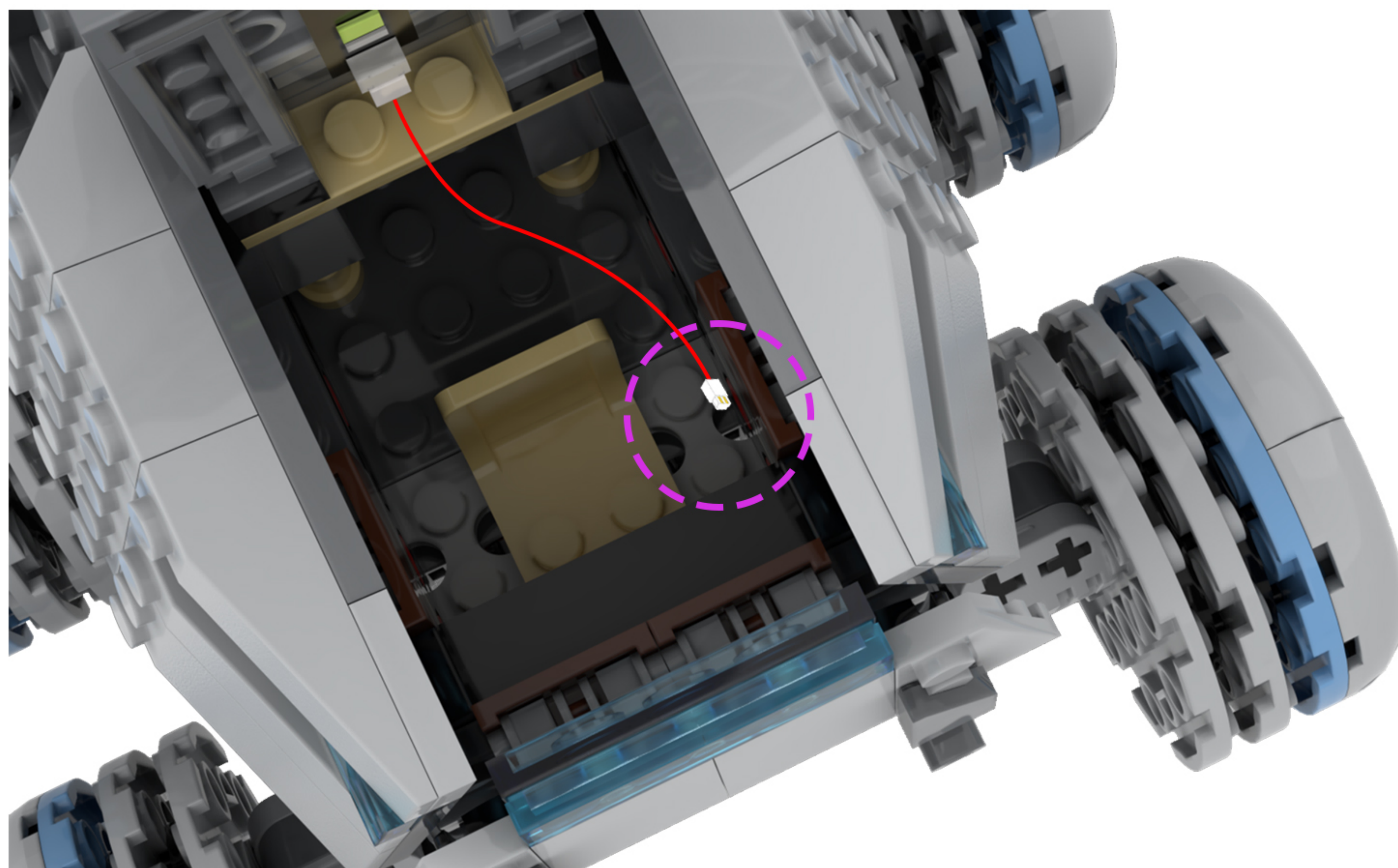


48

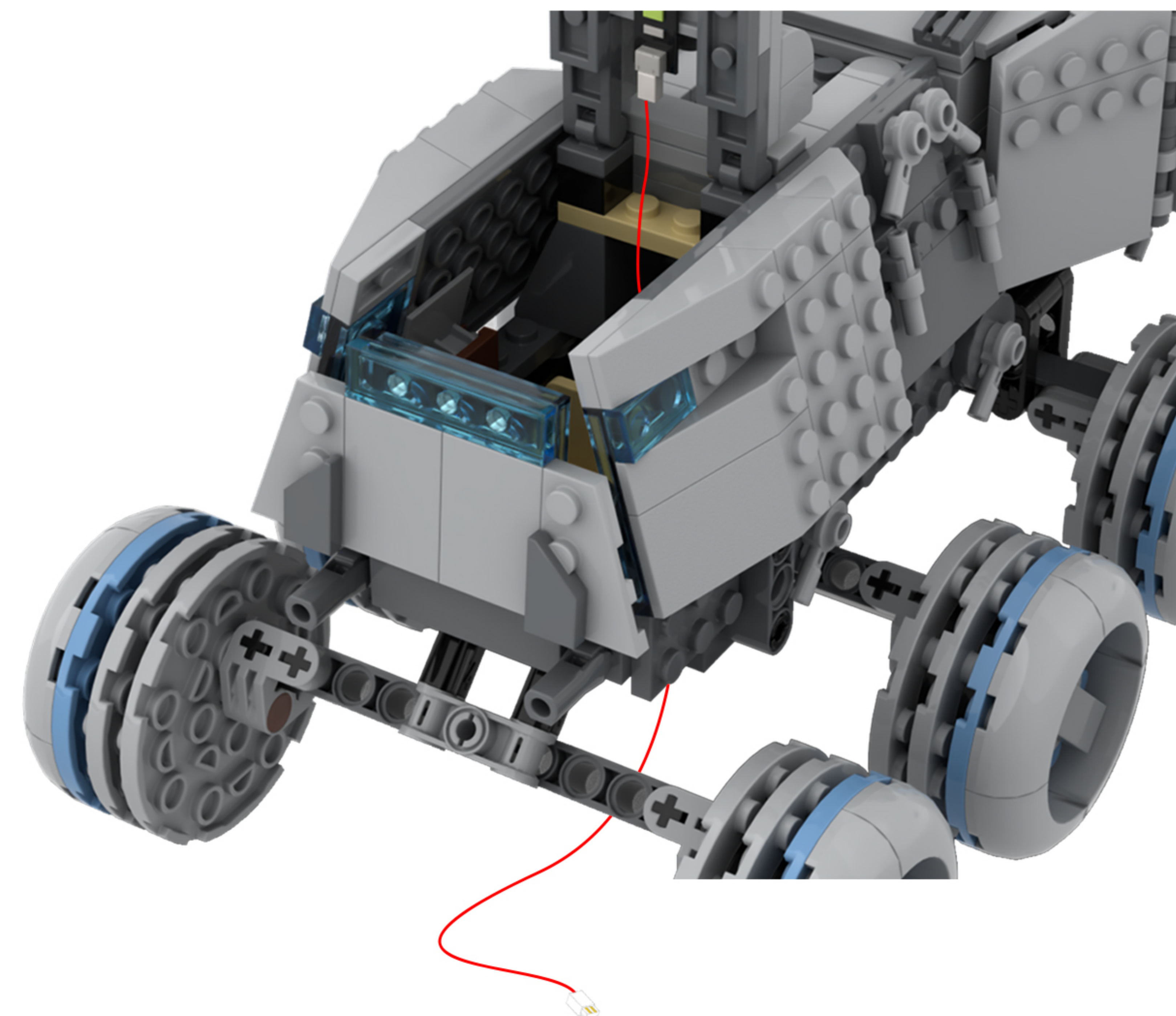
EN: Thread the lamp cord through the holes in the 2x6 base board.

DE: Führen Sie das Lampenkabel durch die Löcher in der 2x6-Grundplatte.

①.



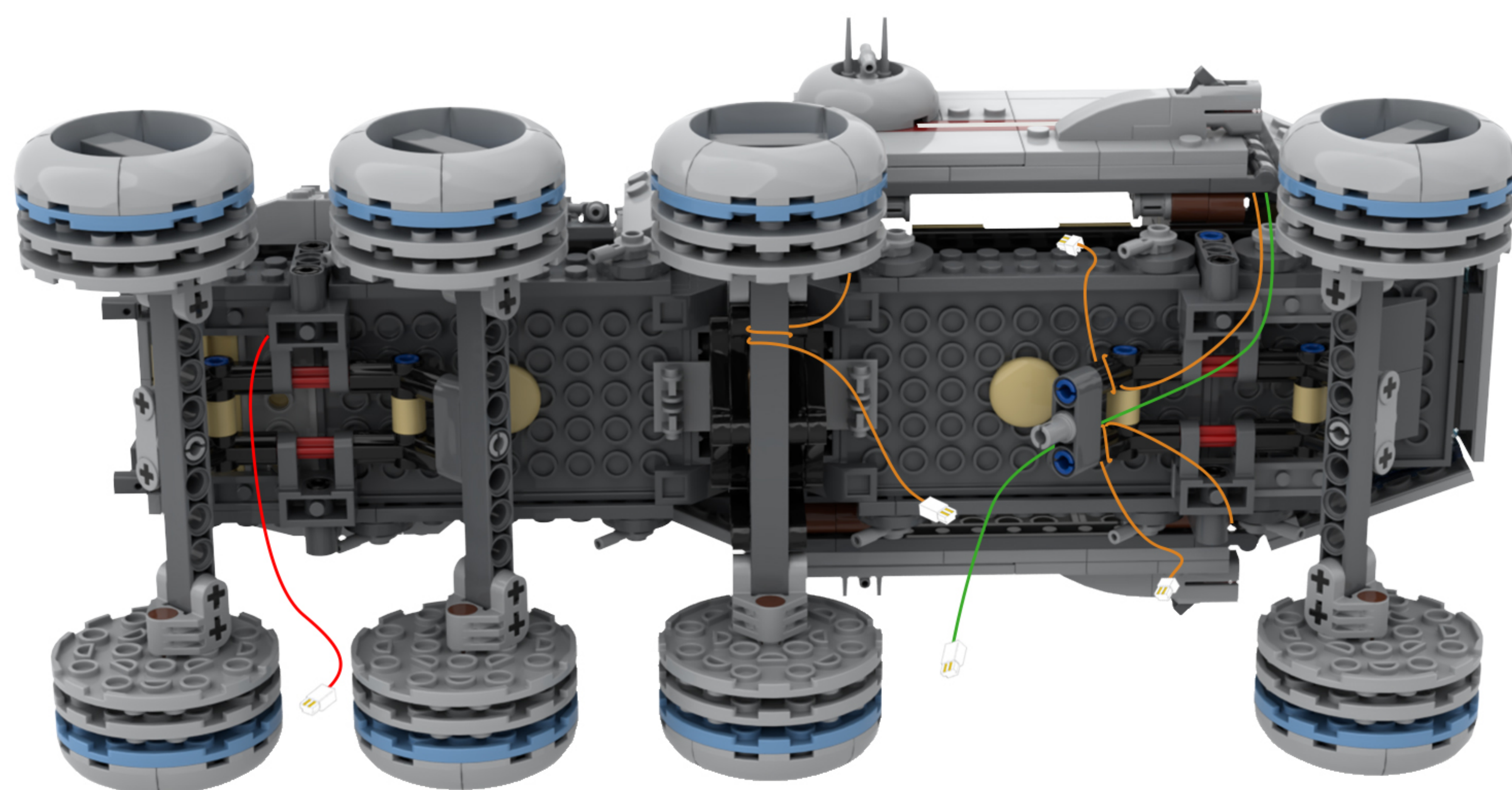
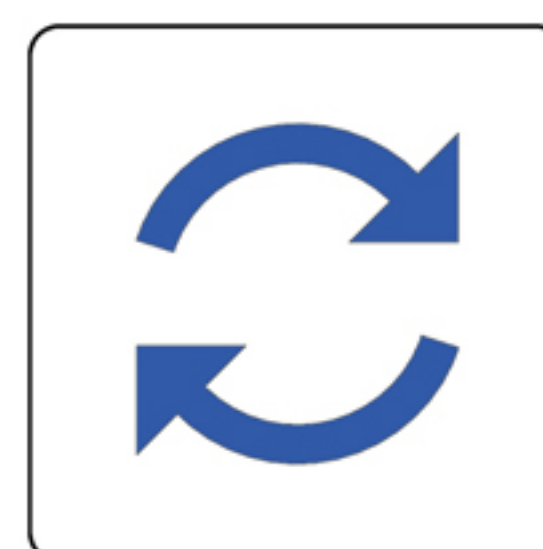
②.



49

EN: Place the block model on its side.

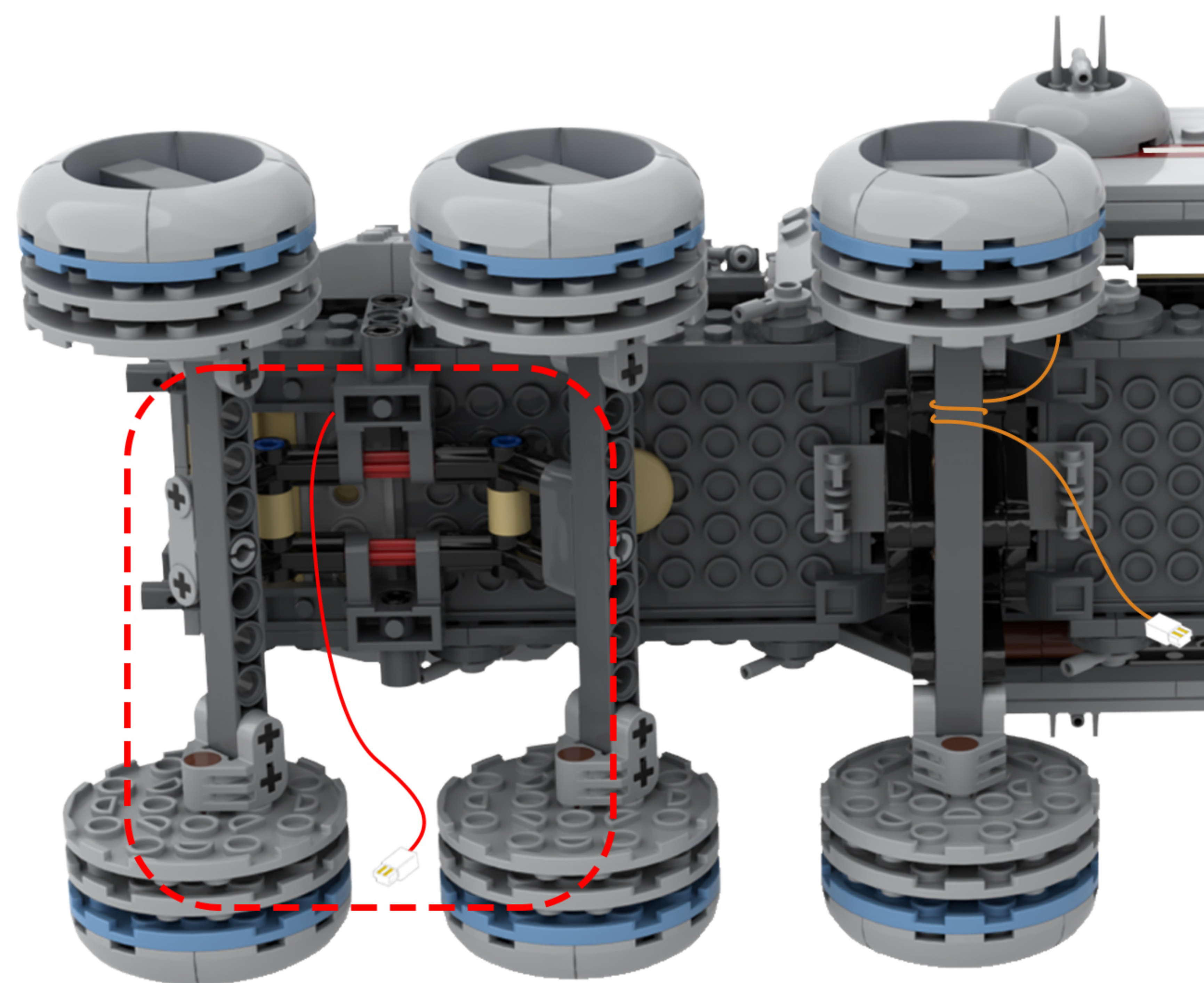
DE: Legen Sie das Blockmodell auf die Seite.



50

EN: Locate this light cord in the diagram.

DE: Suchen Sie dieses Lichtkabel in der Abbildung.

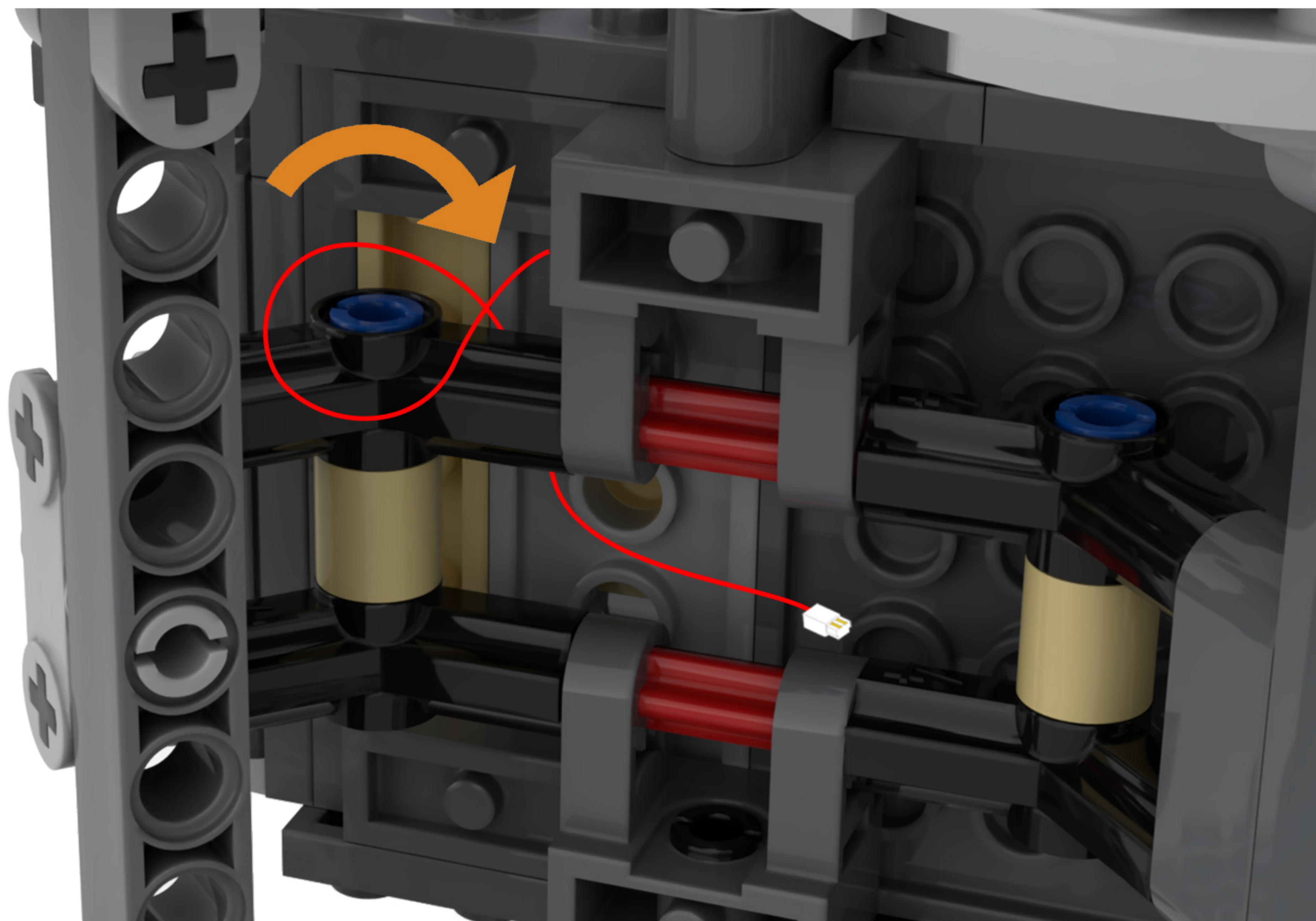


51

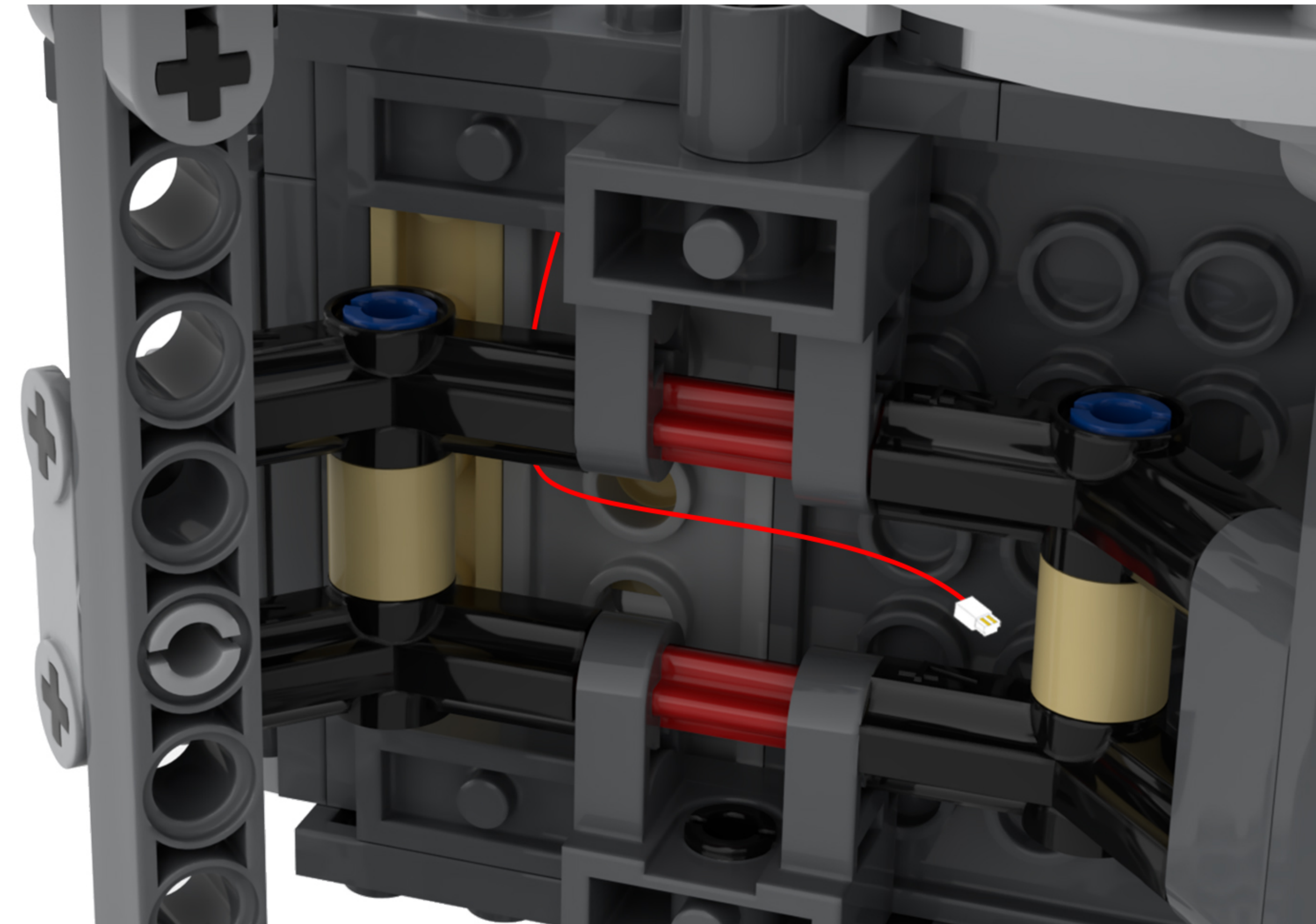
EN: Thread the lamp cord back through the building block.

DE: Führen Sie das Lampenkabel wieder durch den Baustein.

①.



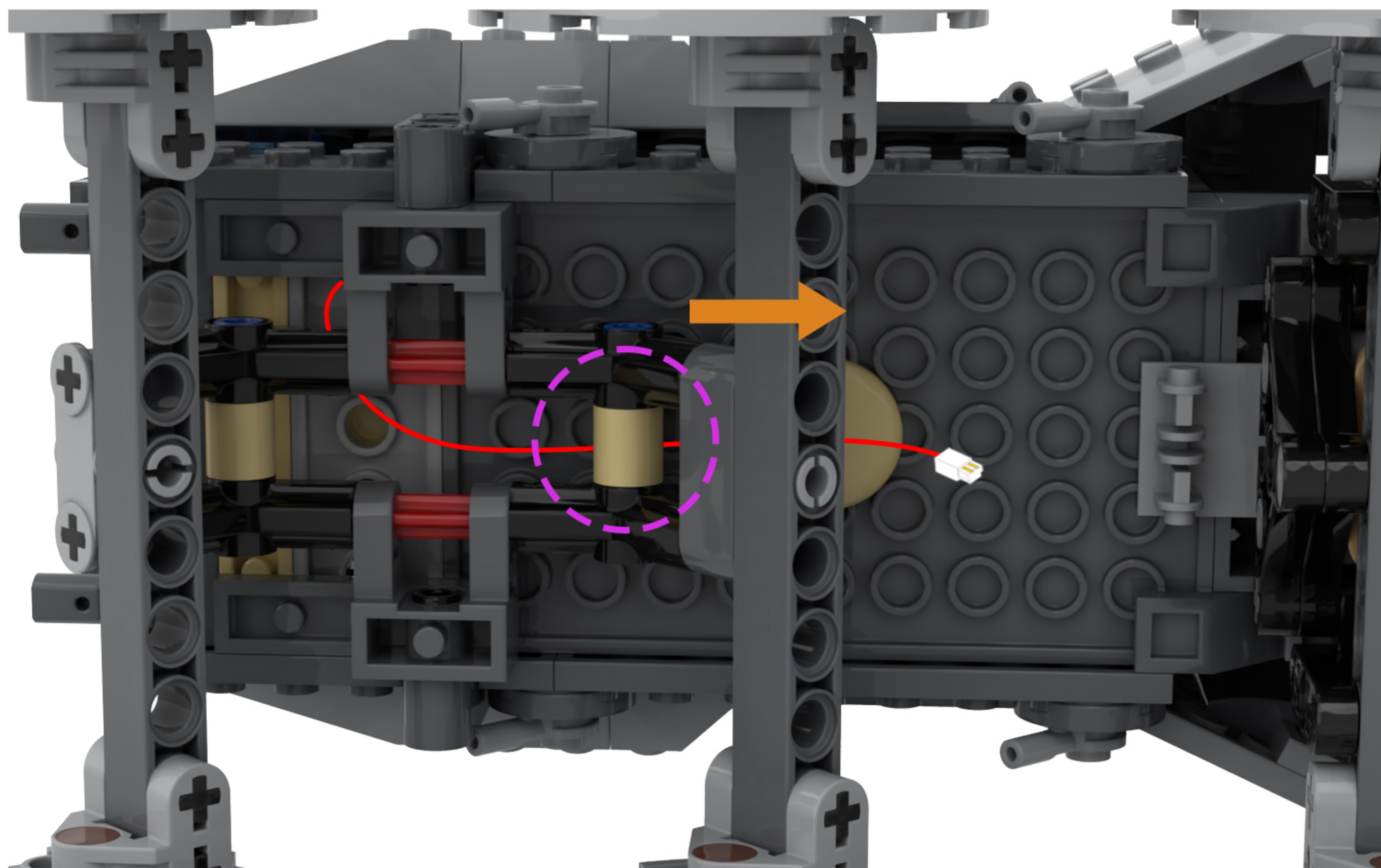
②.



52

EN: Continue threading the light cord through the building blocks.

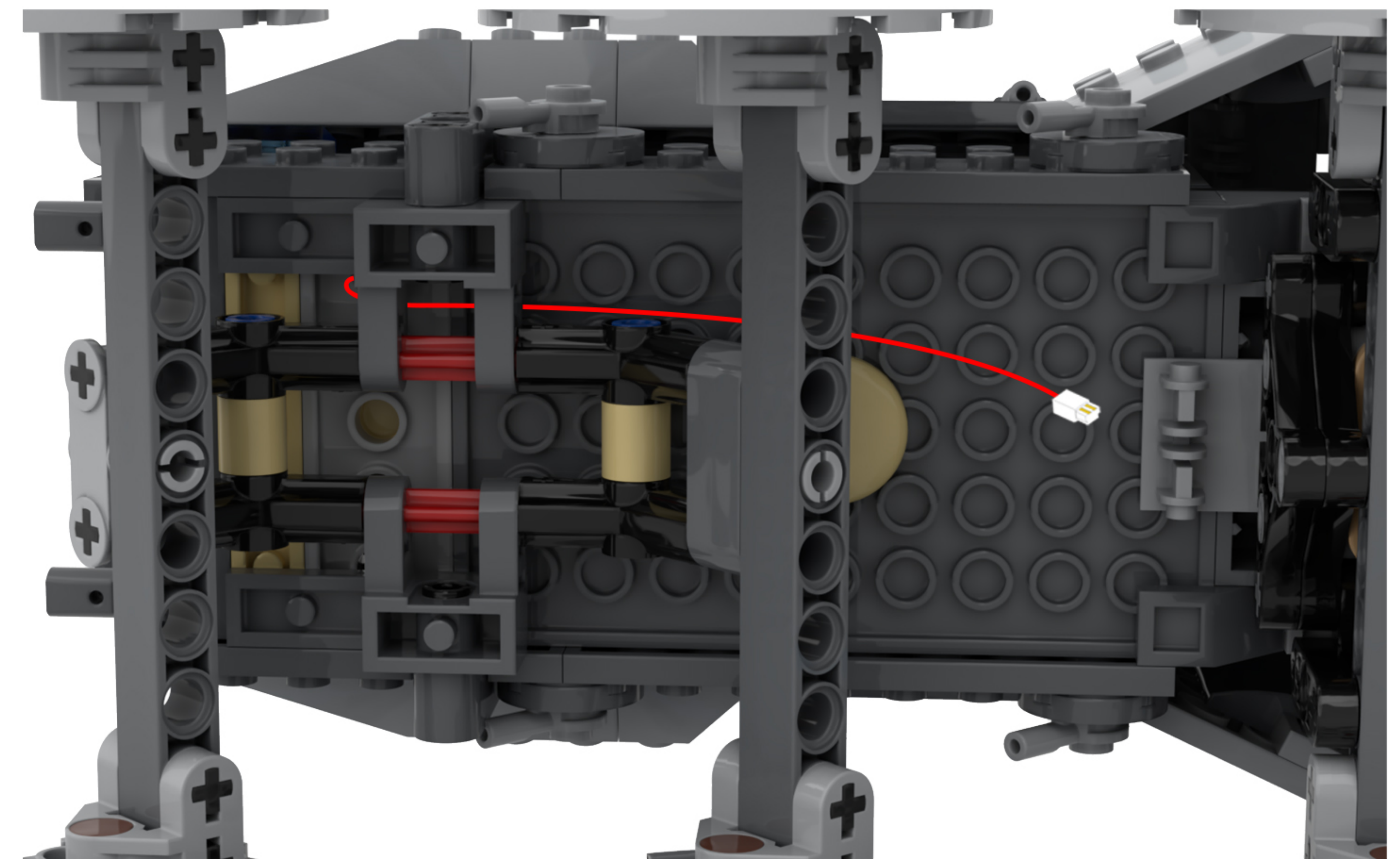
DE: Fädeln Sie das Lichtkabel weiter durch die Bausteine.



53

EN: Straighten the lamp cord.

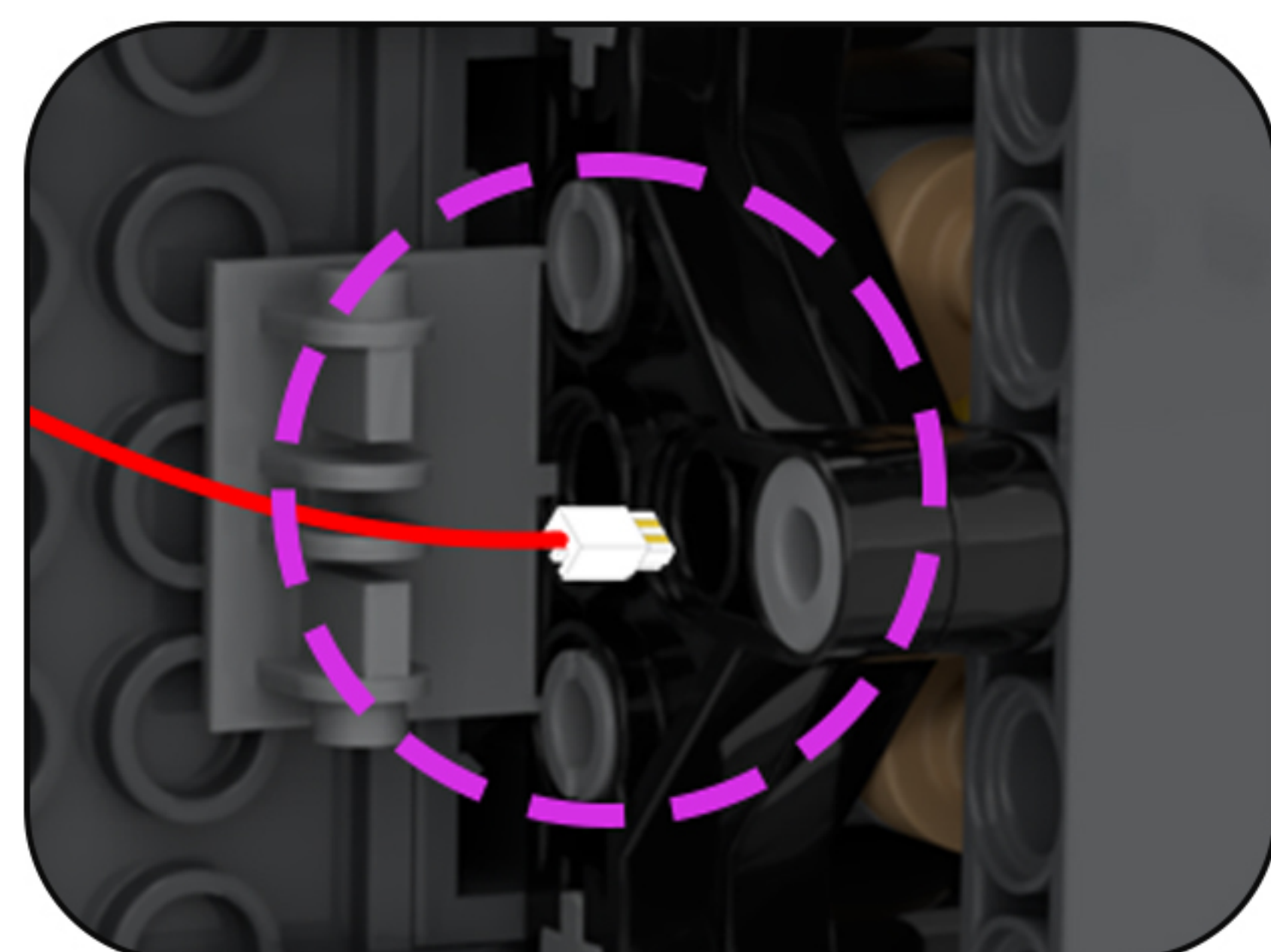
DE: Das Lampenkabel glattziehen.



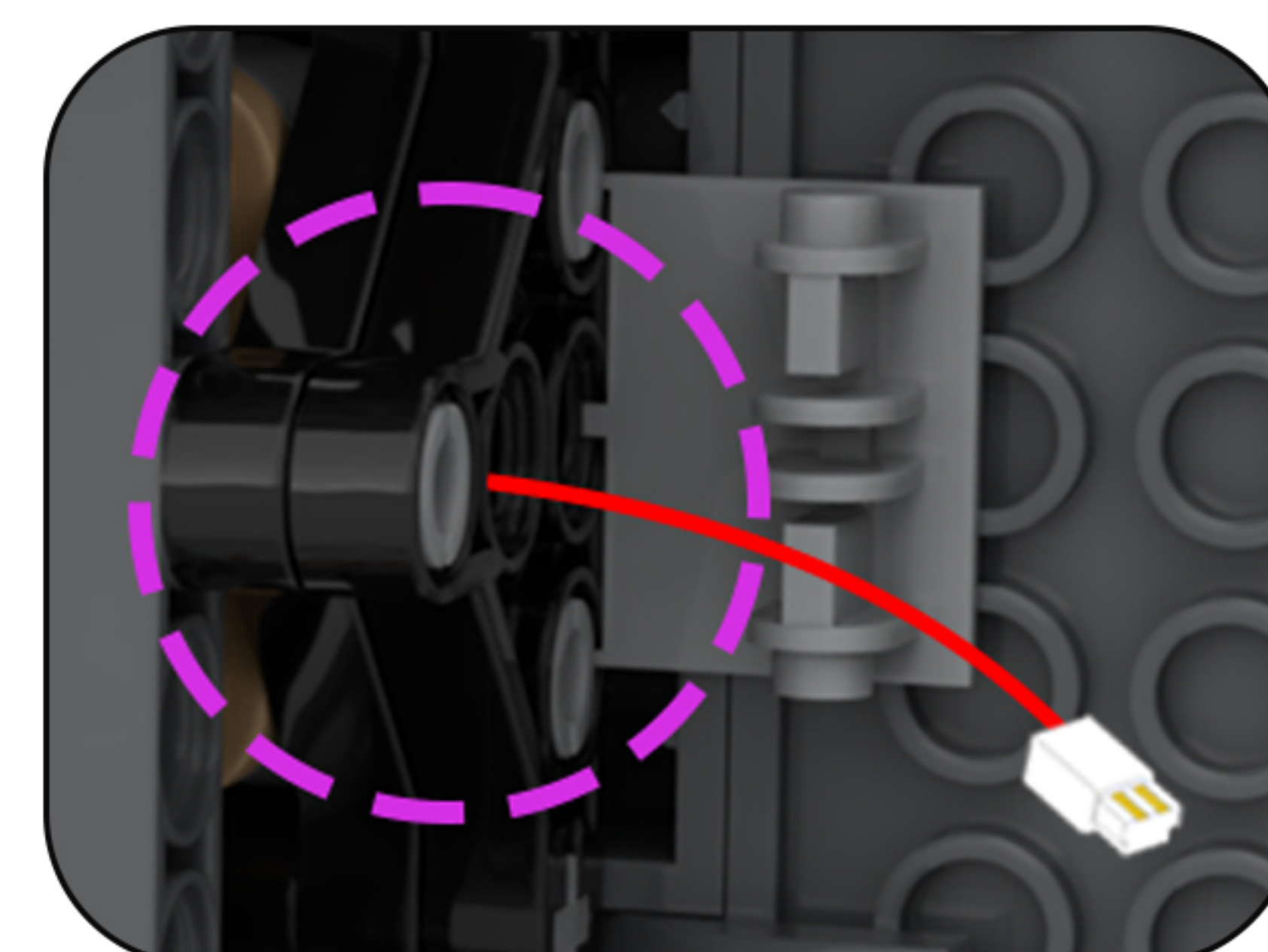
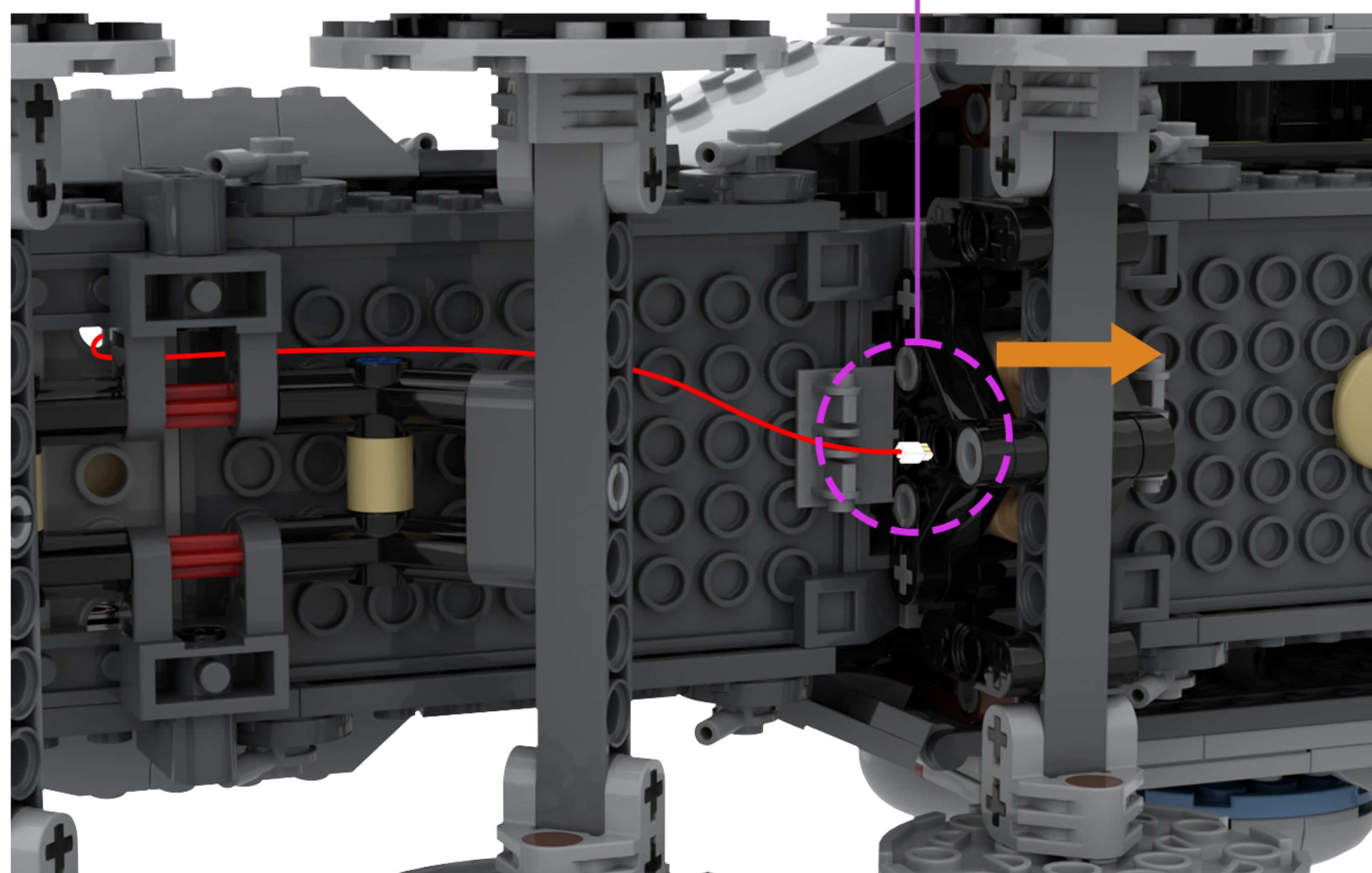
54

EN: Thread the lamp cord through the holes in the building blocks.

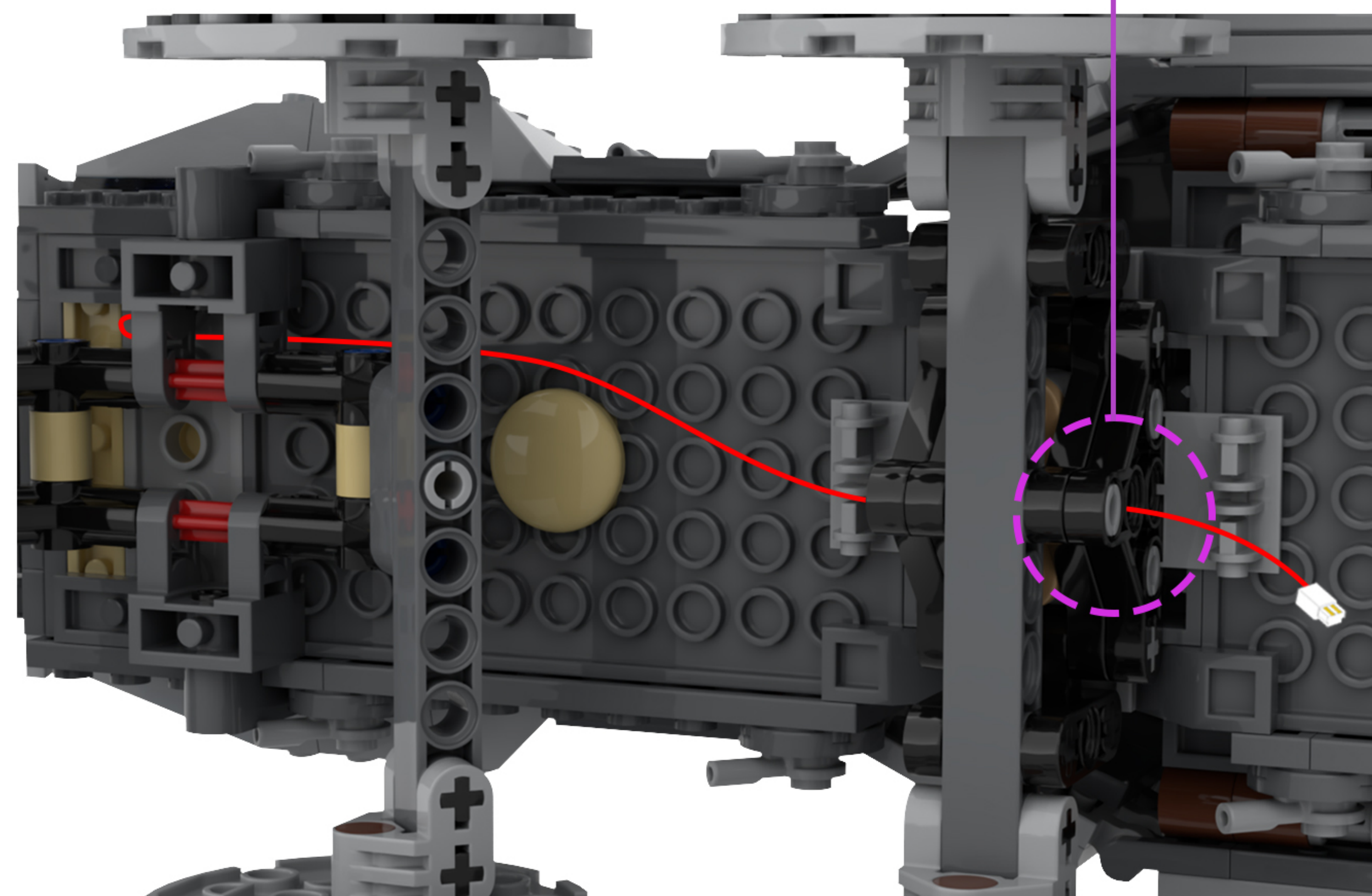
DE: Führen Sie das Lampenkabel durch die Löcher in den Bausteinen.



- ①. Insert it through the hole in the block inside the circle.



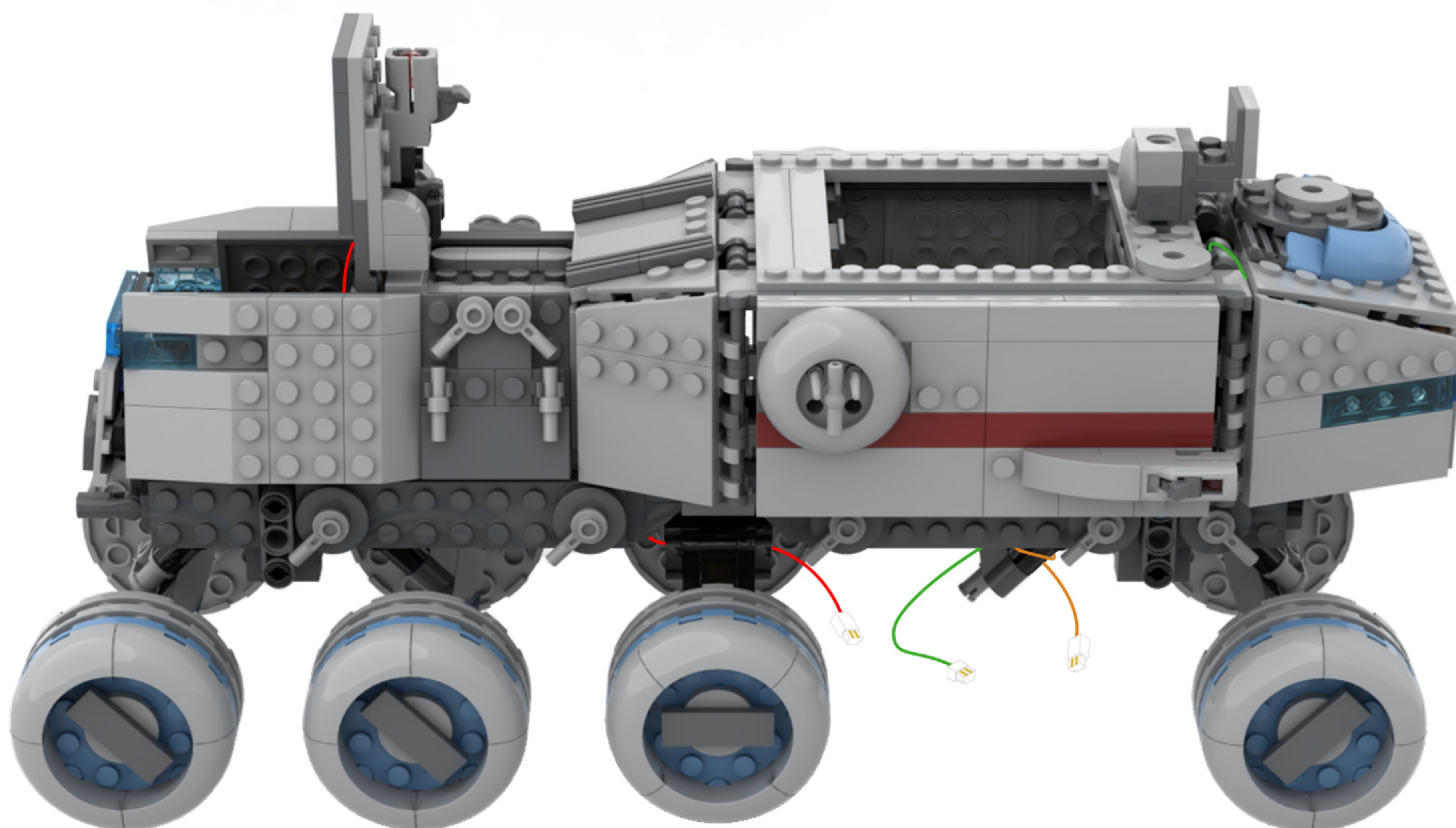
- ②. Pass the building block through the hole in the circle.



55

EN: Flip the model to restore it.

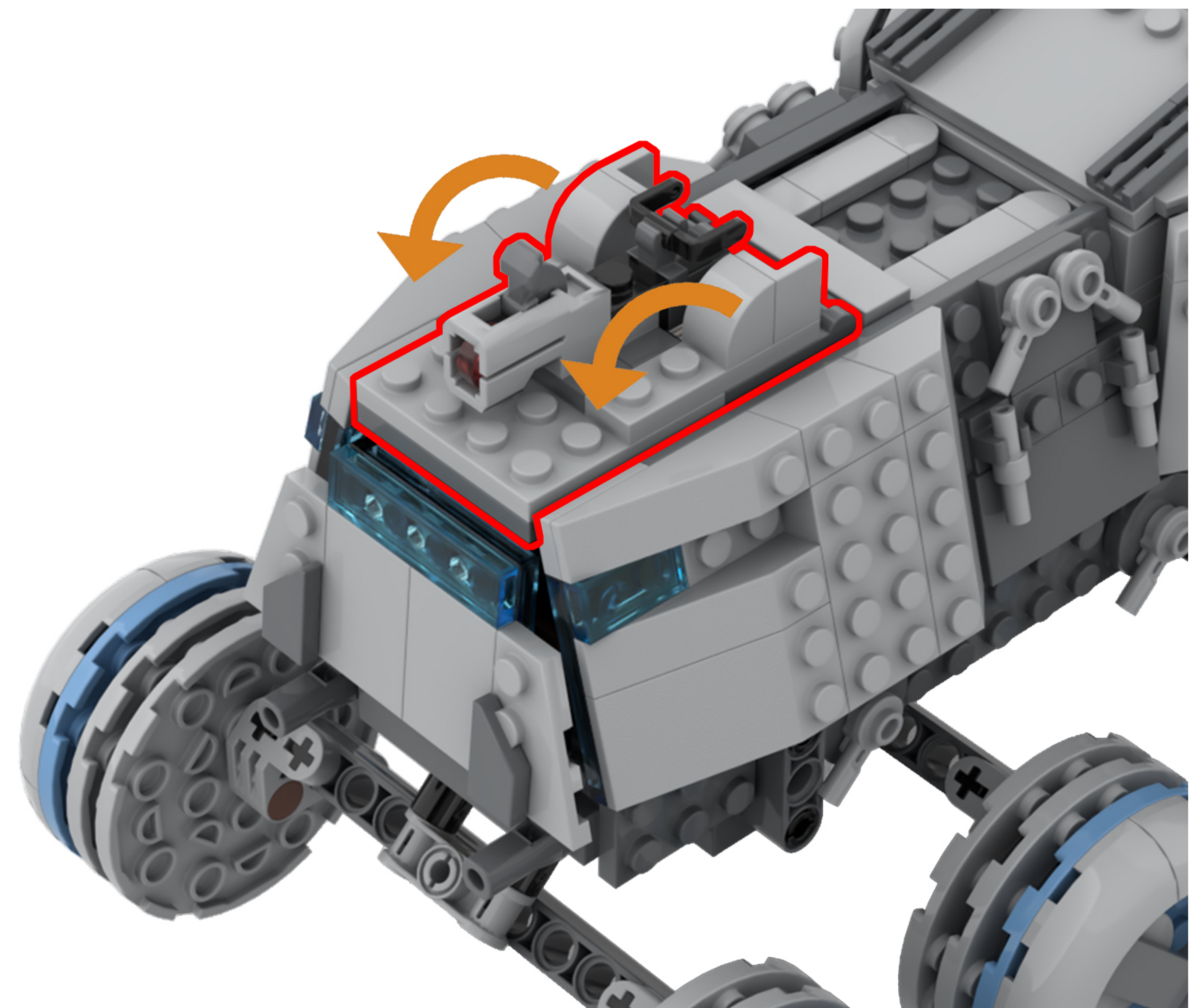
DE: Drehen Sie das Modell um, um es wiederherzustellen.



56

EN: Restore the building blocks.

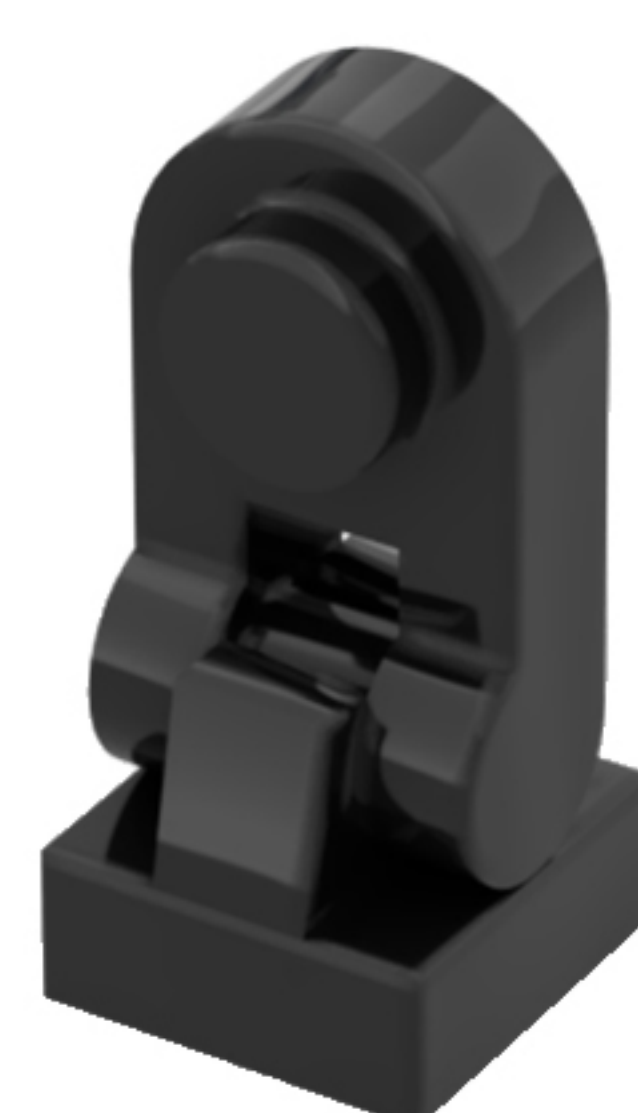
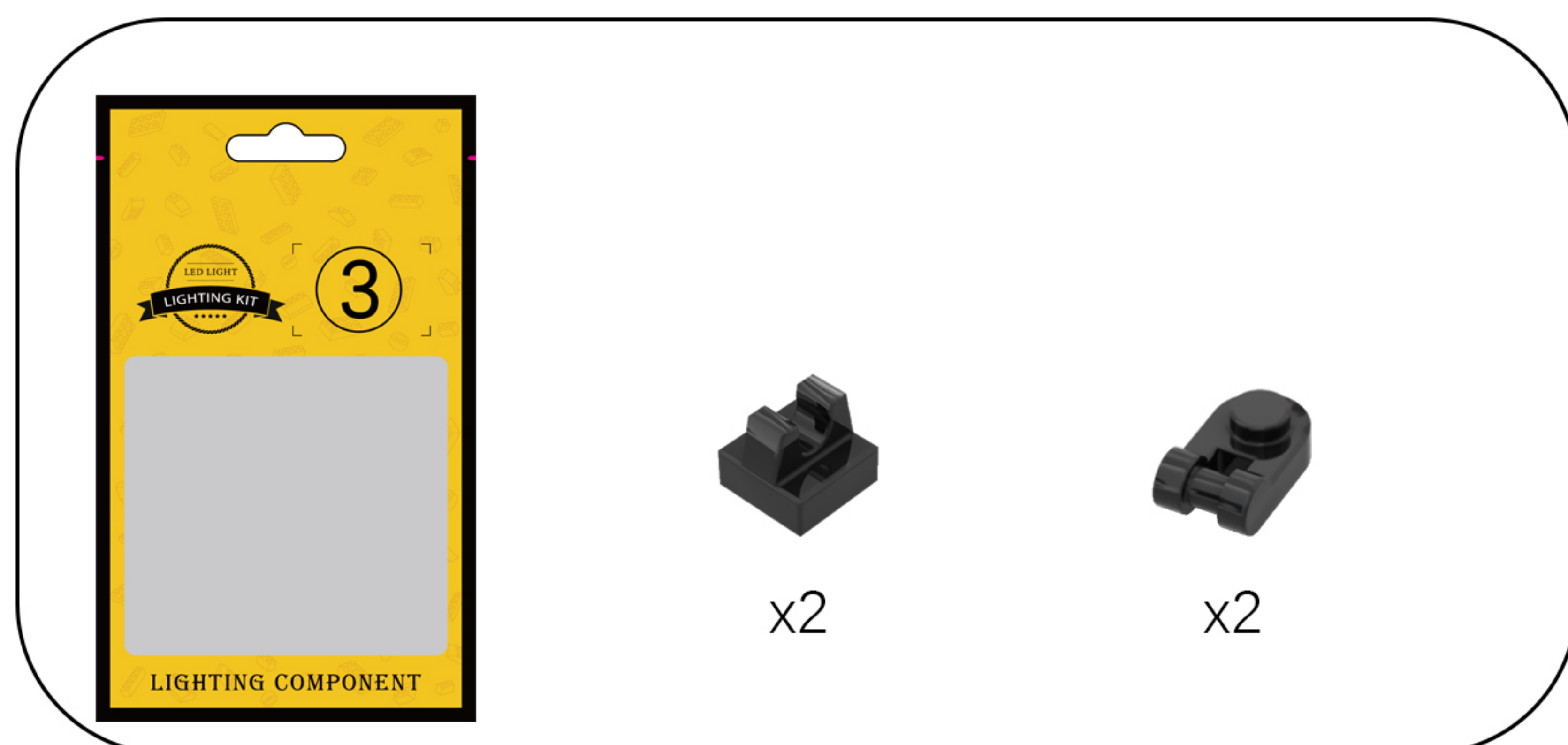
DE: Stellen Sie die Bausteine wieder her.



57

EN: Remove the building blocks from Bag 3 below and assemble them as shown in the diagram.

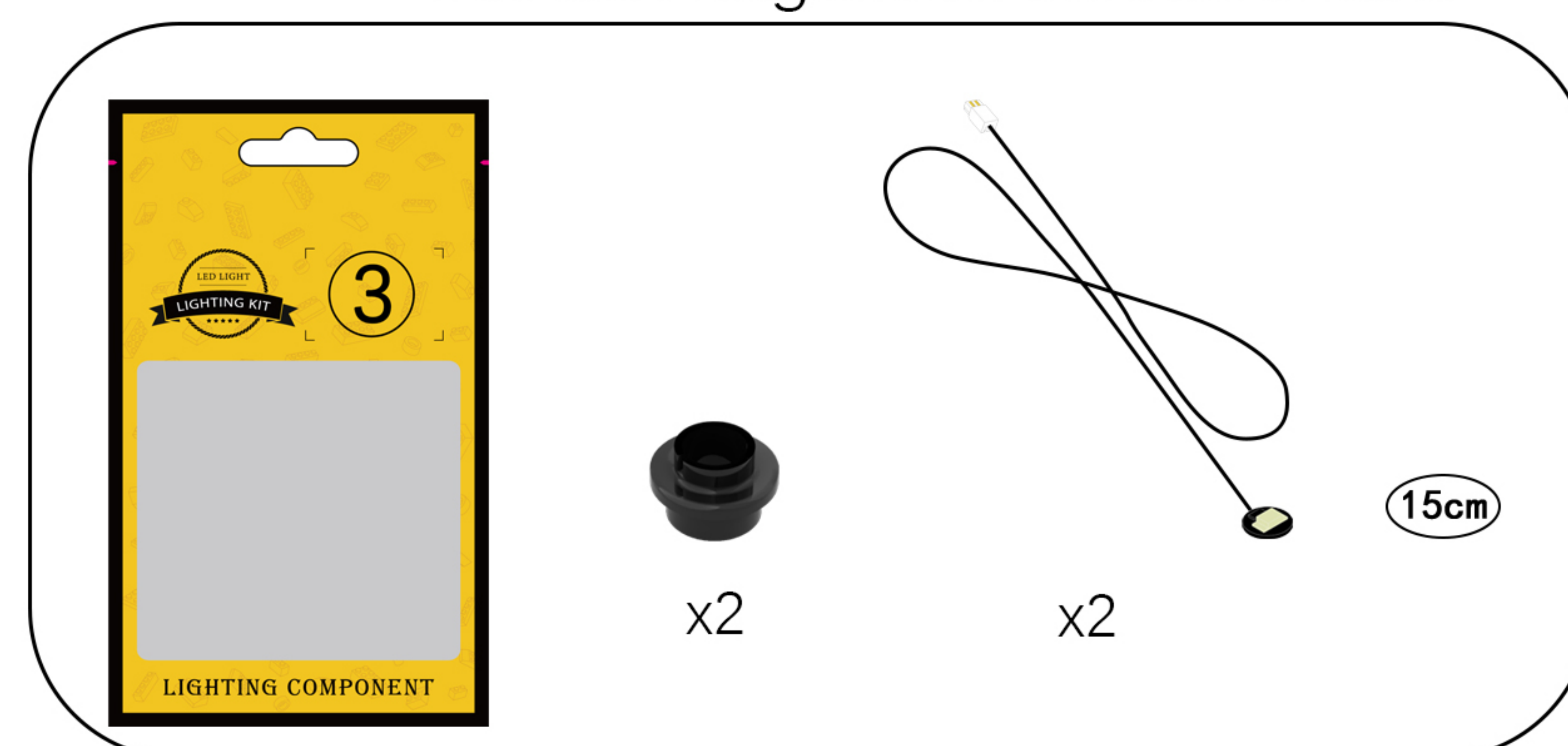
DE: Entnehmen Sie die Bausteine aus Beutel 3 unten und setzen Sie sie wie in der Abbildung gezeigt zusammen.



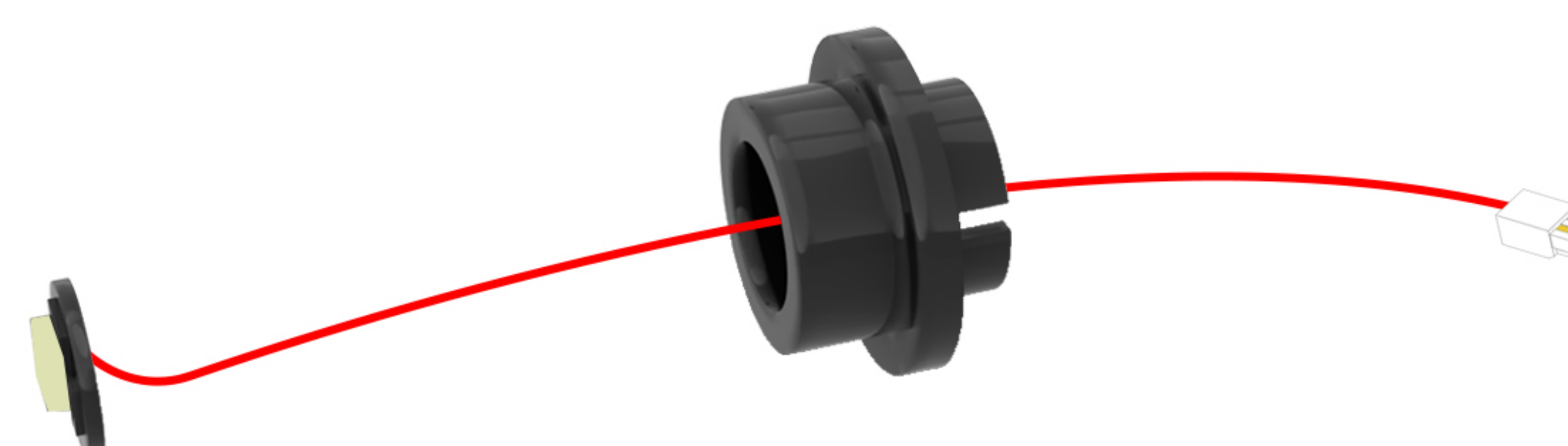
58

EN: Remove the perforated round plate and light fixture from Bag 3, then proceed with the following steps.

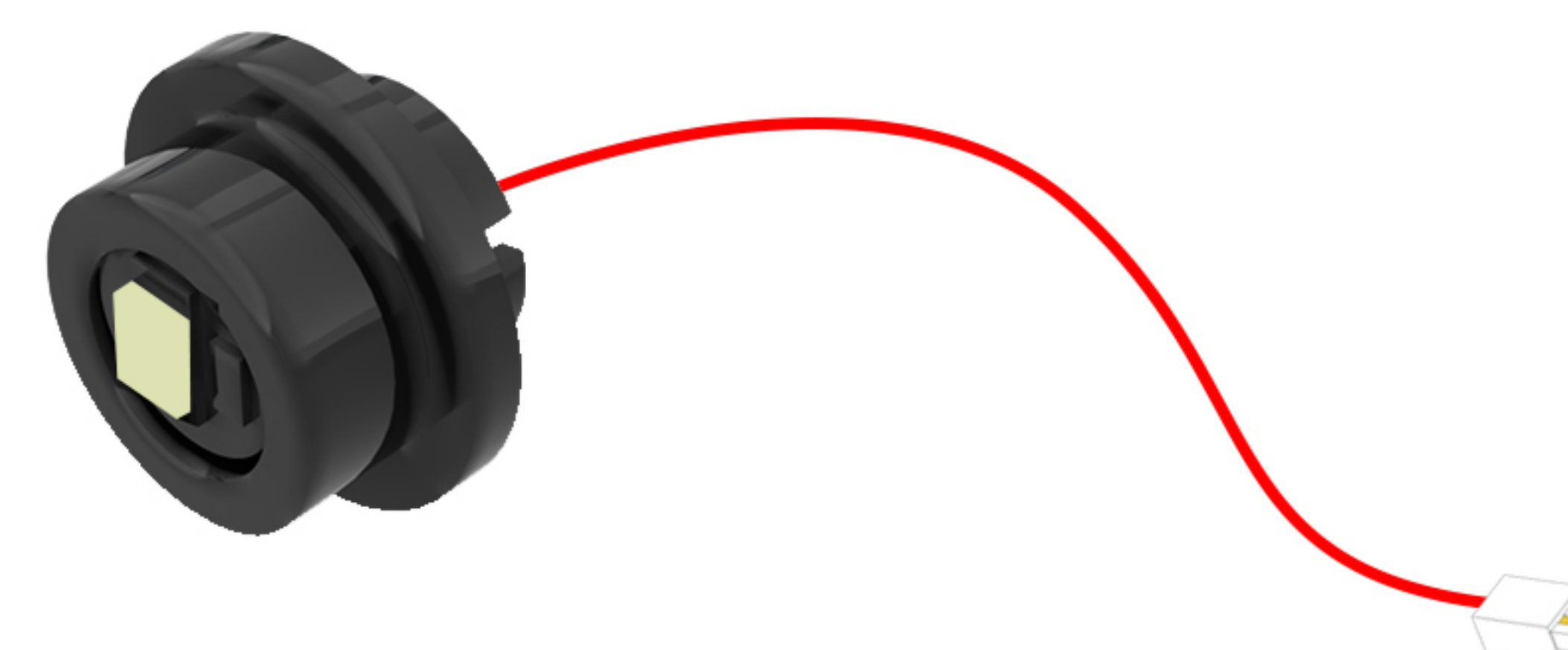
DE: Entfernen Sie die perforierte runde Platte und die Leuchte aus Beutel 3 und fahren Sie dann mit den folgenden Schritten fort.



①. Thread the lamp cord through the building block.



②. Pull the lamp cord to position it inside the building block.



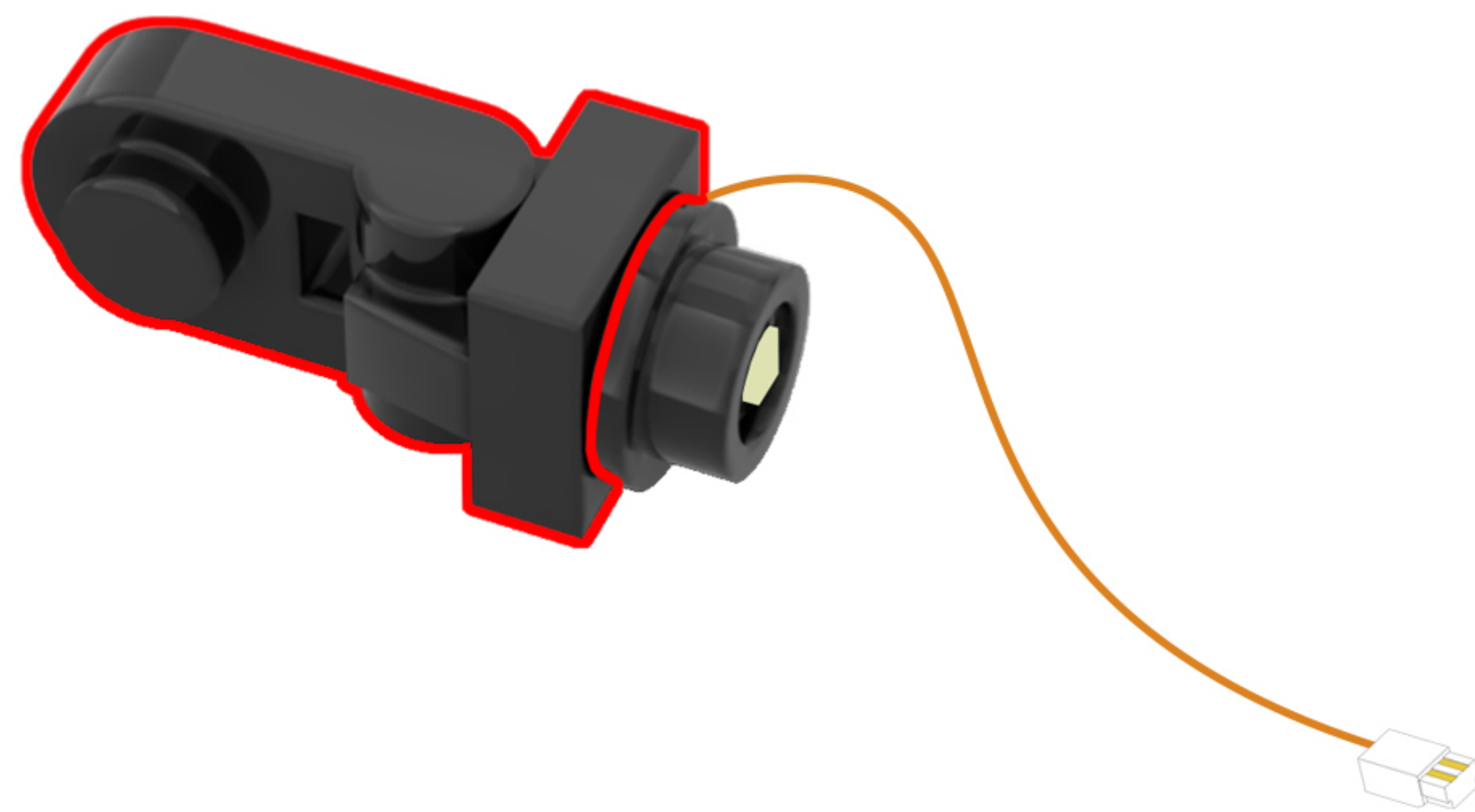
59

EN: Take out the assembled building blocks and attach them to the lighting fixture.

DE: Nehmen Sie die zusammengesetzten Bausteine heraus und befestigen Sie sie an der Leuchte.



x1



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

60

EN: Repeat the above steps to obtain two lamps.

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

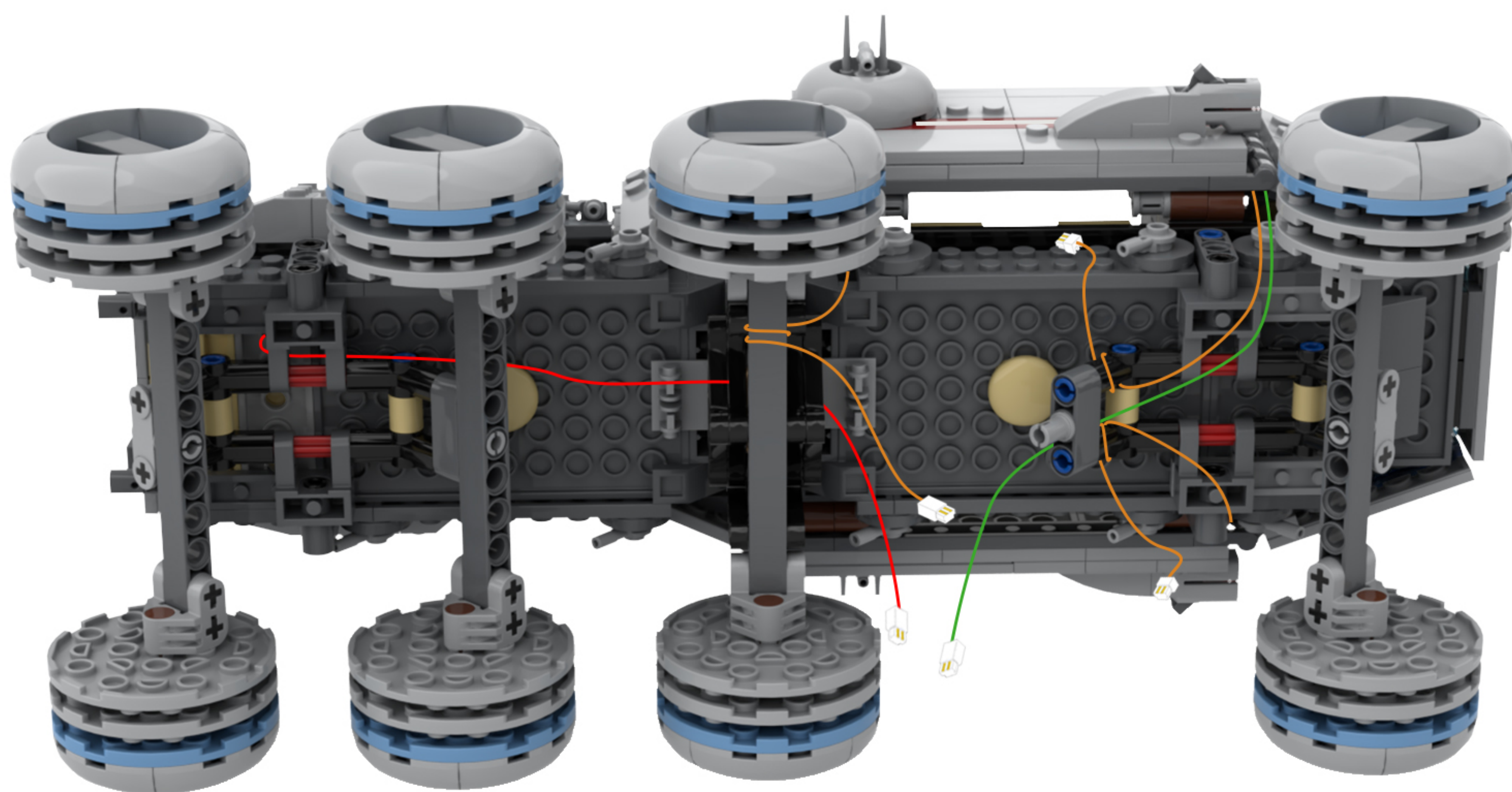


x2

61

EN: Place the block model on its side.

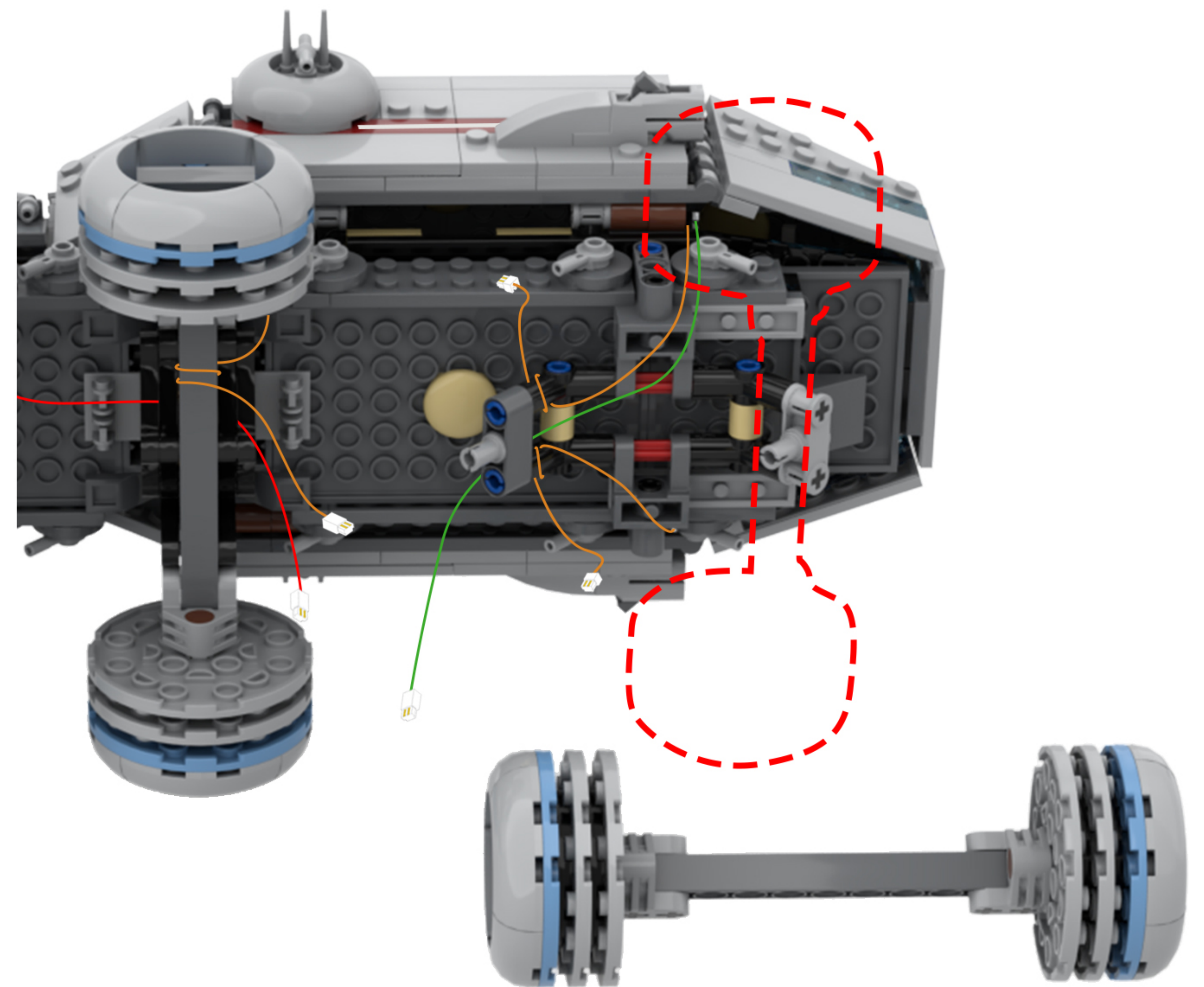
DE: Legen Sie das Blockmodell auf die Seite.



62

EN: Split as shown in the figure.

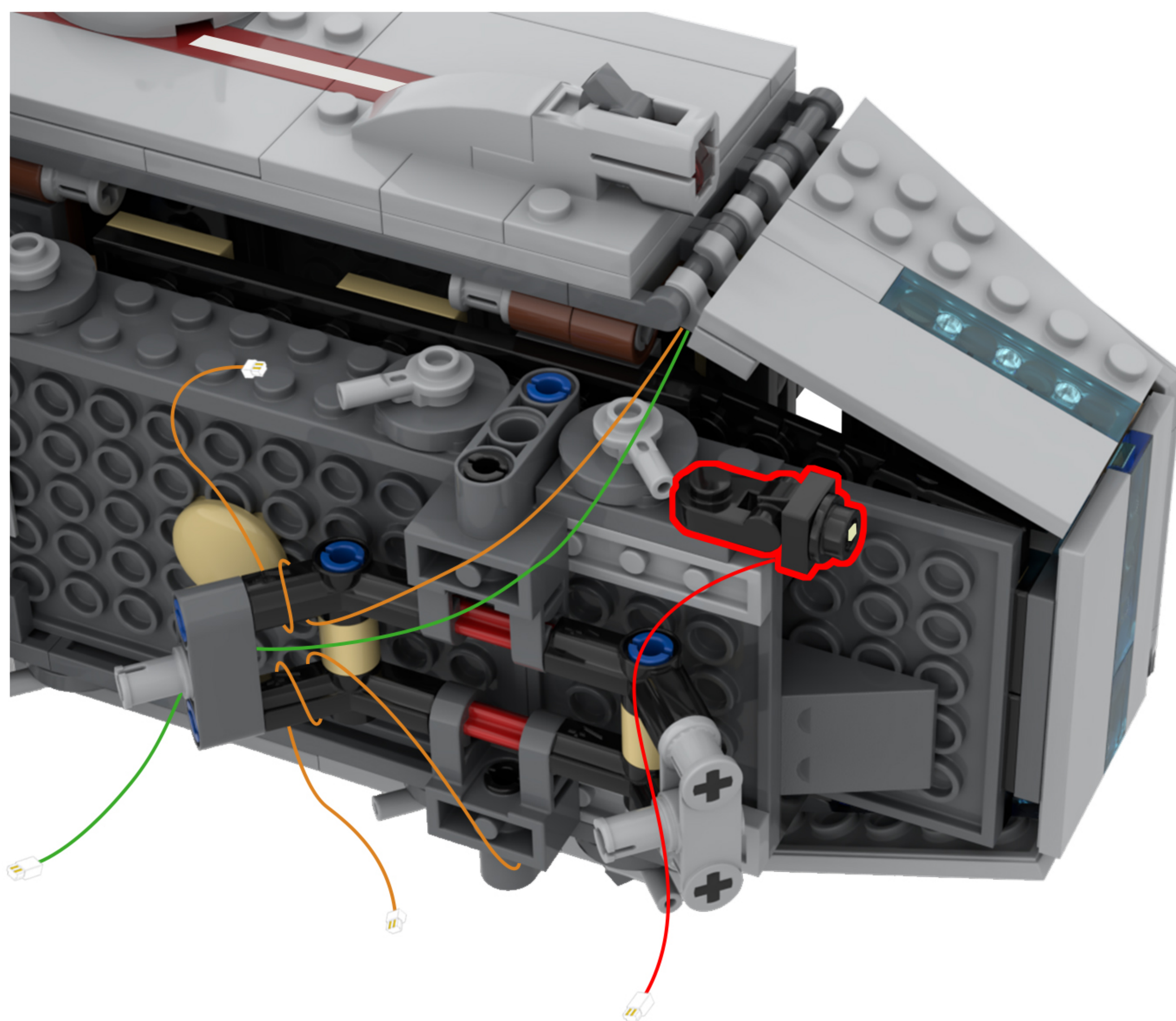
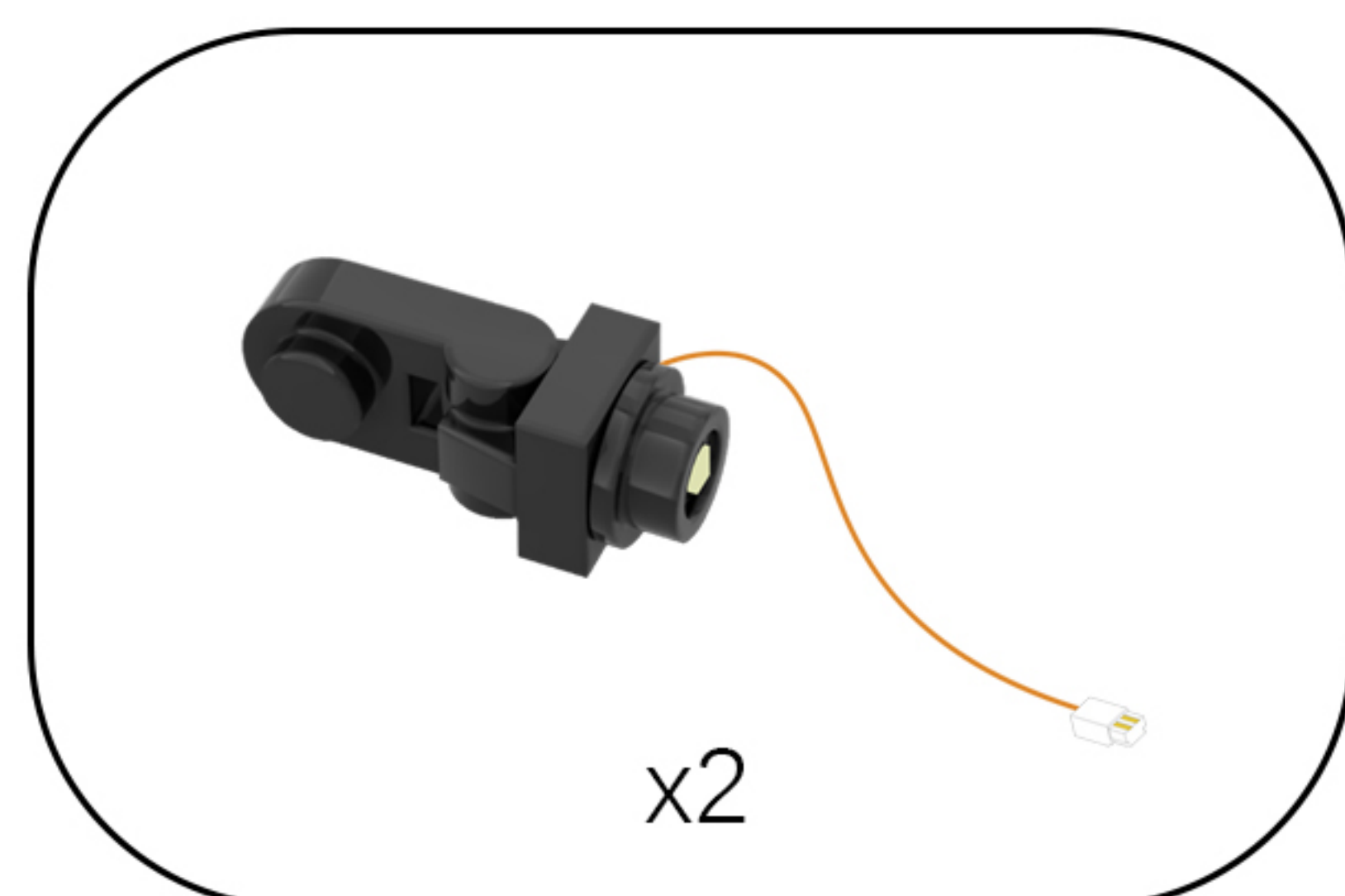
DE: Wie in der Abbildung gezeigt, teilen Sie es auf.



63

EN: Take out the light fixture and install it on the building block as shown in the diagram.

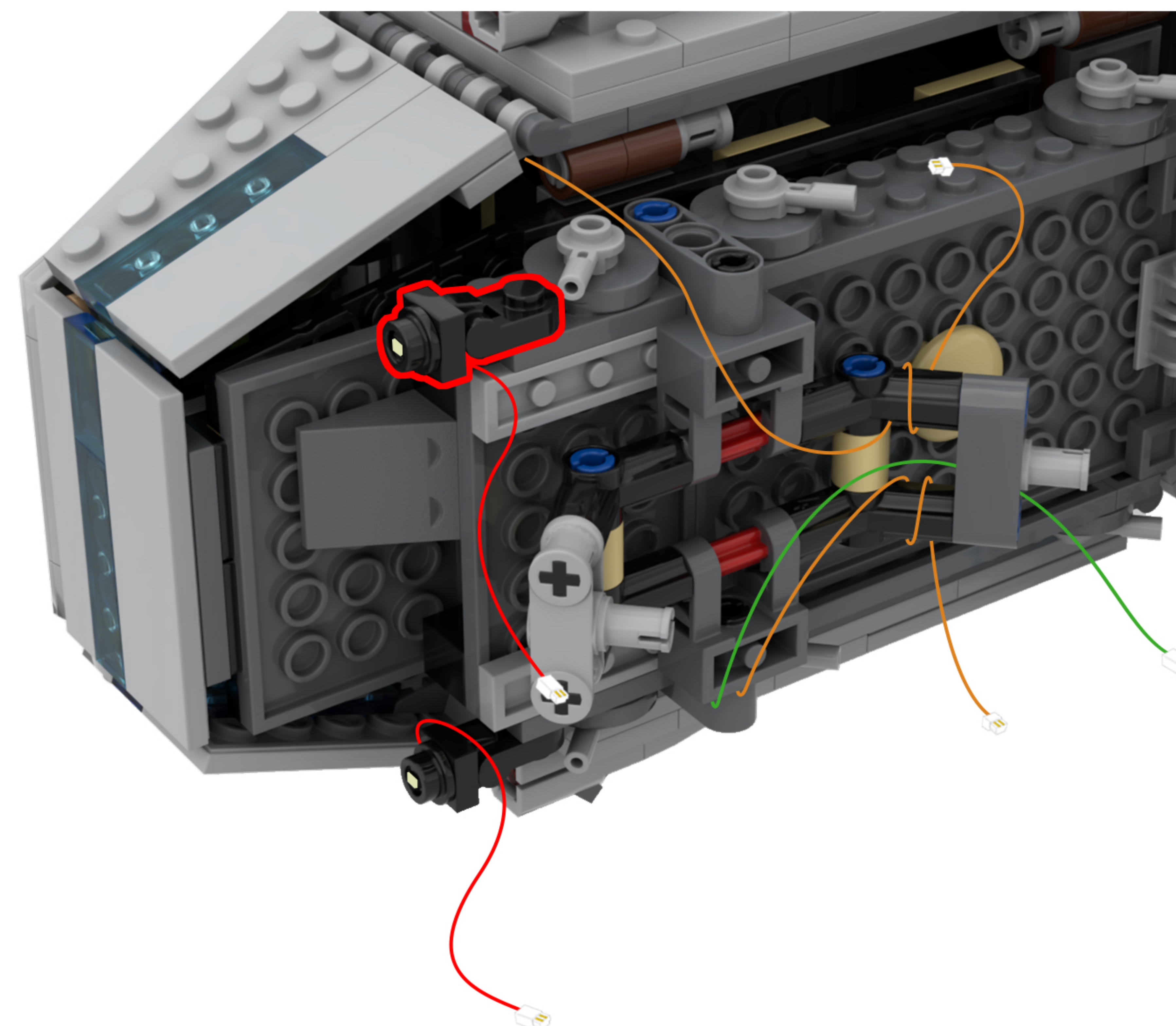
DE: Nehmen Sie die Leuchte heraus und montieren Sie sie wie in der Abbildung gezeigt auf dem Baustein.



64

EN: Flip the model to the other side and install lighting fixtures in the same position.

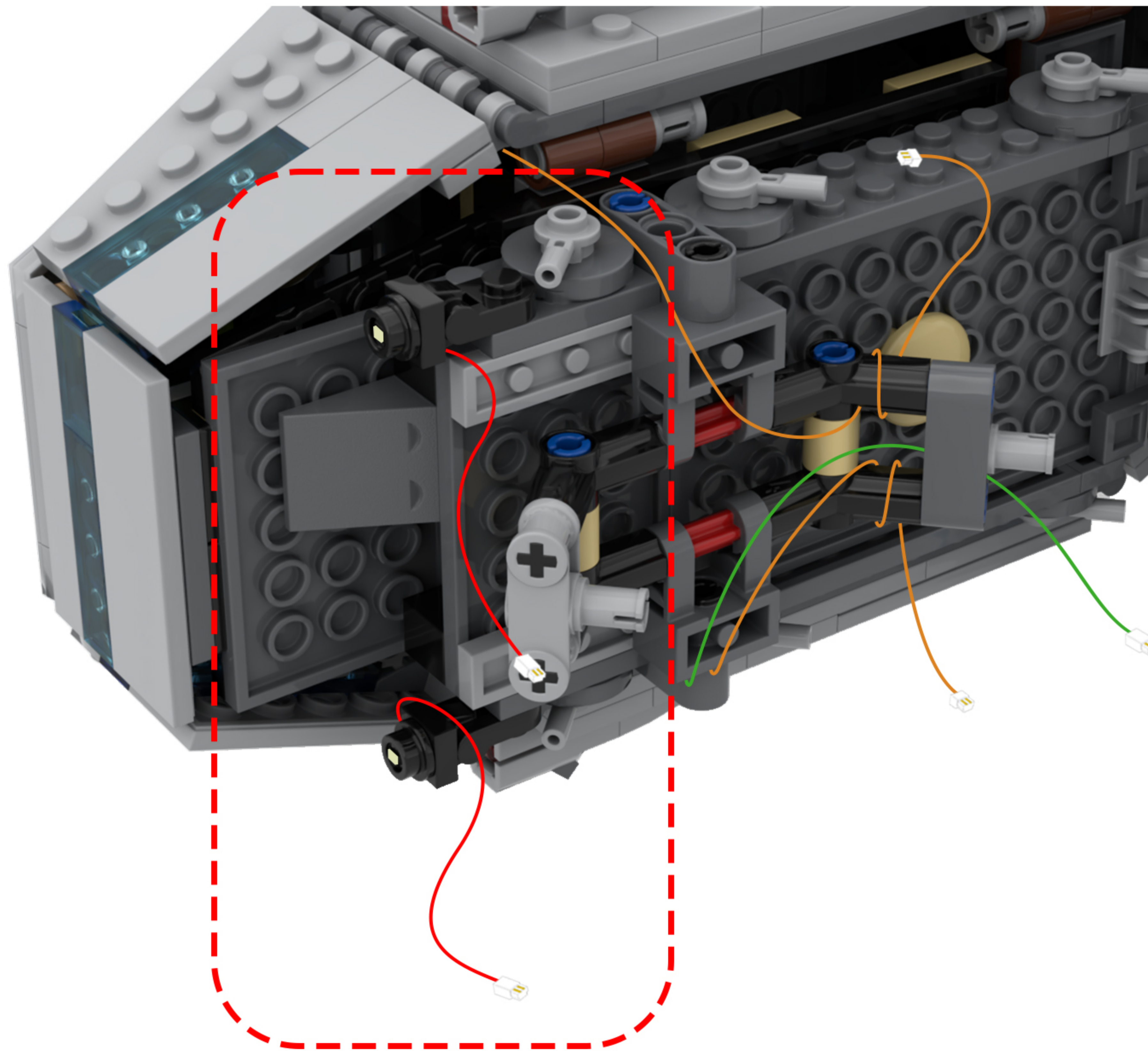
DE: Drehen Sie das Modell auf die andere Seite und installieren Sie die Beleuchtungskörper an derselben Position.



65

EN: Locate the two light wires in the diagram.

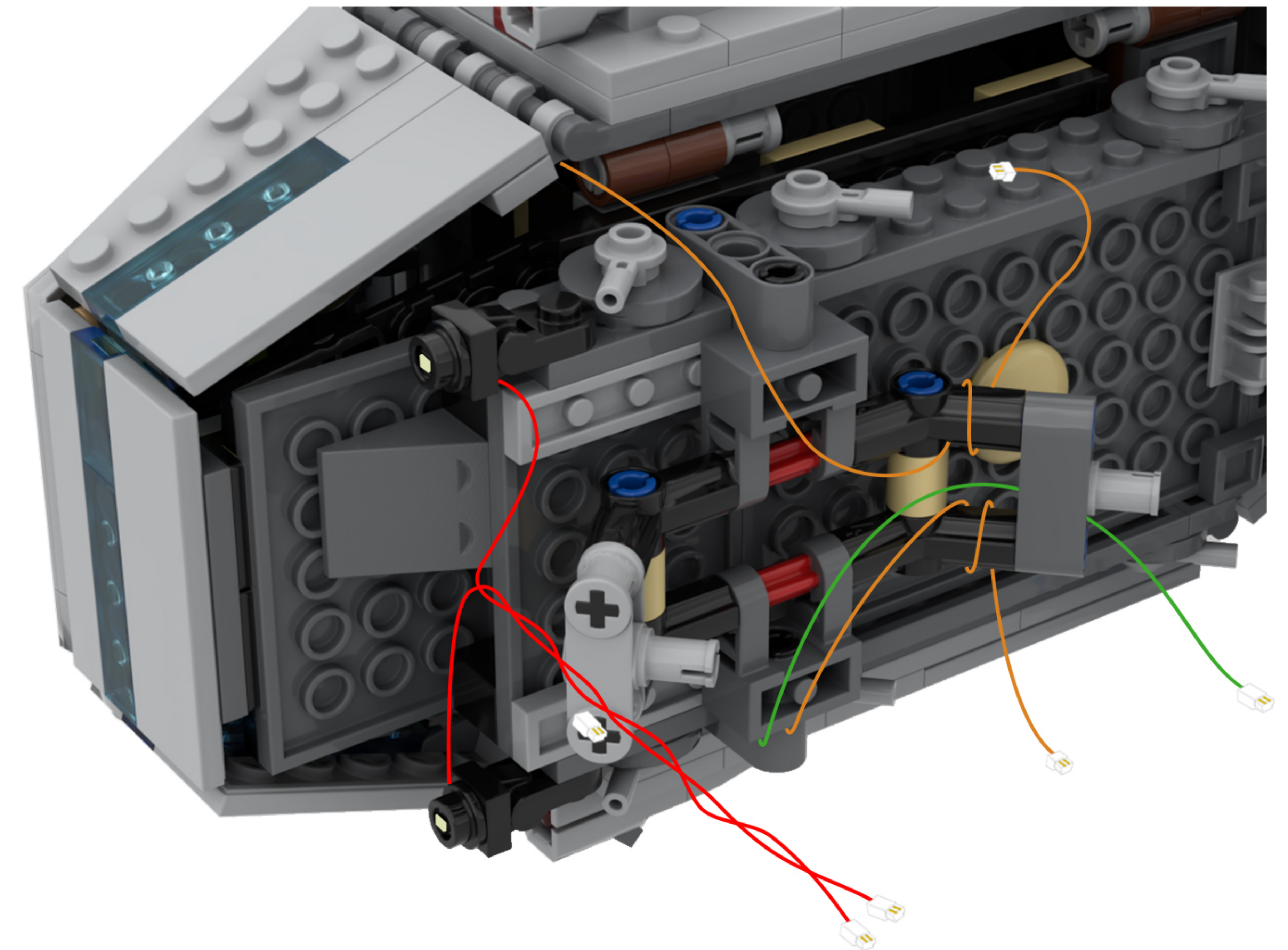
DE: Suchen Sie die beiden Lichtkabel in der Abbildung.



66

EN: Twist the two lamp wires together.

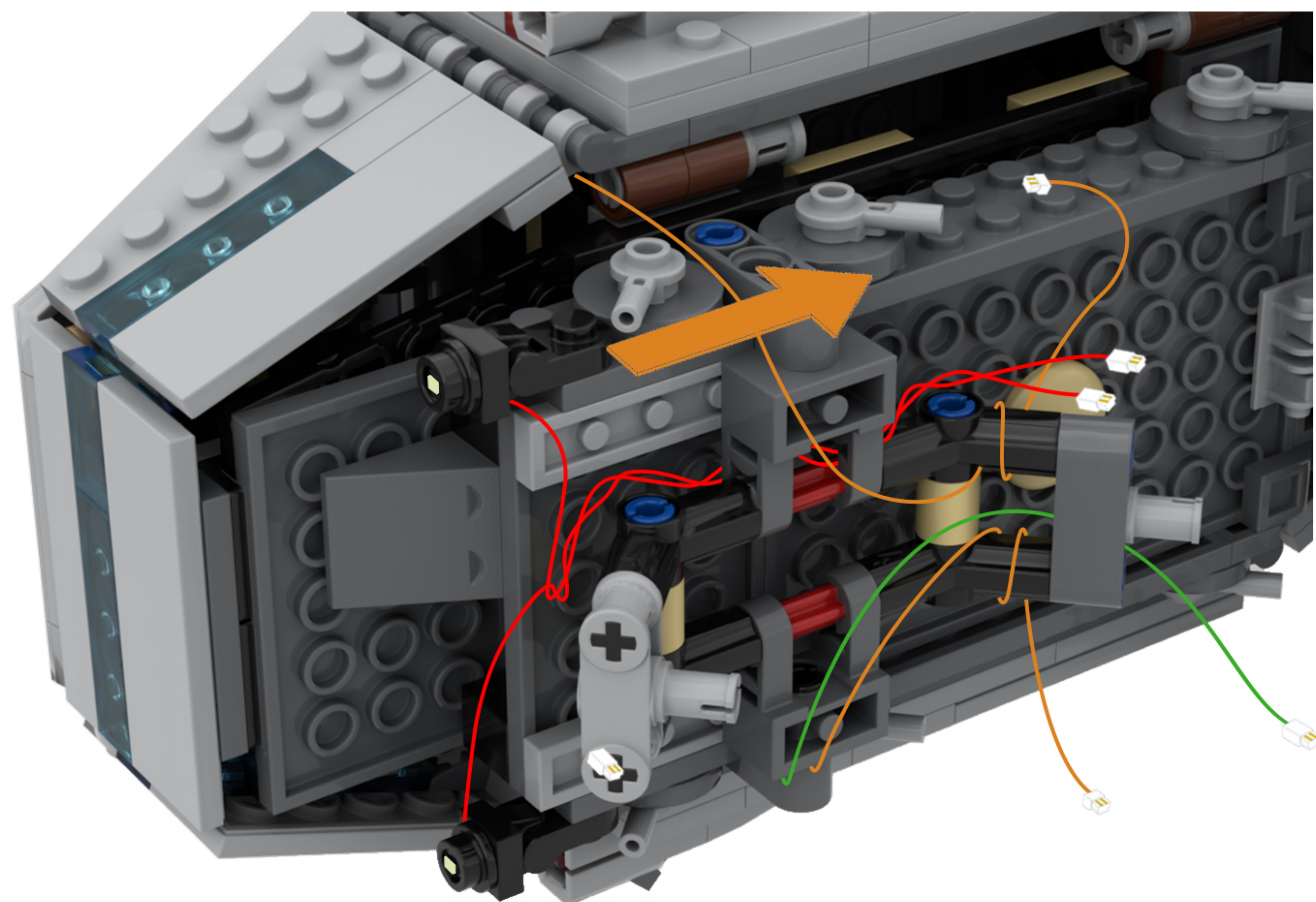
DE: Verdrillen Sie die beiden Lampenkabel miteinander.



67

EN: Thread both light cords through the gaps in the building blocks.

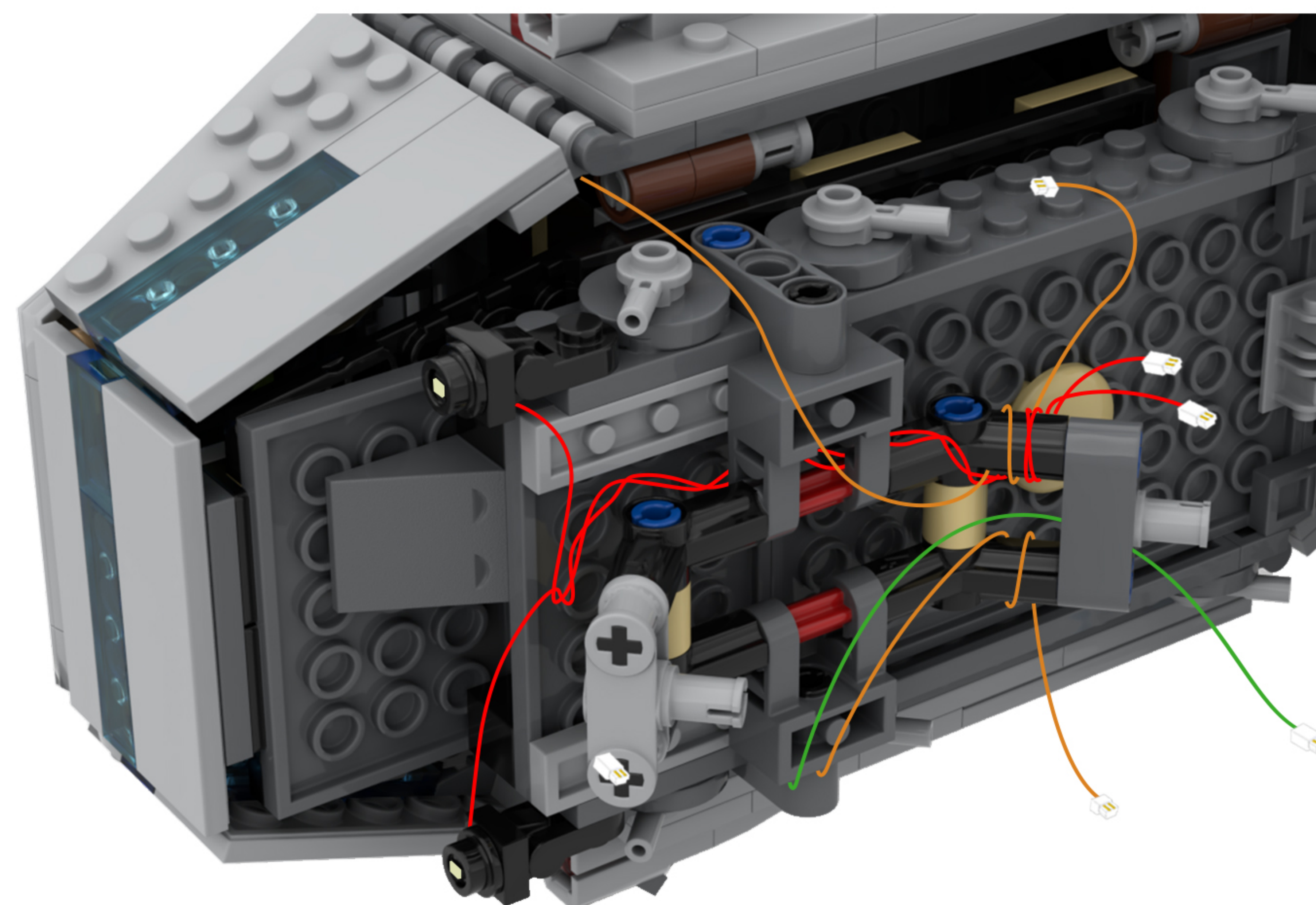
DE: Fädeln Sie beide Lichtschnüre durch die Lücken in den Bausteinen.



68

EN: Wrap the two strands of light wire around the building block once.

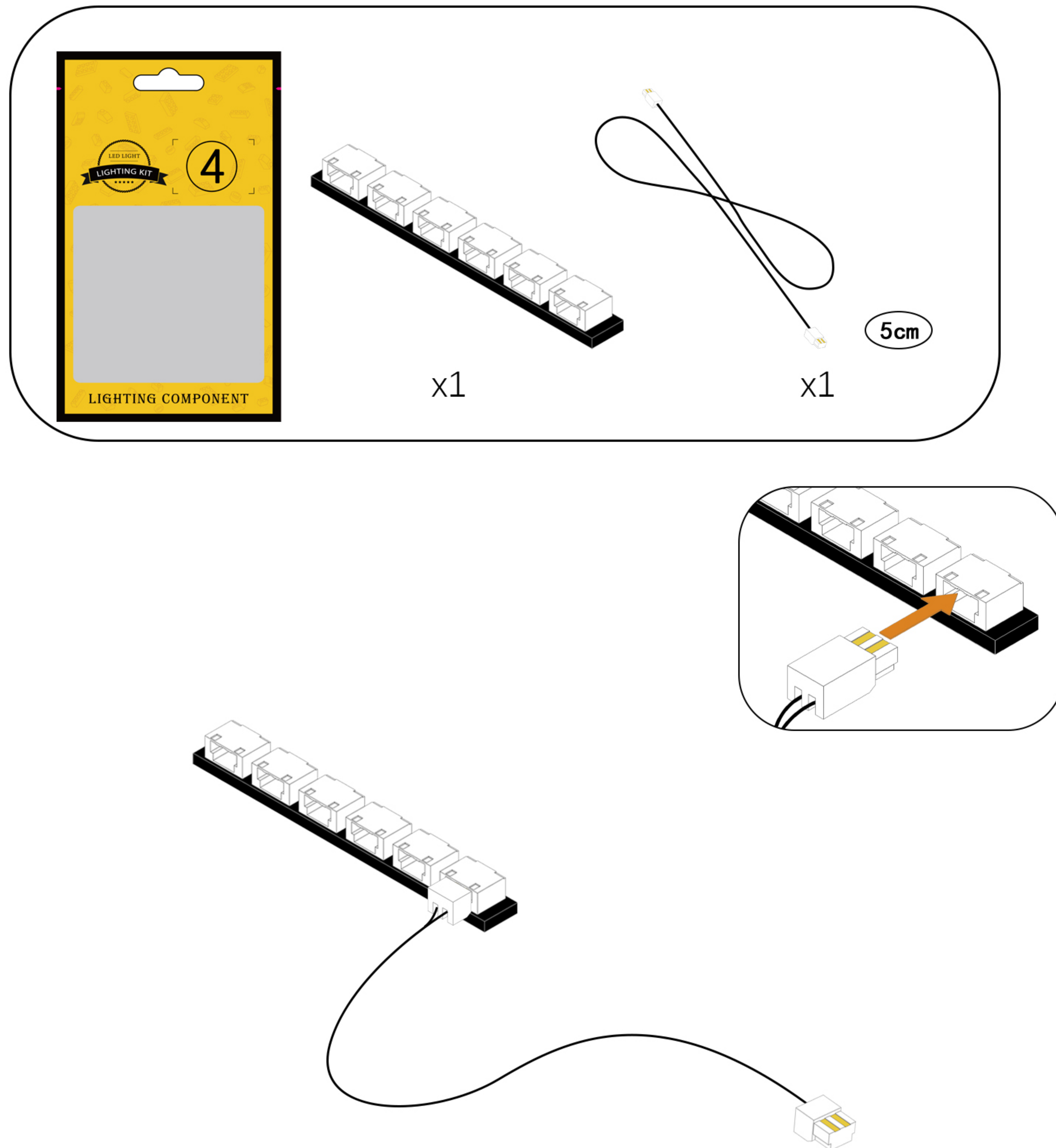
DE: Wickeln Sie die beiden Stränge des dünnen Drahtes einmal um den Baustein.



69

EN: Remove the expansion board and connecting cable from Bag 4, then connect them together.

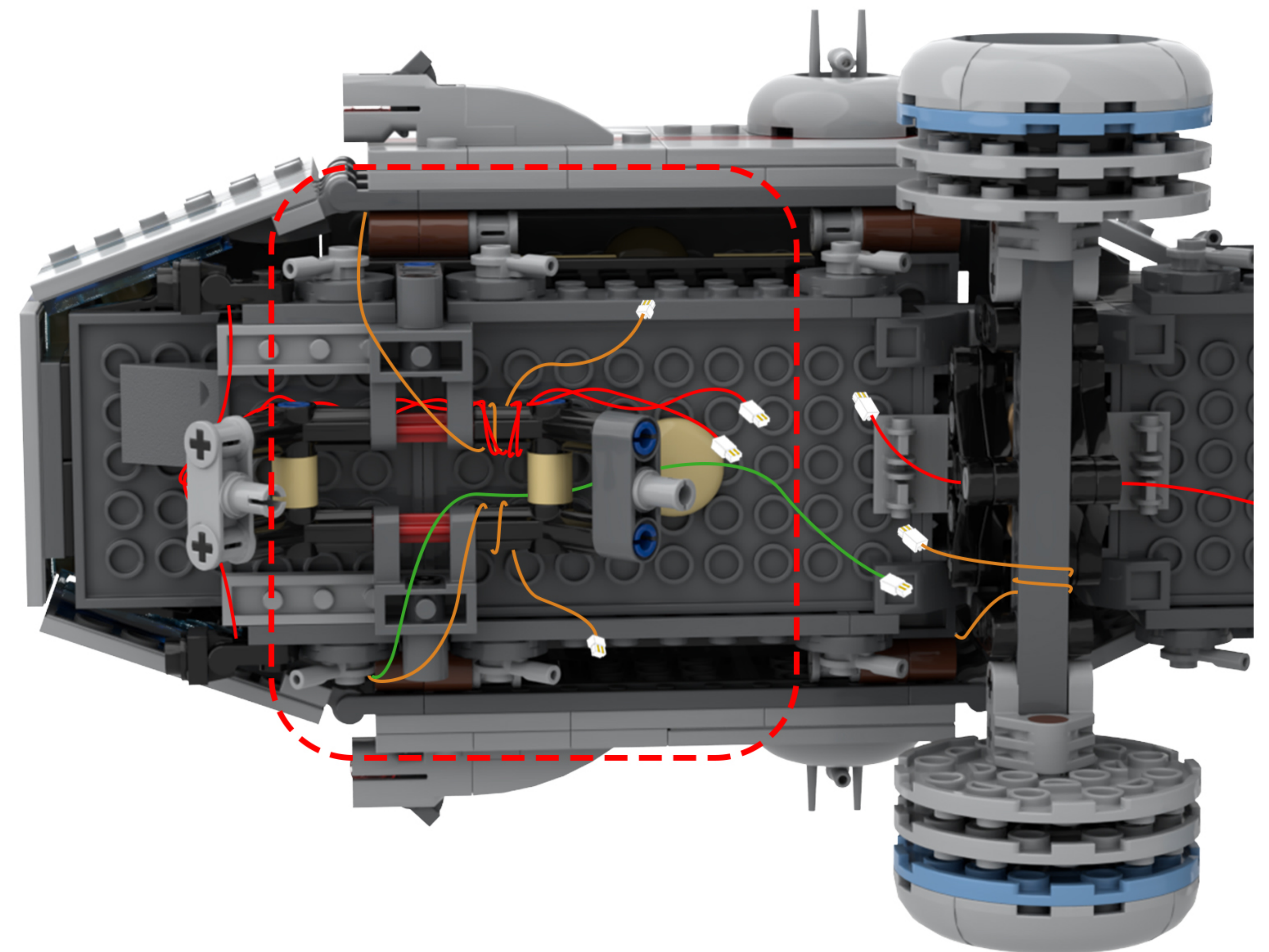
DE: Entnehmen Sie die Erweiterungskarte und das Verbindungskabel aus Beutel 4 und verbinden Sie sie miteinander.



70

EN: Locate the four light wires in the diagram.

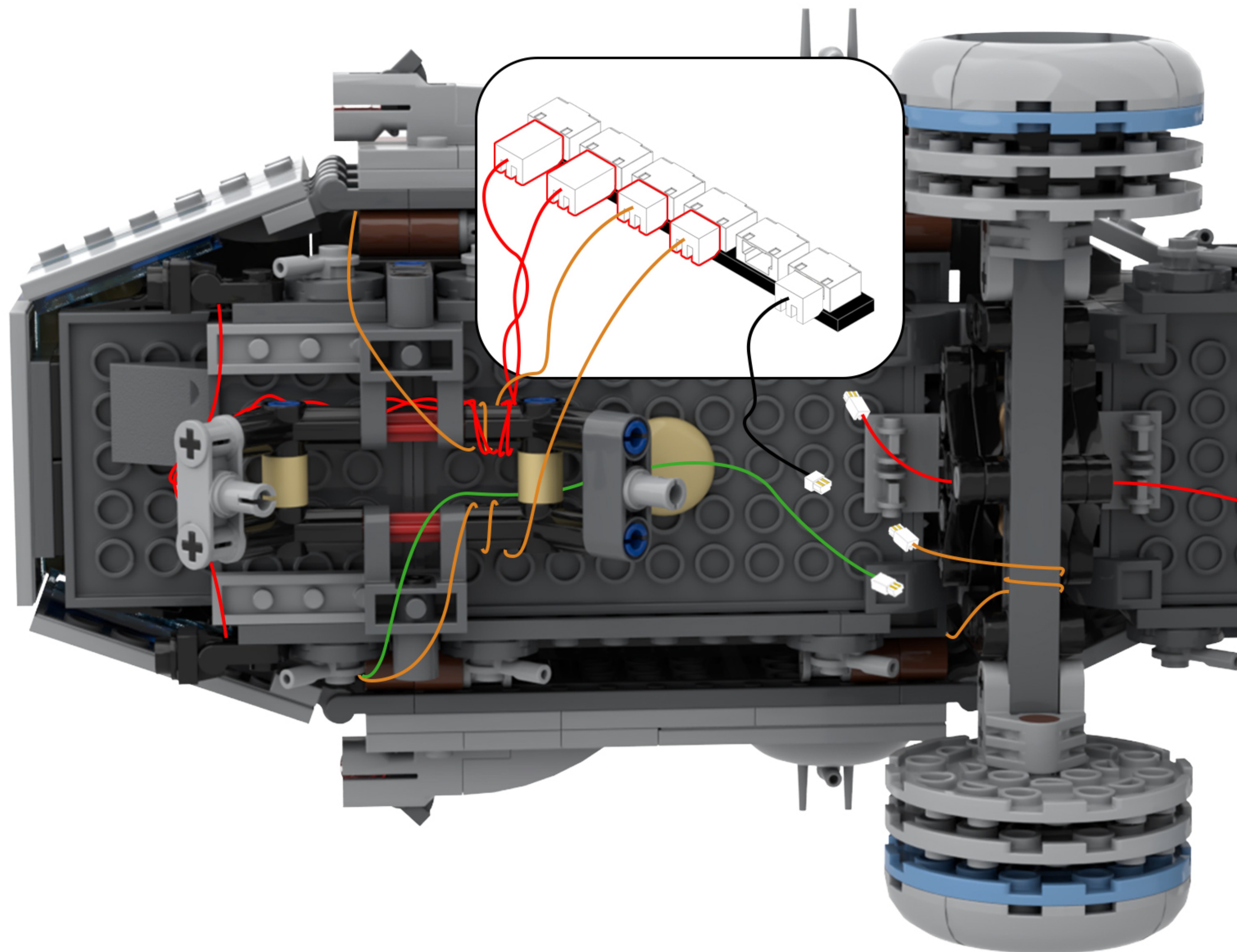
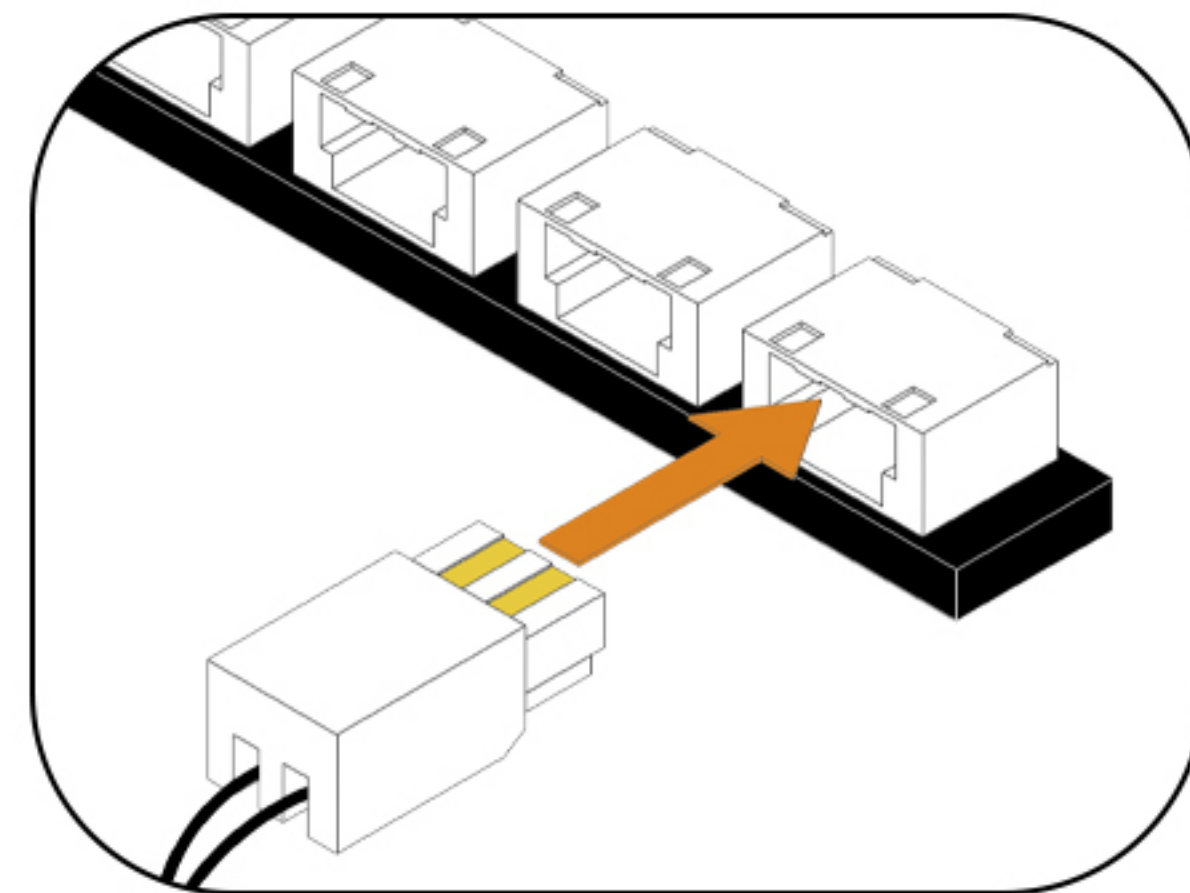
DE: Suchen Sie die vier Lichtkabel in der Abbildung.



71

EN: Connect the four light cables to the expansion board in sequence.

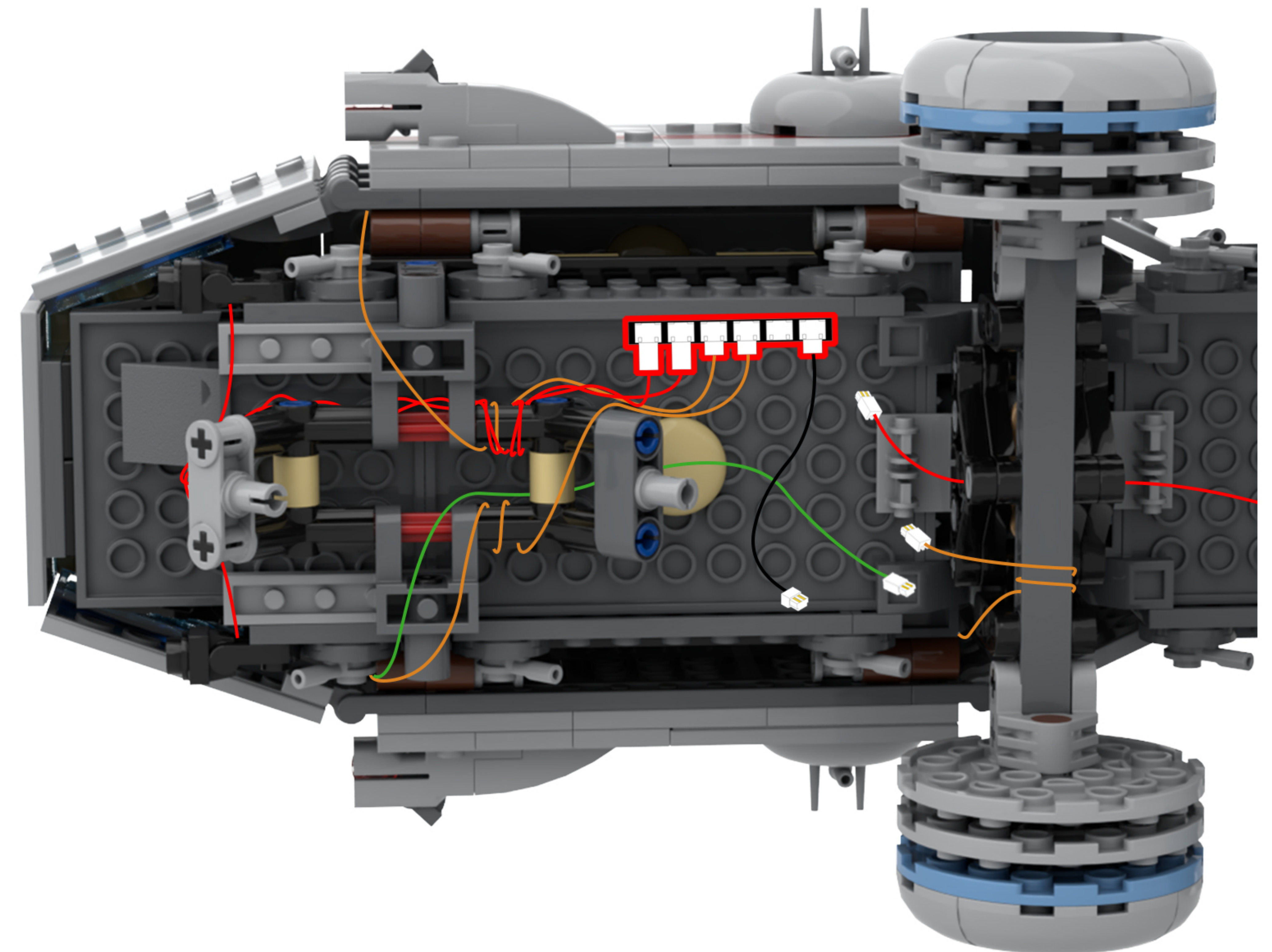
DE: Schließen Sie die vier Lichtkabel der Reihe nach an die Erweiterungskarte an.



72

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.



73

EN: Remove the remote control module and remote control from bag A03801.

DE: Entnehmen Sie das Fernbedienungsmodul und die Fernbedienung aus der Tasche A03801.

Remote Control Function Introduce

ON: All lights turn on sequentially.

OFF: All lights are off.

 : A, B, C, D are turned on slowly in sequence.

 : Breathing light mode.

 : A and D the light is on and C and B flash alternately.

 : A the light is on, B, C, D flow light effect I.

 : A the light is on, B, C, D flow light effect II.

 : Quickly open from A to D in turn.

 : A, B, C, D flow light effect.

 : A, B, C, D flash alternately.



A: Turn A on/off.

B: Turn B on/off.

C: Turn C on/off.

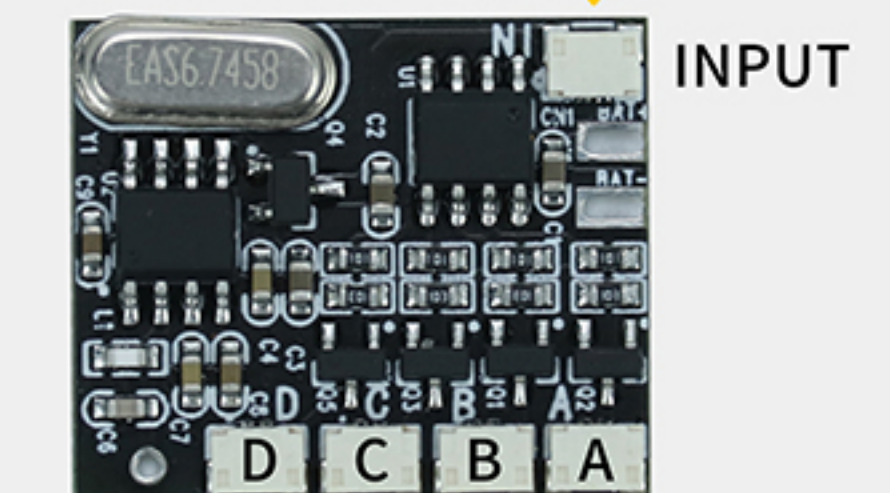
D: Turn D on/off.

↑: Increase frequency.

↓: Decrease frequency.

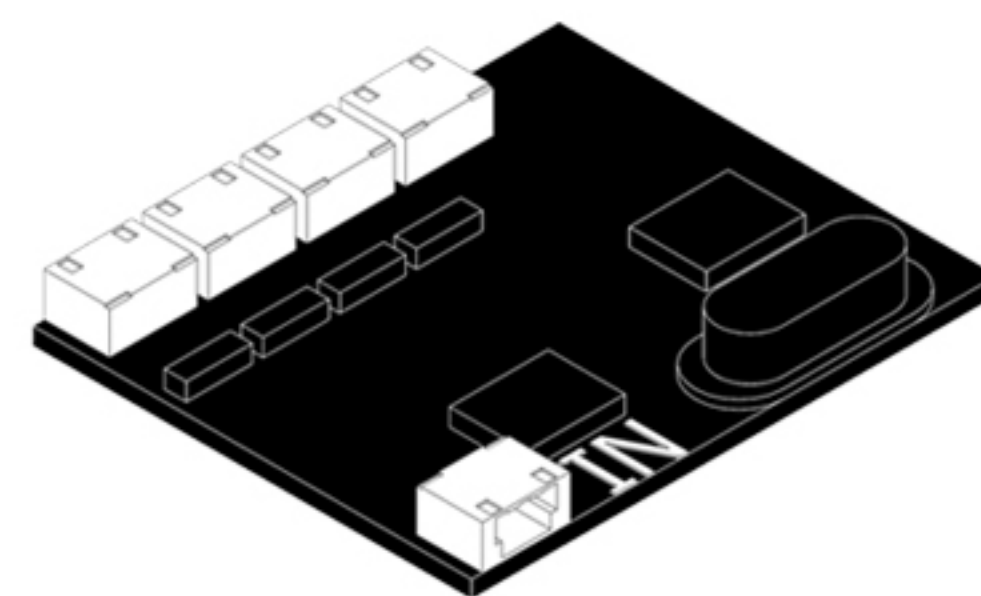
+ Brightness+: Increases brightness

- Brightness-: Decreases brightness



Remote Control Battery

The remote control does not contain batteries, please buy a CR2025 or CR2032 button battery in the nearest store and install it in the remote control.



x1

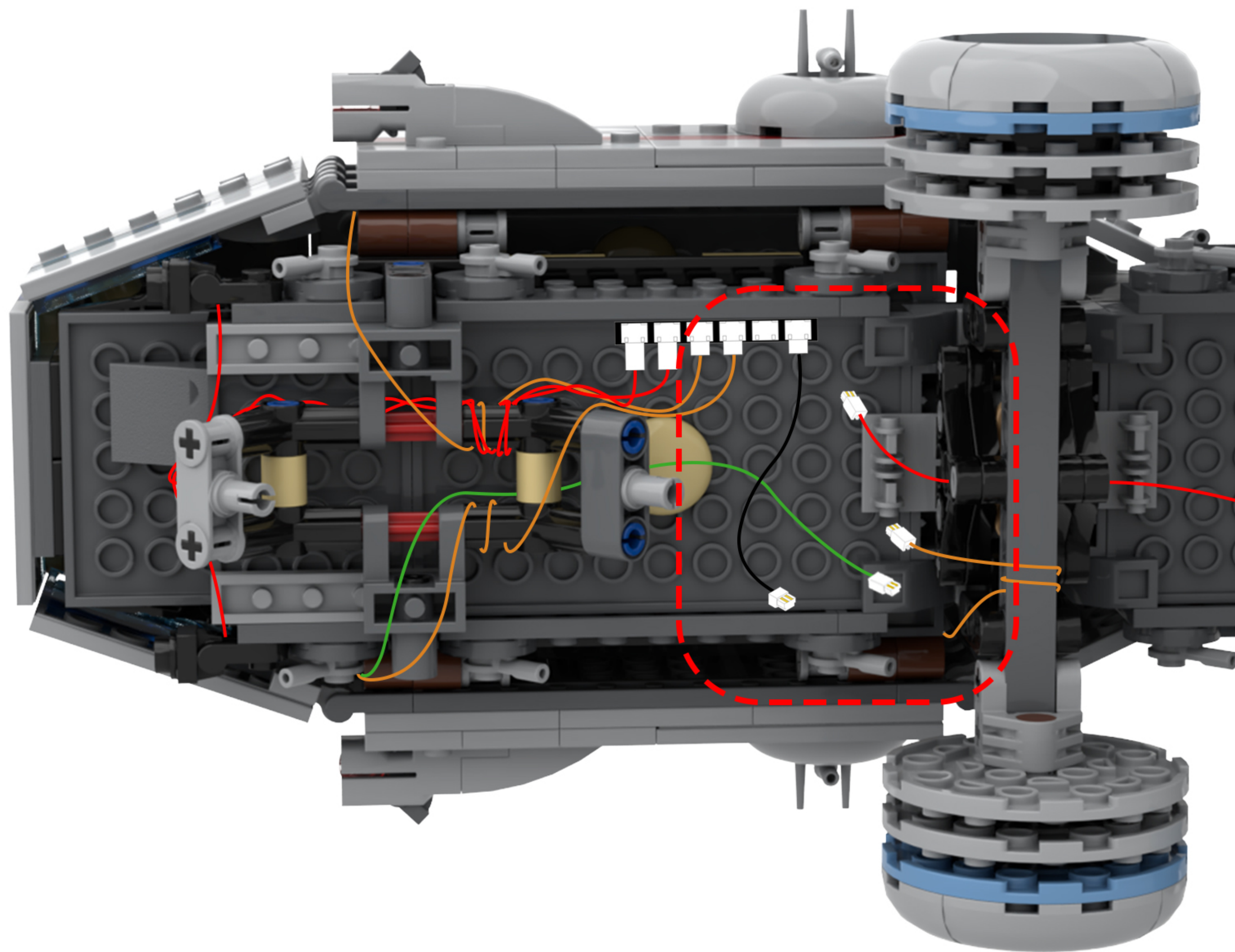


x1

74

EN: Locate the four light wires in the diagram.

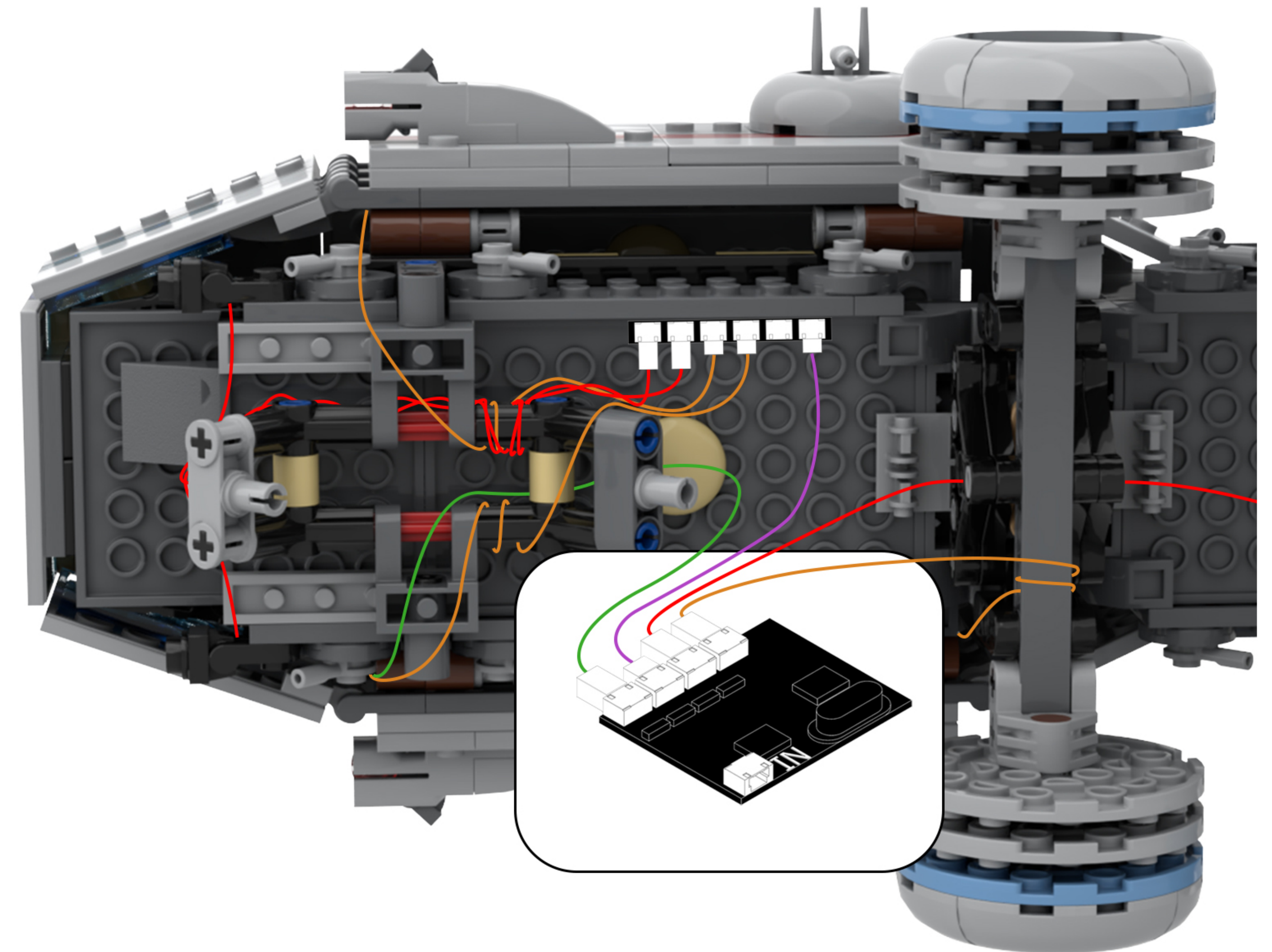
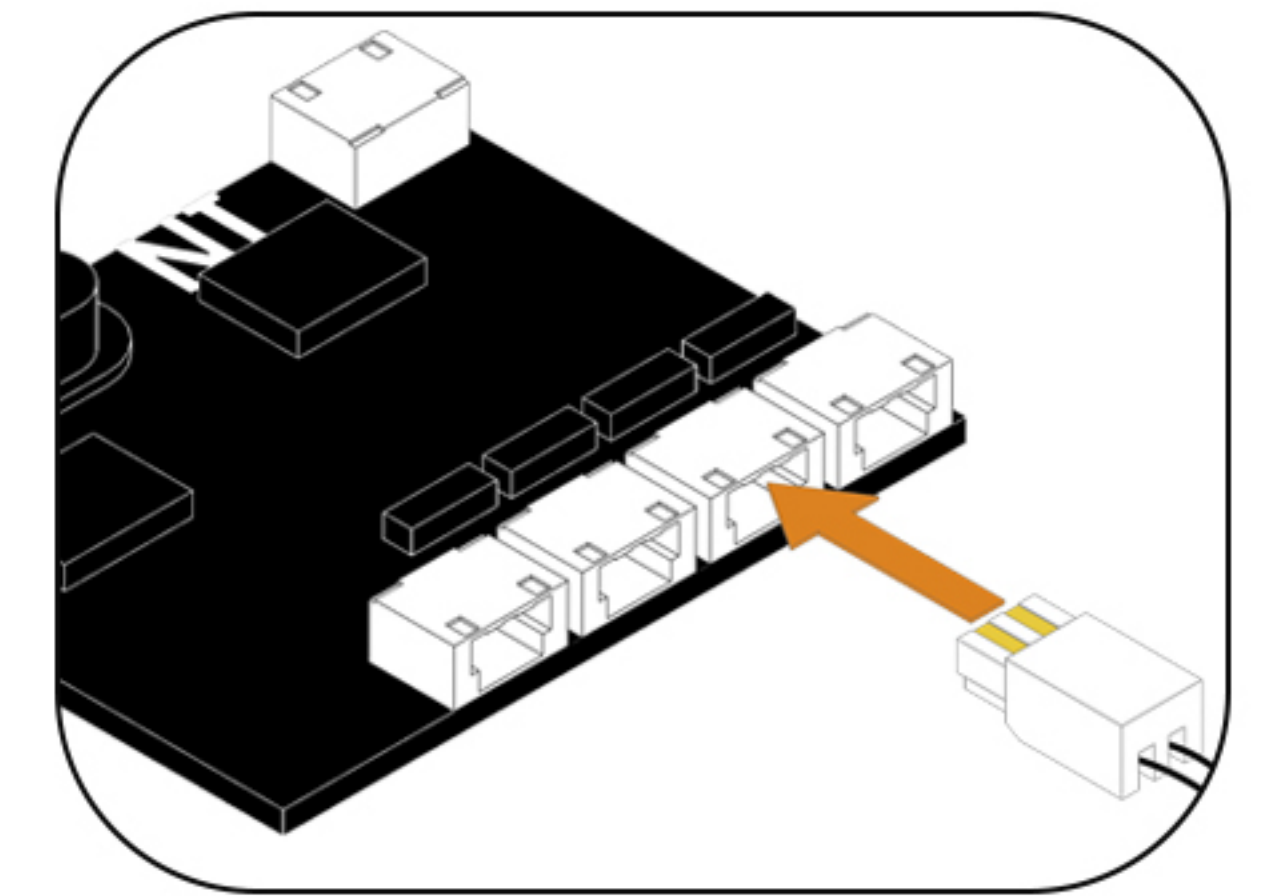
DE: Suchen Sie die vier Lichtkabel in der Abbildung.



75

EN: Connect the four light wires to the remote control module in sequence.

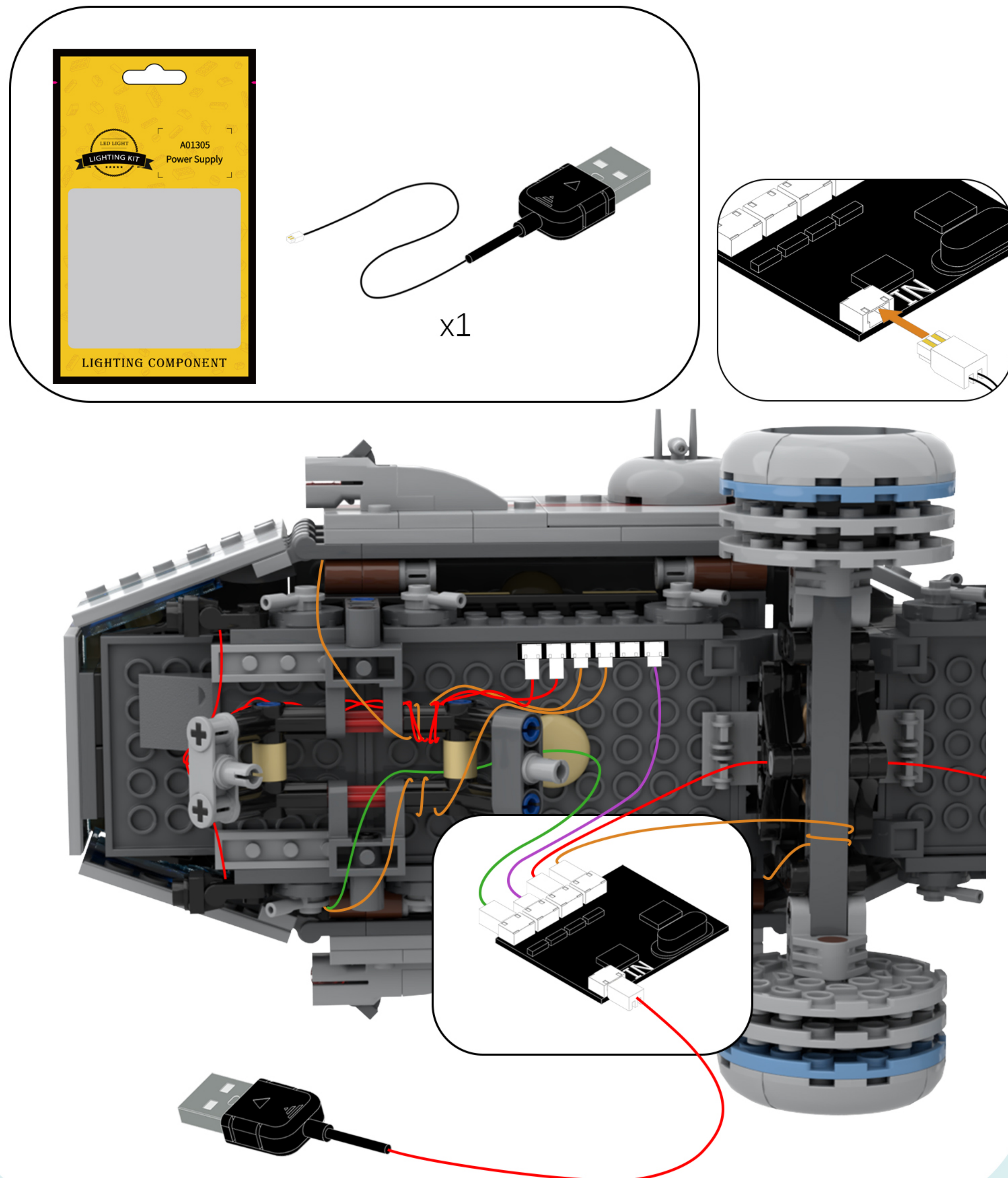
DE: Verbinden Sie die vier Lichtkabel nacheinander mit dem Fernbedienungsmodul.



76

EN: Remove the USB power cable from bag A01305 and connect it to the remote control module.

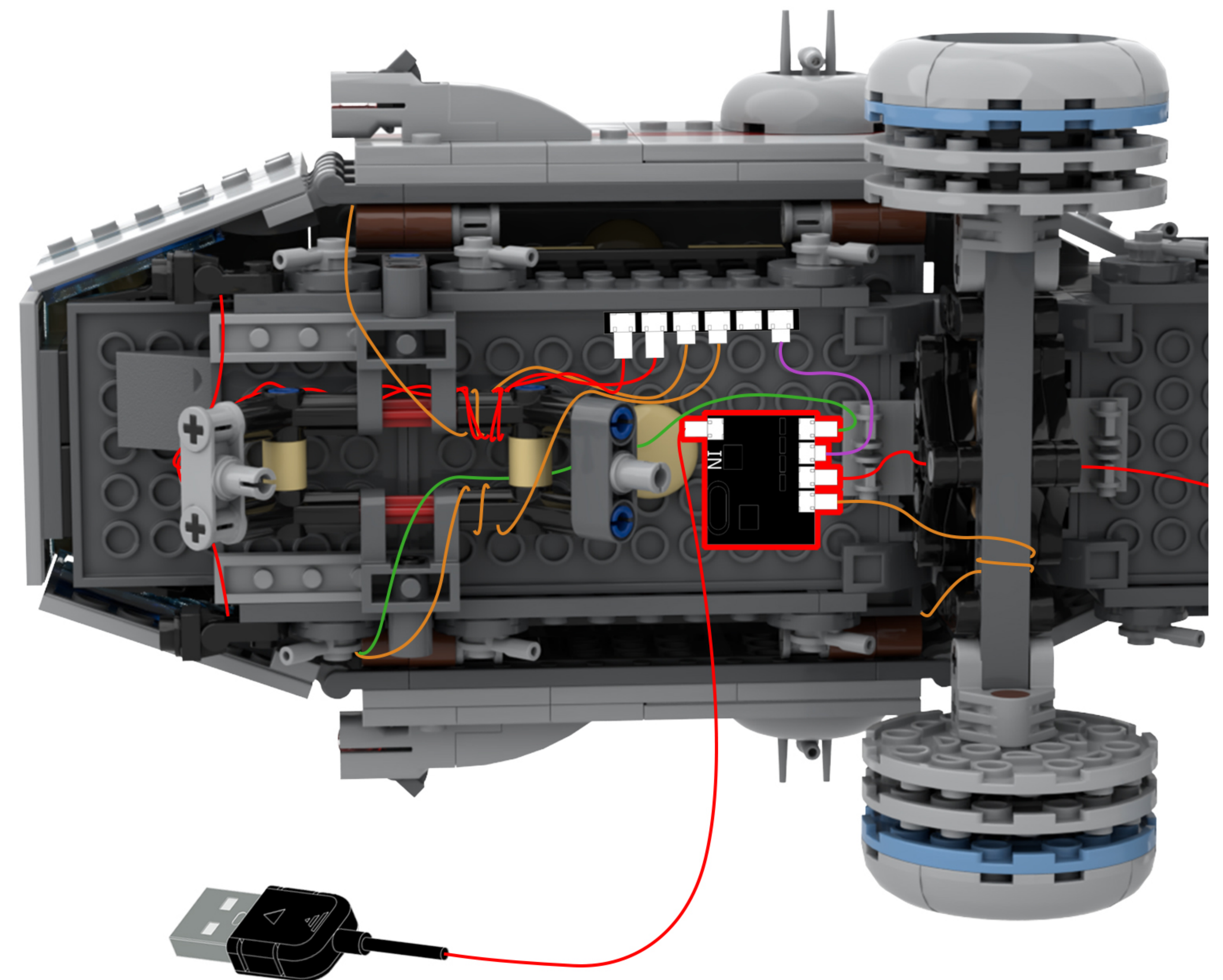
DE: Entfernen Sie das USB-Stromkabel aus der Tasche A01305 und schließen Sie es an das Fernbedienungsmodul an.



77

EN: Peel off the adhesive backing on the remote control module and attach it to the location shown in the diagram.

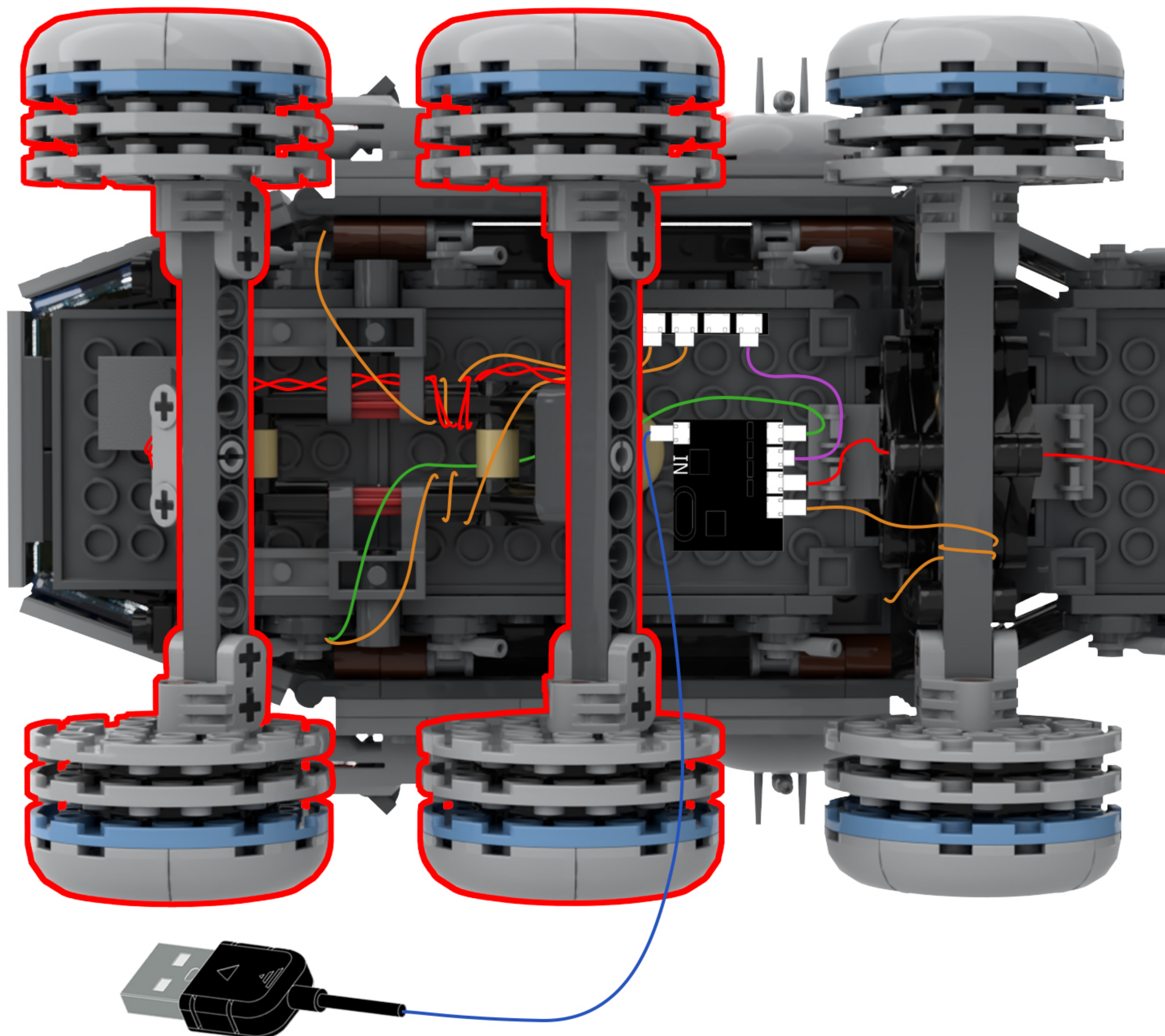
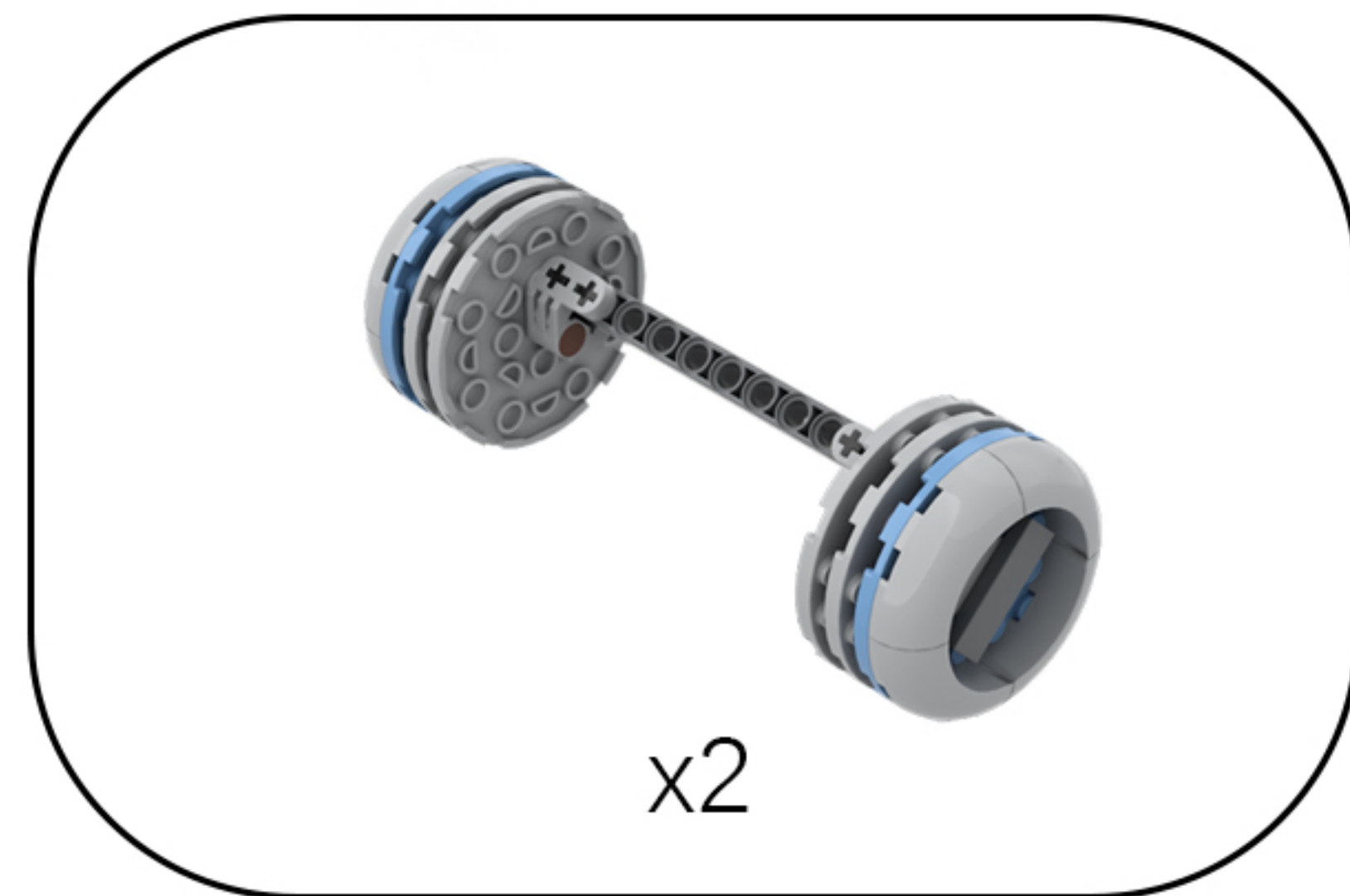
DE: Ziehen Sie die Klebefolie auf der Fernbedienung ab und befestigen Sie sie an der in der Abbildung gezeigten Stelle.



78

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

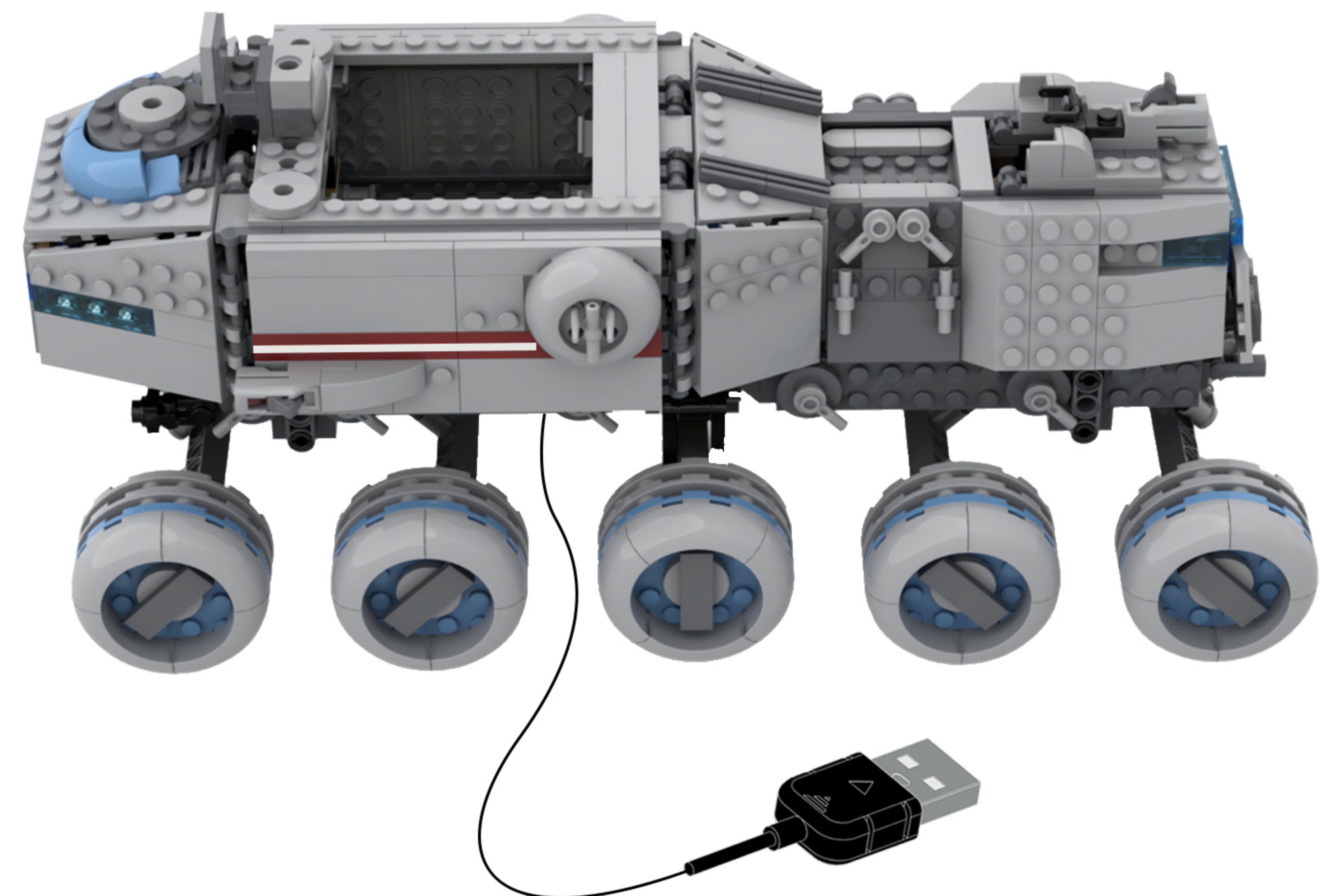
DE: Nehmen Sie die zerlegten Bausteine heraus und setzen Sie sie wieder zusammen.



79

EN: Flip the model to restore it.

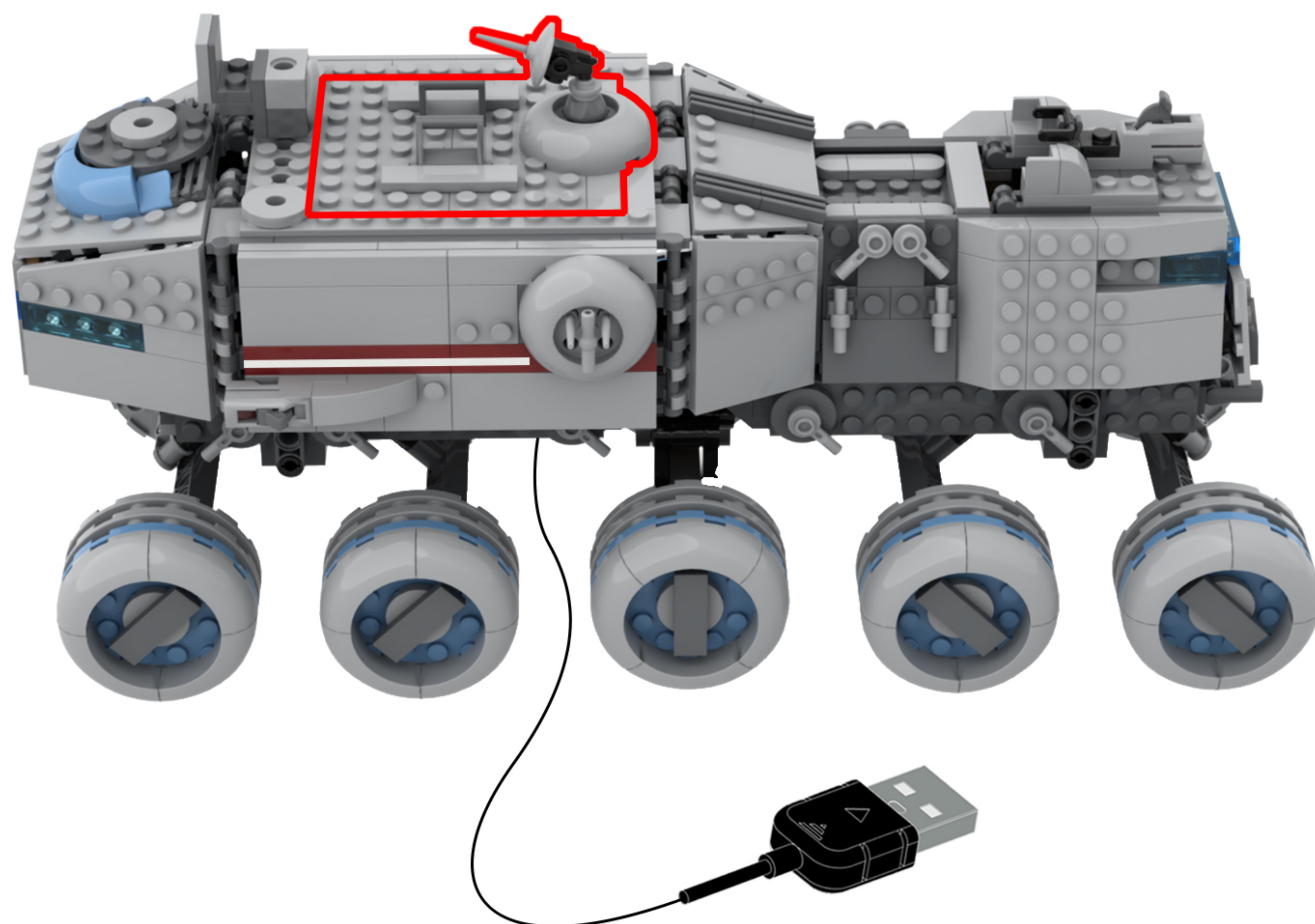
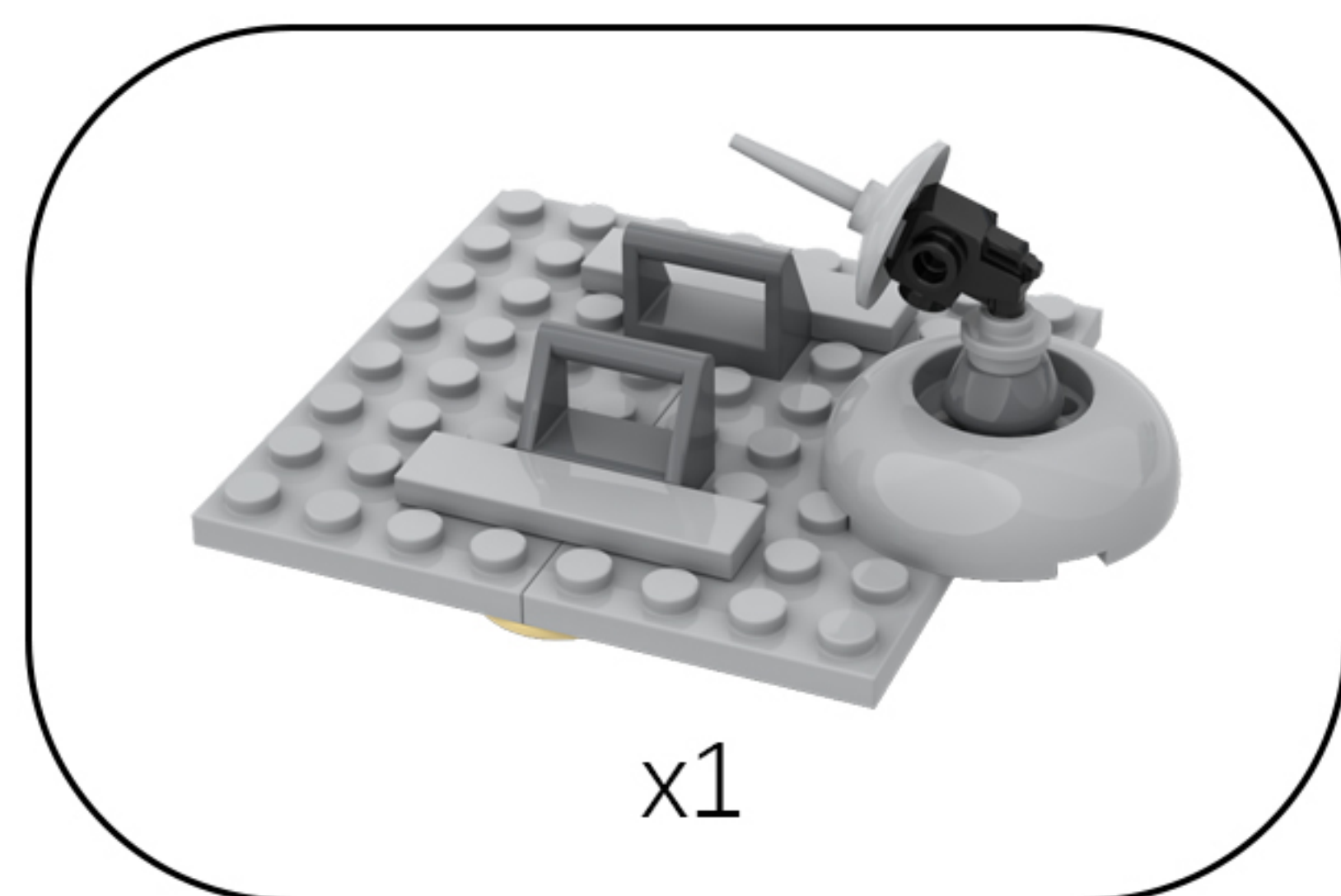
DE: Drehen Sie das Modell um, um es wiederherzustellen.



80

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

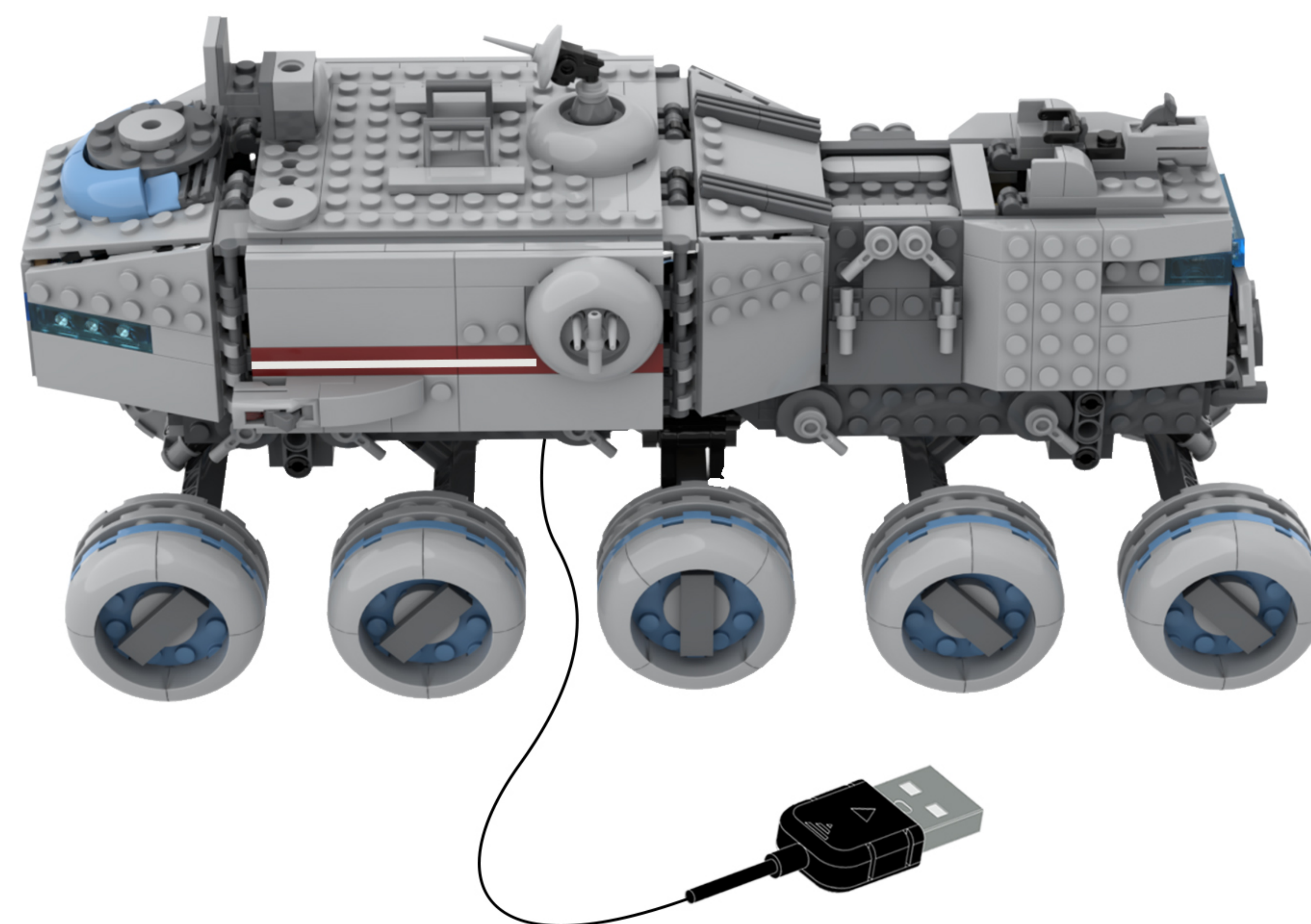
DE: Nehmen Sie die zerlegten Bausteine heraus und setzen Sie sie wieder zusammen.

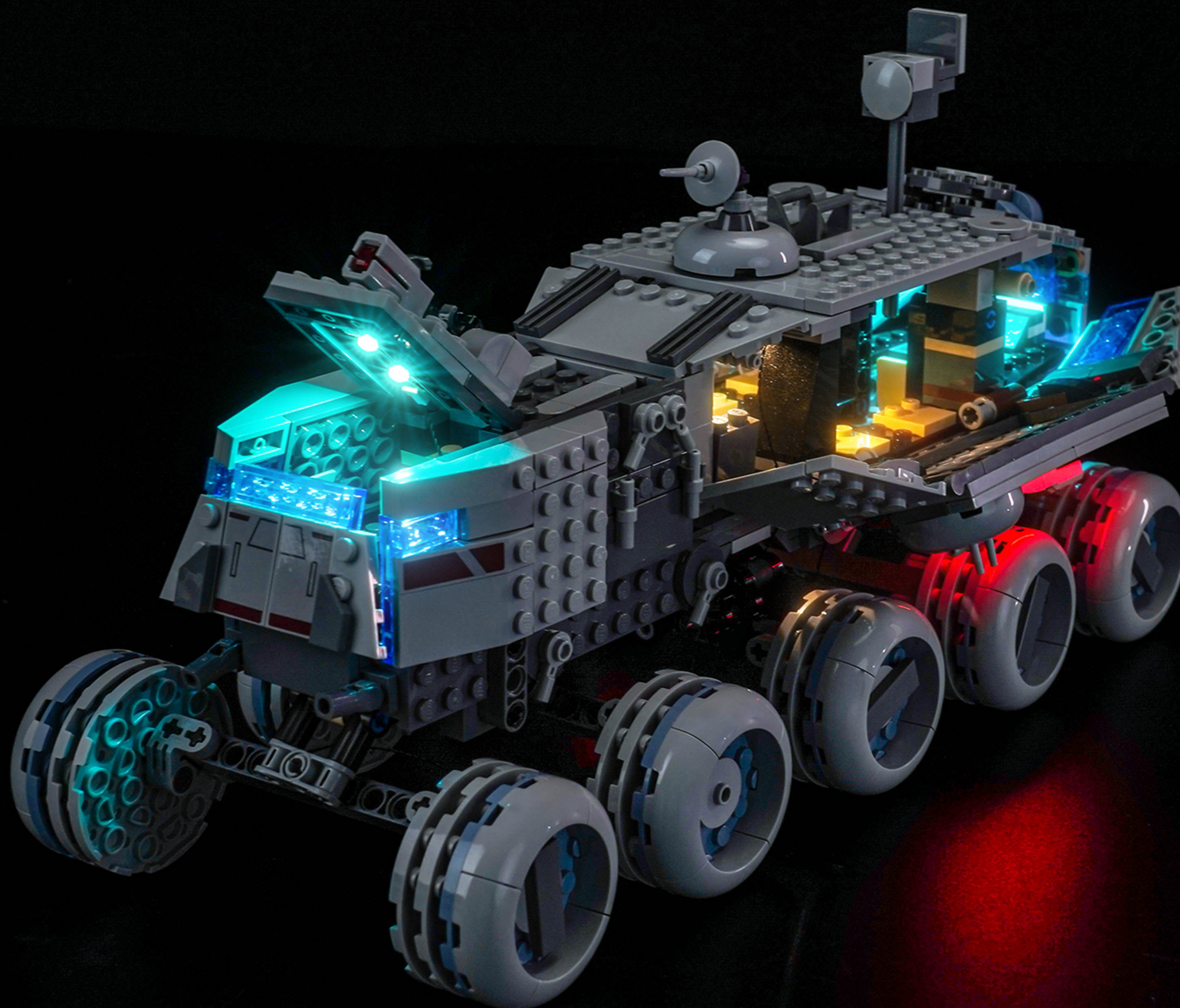


81

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!