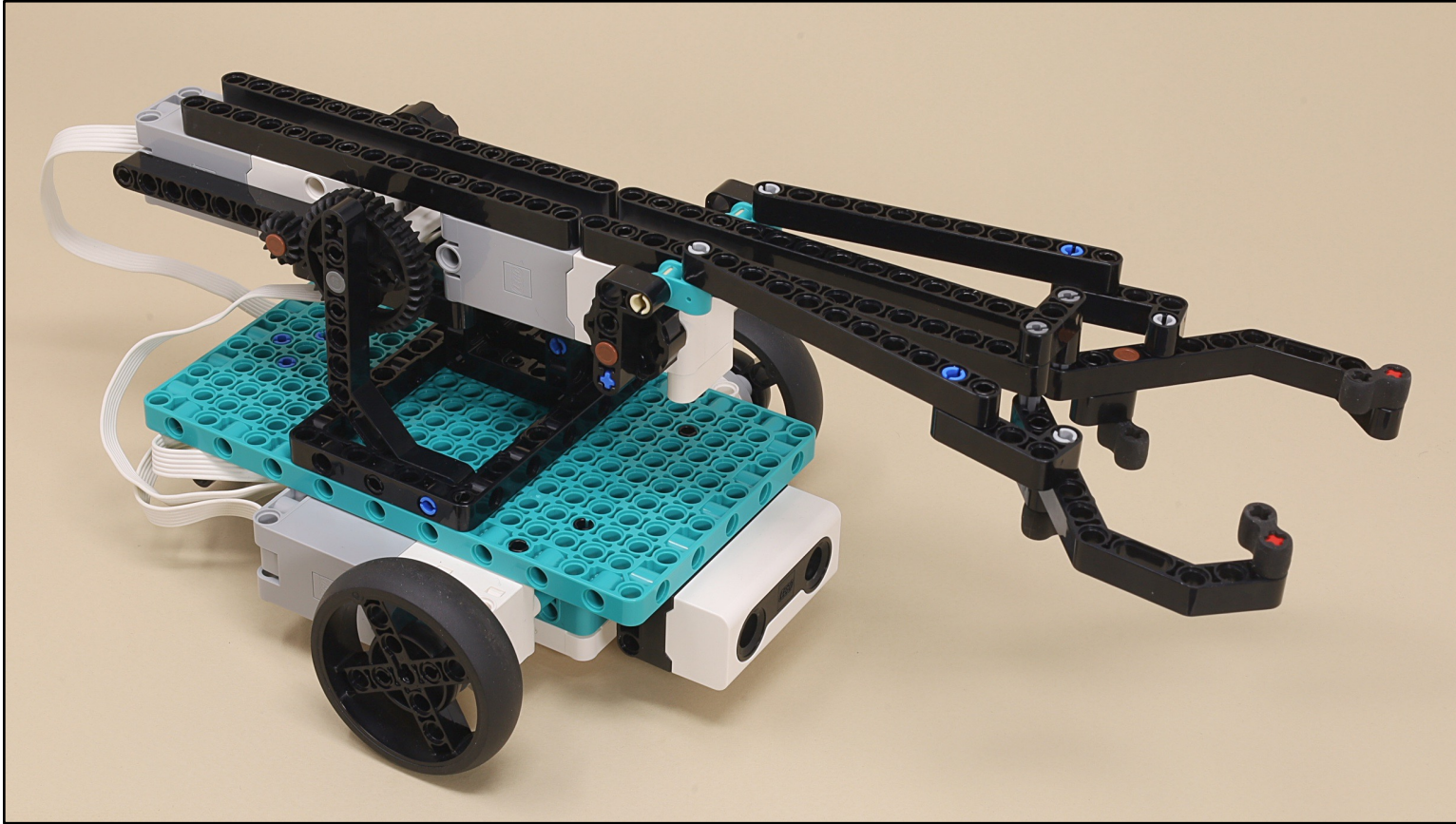


Claw Crane



Scroll for
building
instructions





15



15



15



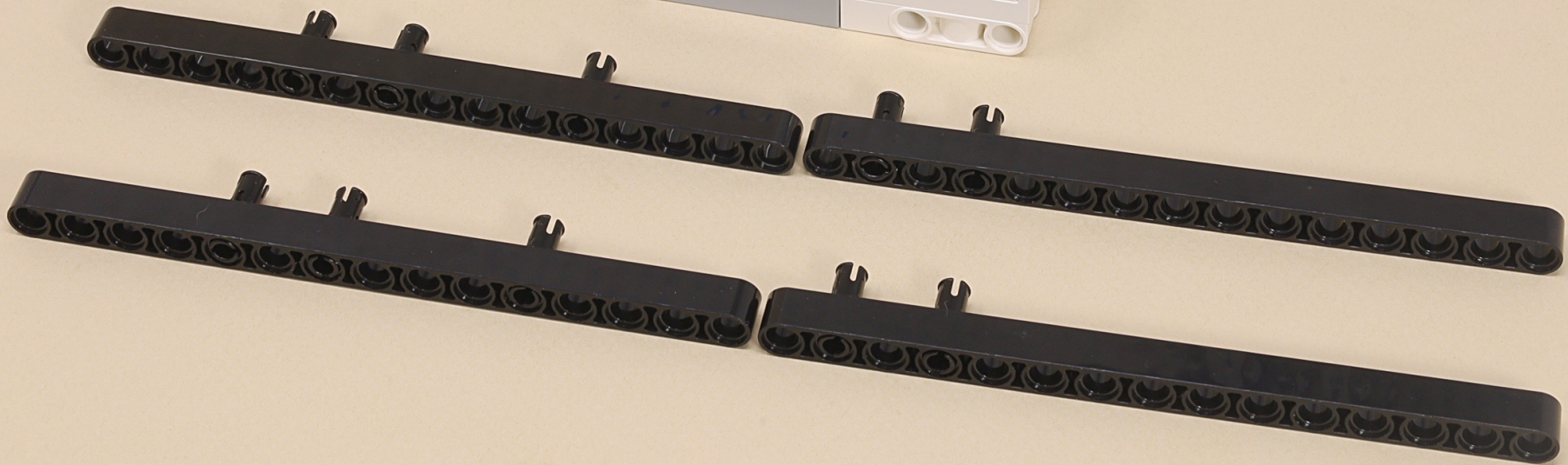
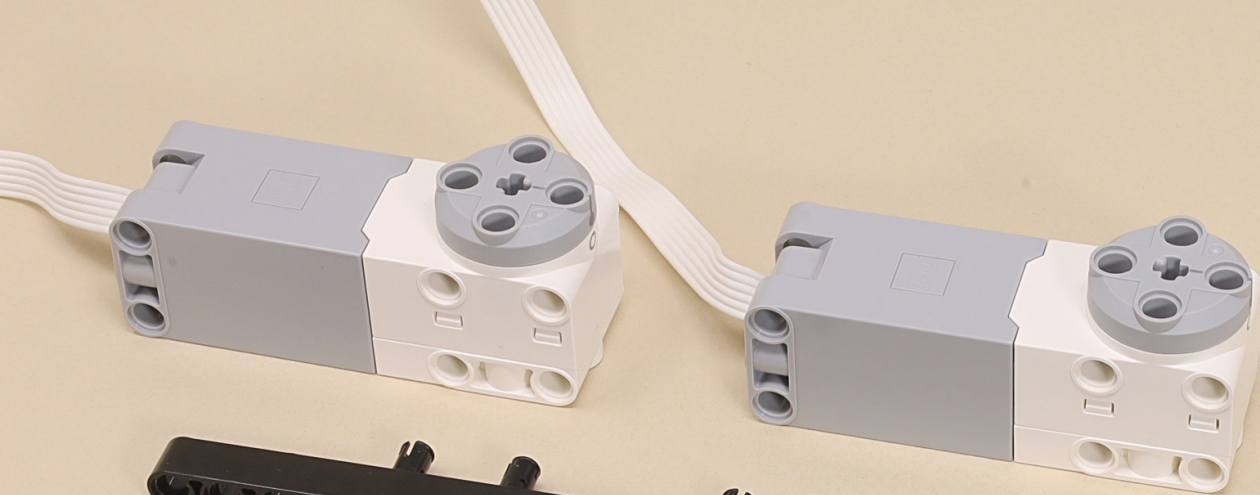
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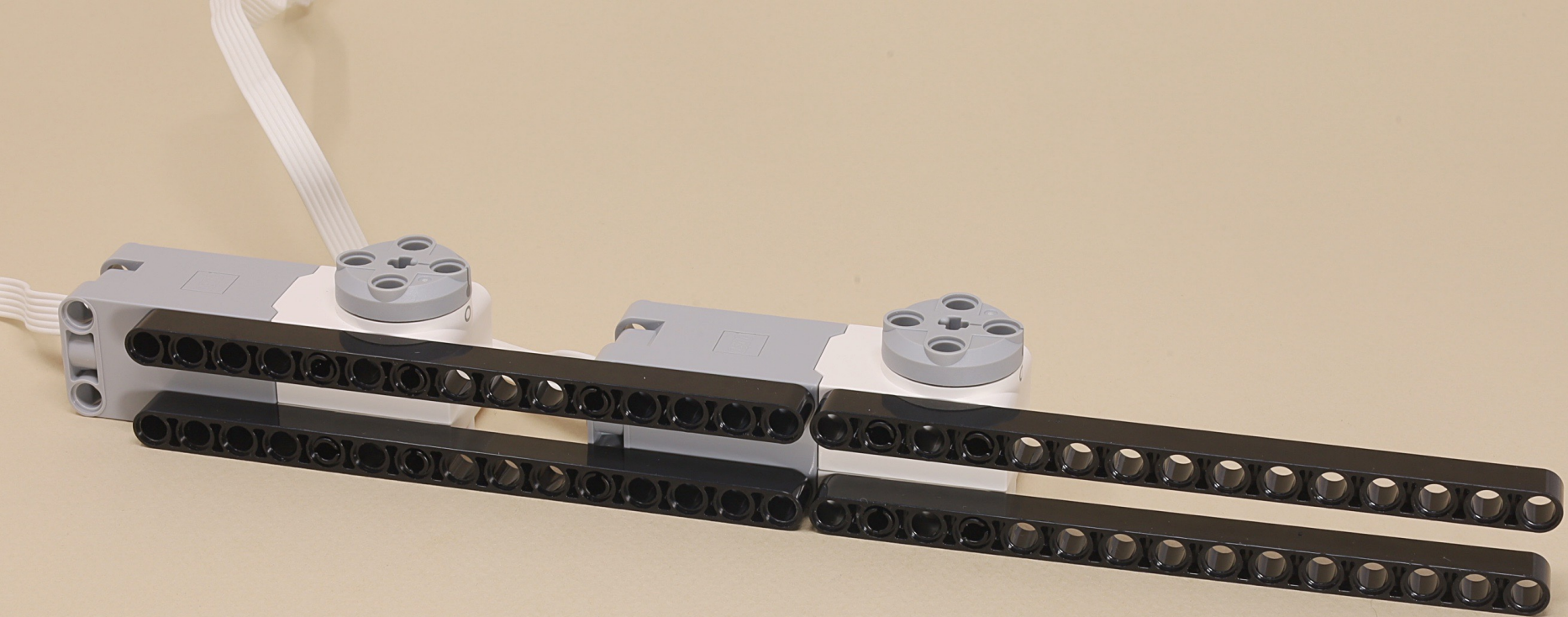


(10 x)





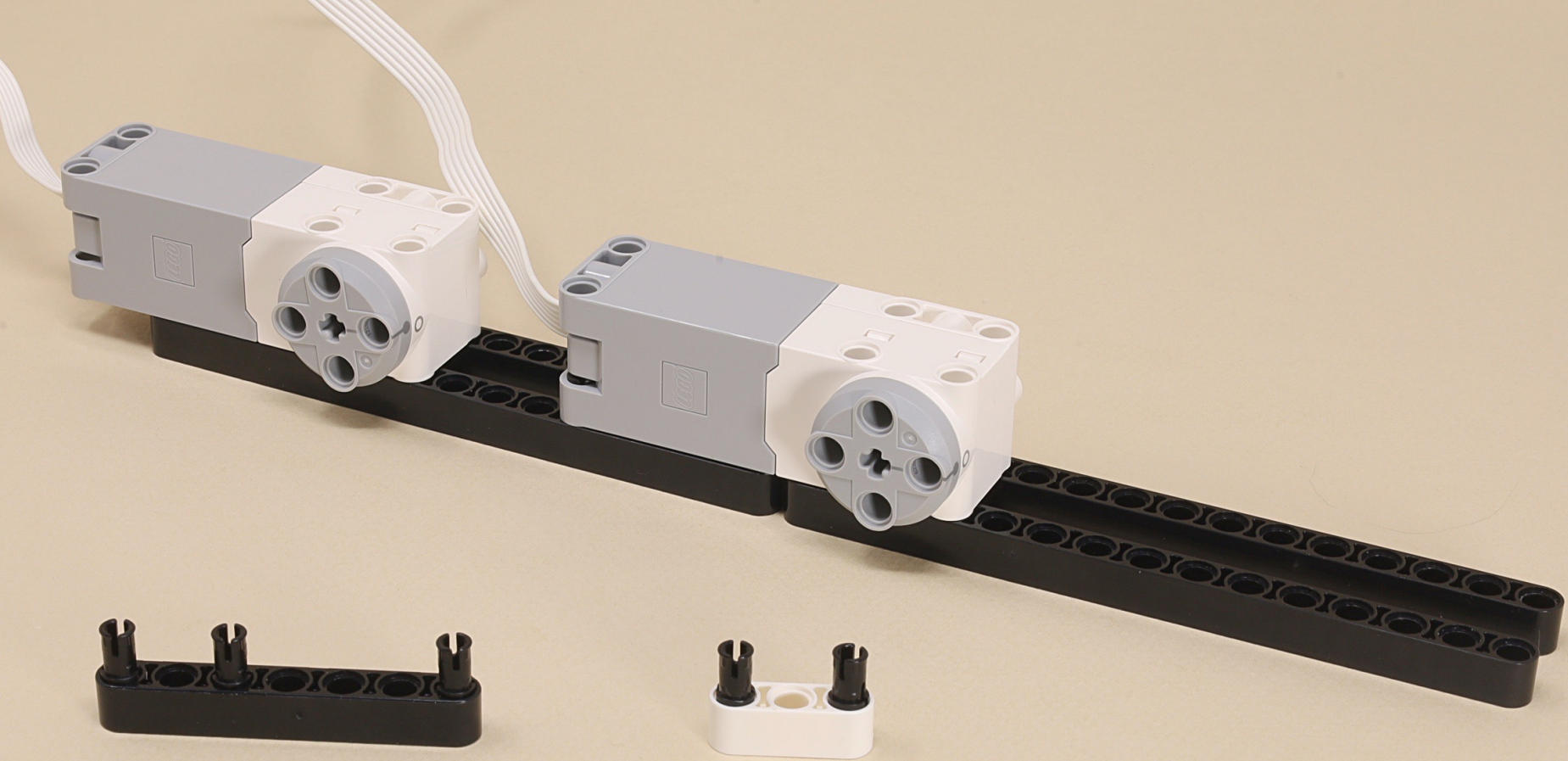


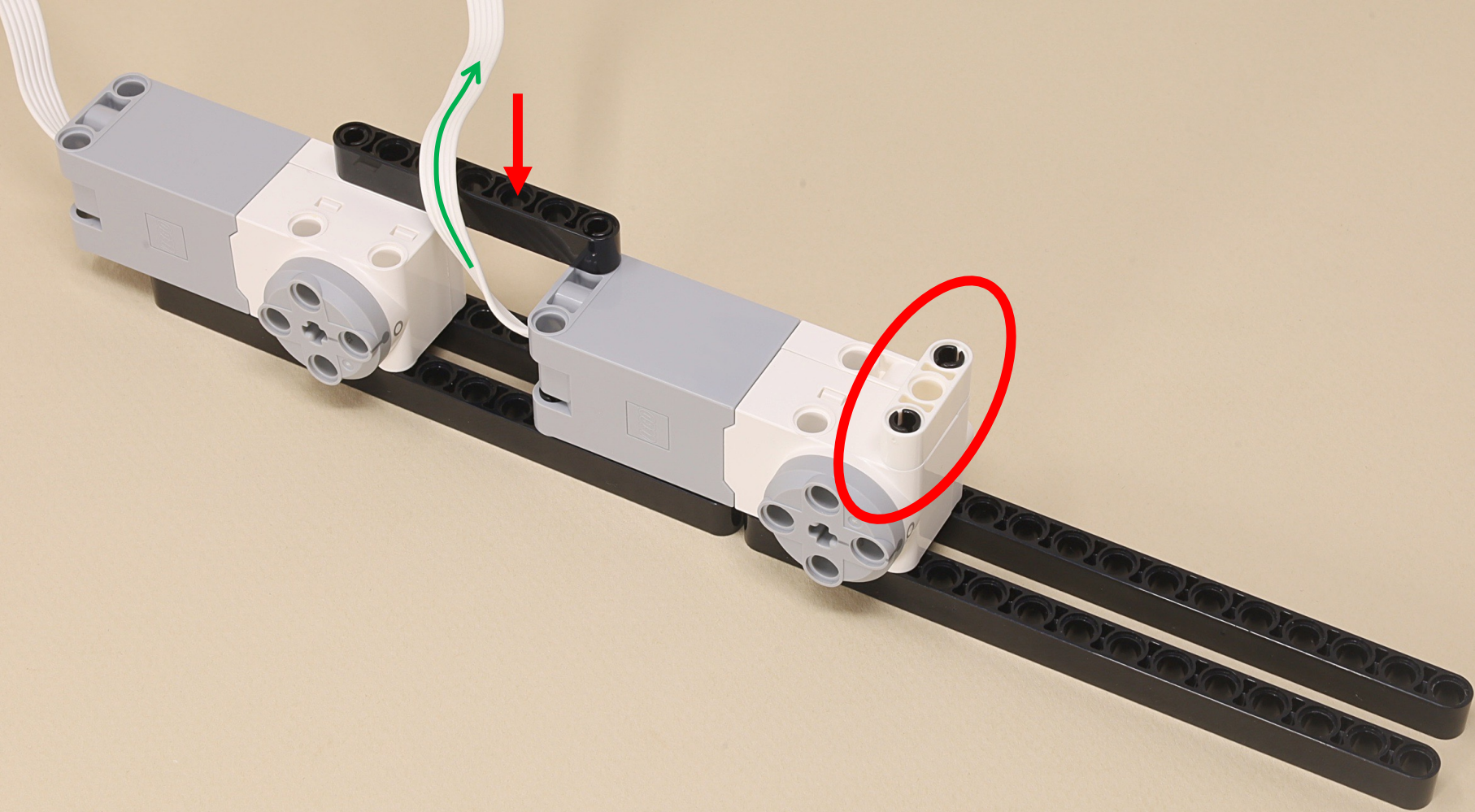


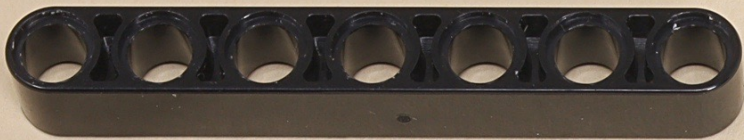


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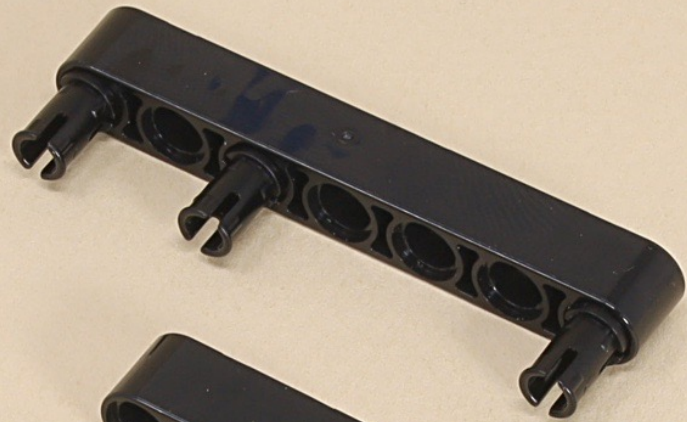


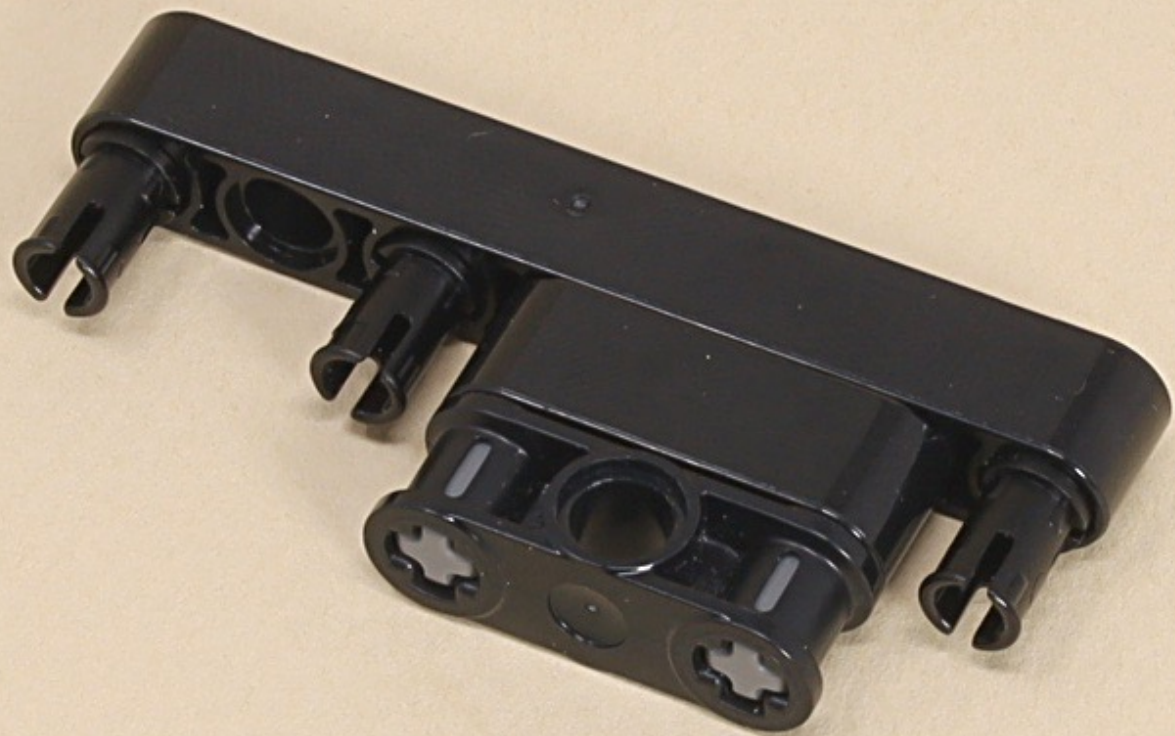


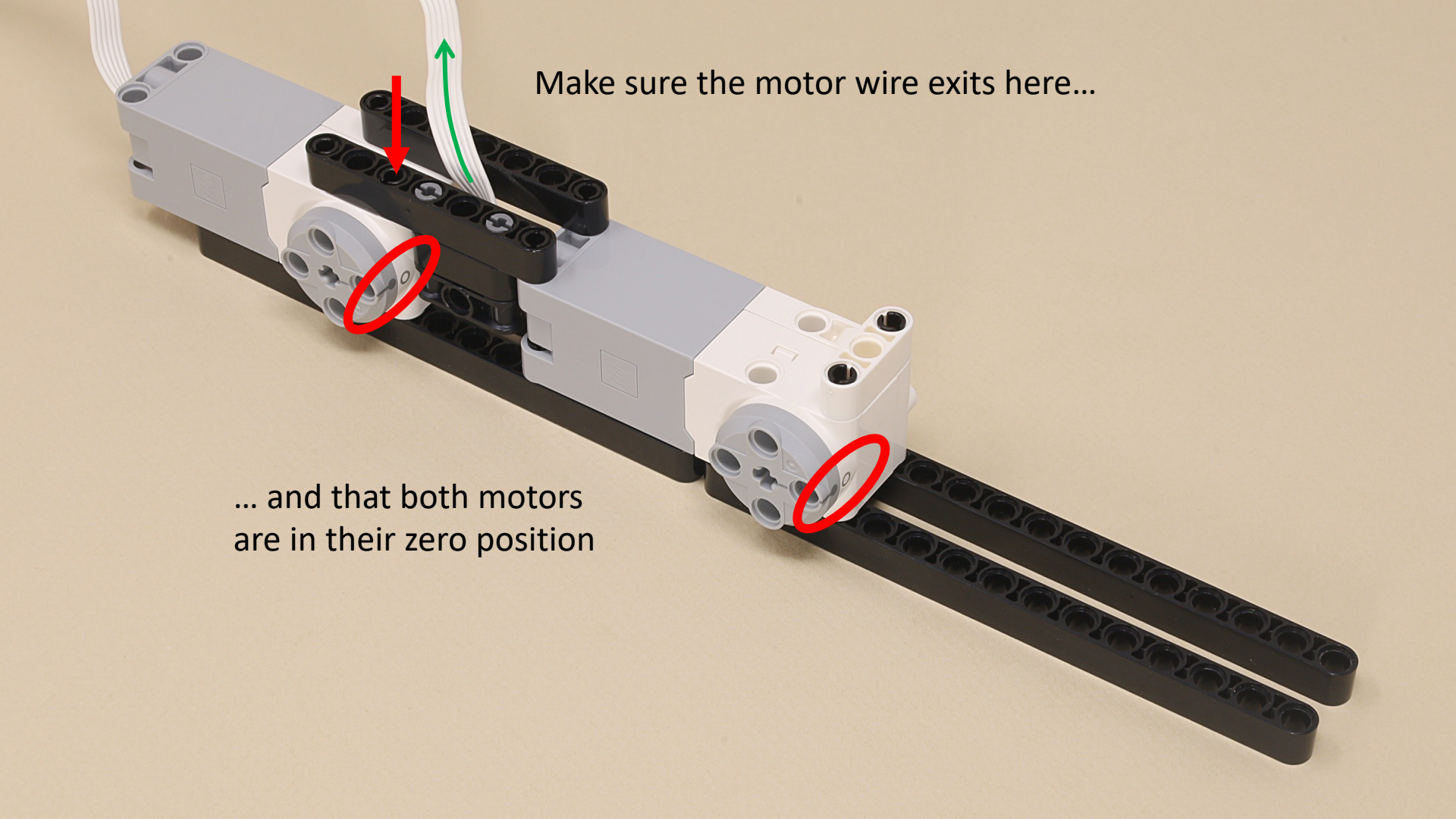


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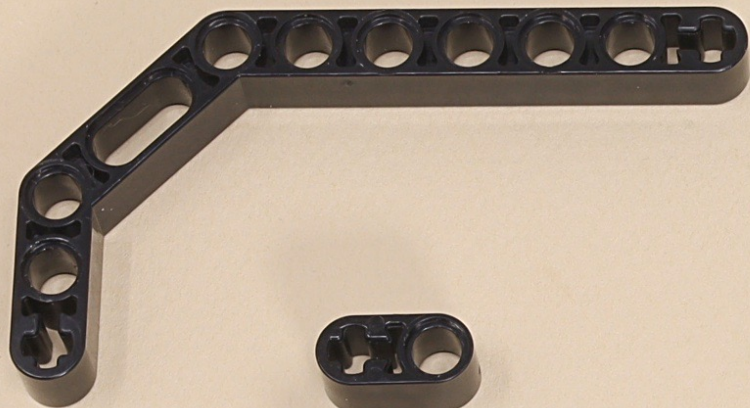




A photograph of a LEGO Technic assembly. It features two grey and white motor units mounted on a black Technic beam. A red arrow points to a hole in the black beam above the left motor, and a green arrow points upwards from that hole. A red circle highlights the gear on the left motor, and another red circle highlights the gear on the right motor. The assembly is set against a plain, light-colored background.

Make sure the motor wire exits here...

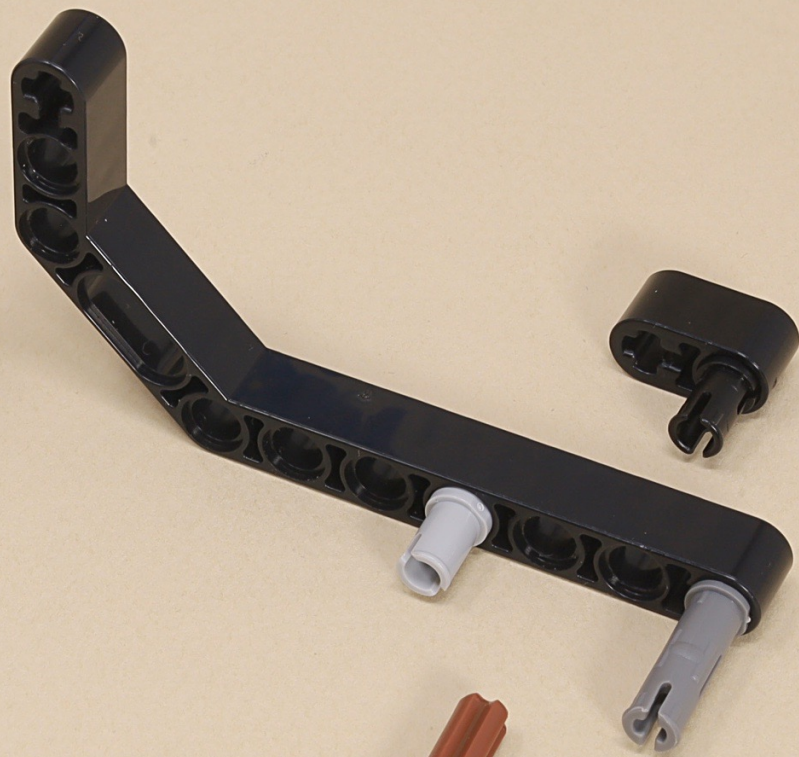
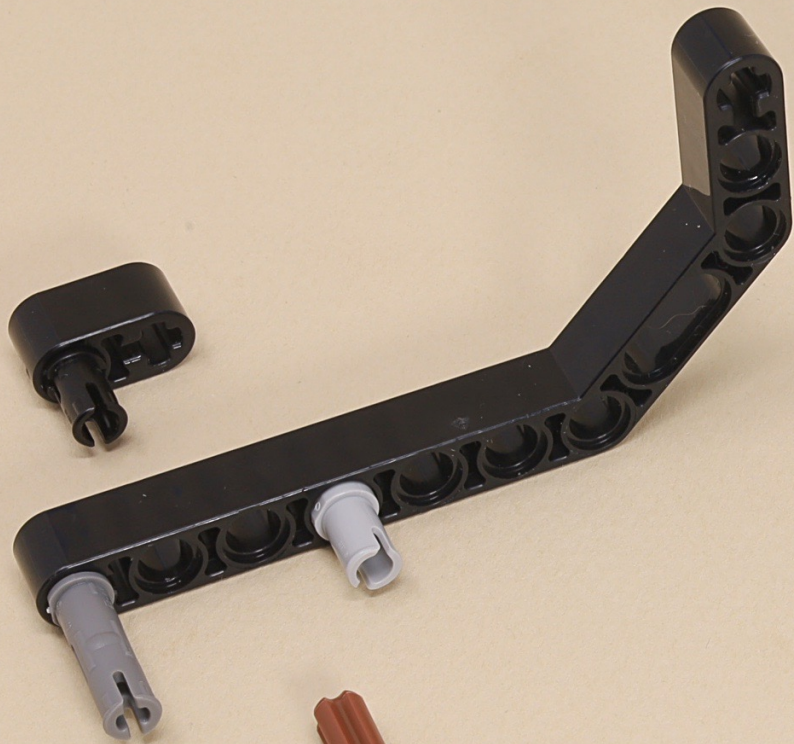
... and that both motors
are in their zero position

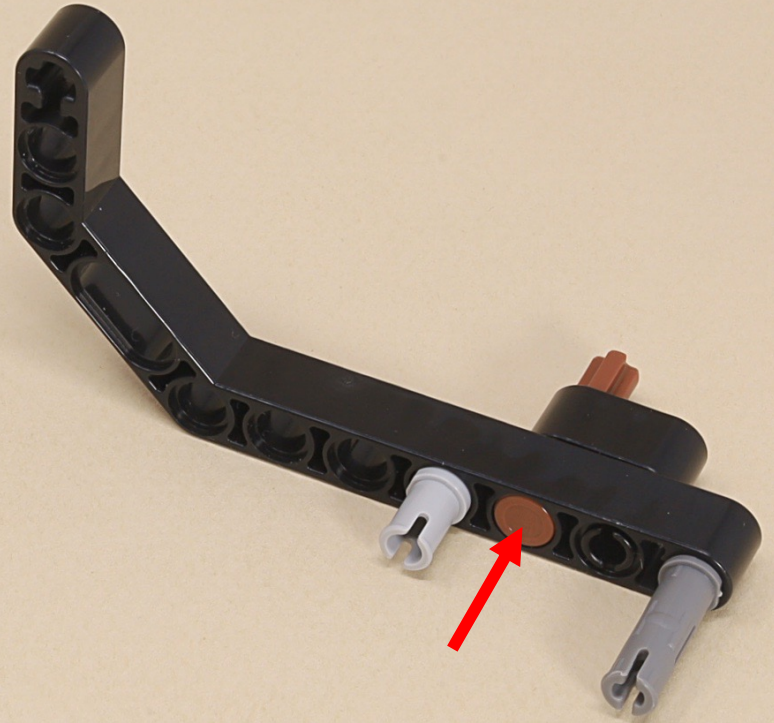
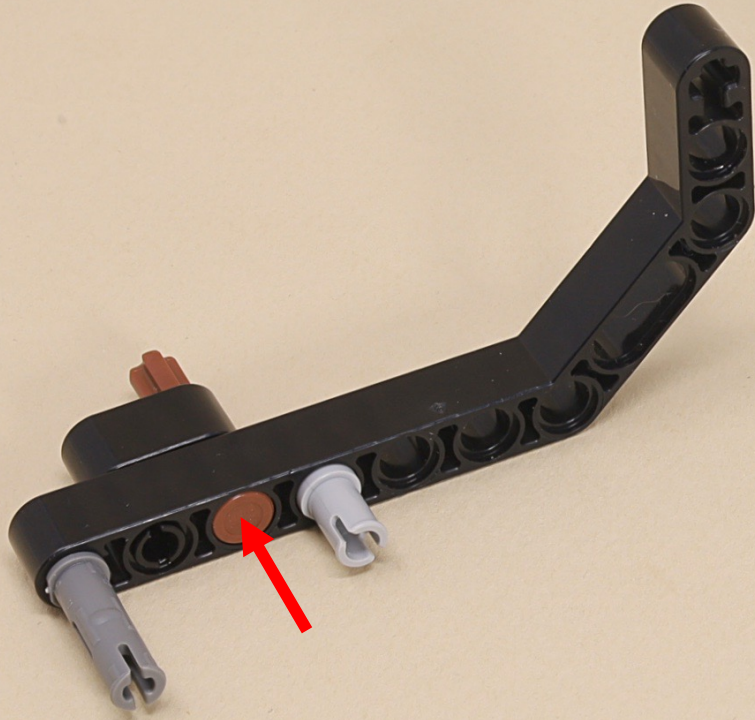


3

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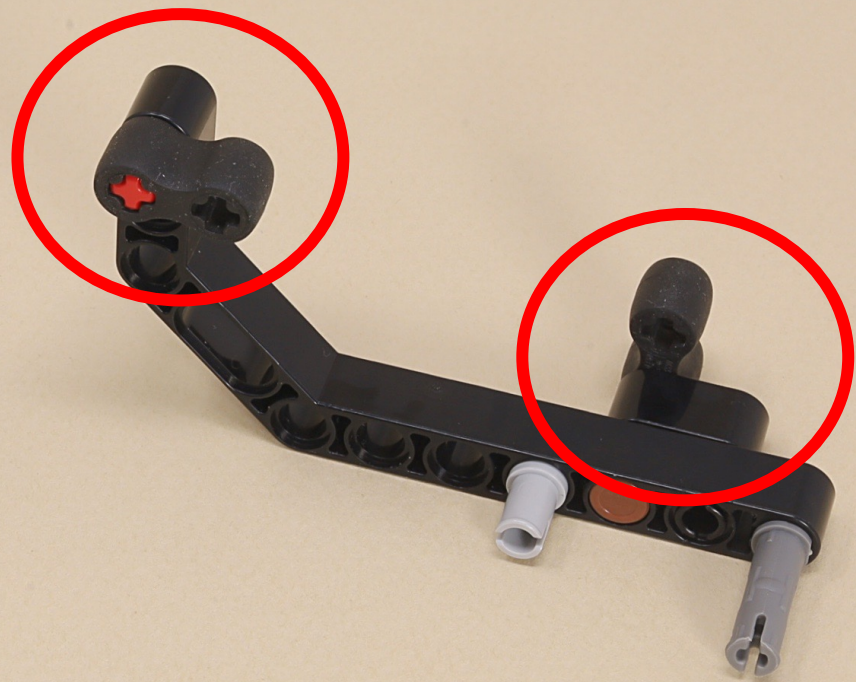
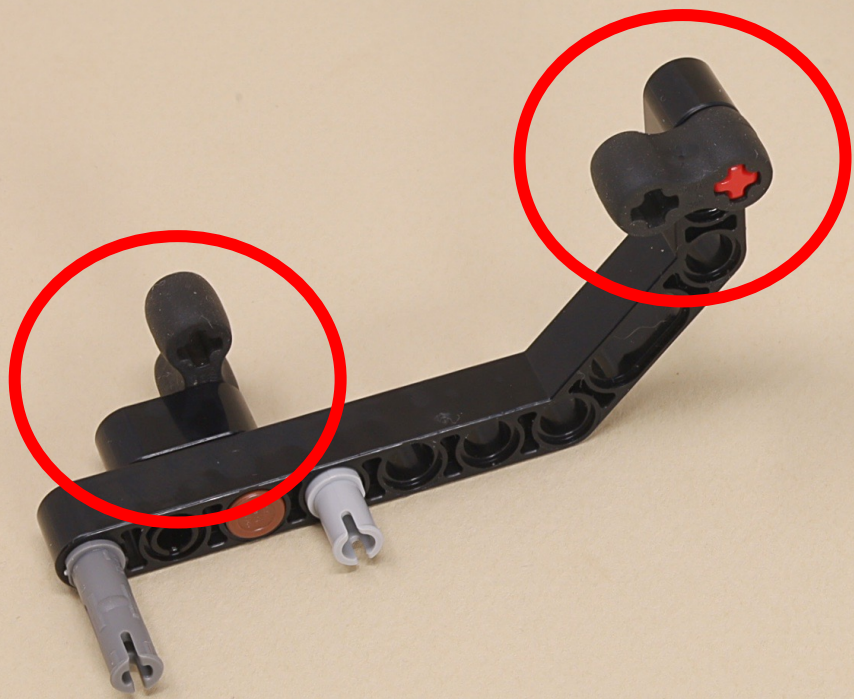


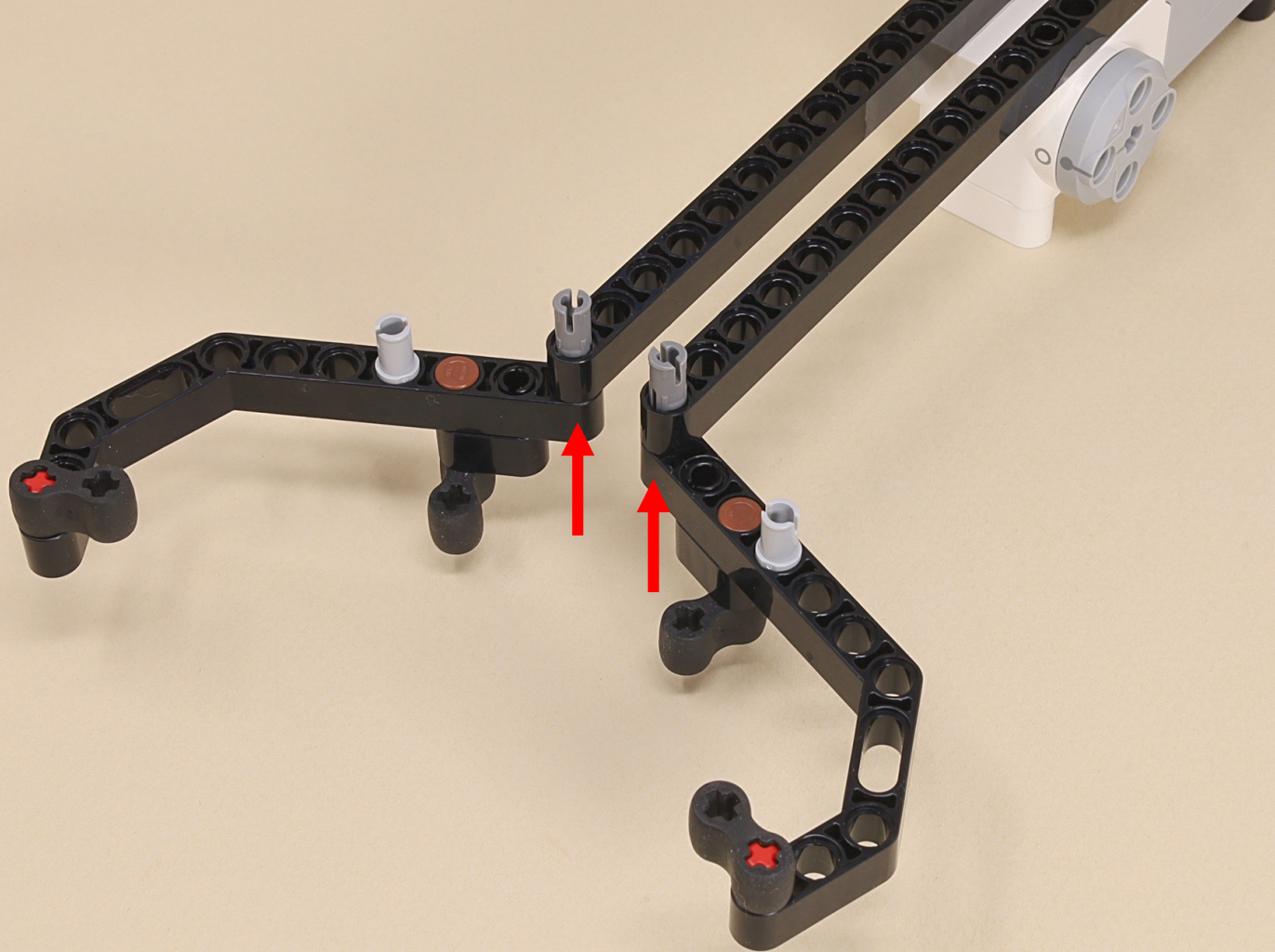


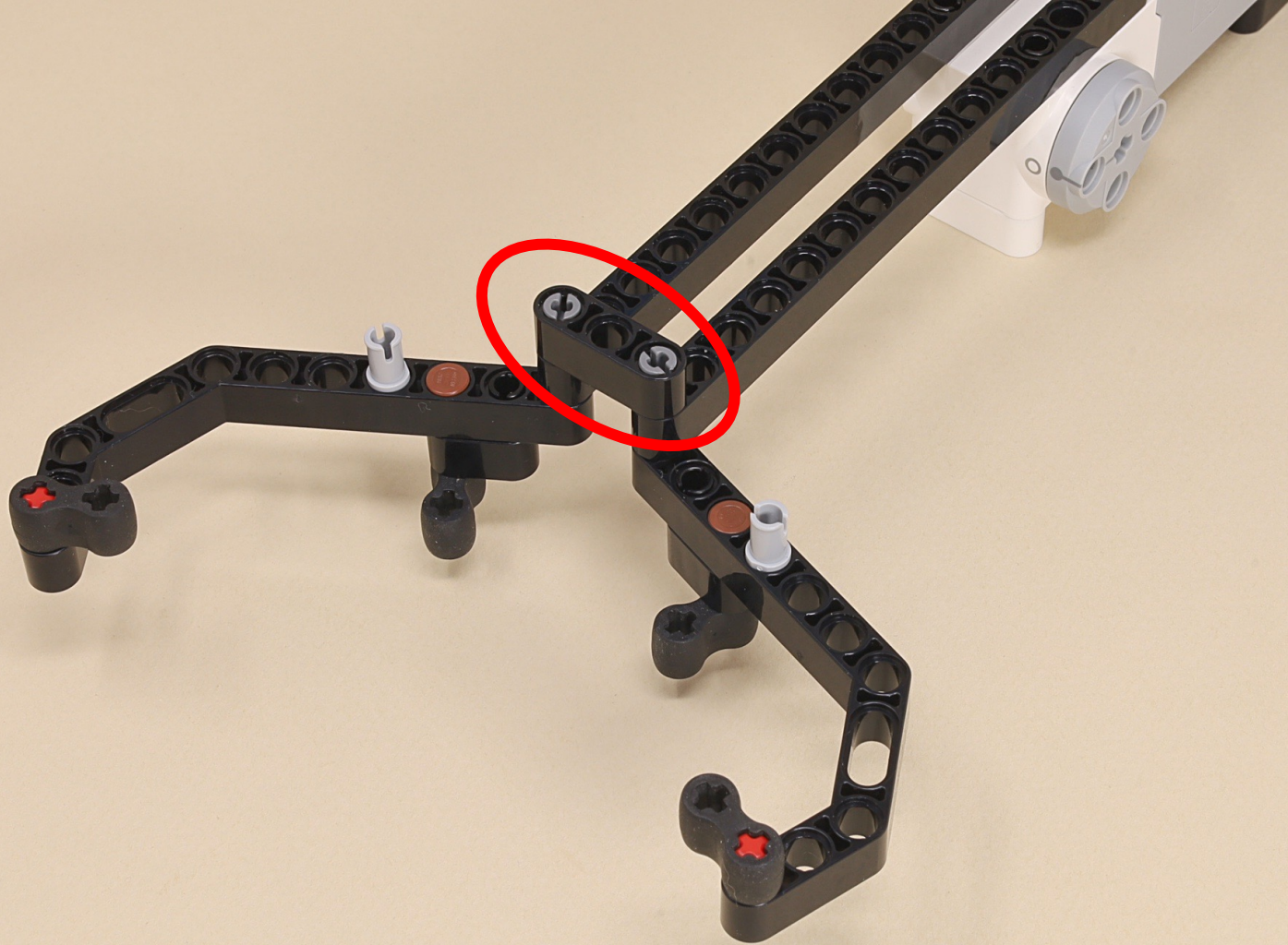








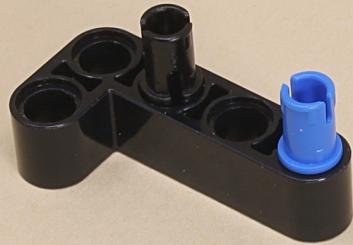




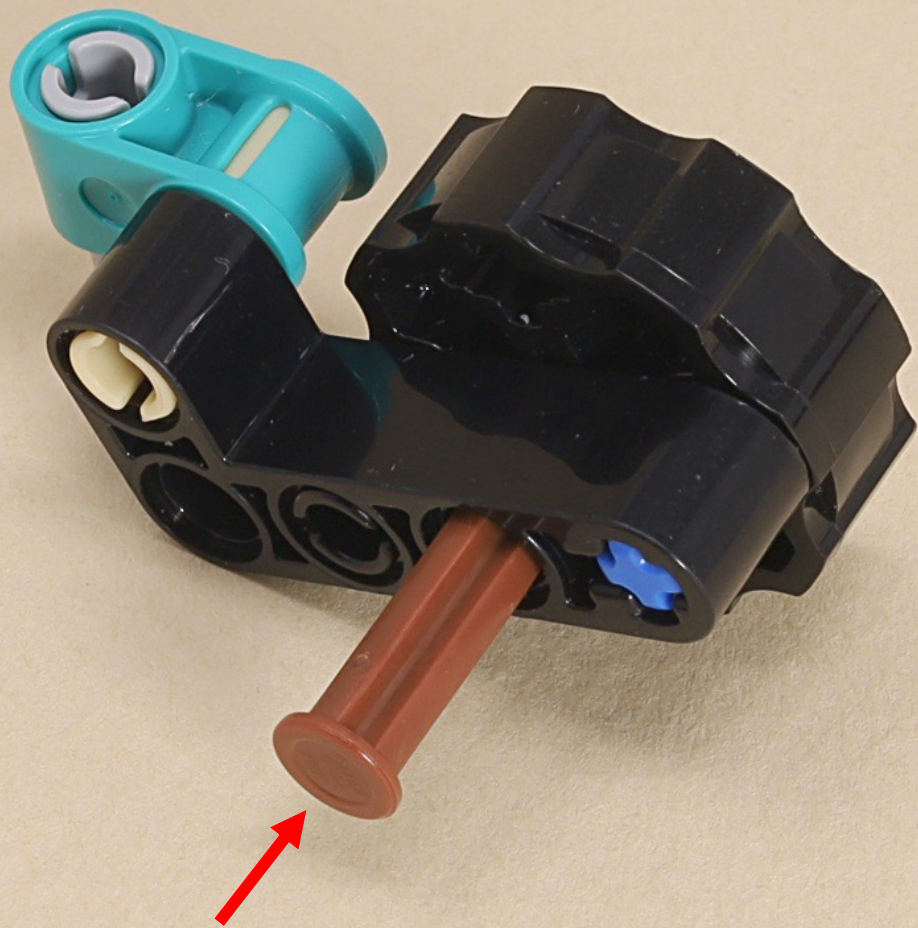


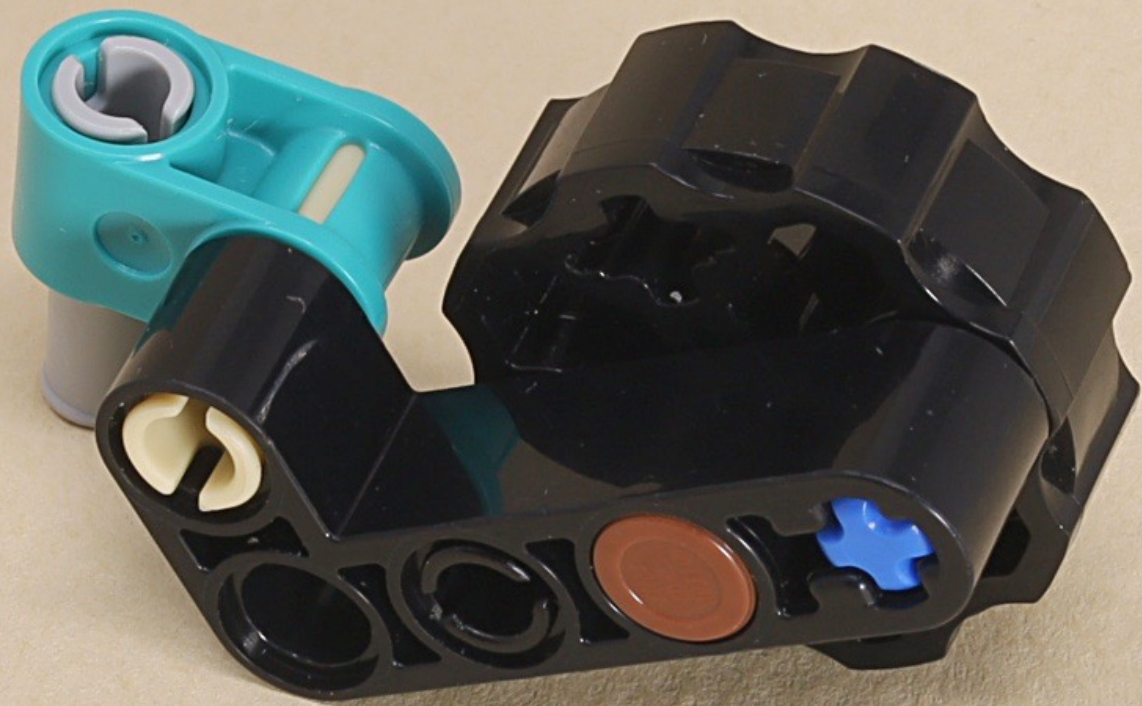
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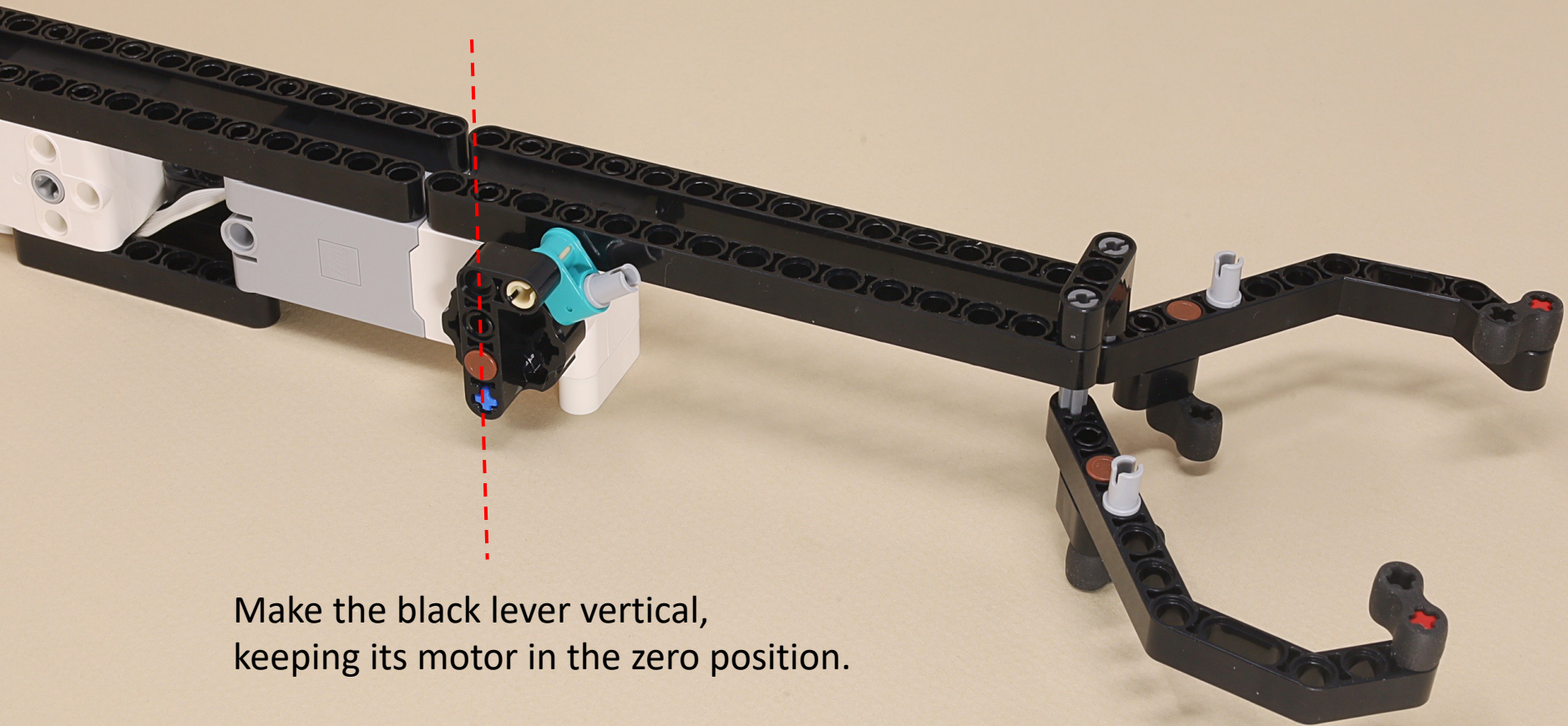




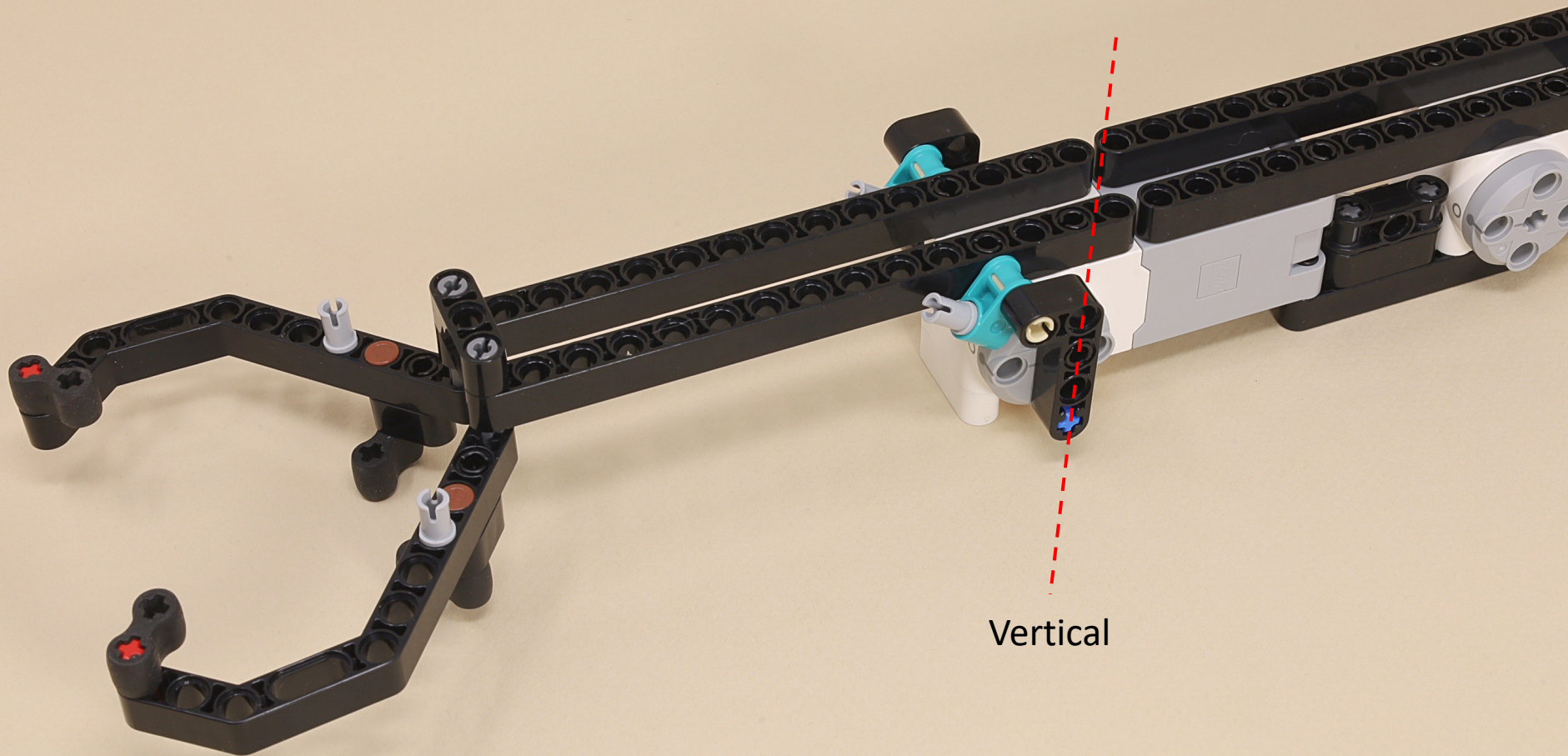








Make the black lever vertical,
keeping its motor in the zero position.



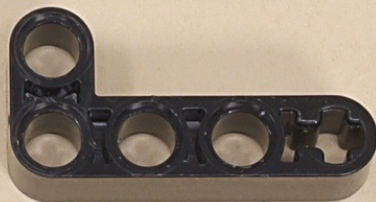
Vertical



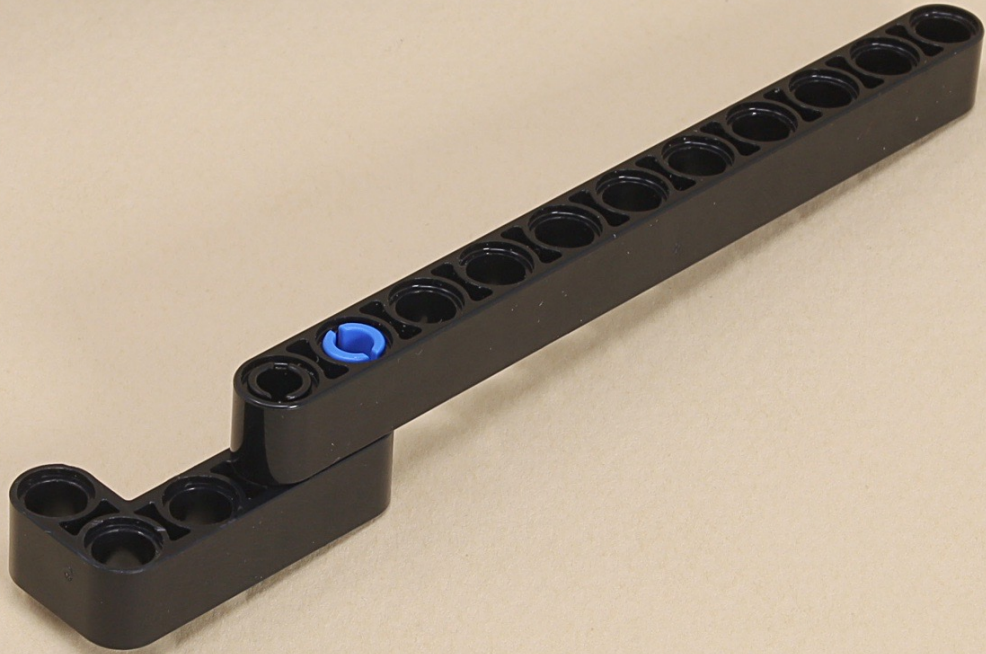
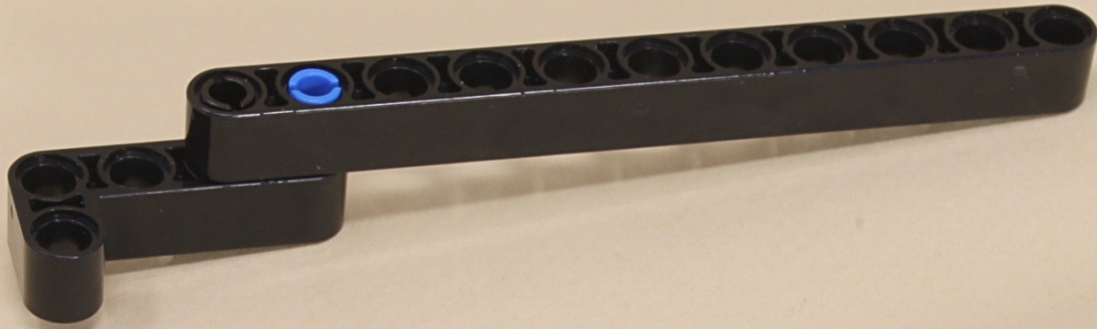
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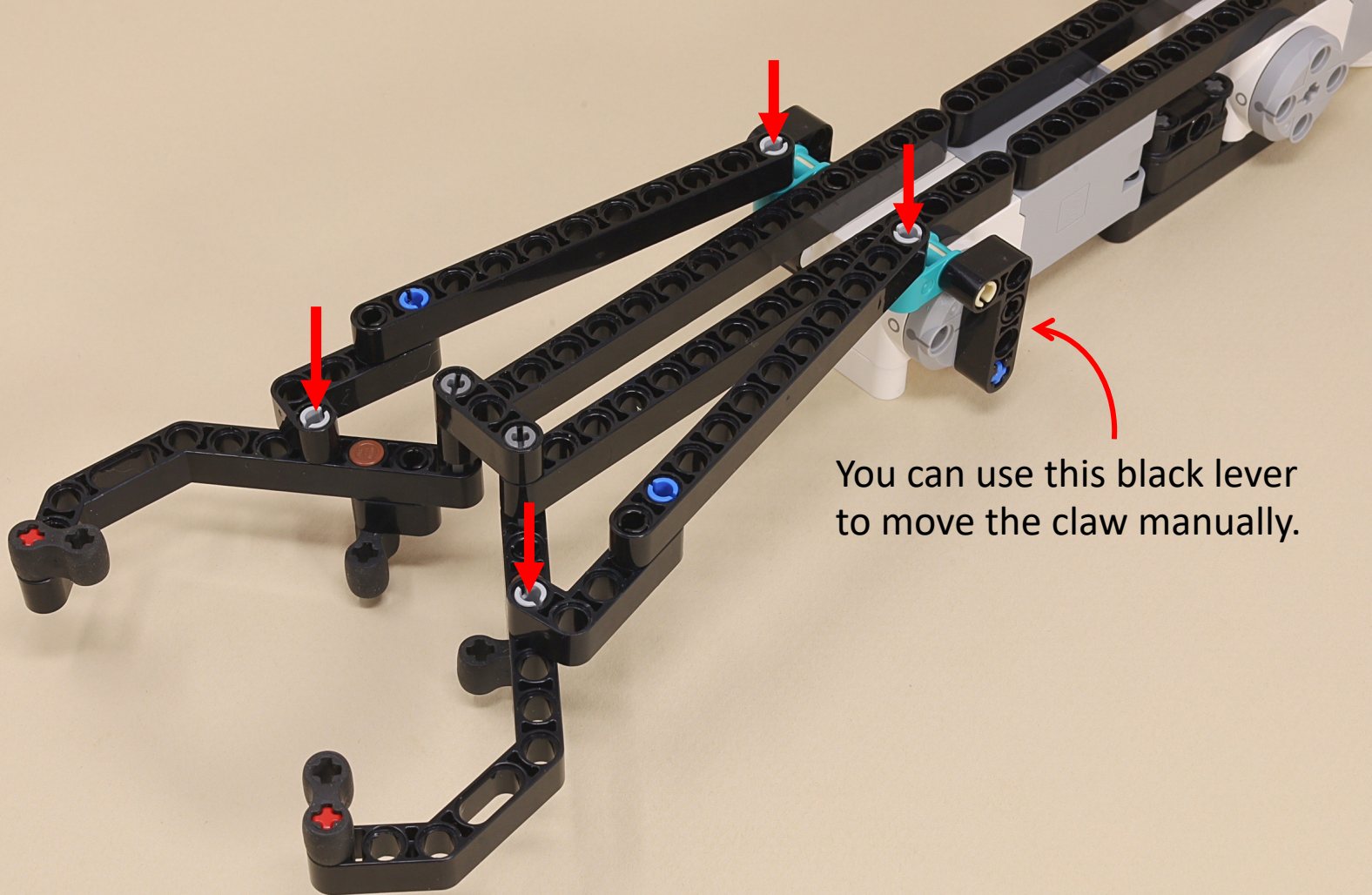


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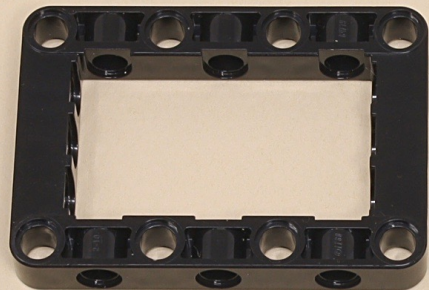
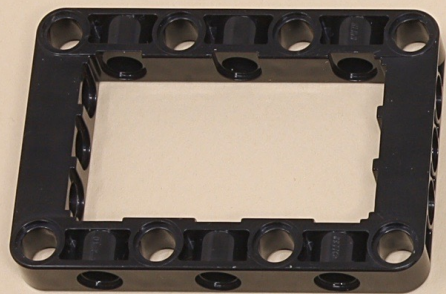








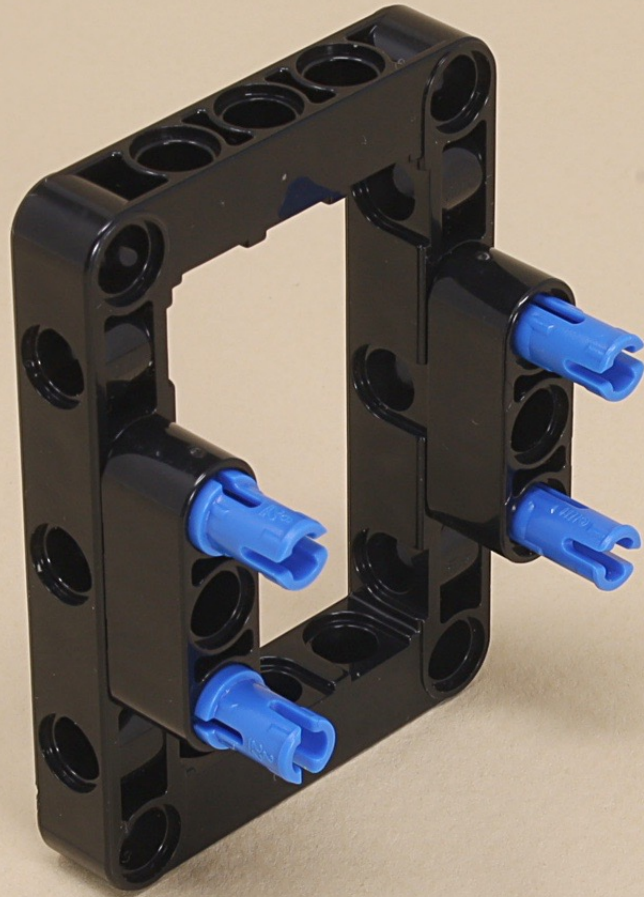
You can use this black lever to move the claw manually.

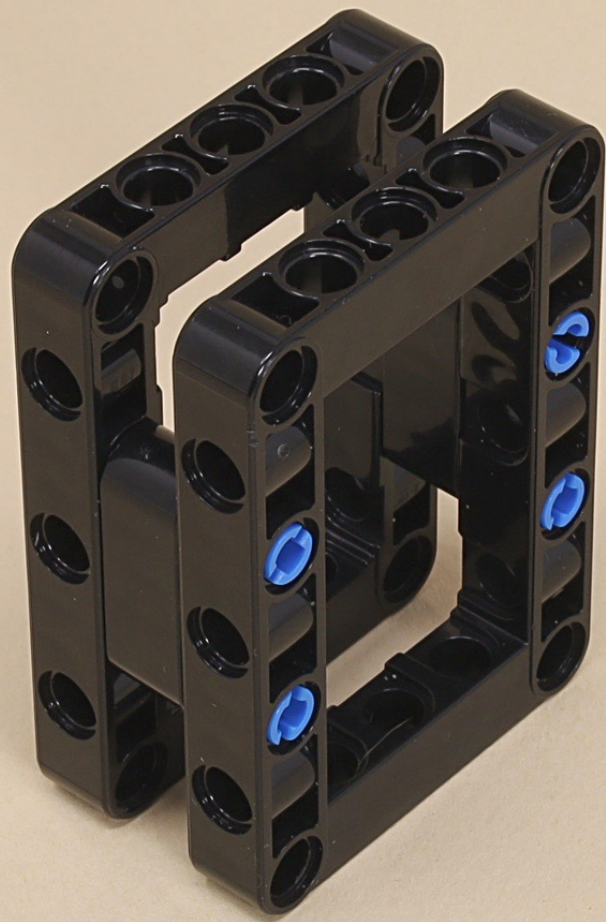


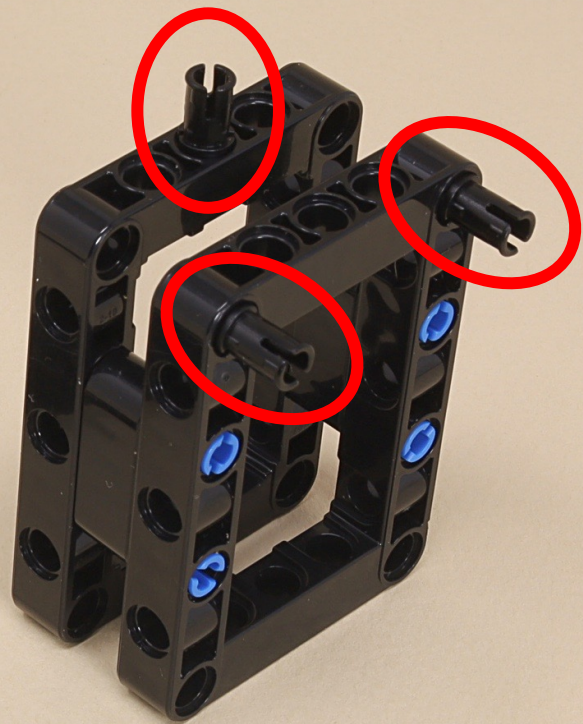
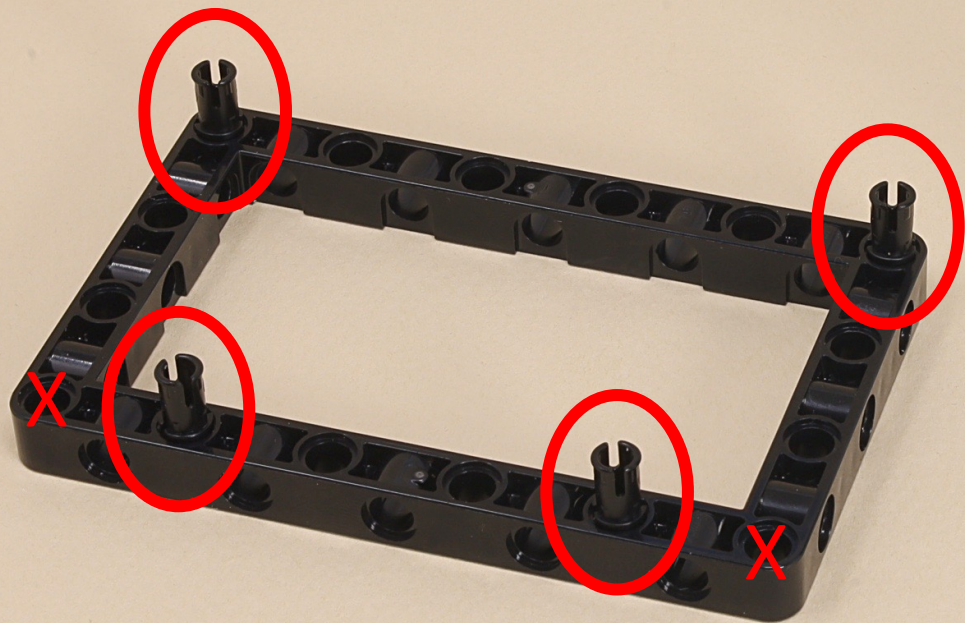
(7 x)

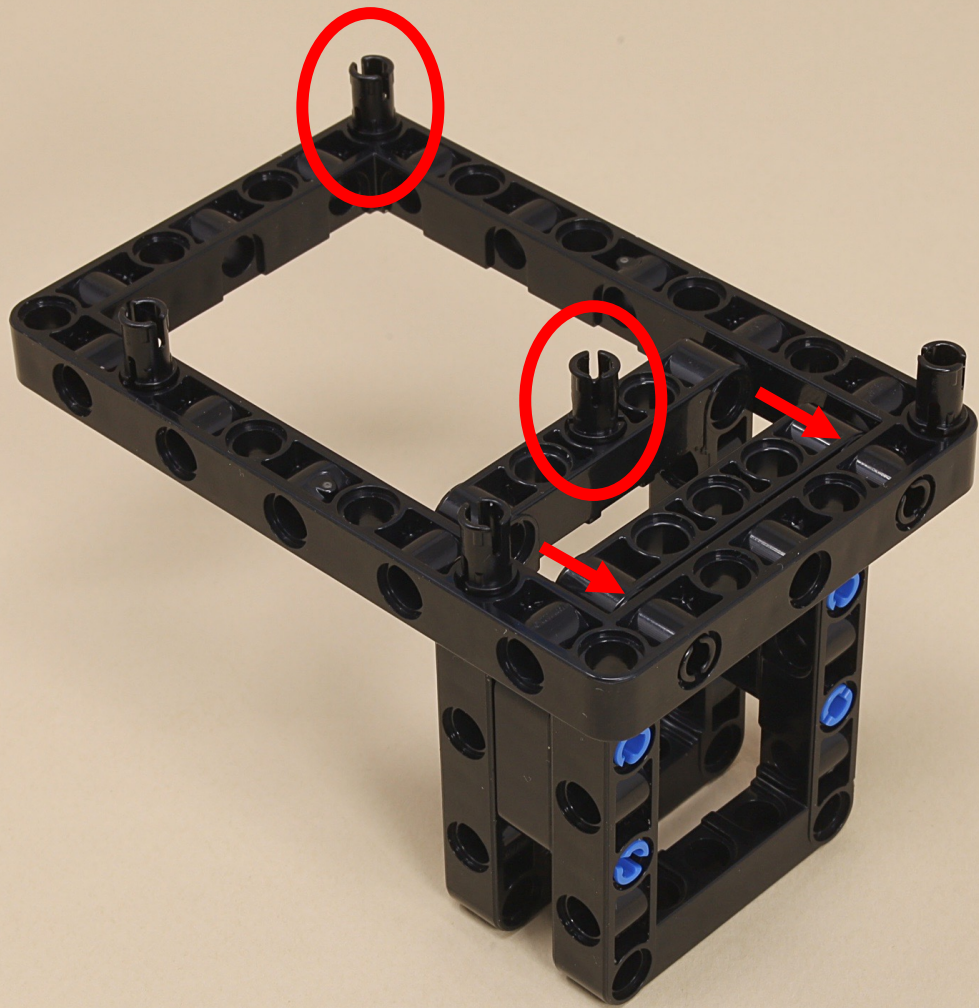








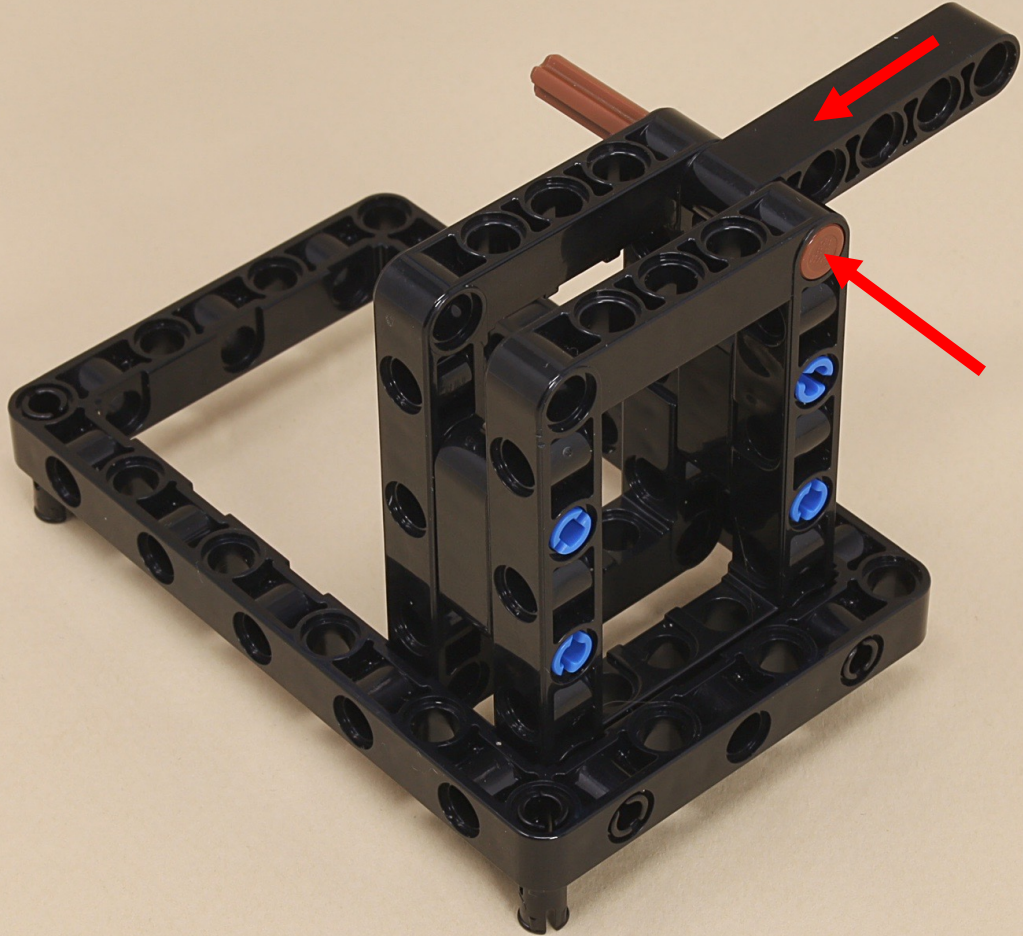


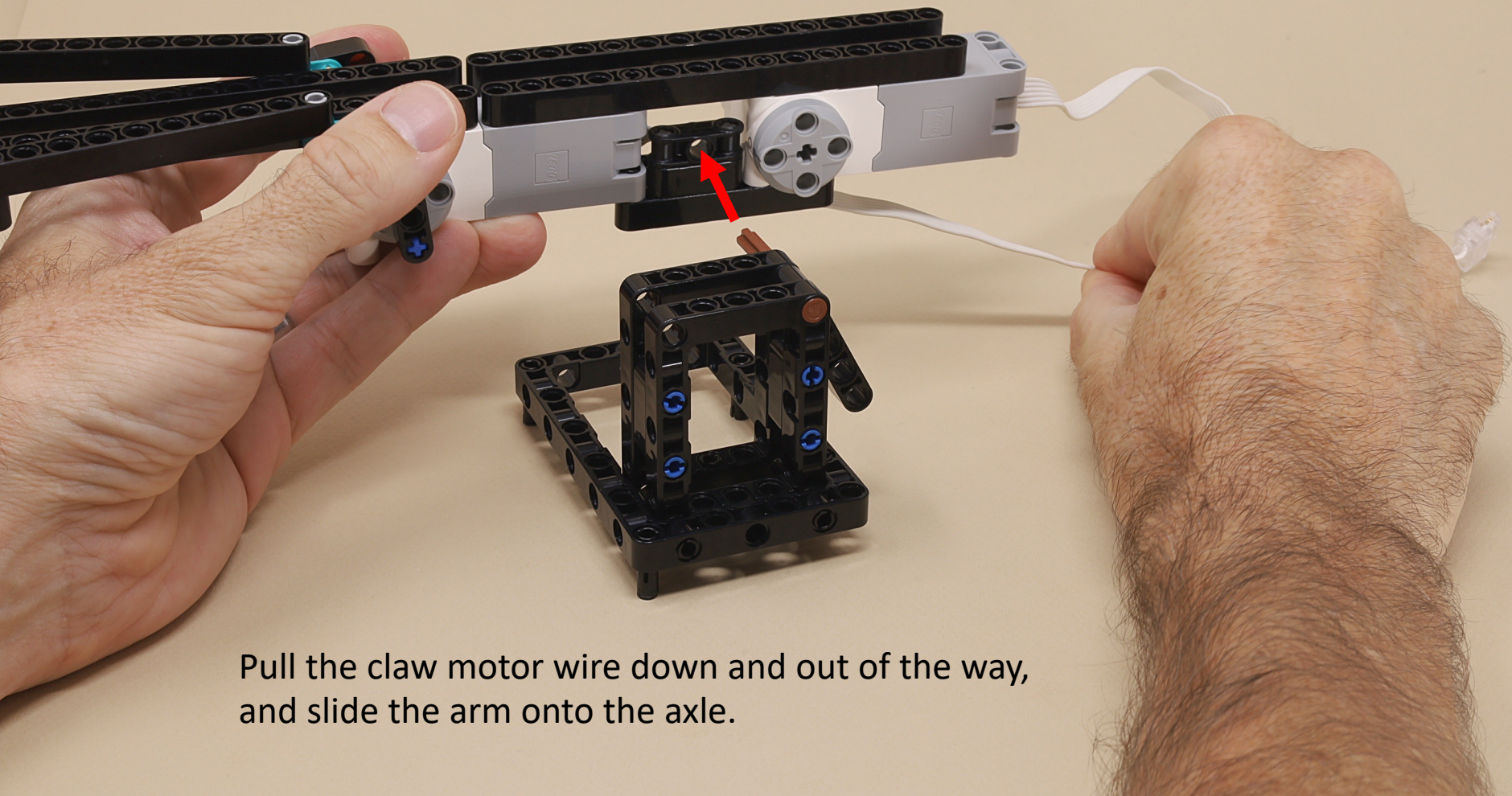




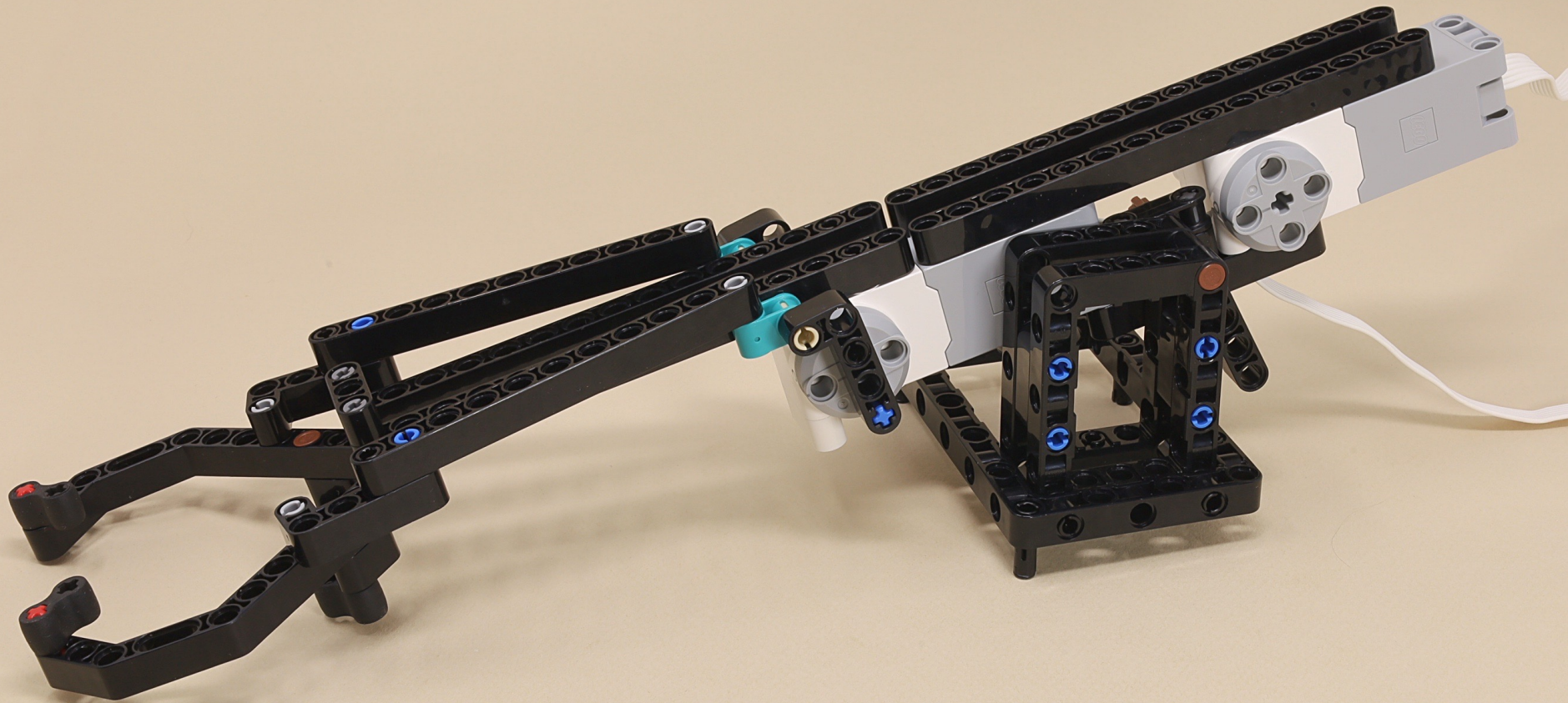
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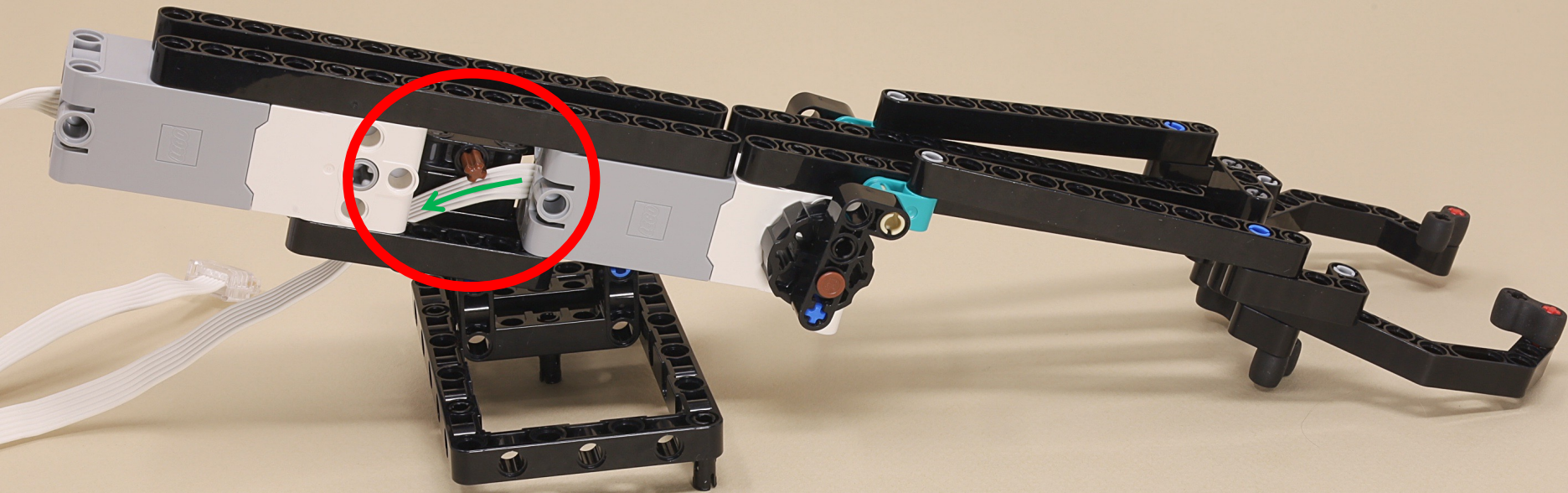




Pull the claw motor wire down and out of the way, and slide the arm onto the axle.



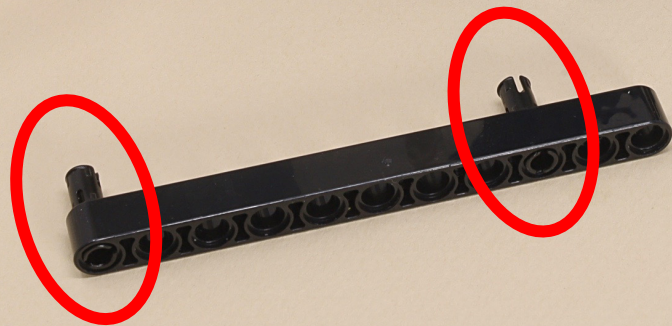
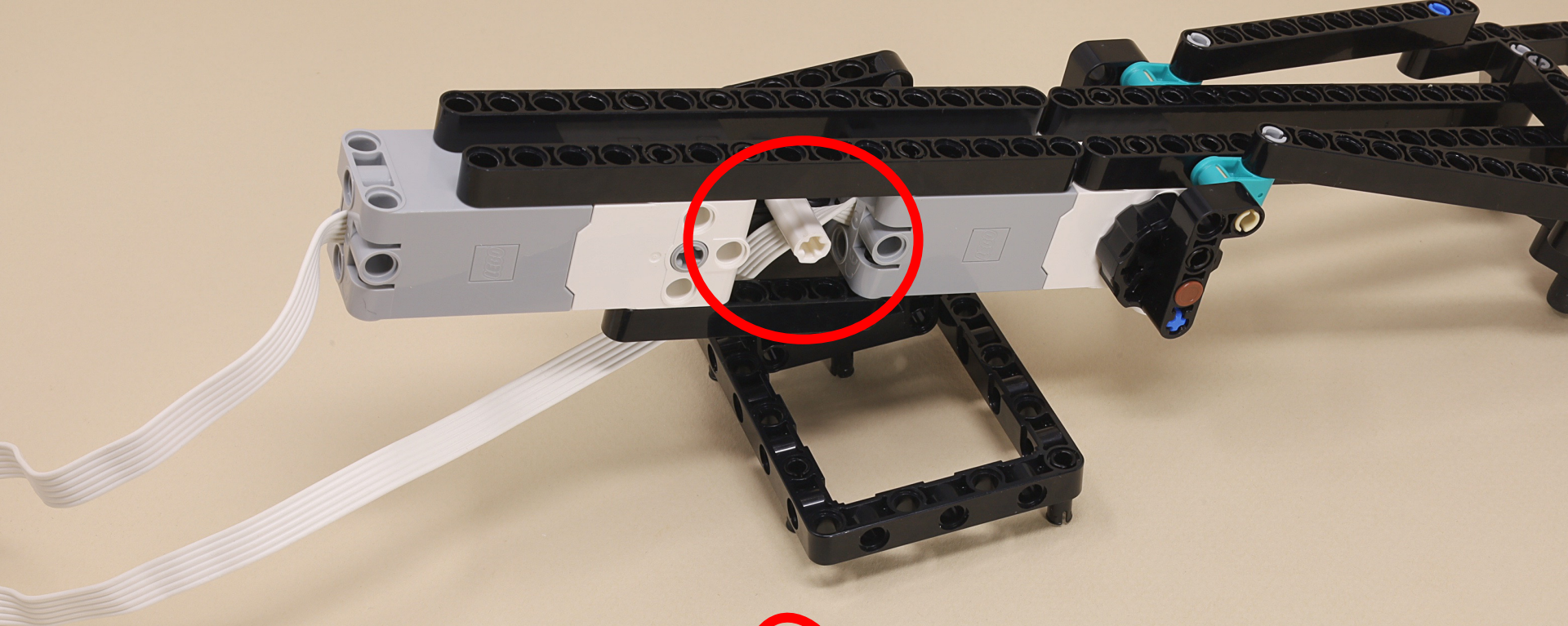
Make sure the axle went over the top of the wire.

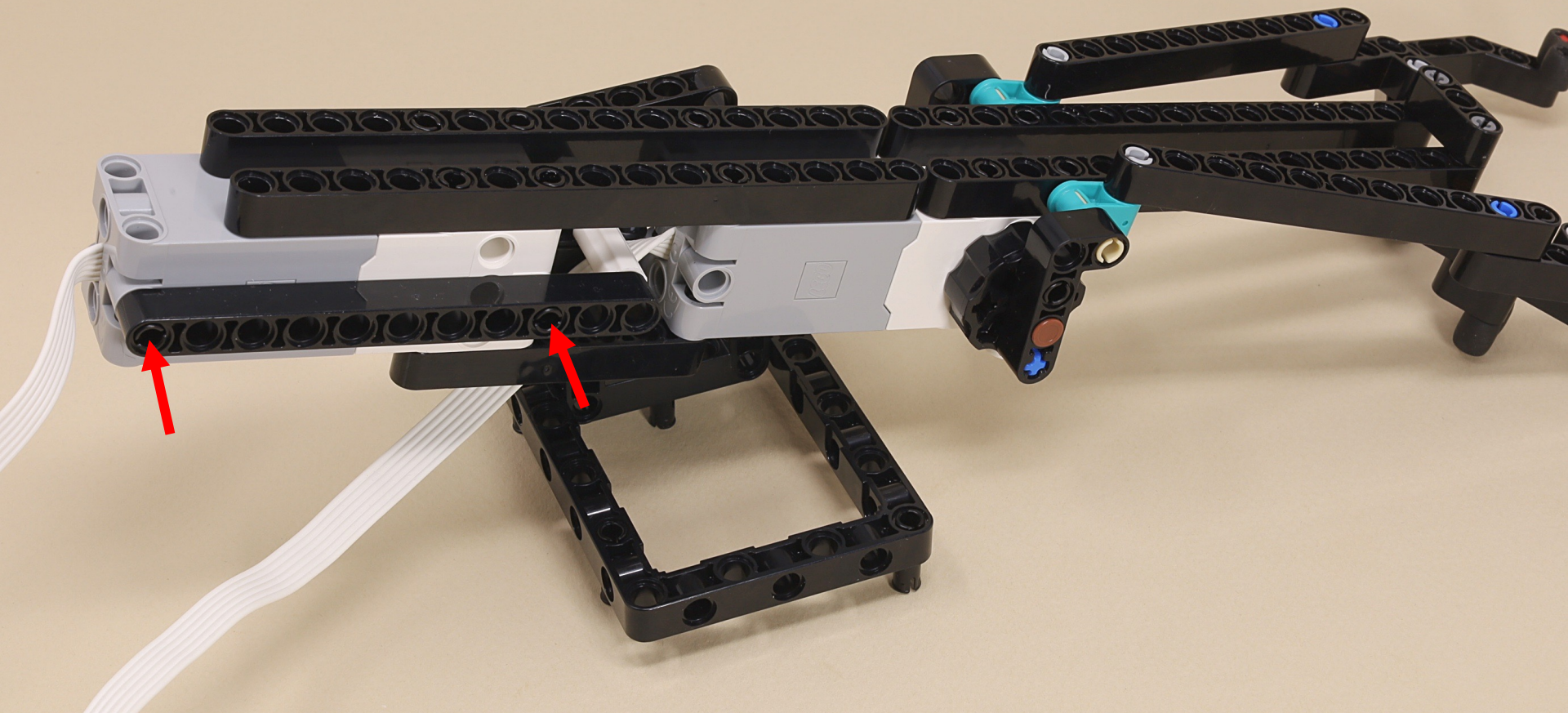


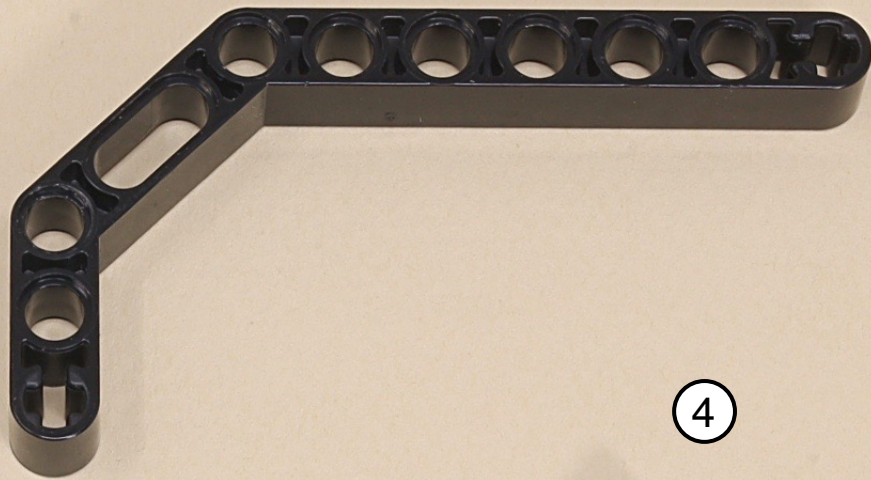


11



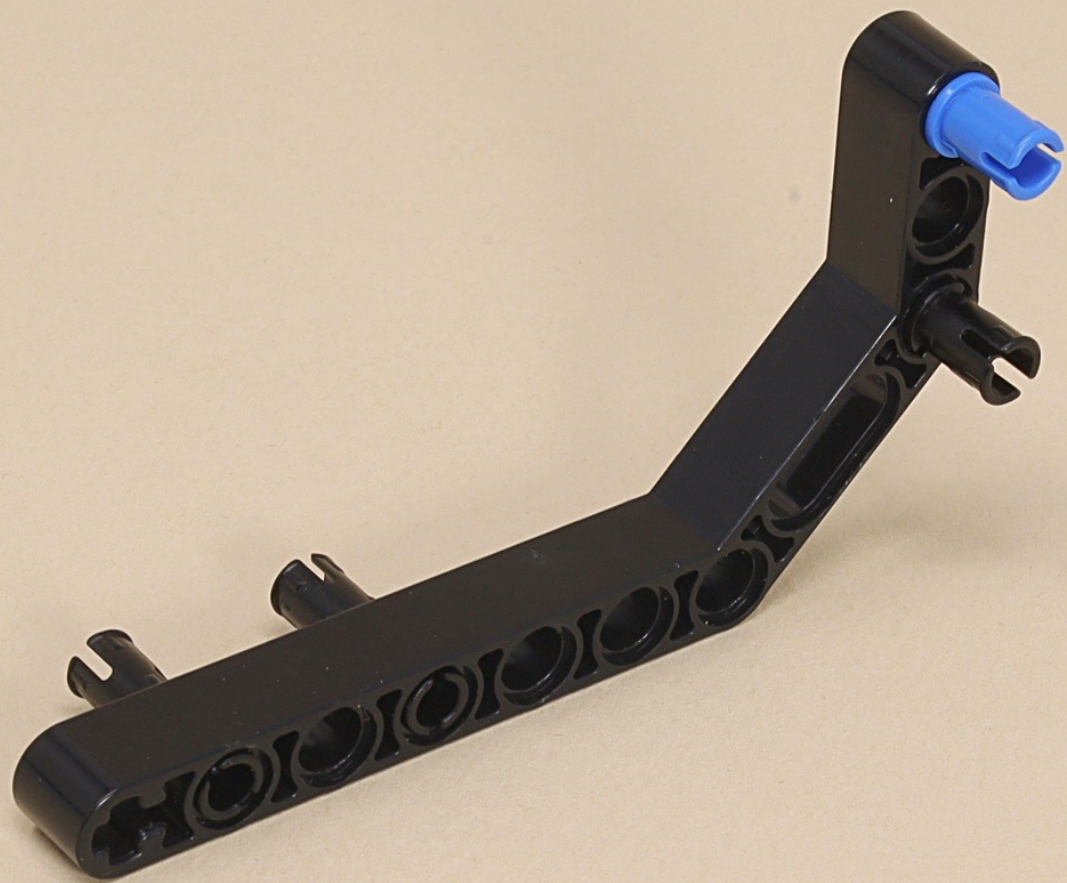


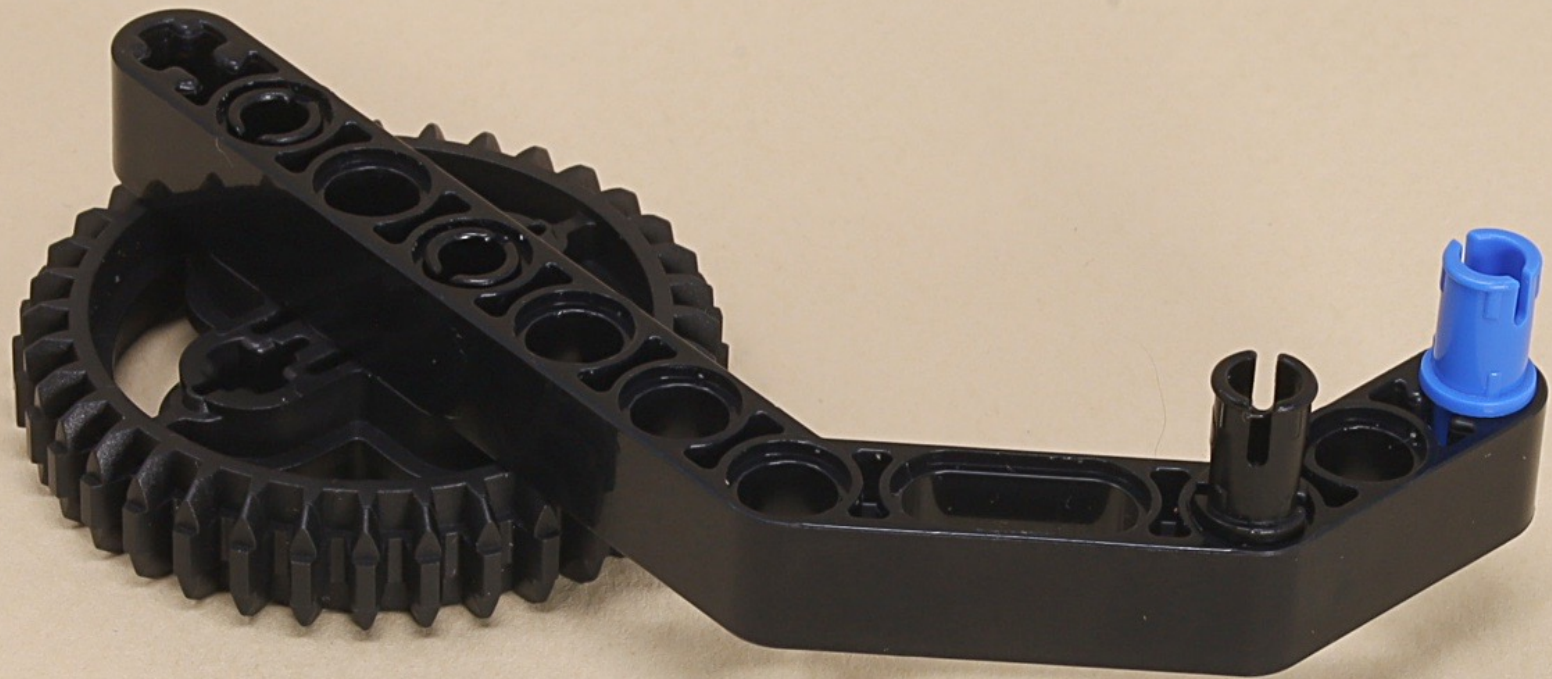


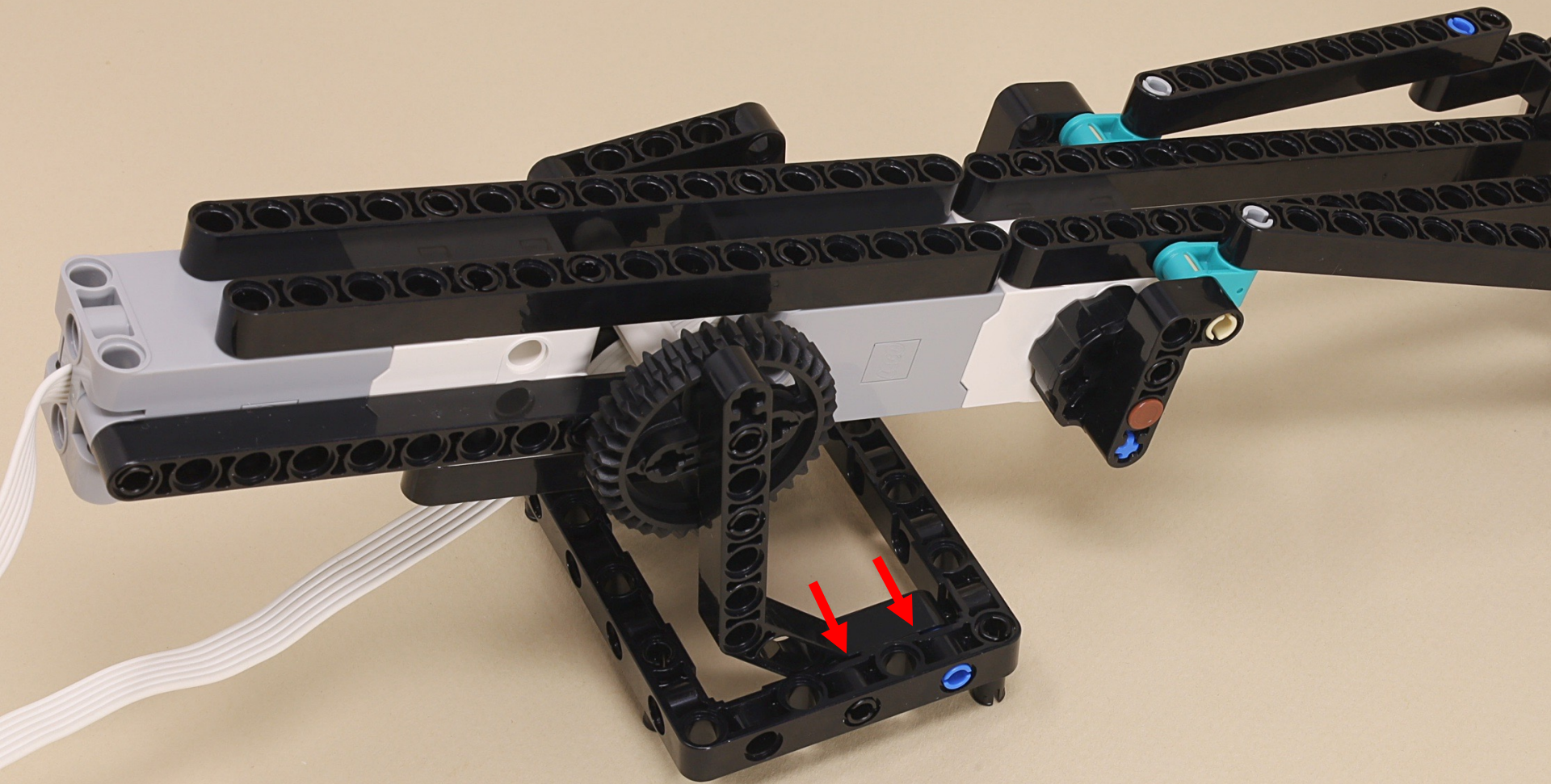


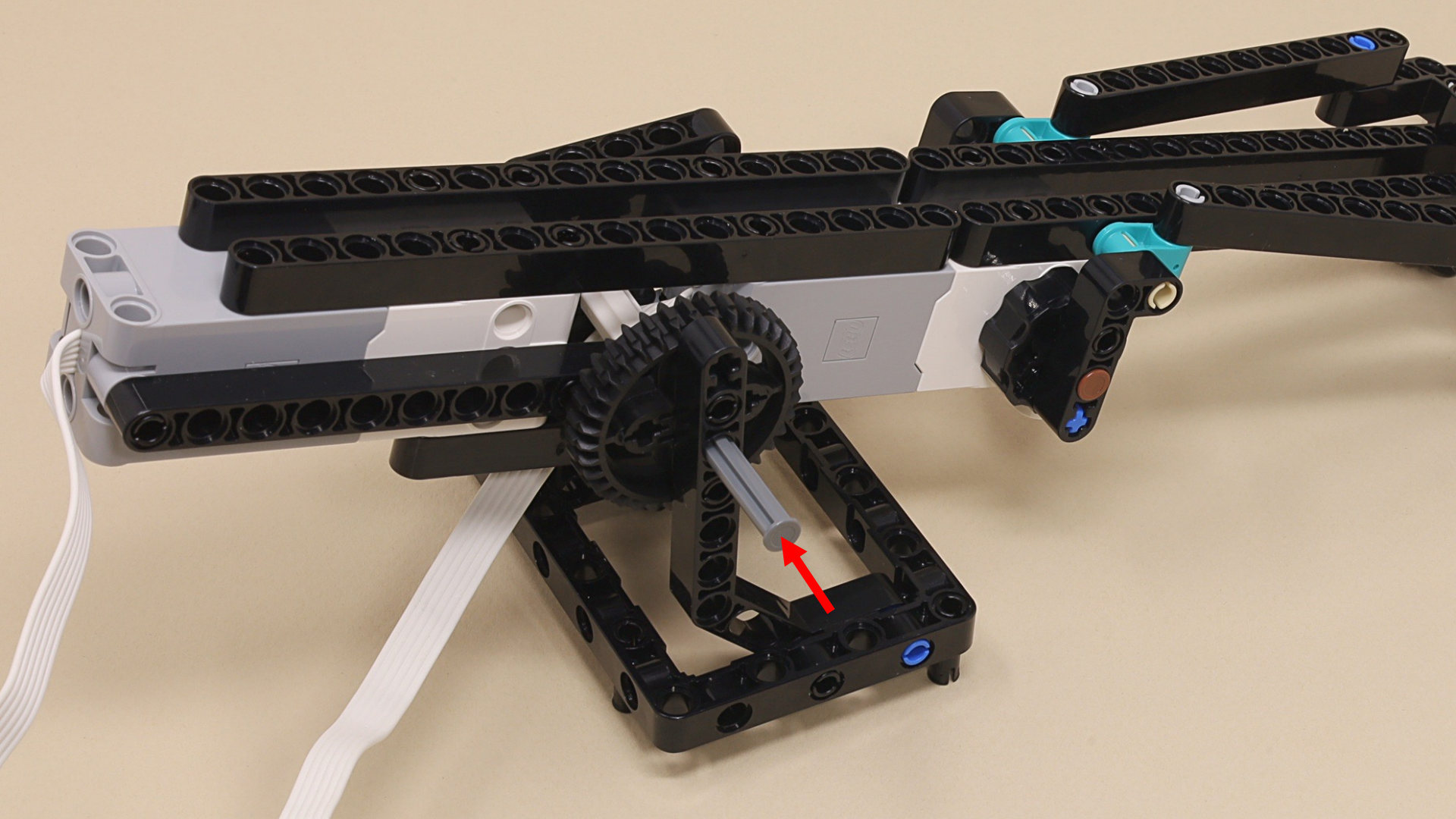
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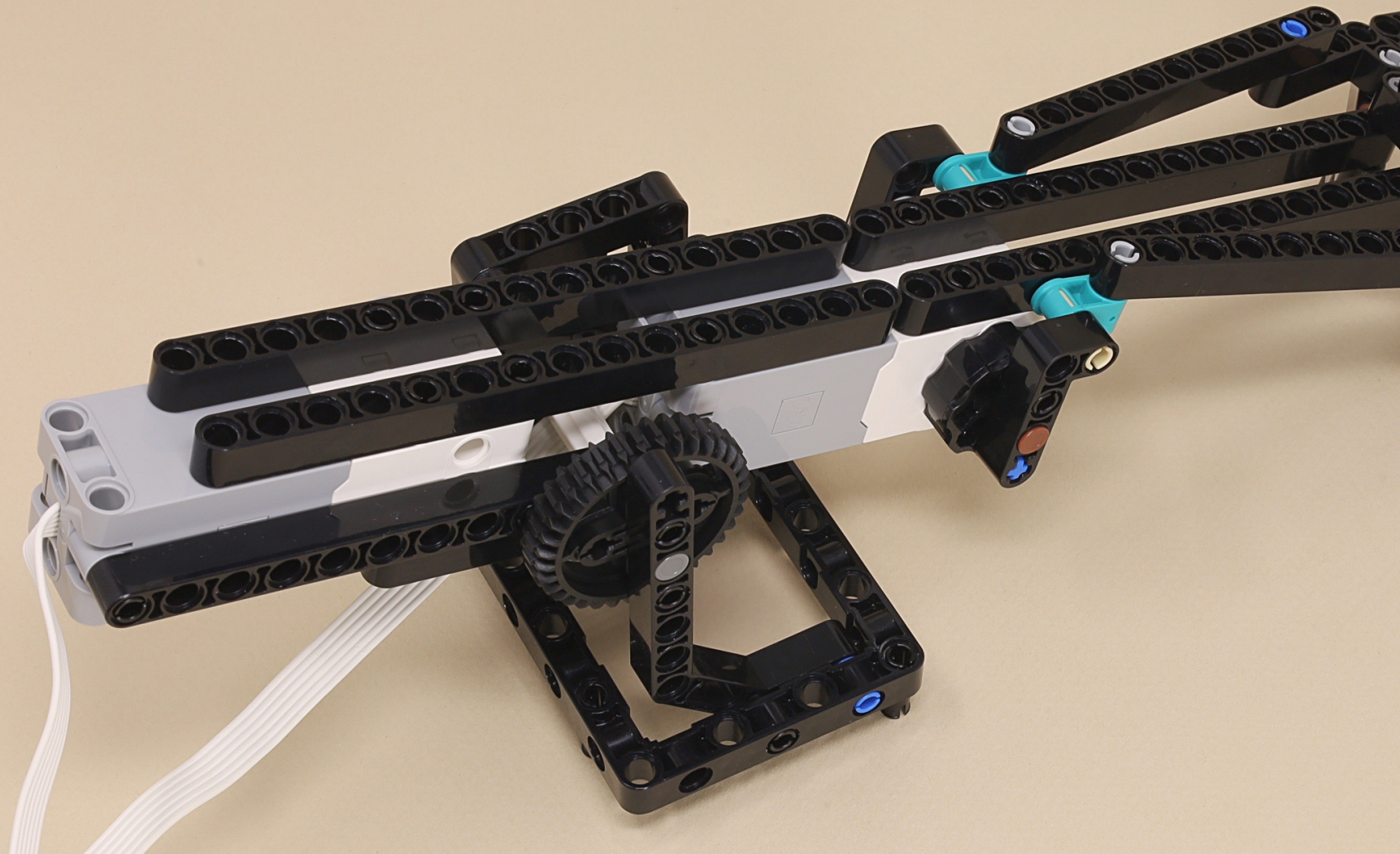












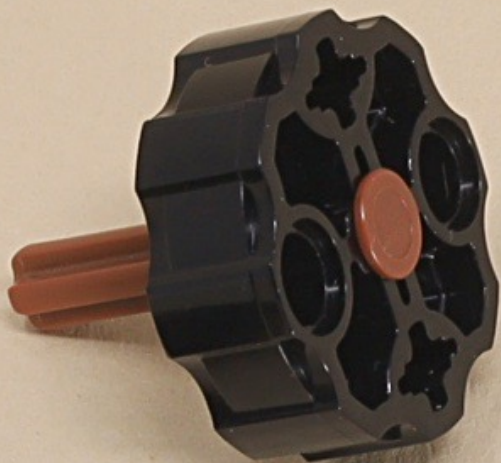


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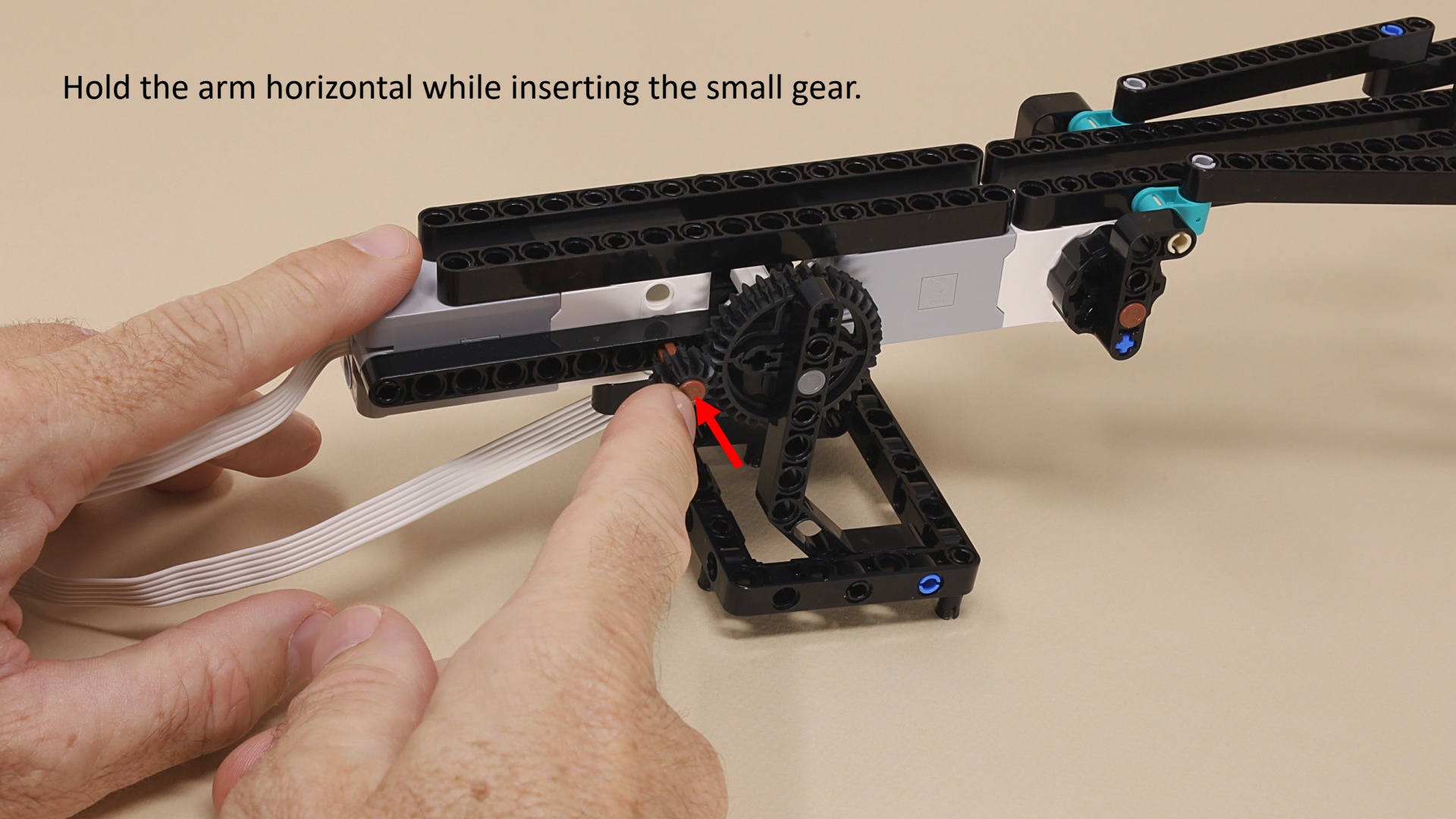


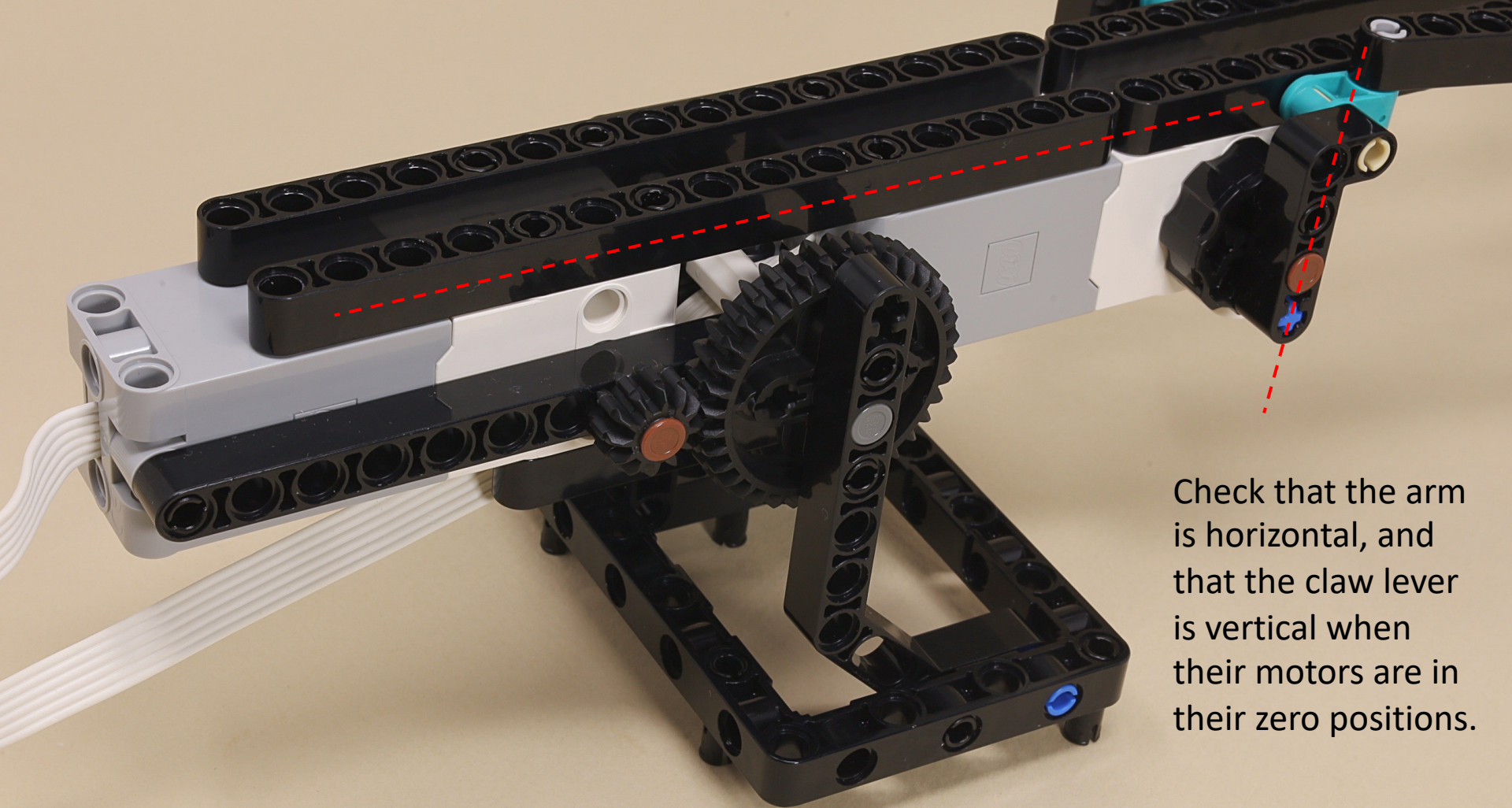
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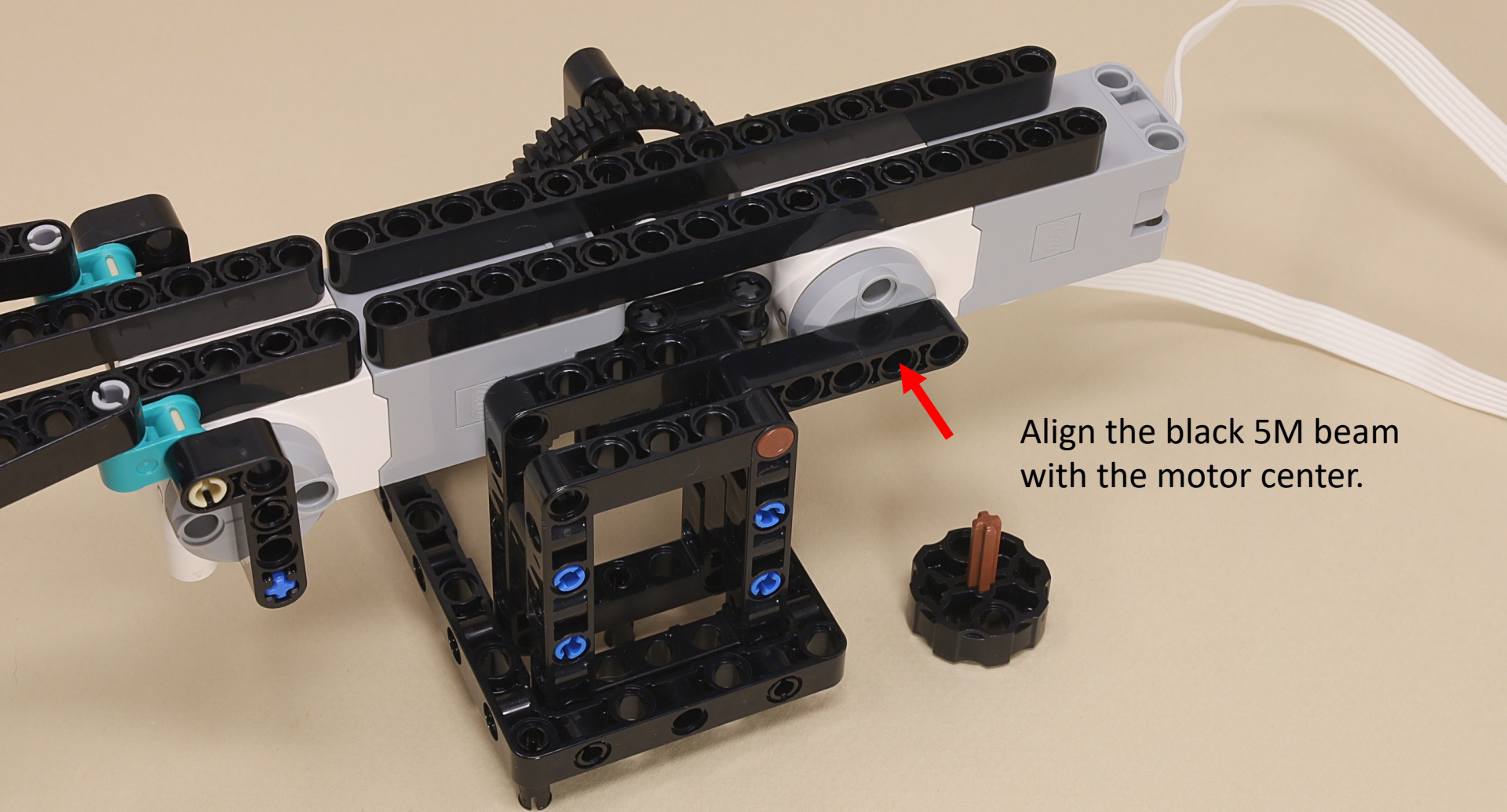


Hold the arm horizontal while inserting the small gear.

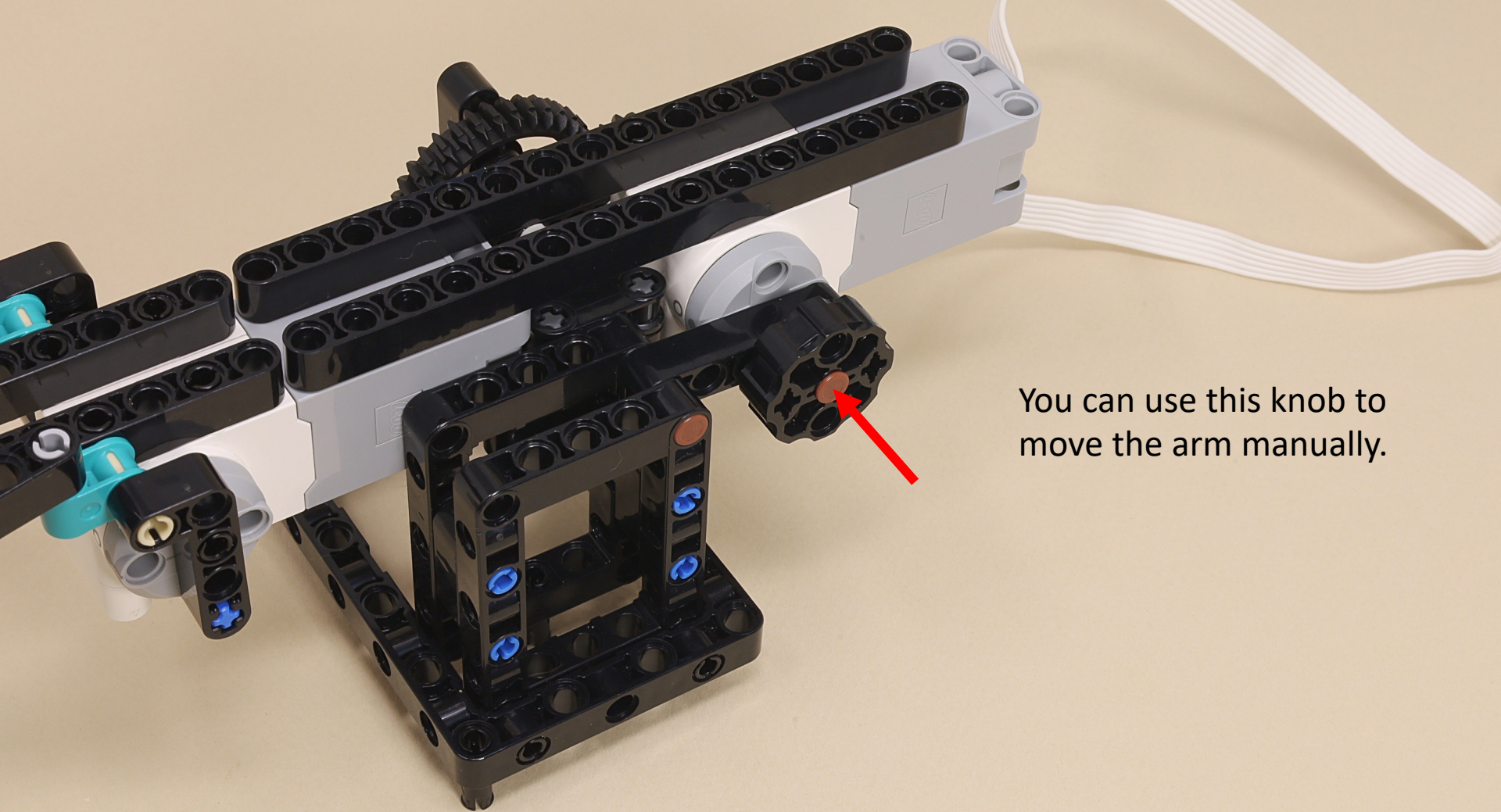




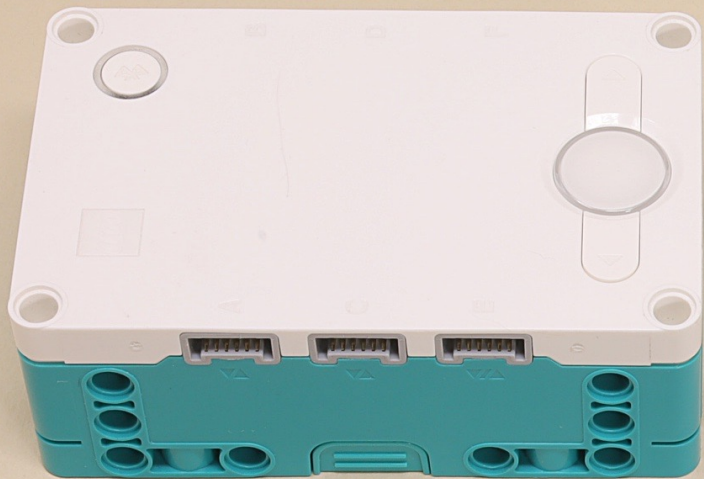
Check that the arm is horizontal, and that the claw lever is vertical when their motors are in their zero positions.

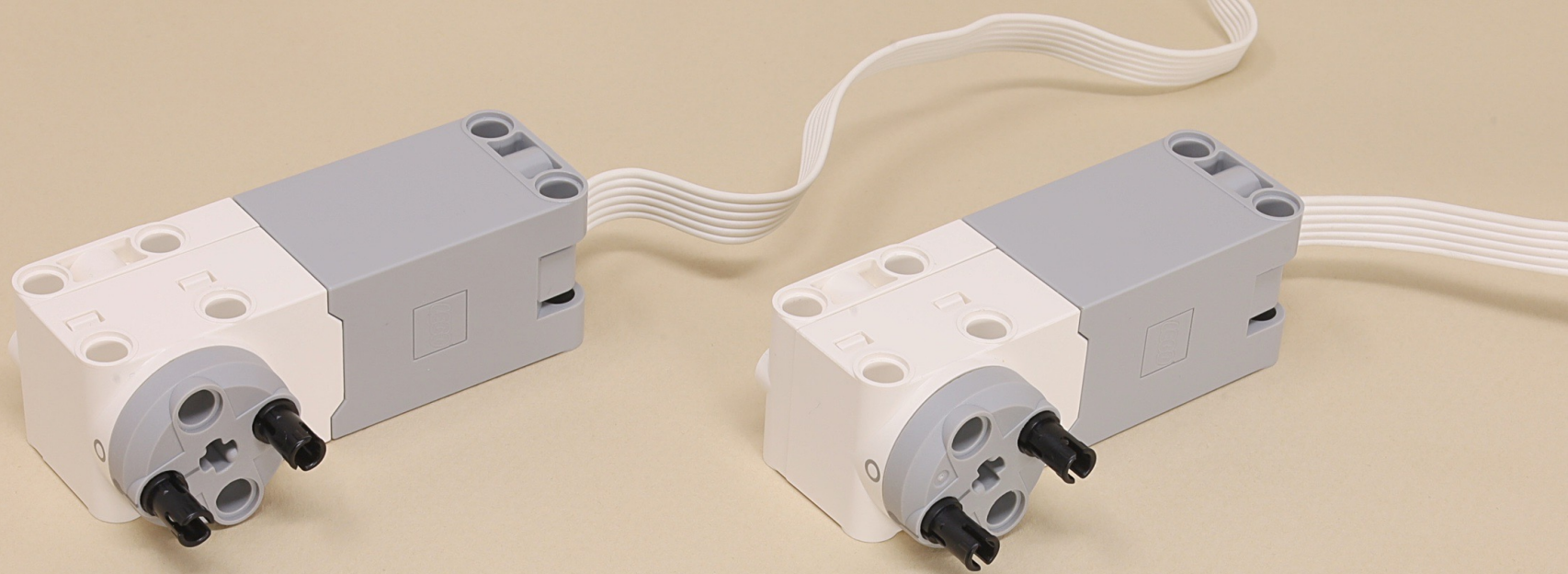


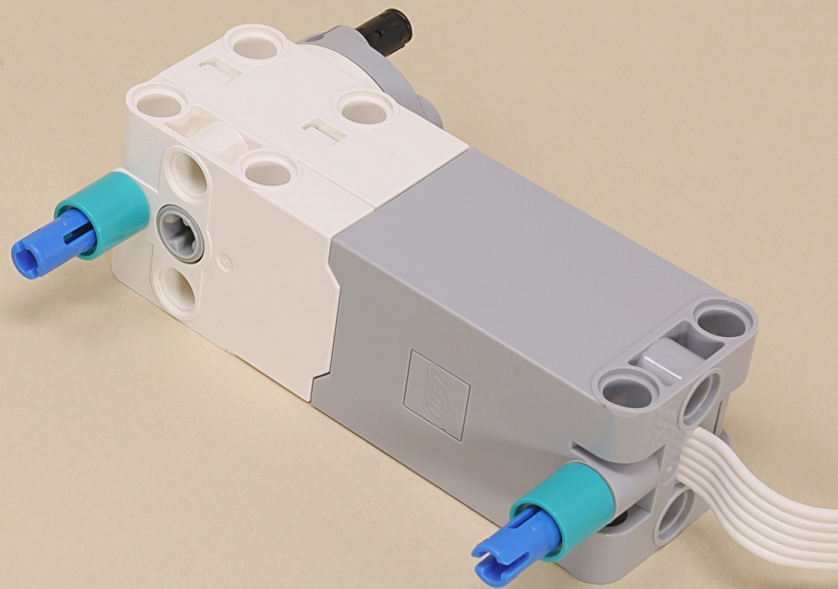
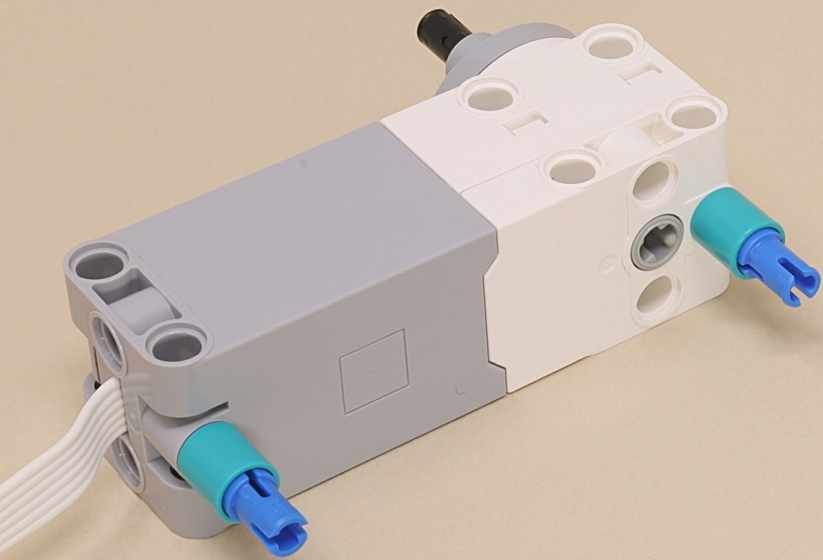
Align the black 5M beam with the motor center.



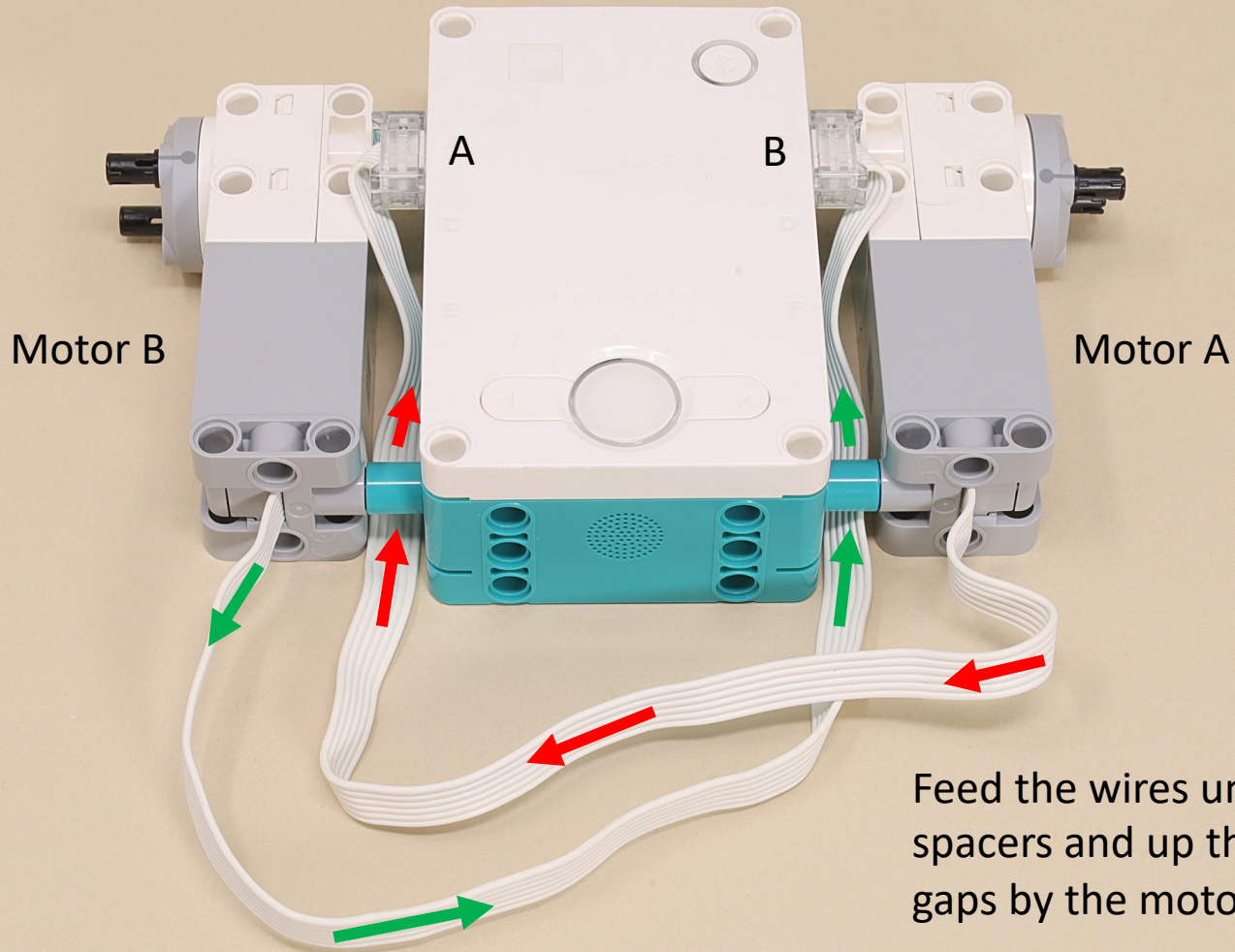
You can use this knob to move the arm manually.









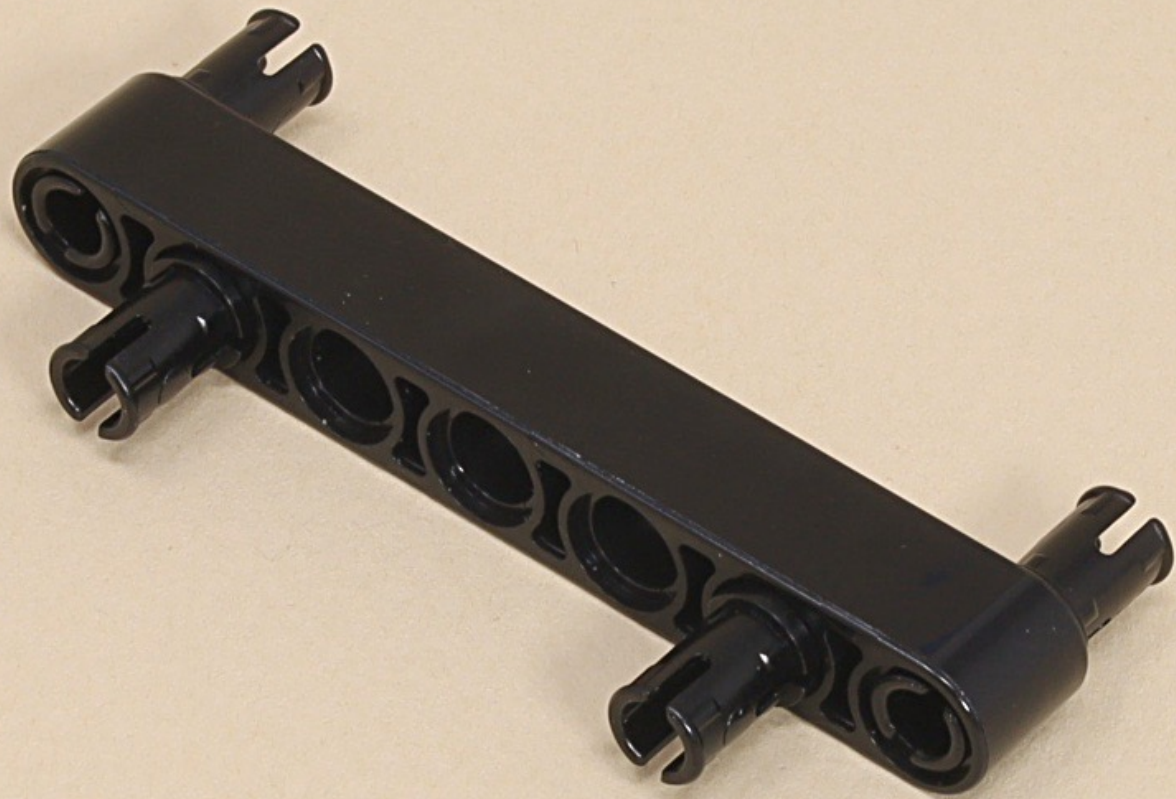


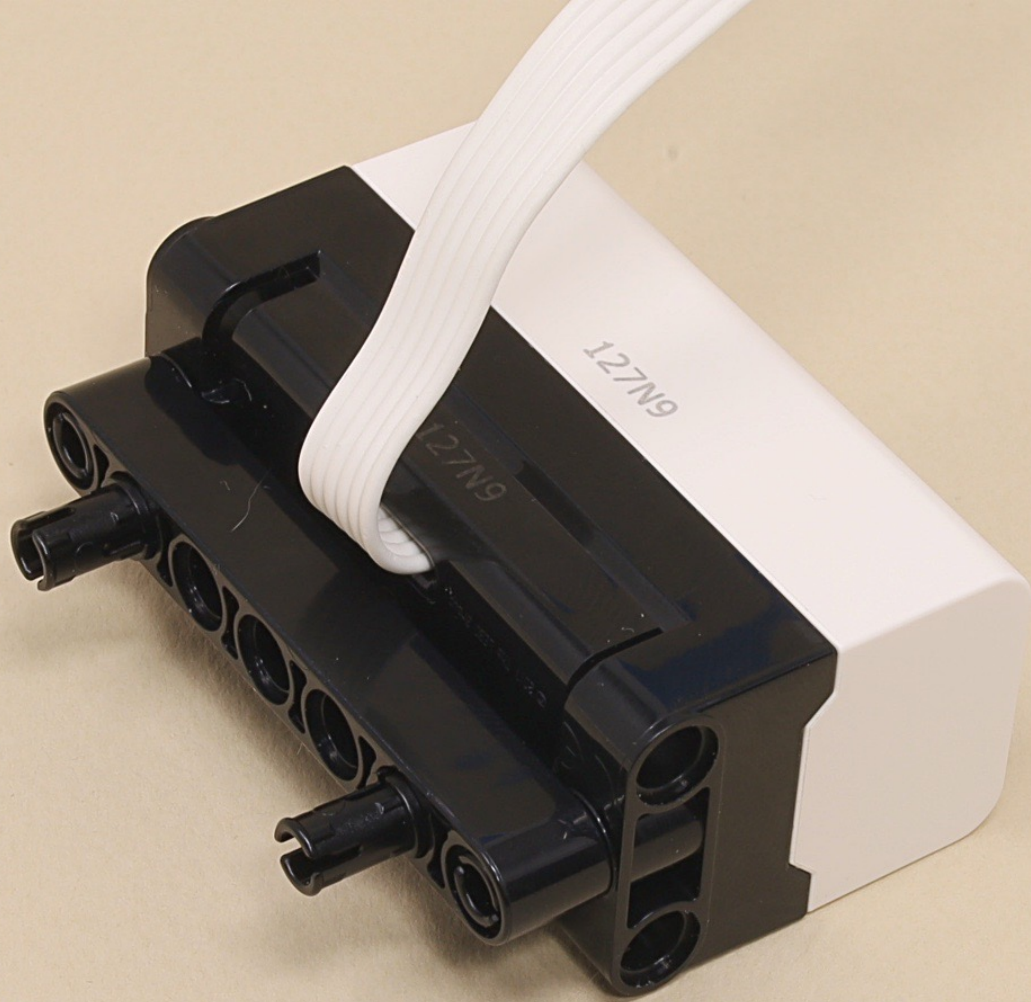
Feed the wires under these spacers and up through the gaps by the motor ports.

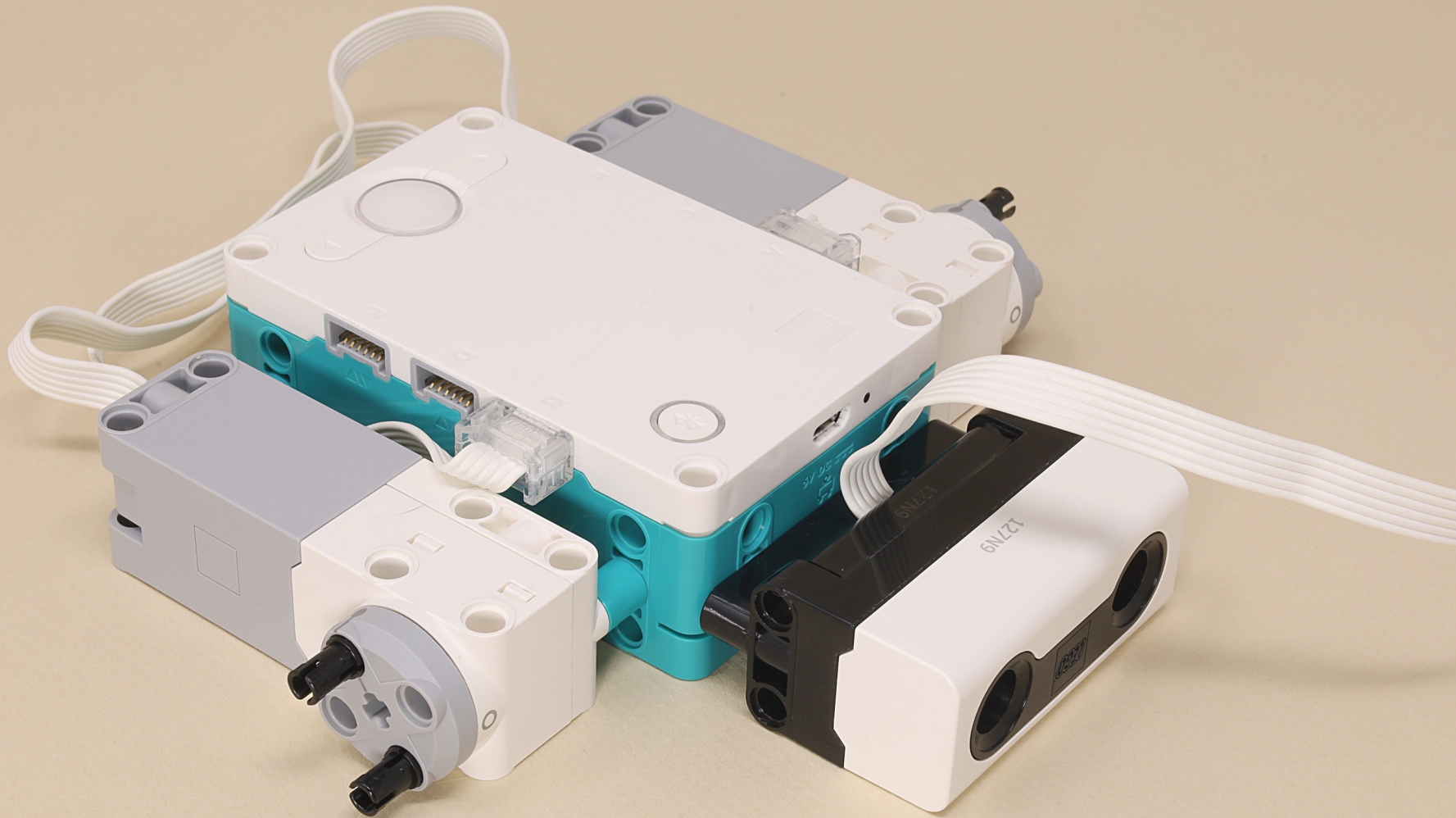


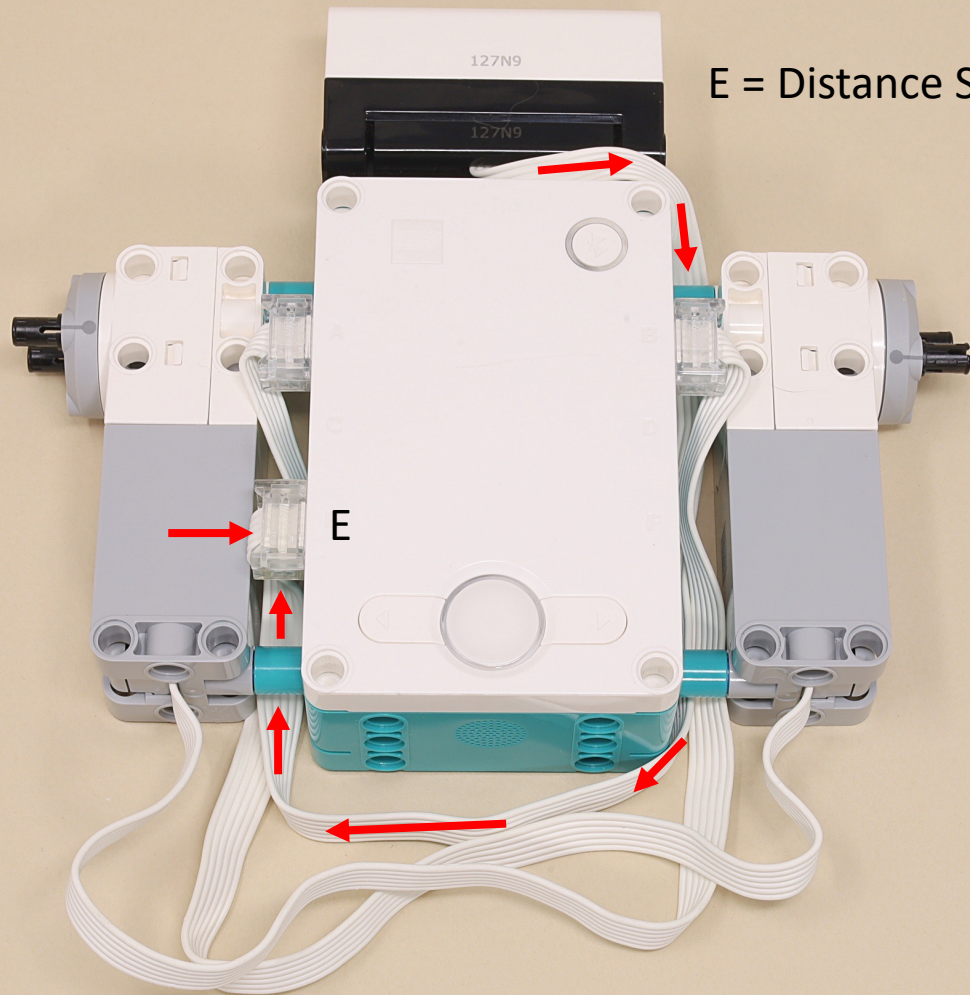
7









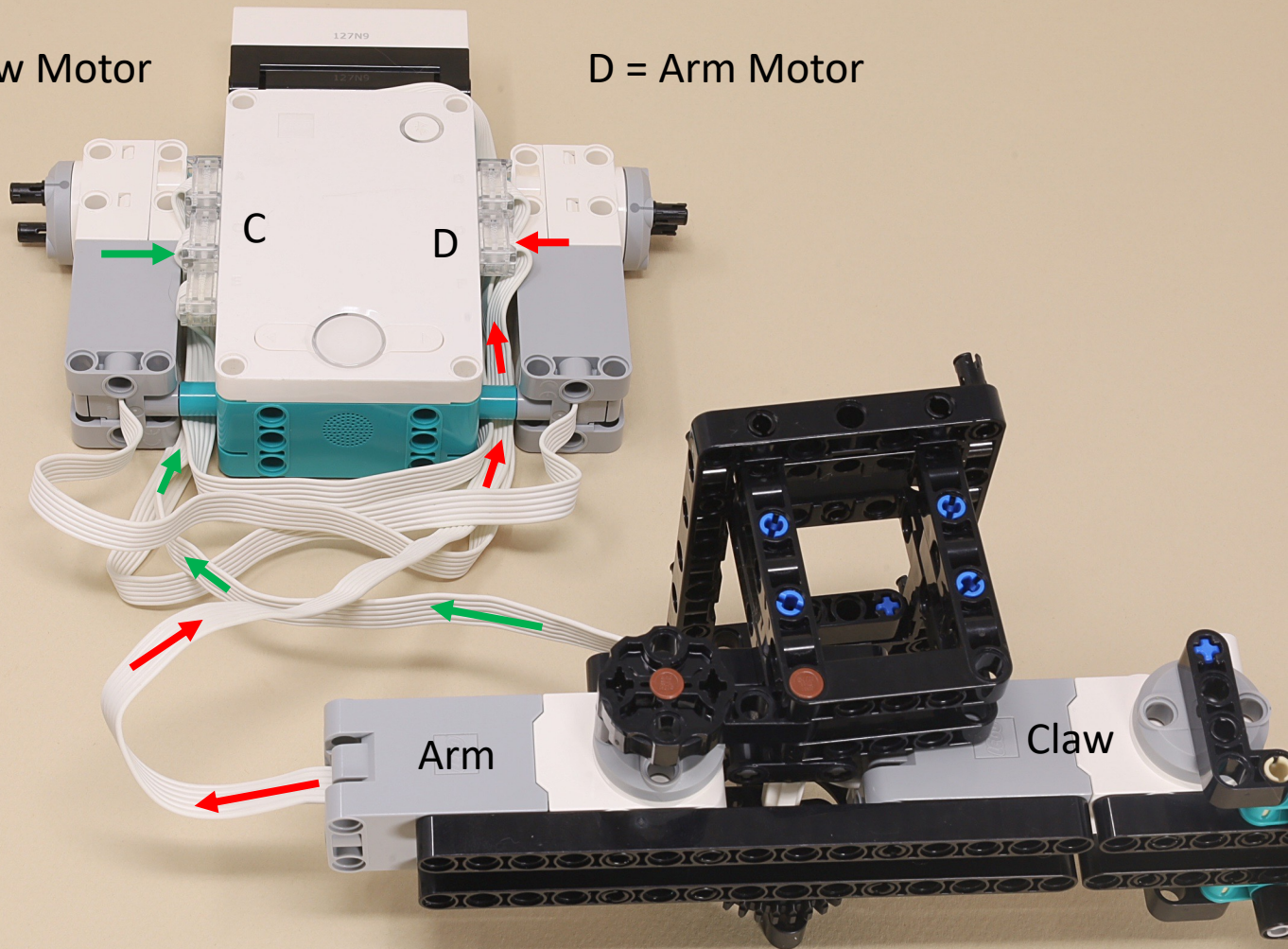


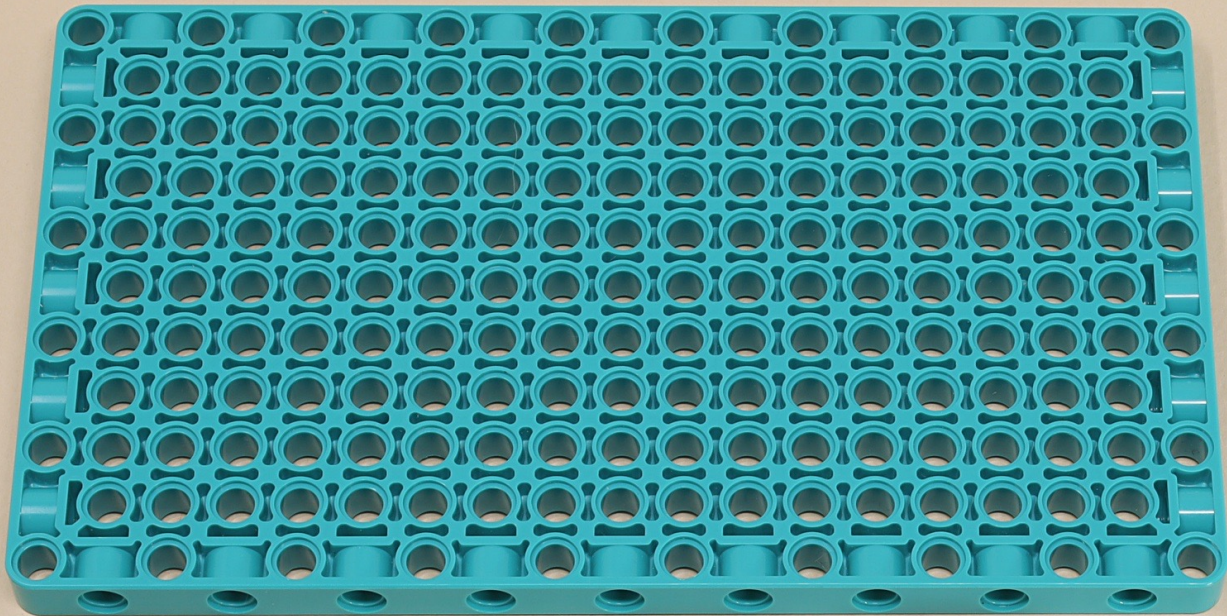
E = Distance Sensor

E

C = Claw Motor

D = Arm Motor

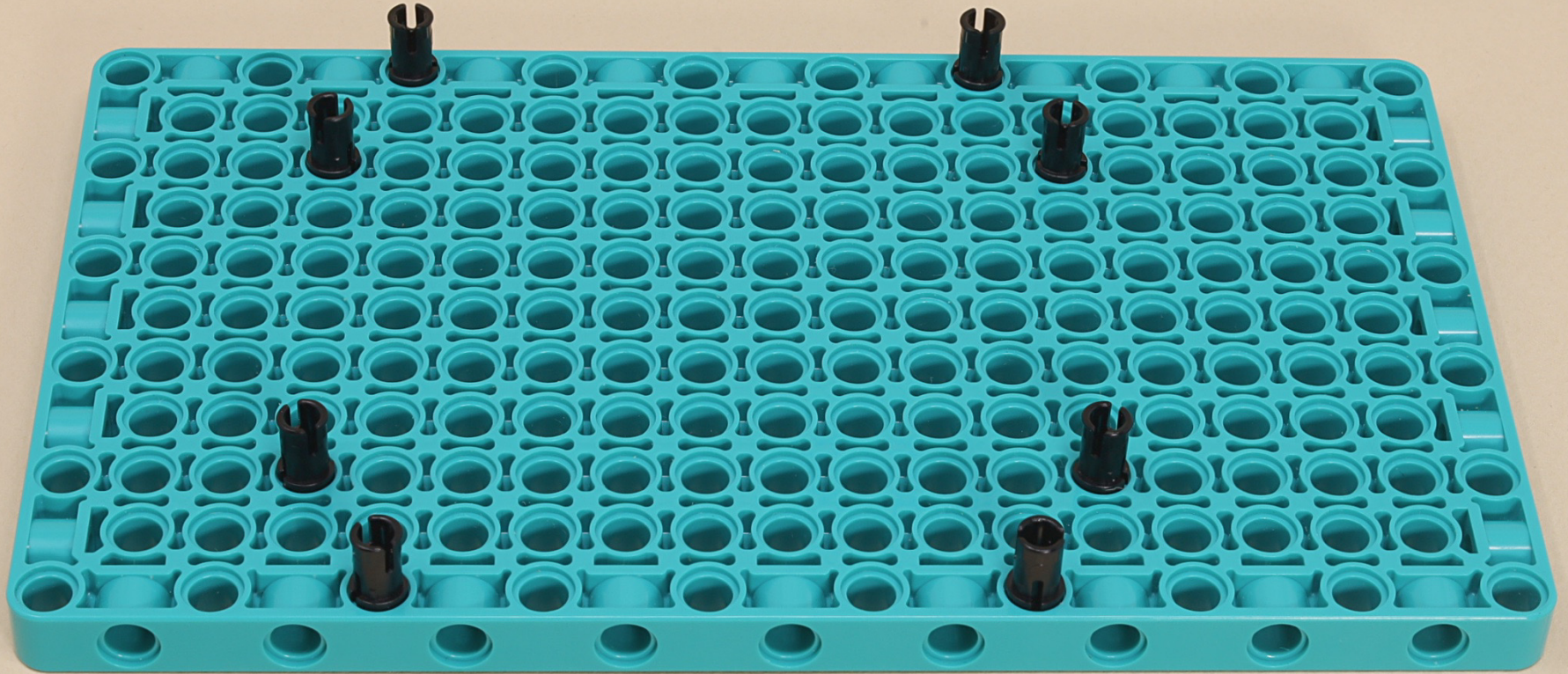




(8 x)

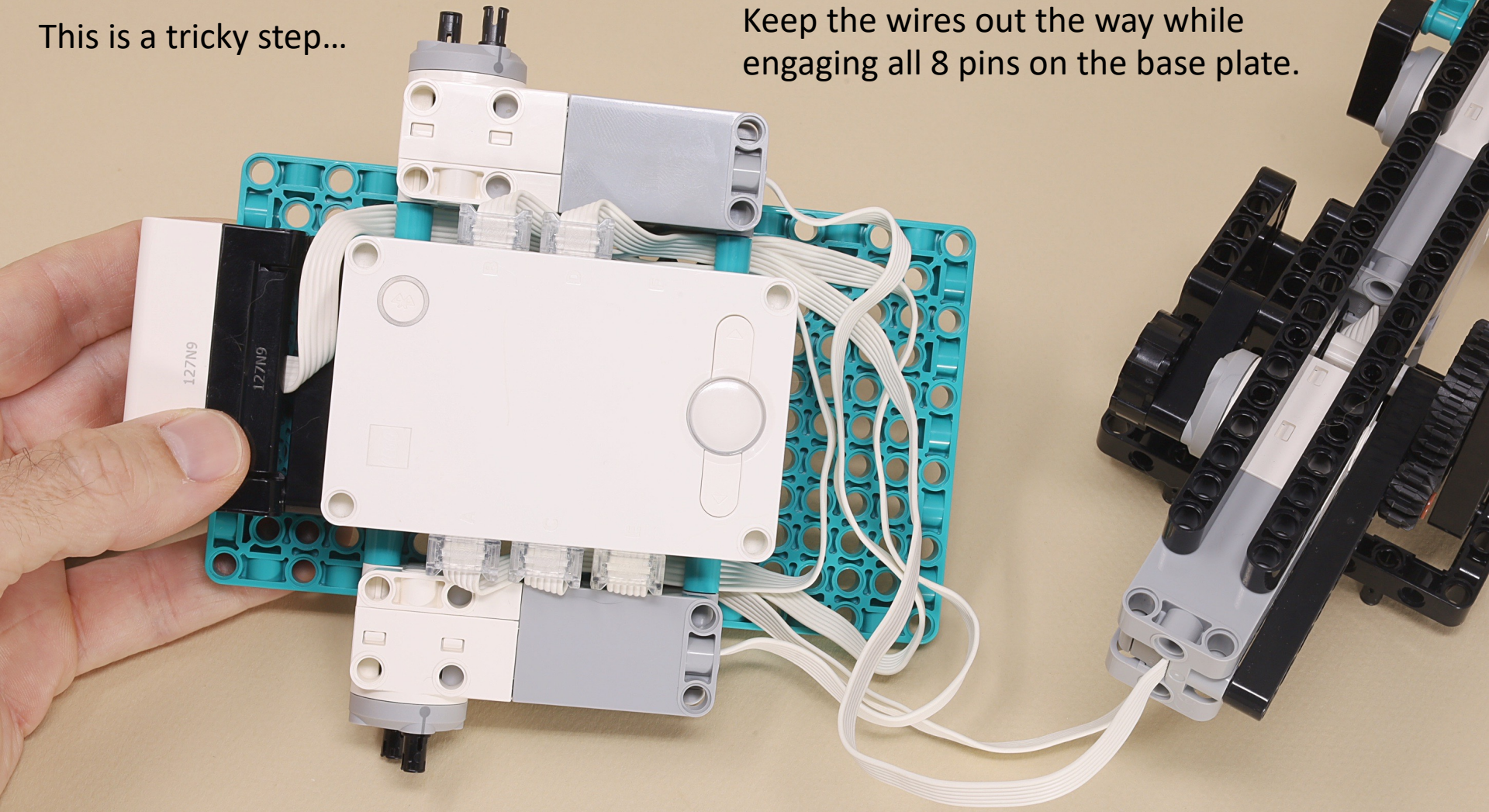


Count the hole positions carefully here.

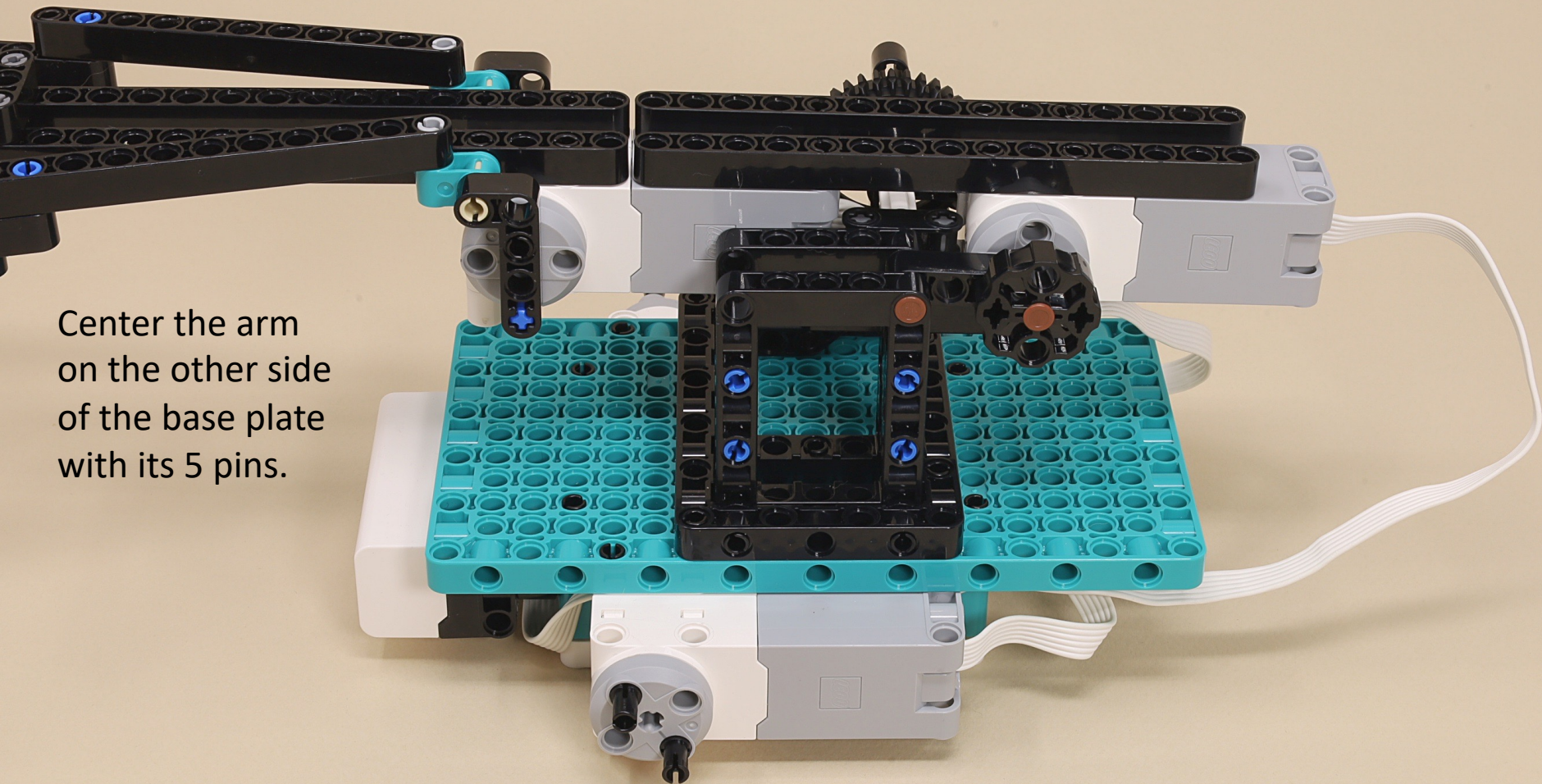


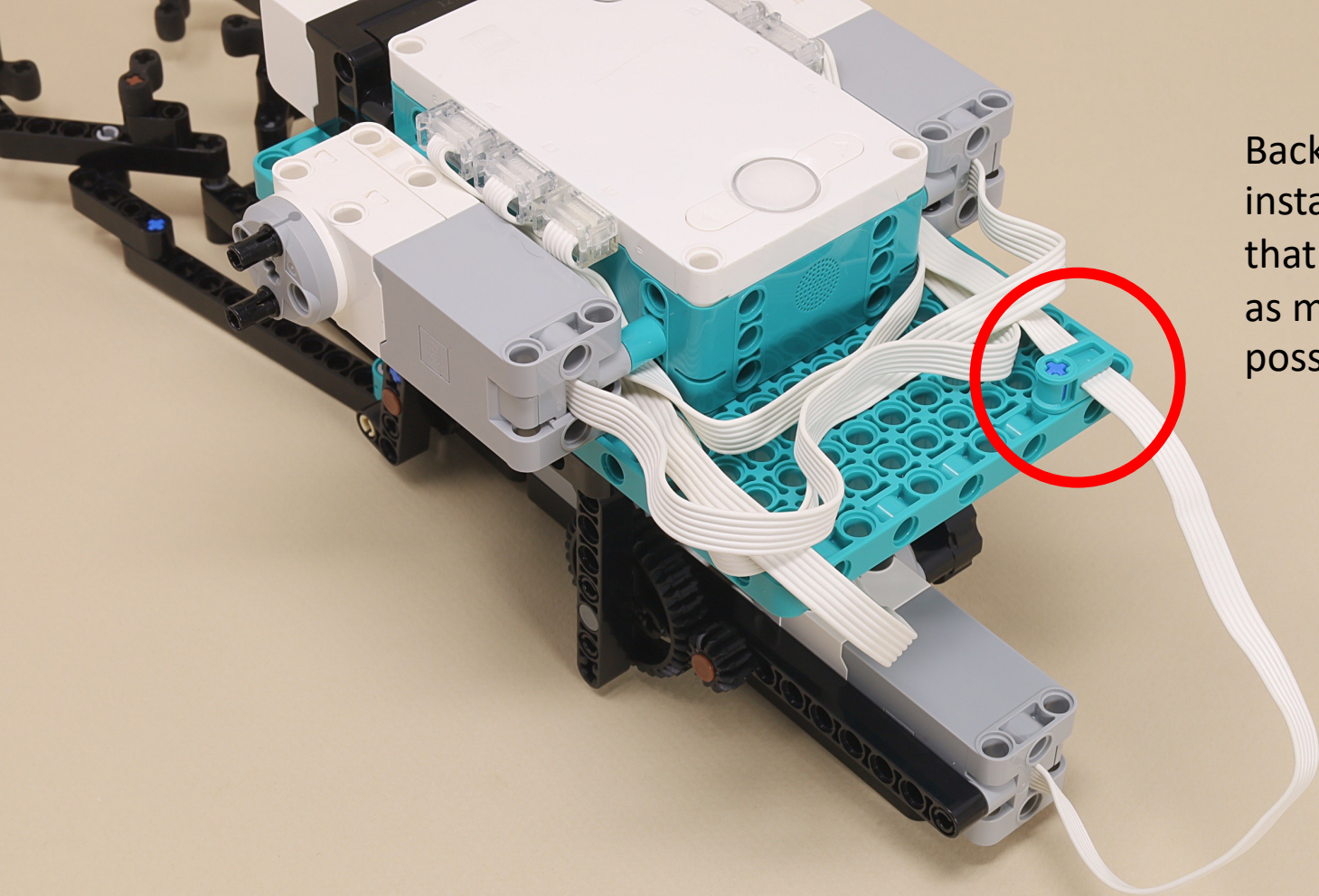
This is a tricky step...

Keep the wires out the way while engaging all 8 pins on the base plate.

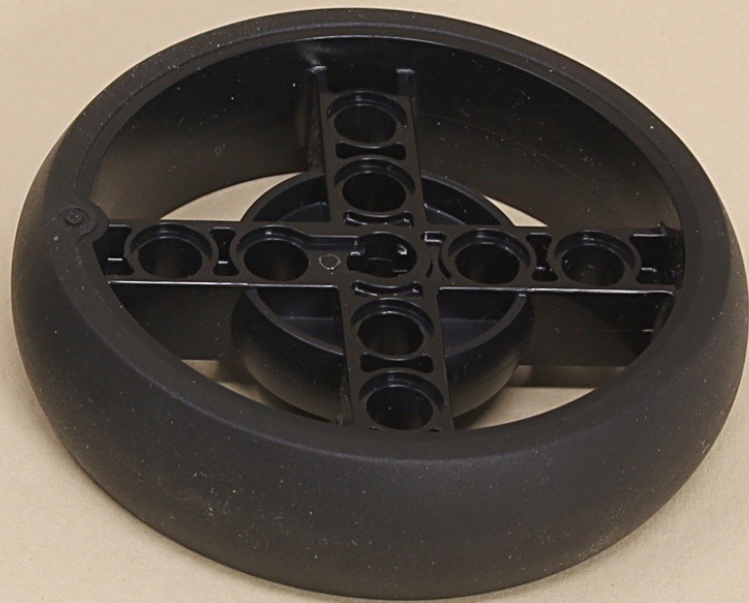
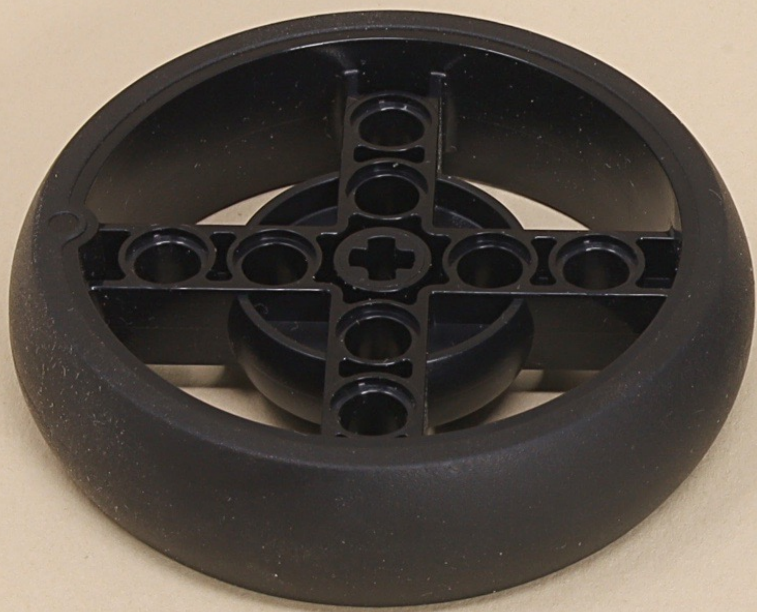


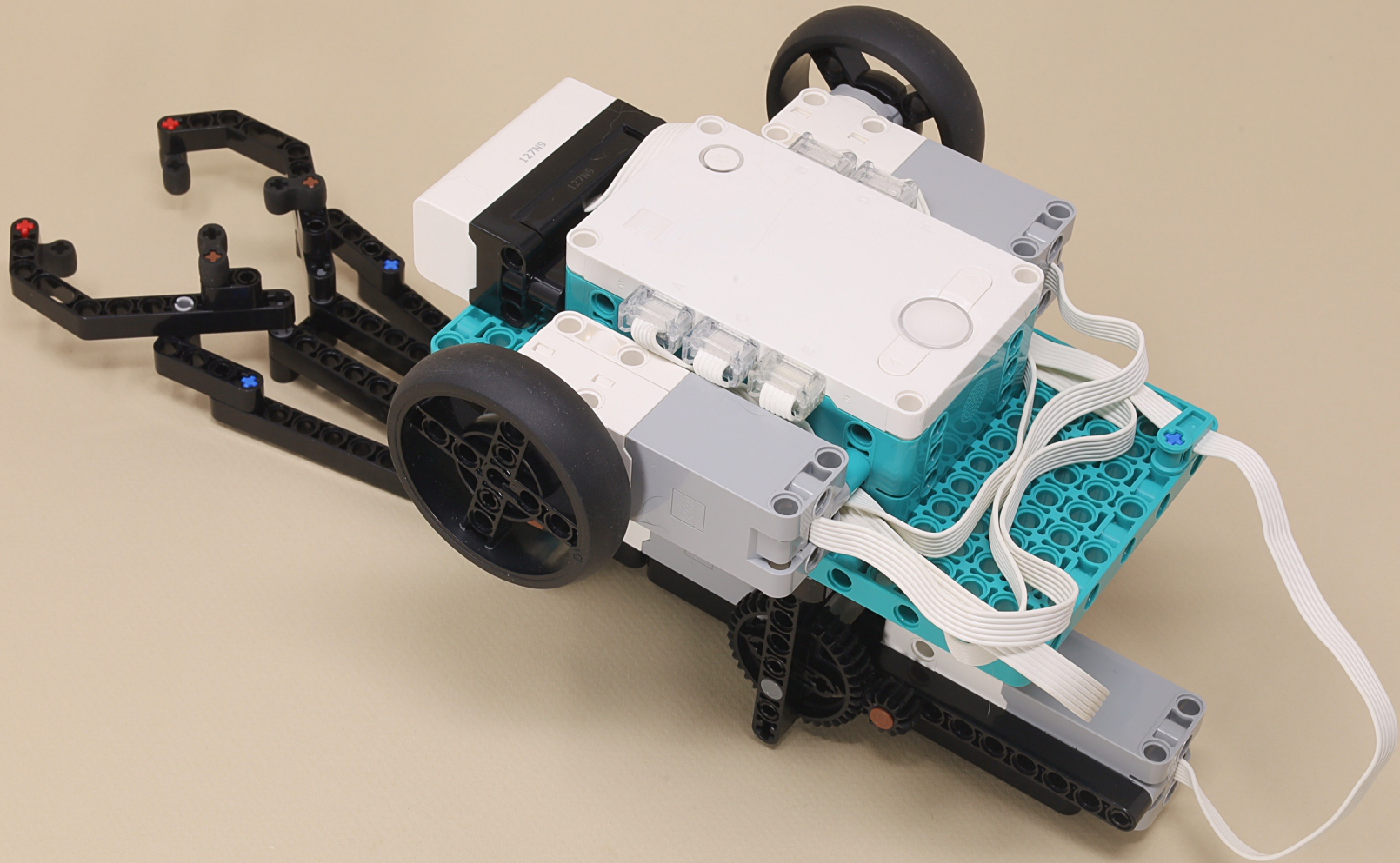
Center the arm
on the other side
of the base plate
with its 5 pins.

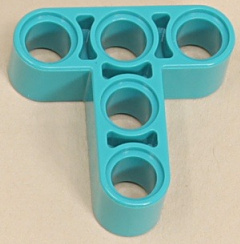


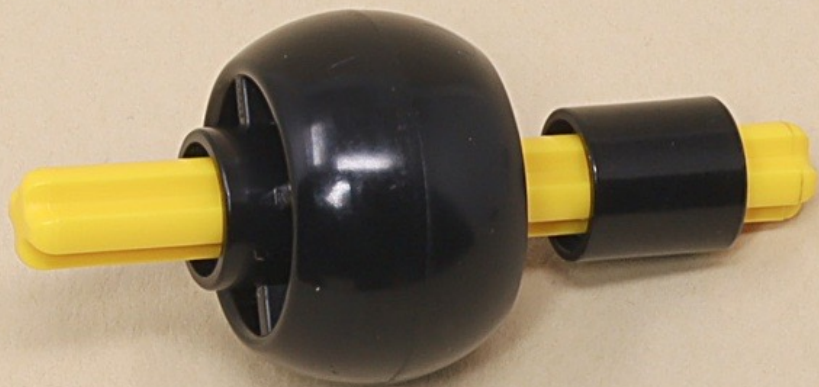


Back on the bottom side, install the wire clip so that the arm motor has as much slack length as possible.

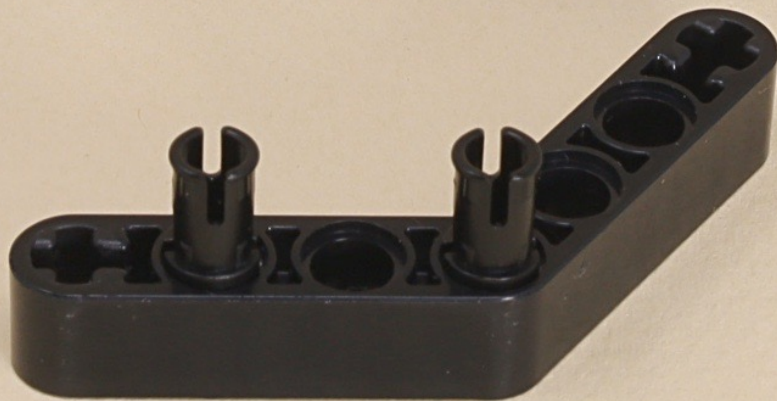
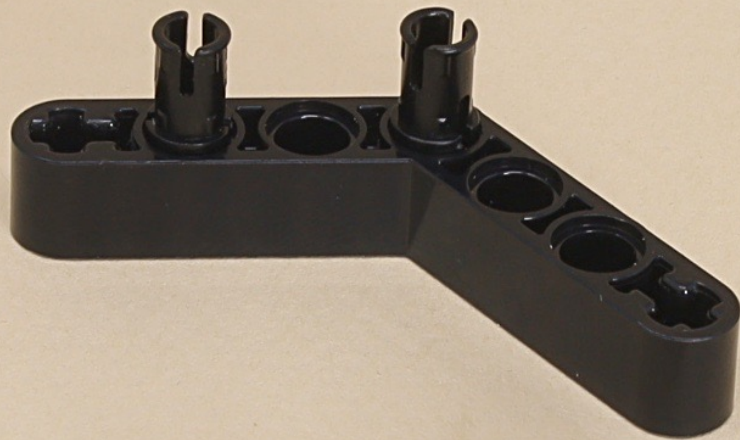
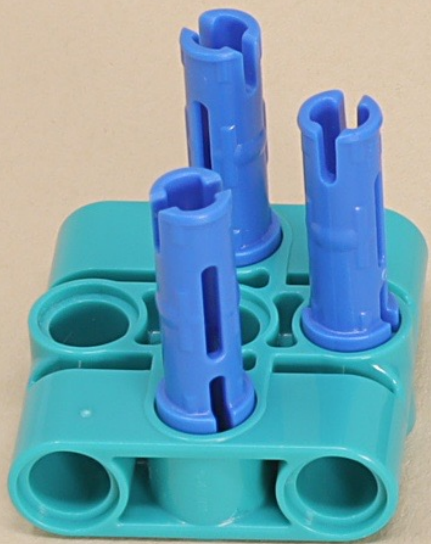


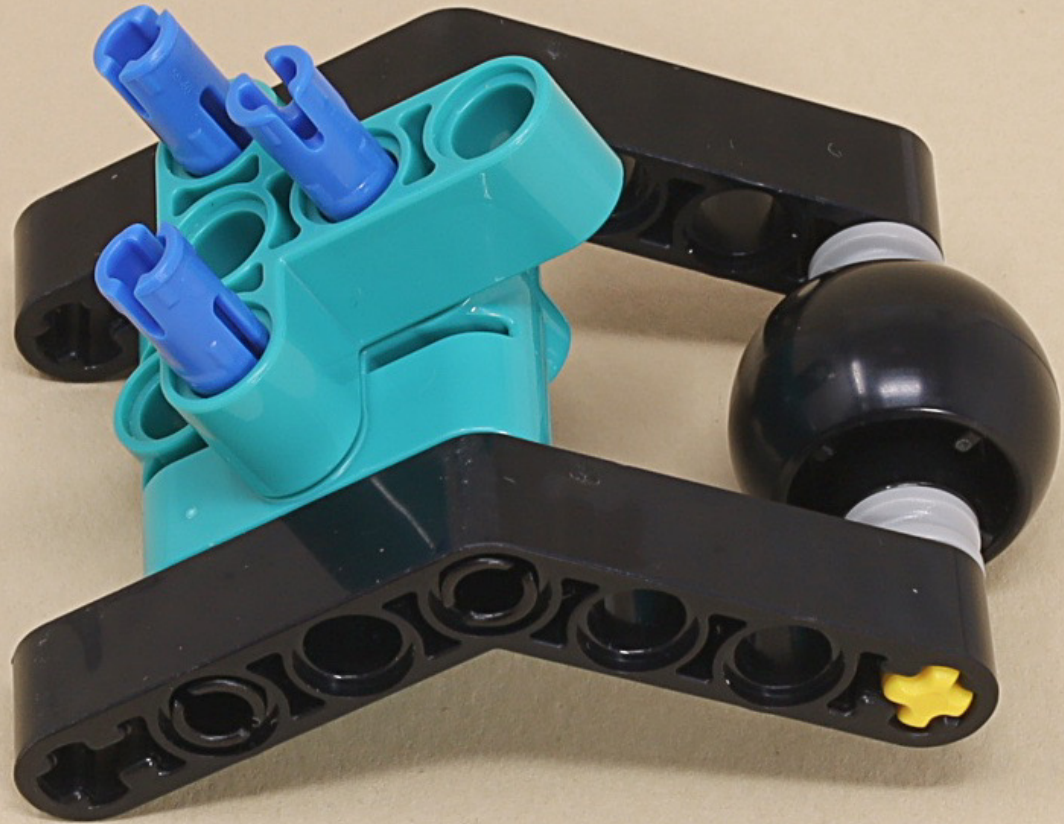


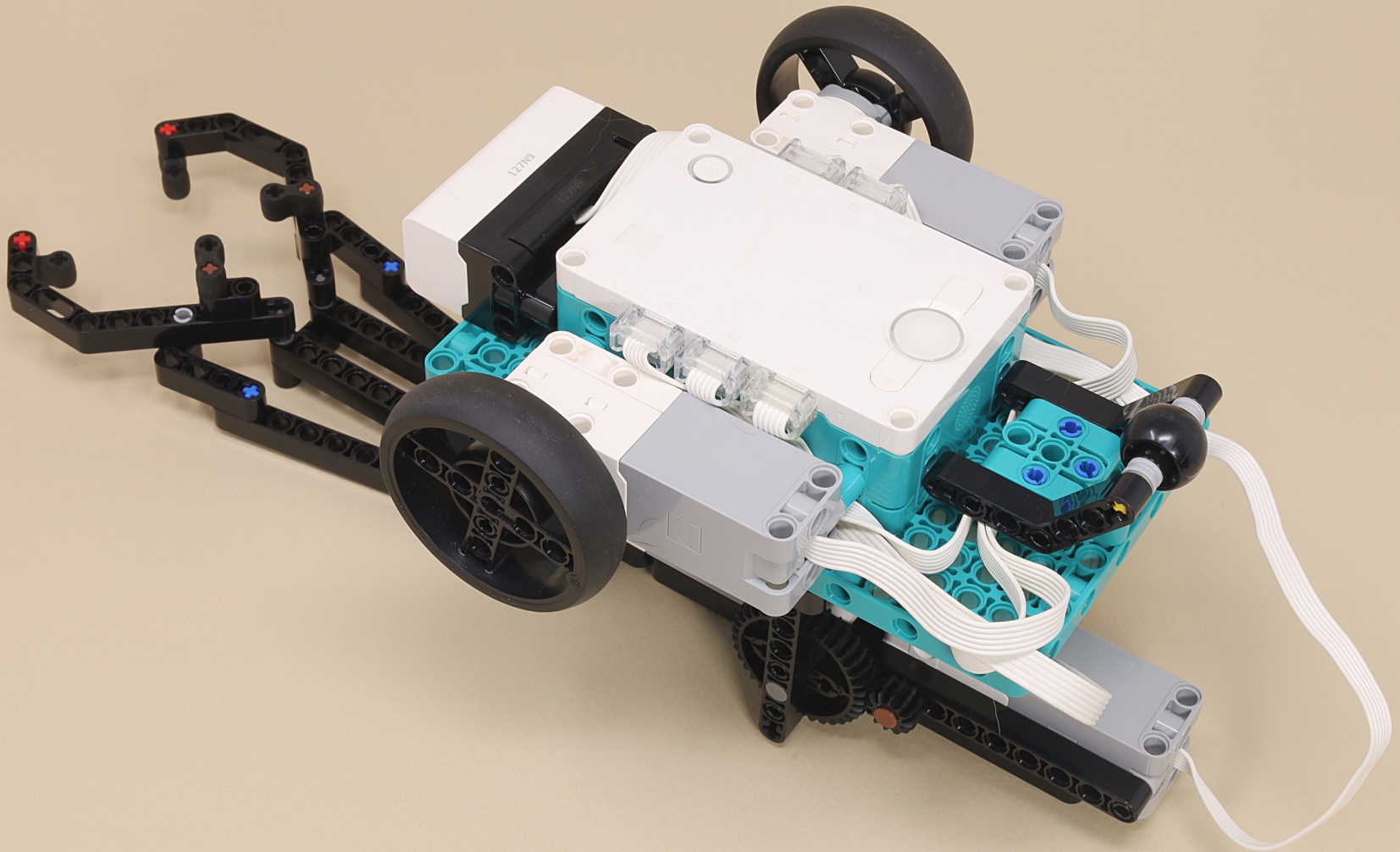




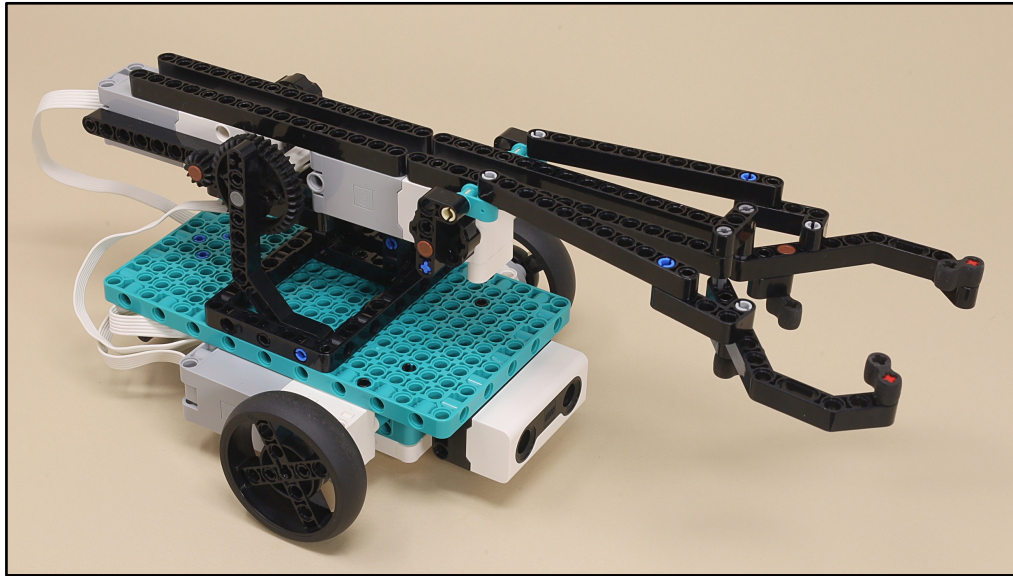








The Claw Crane is now Finished.



If you want, add the
Ball Stands and Basket:

