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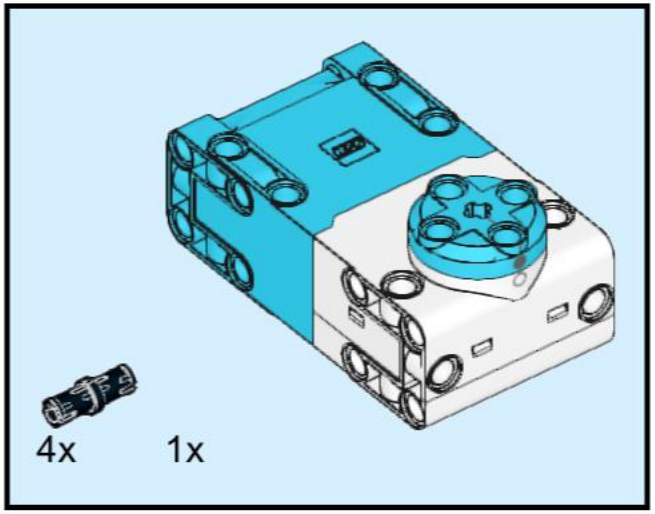

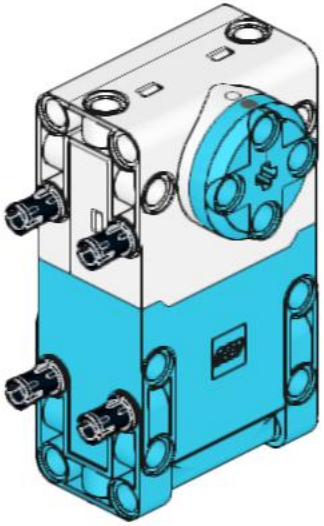

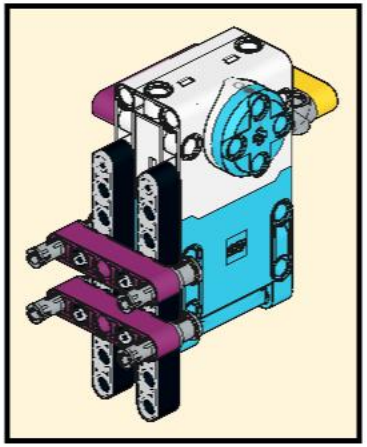

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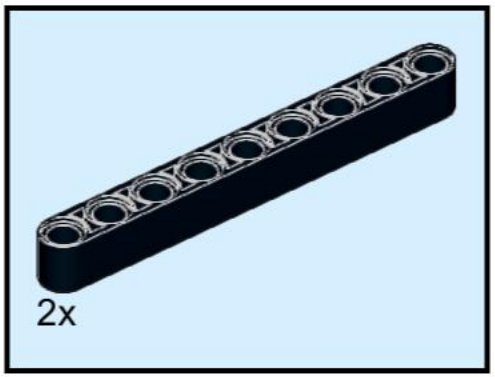

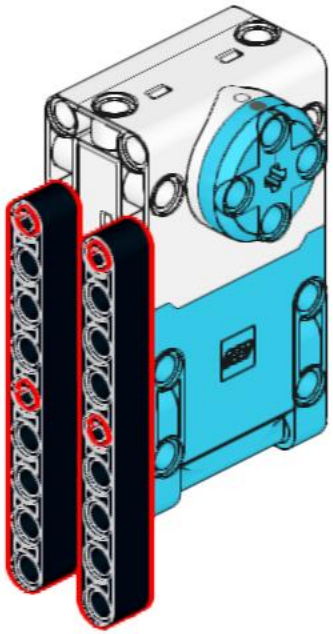

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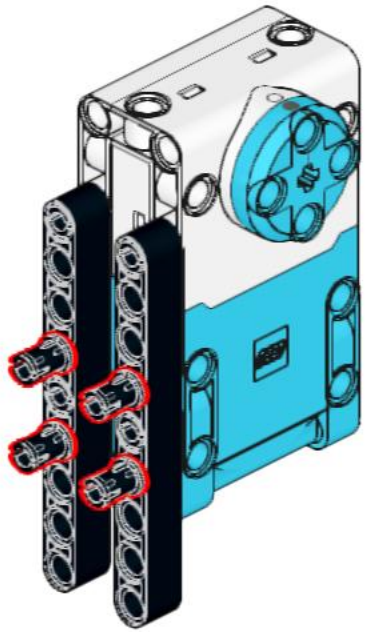

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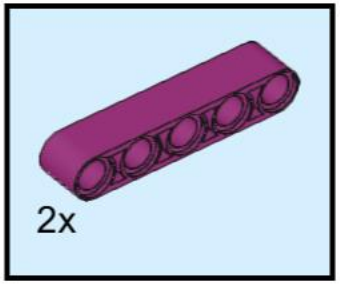

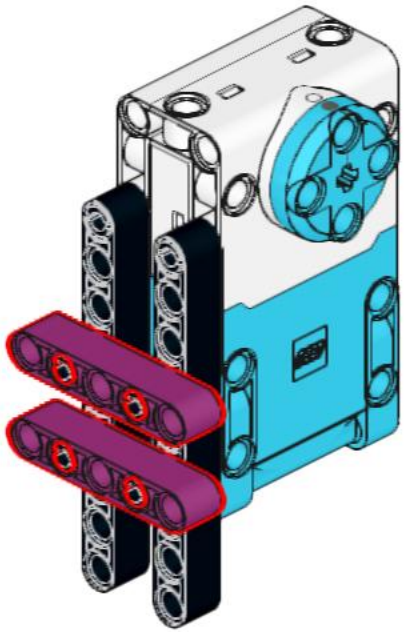

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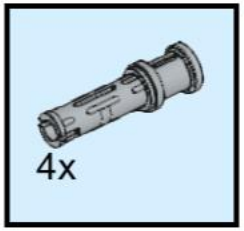

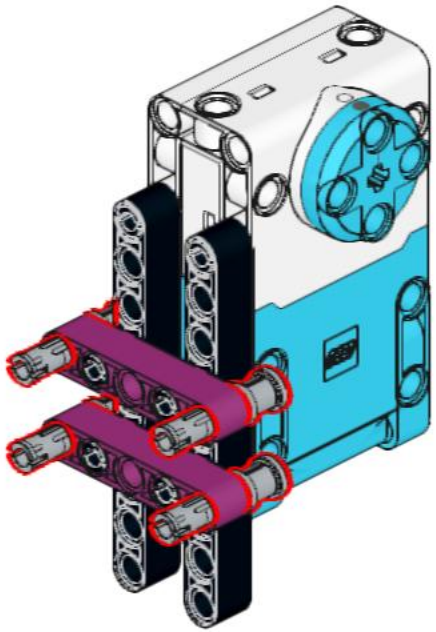

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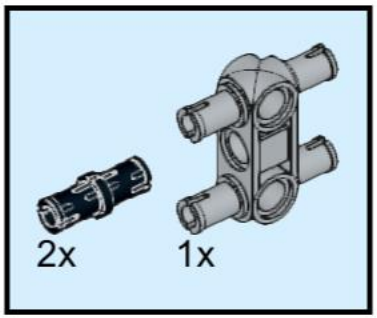

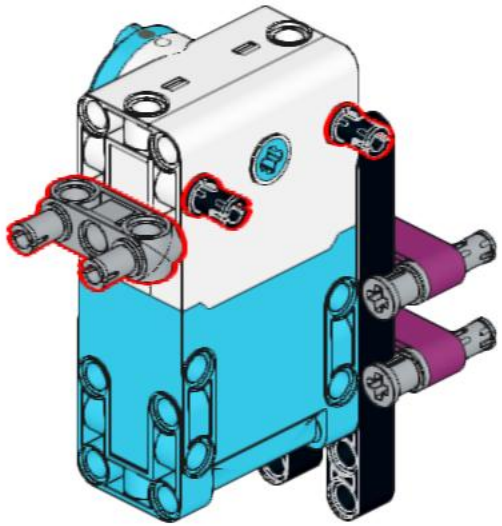

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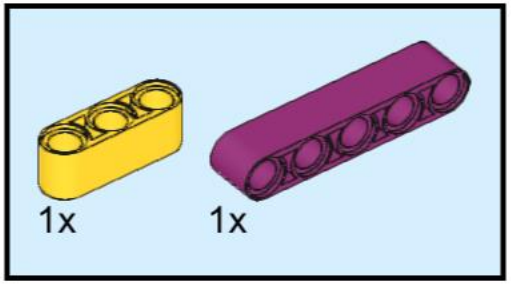

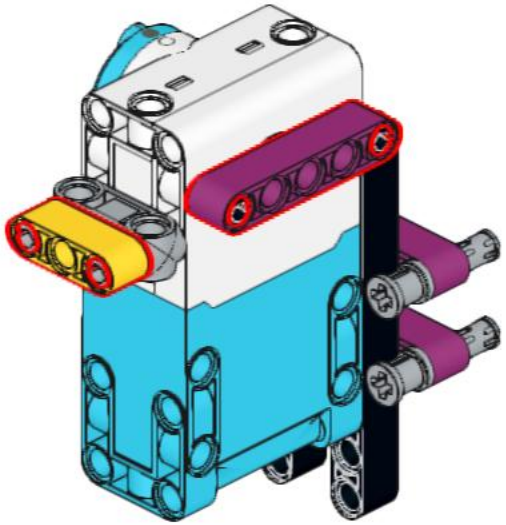

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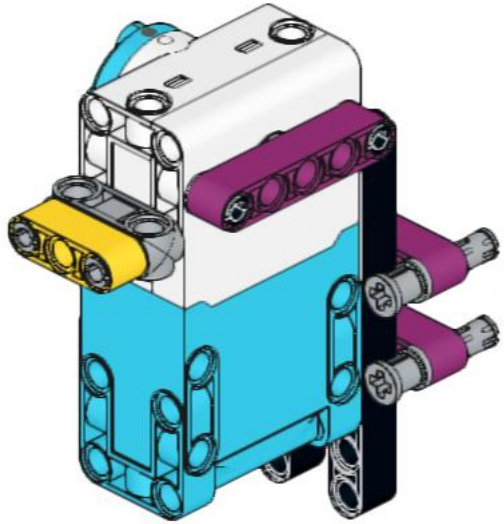

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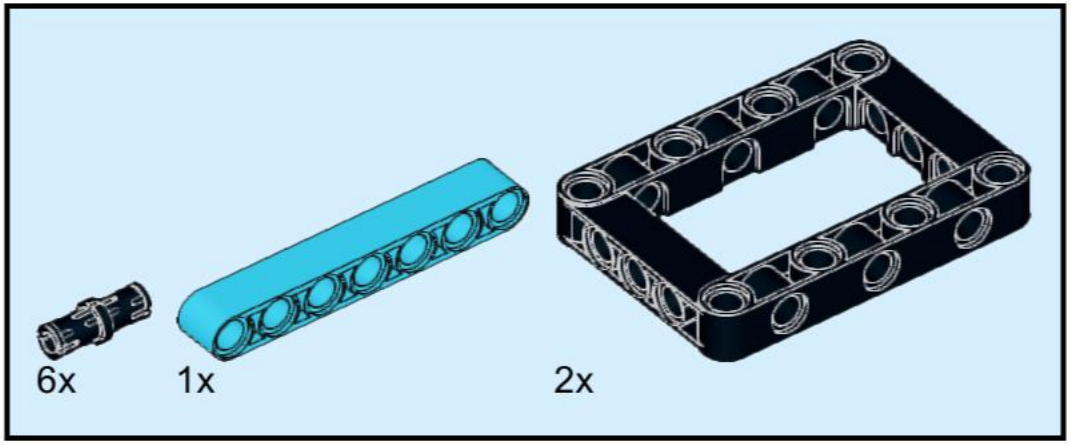

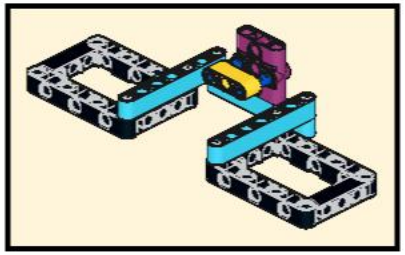

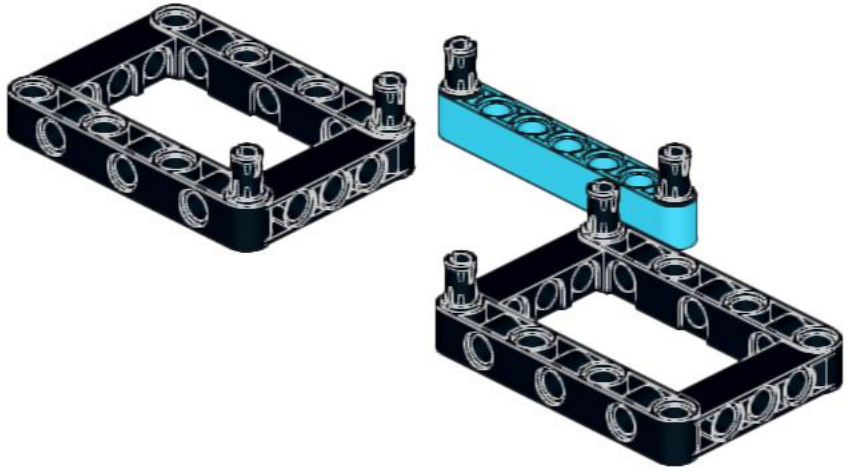

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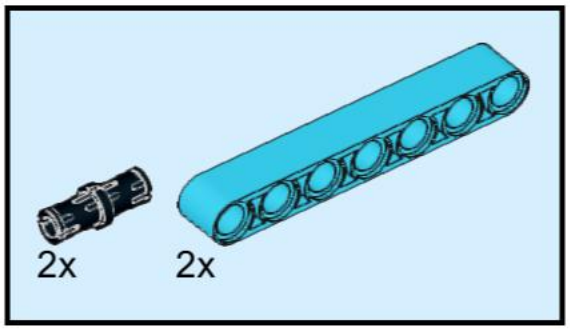

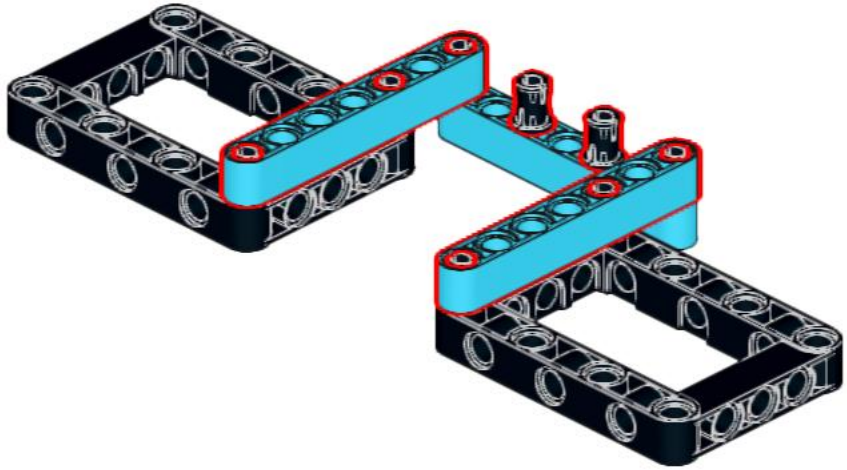

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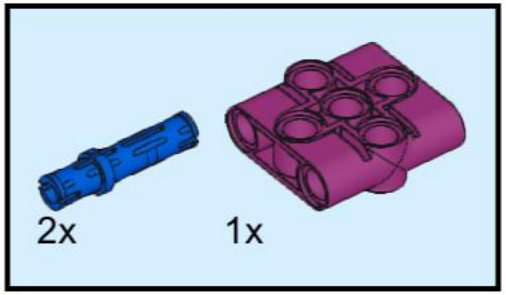

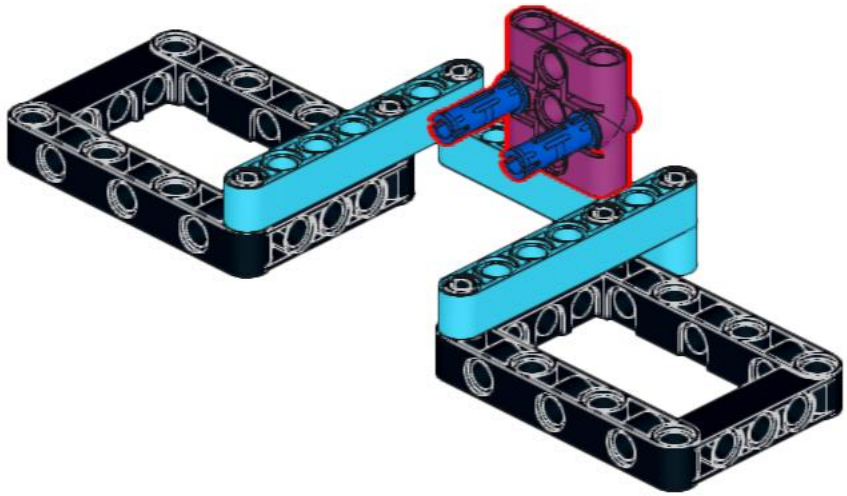

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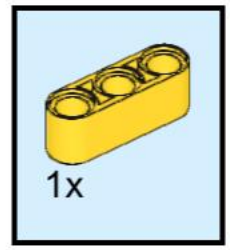
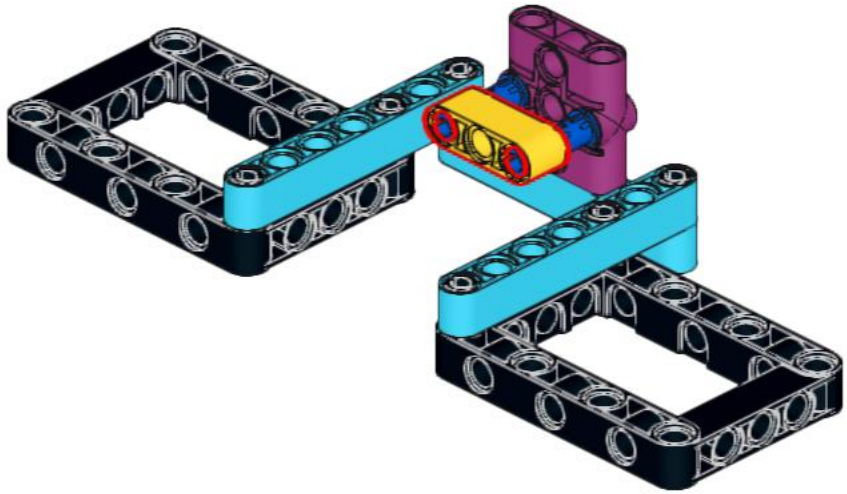
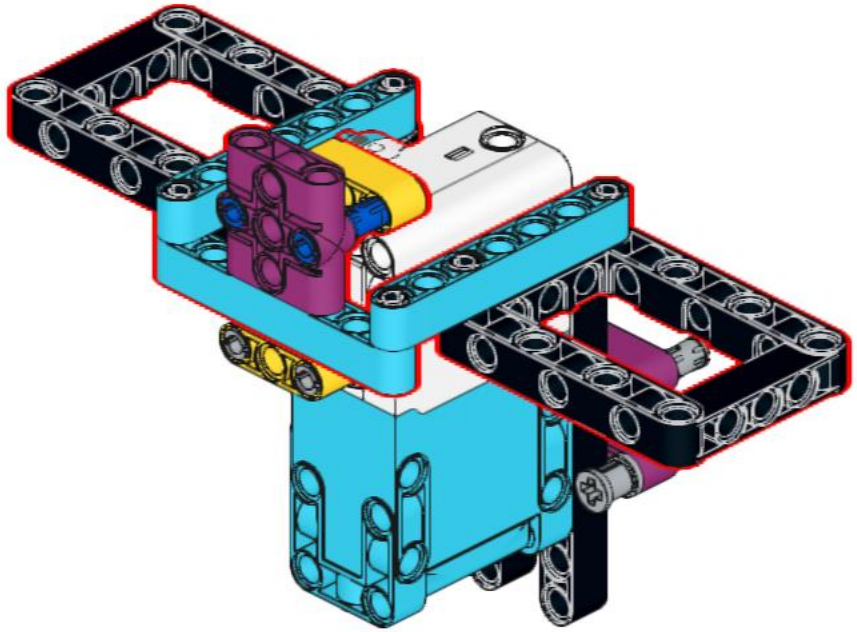




BRICKULUM

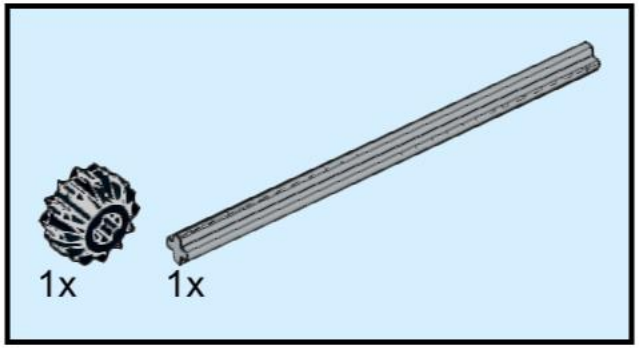
13

Turn the frame around and place on top.
This won't be solid yet - it just sits there.
Step 14/15 will lock it in place.

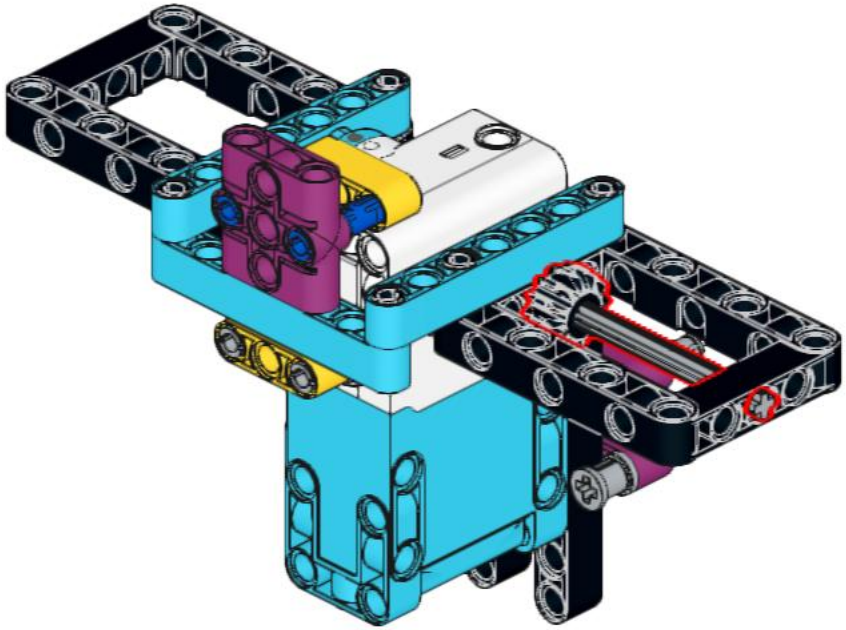


BRICKULUM

14

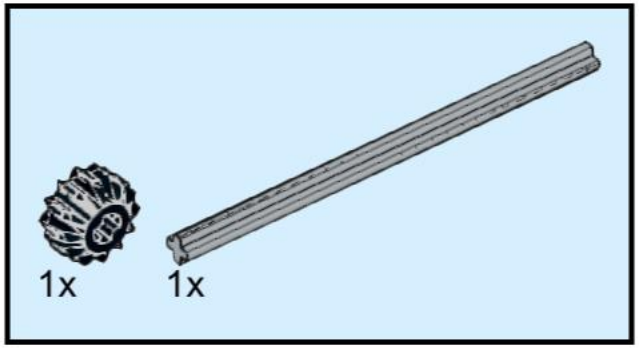


Slide the axle part the way in and place the gear on before completely pushing the axle into the motor.

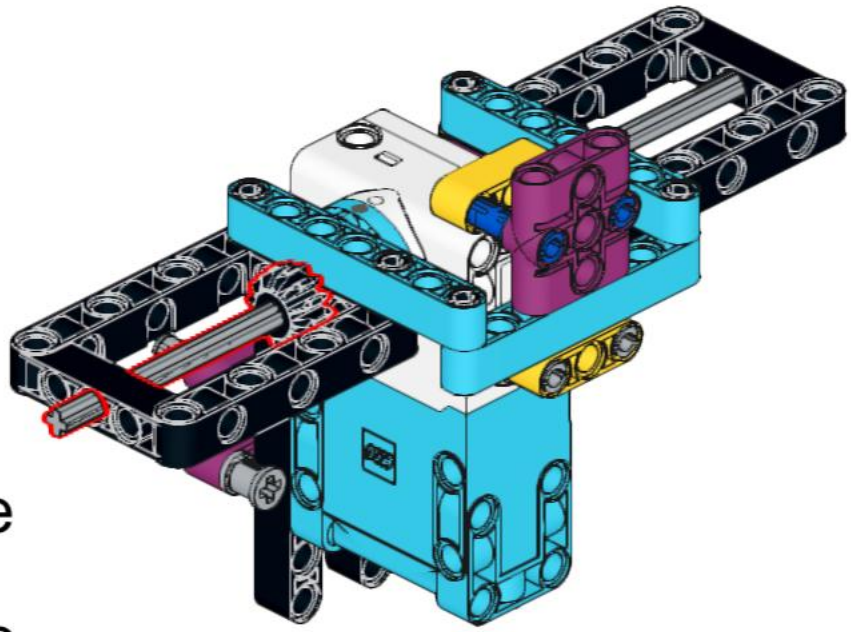


BRICKULUM

15



Slide the axle part the way in and place the gear on before completely pushing the axle into the motor. The axle will stick out slightly on this side.



BRICKULUM

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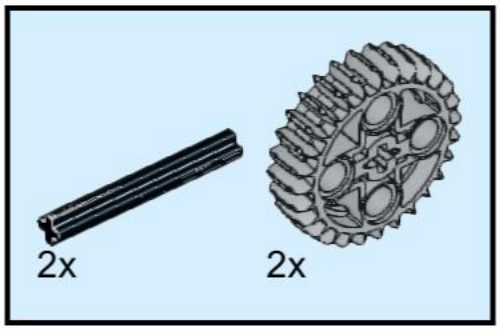
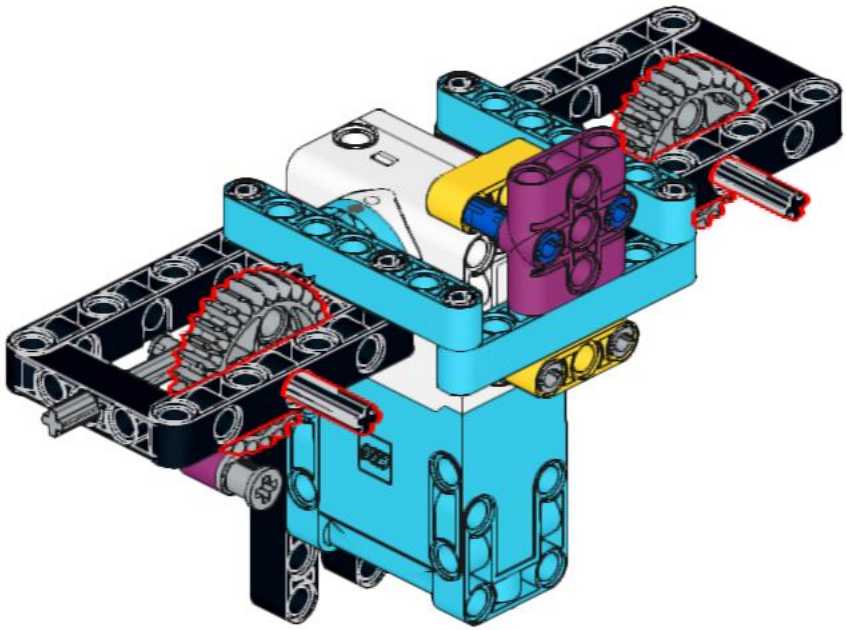
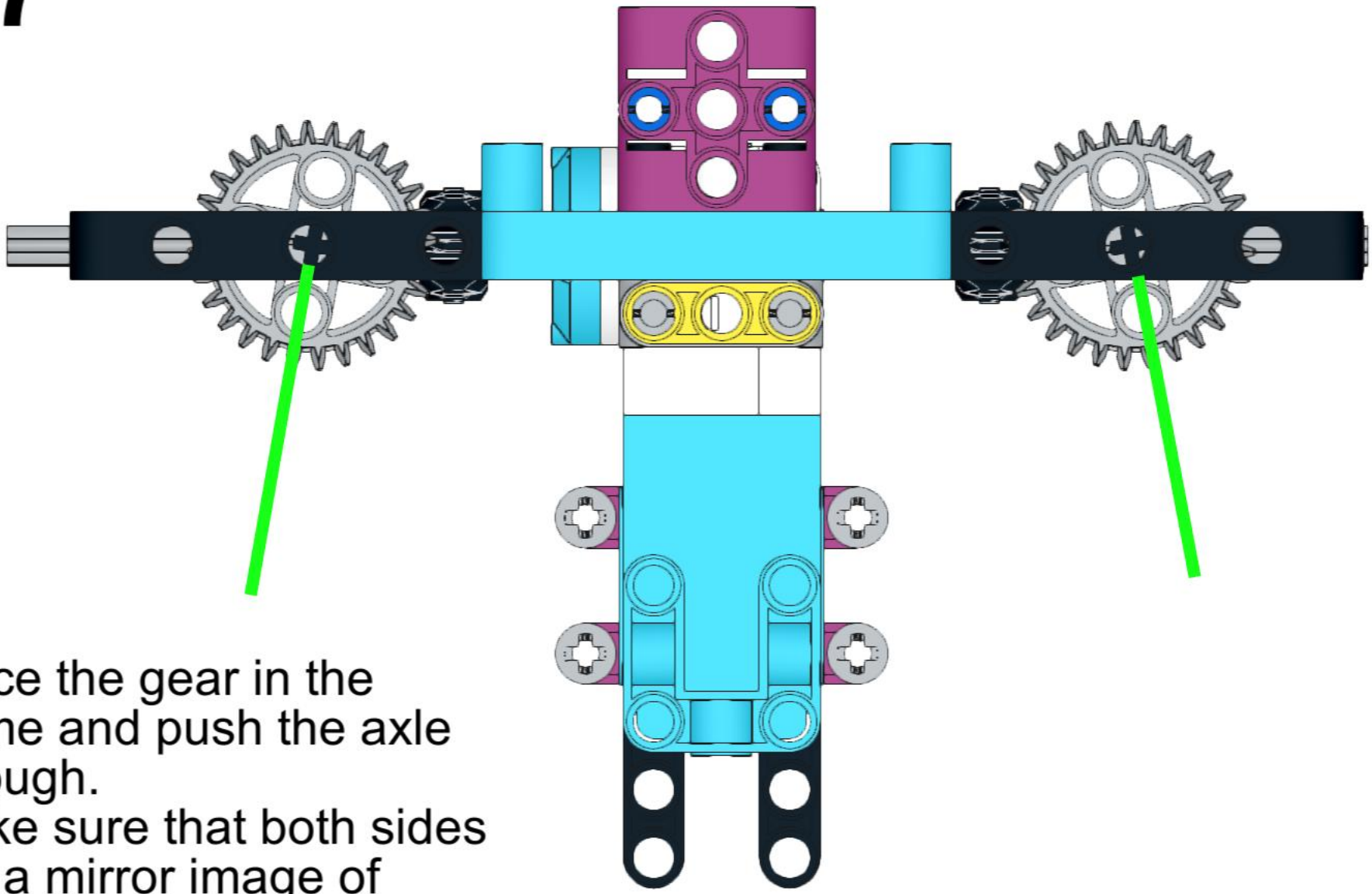


Place the gear in the frame and push the axle through.
Make sure that both sides are a mirror image of each other.



BRICKULUM

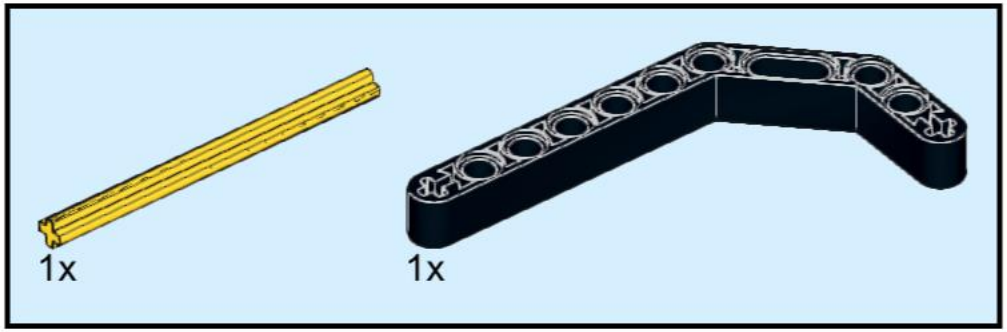
17

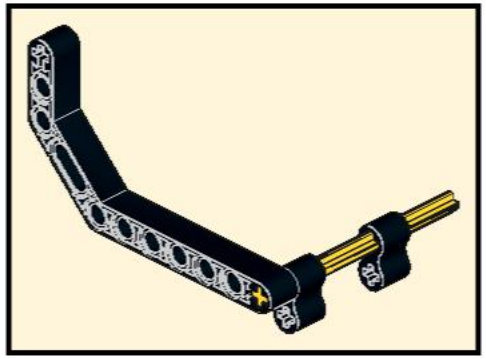


Place the gear in the frame and push the axle through.
Make sure that both sides are a mirror image of each other.

BRICKULUM

18



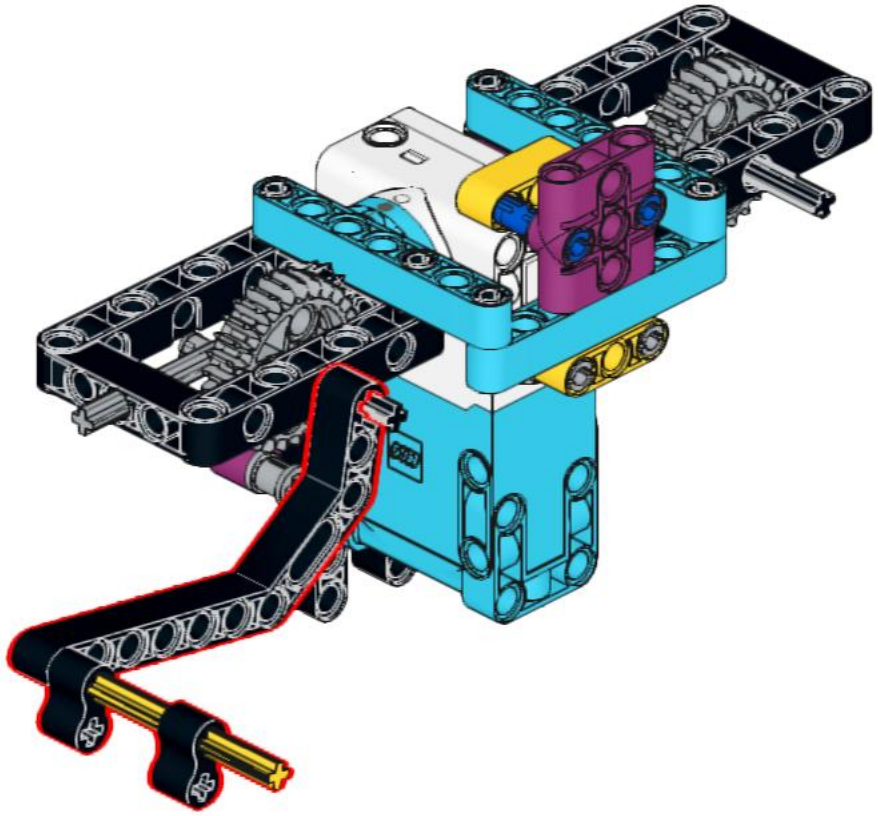


BRICKULUM

19

BRICKULUM

20



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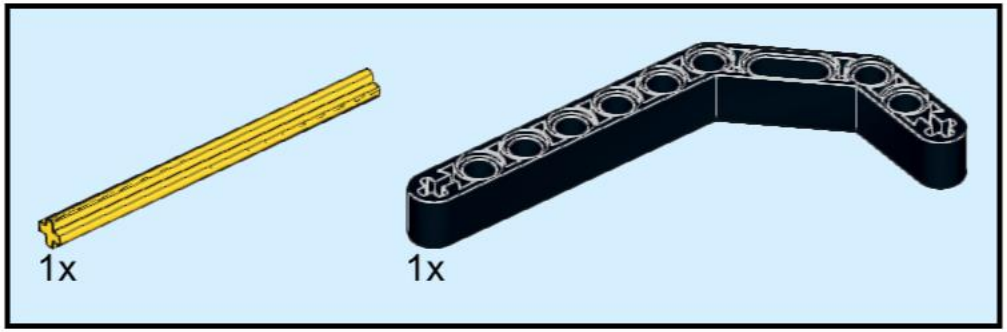
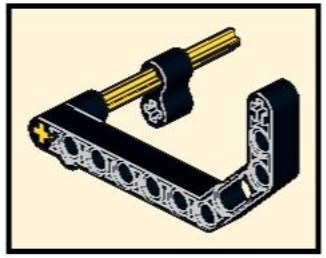
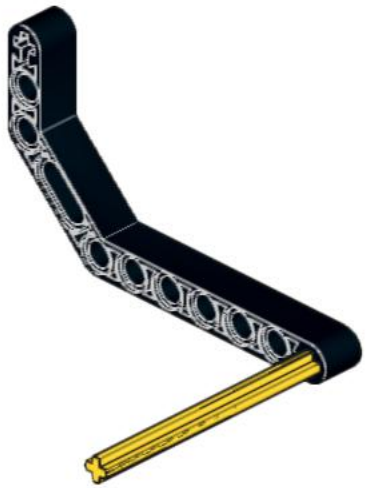




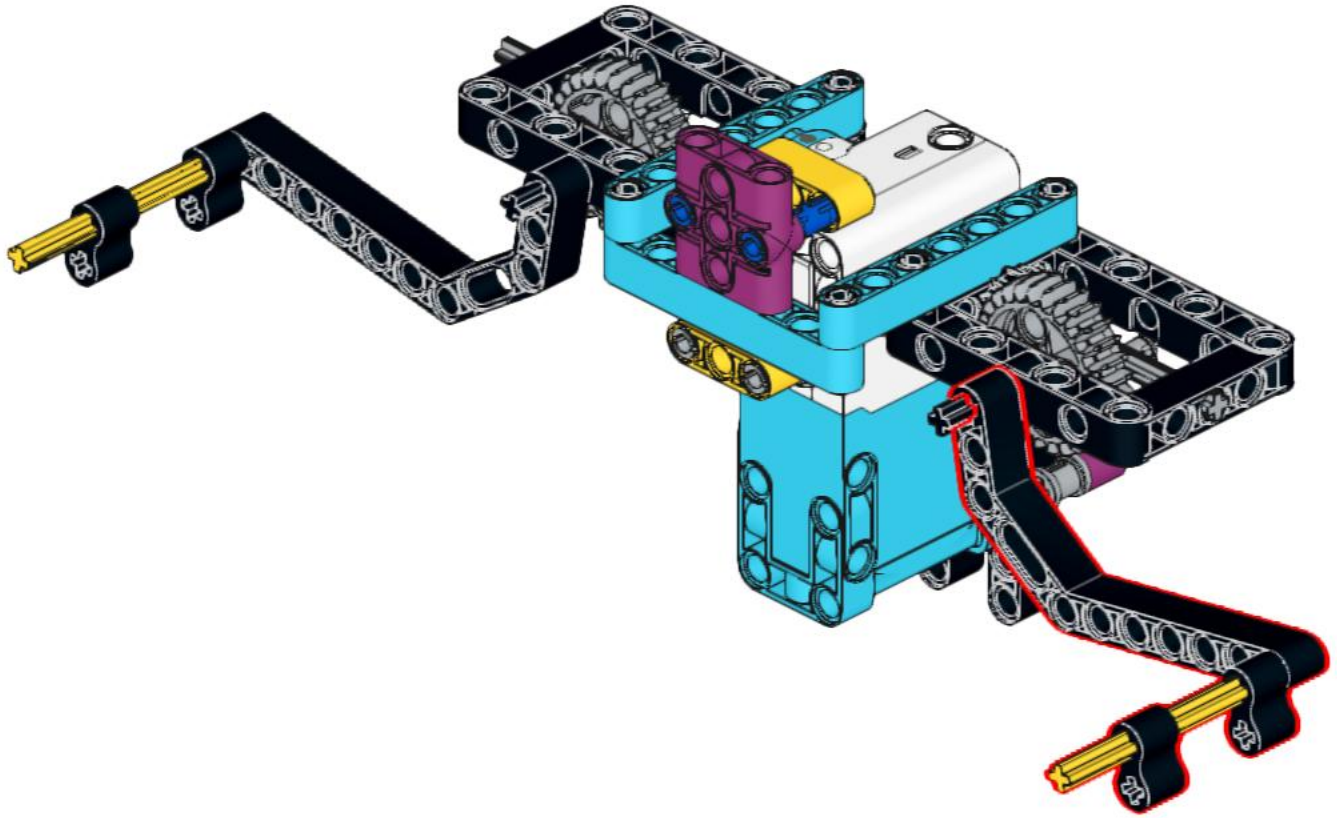


BRICKULUM

22

BRICKULUM

23

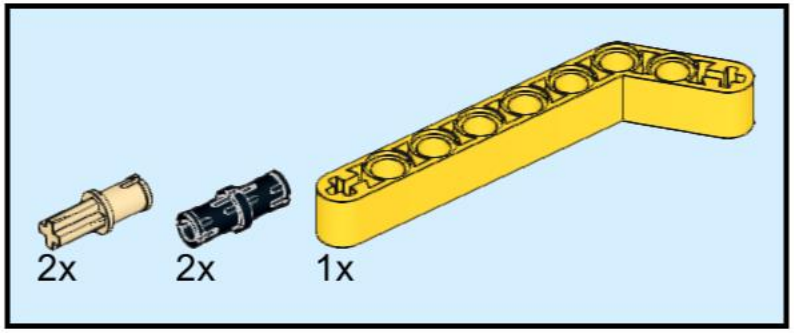


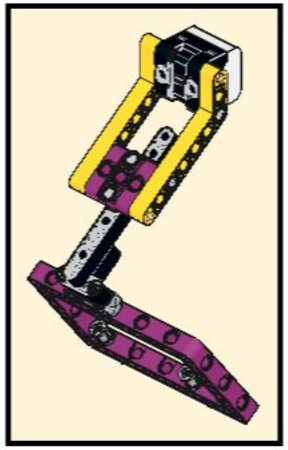
Motor into port C

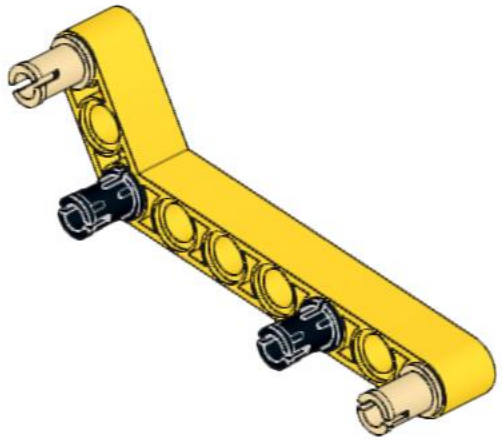
END OF LIFT MECHANISM

BRICKULUM

24



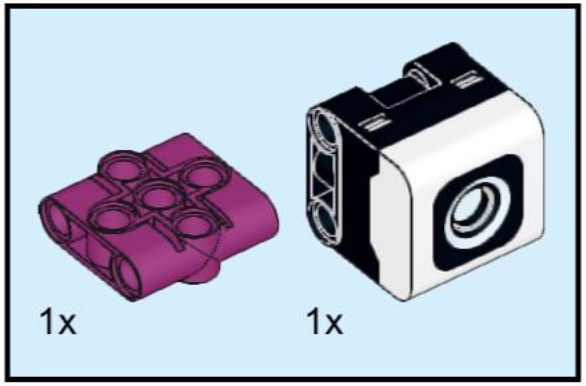


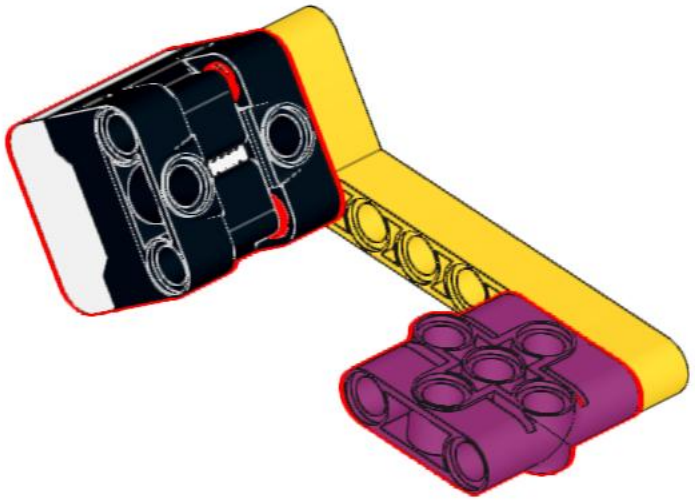


Start of Colour Sensor

BRICKULUM

25





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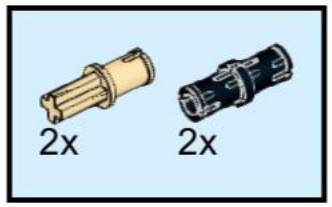

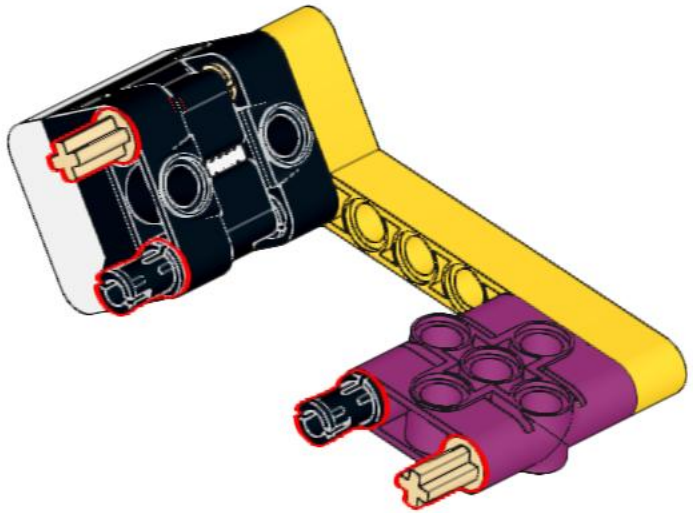

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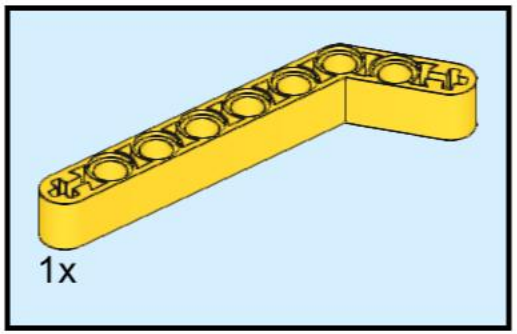

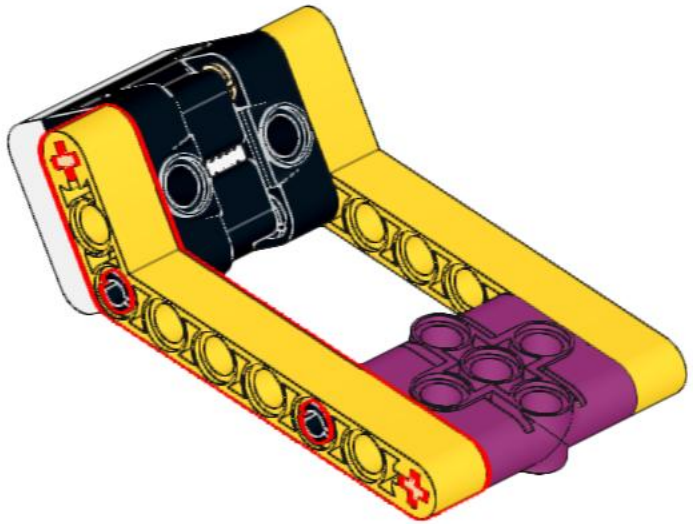

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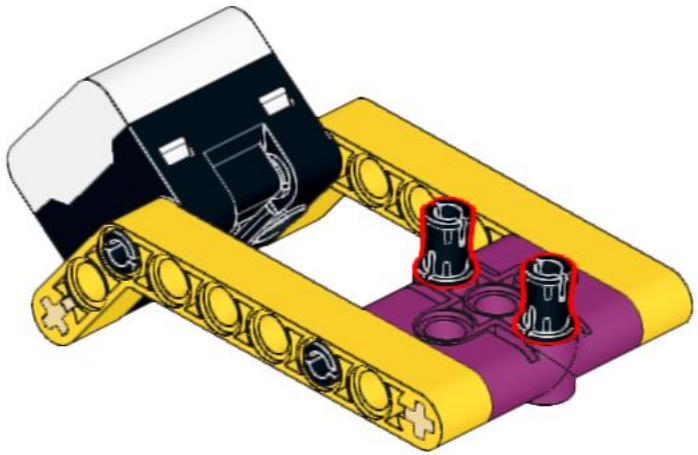

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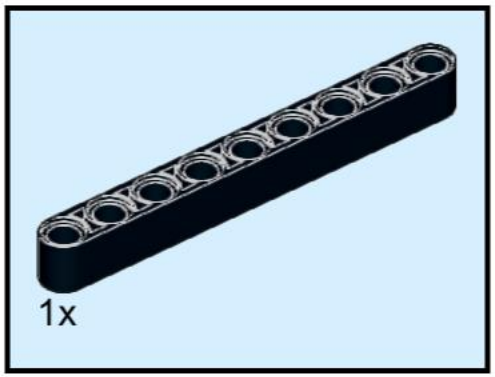

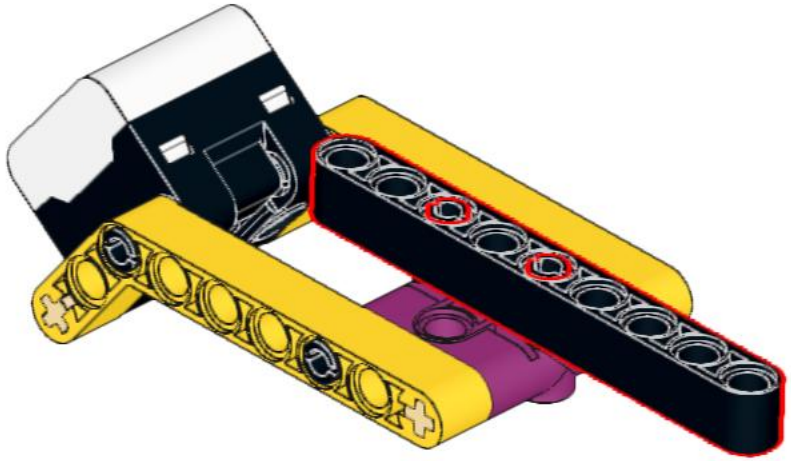

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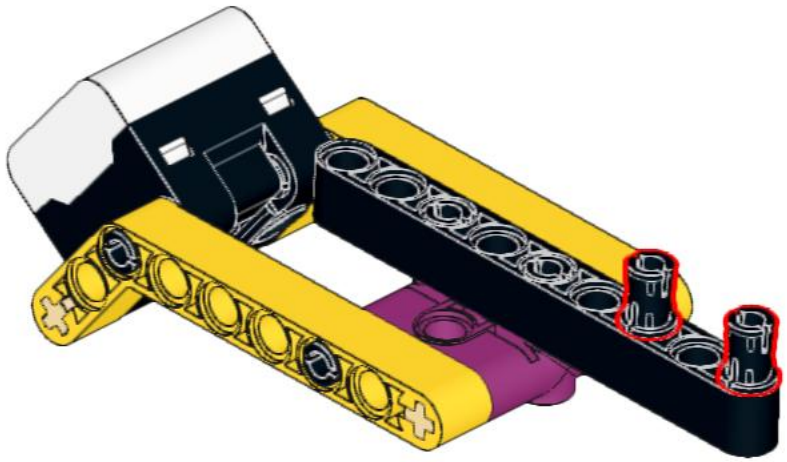

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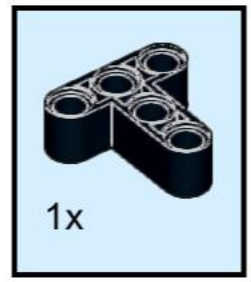
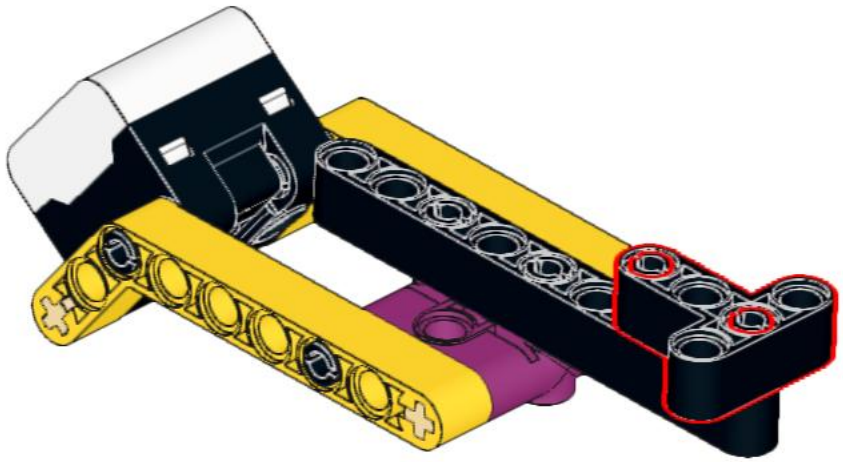
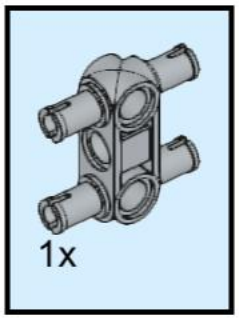
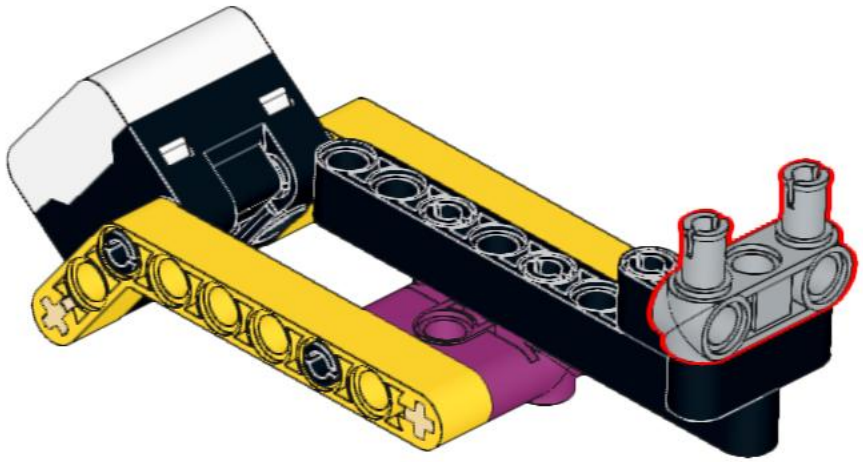




BRICKULUM

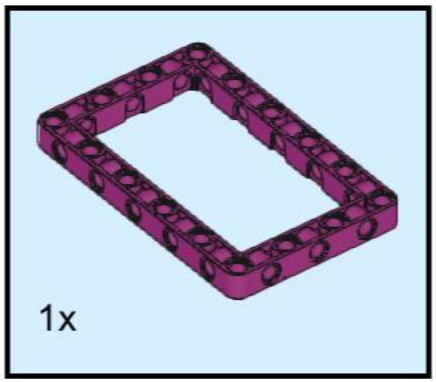
32

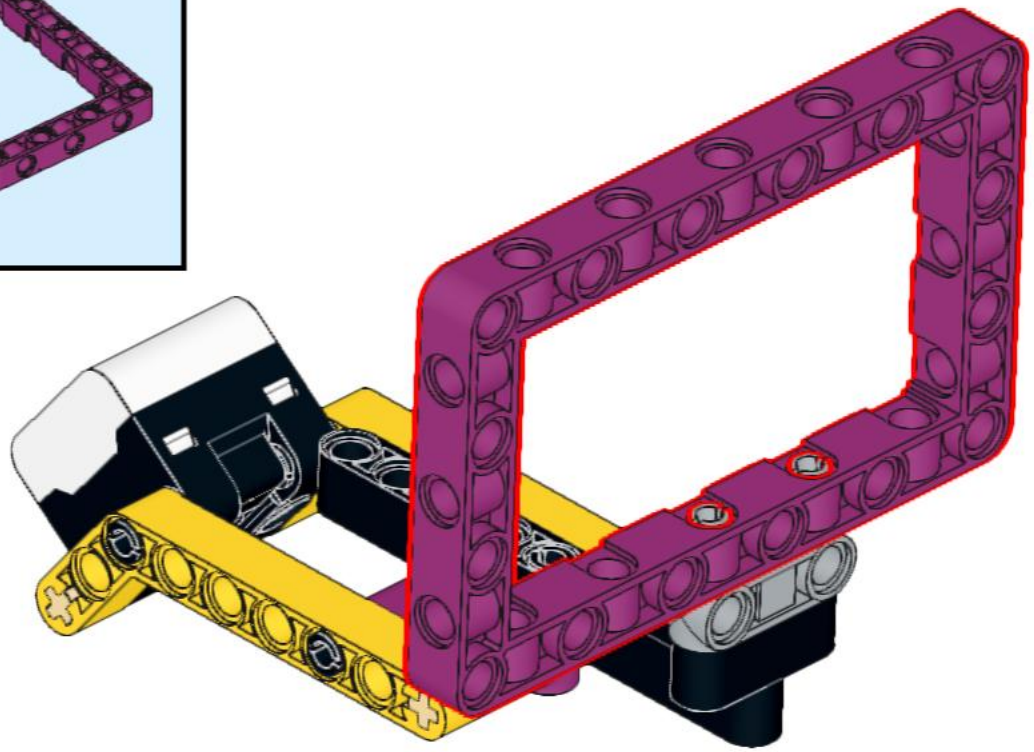




BRICKULUM

33





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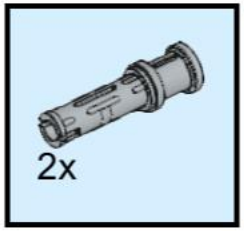
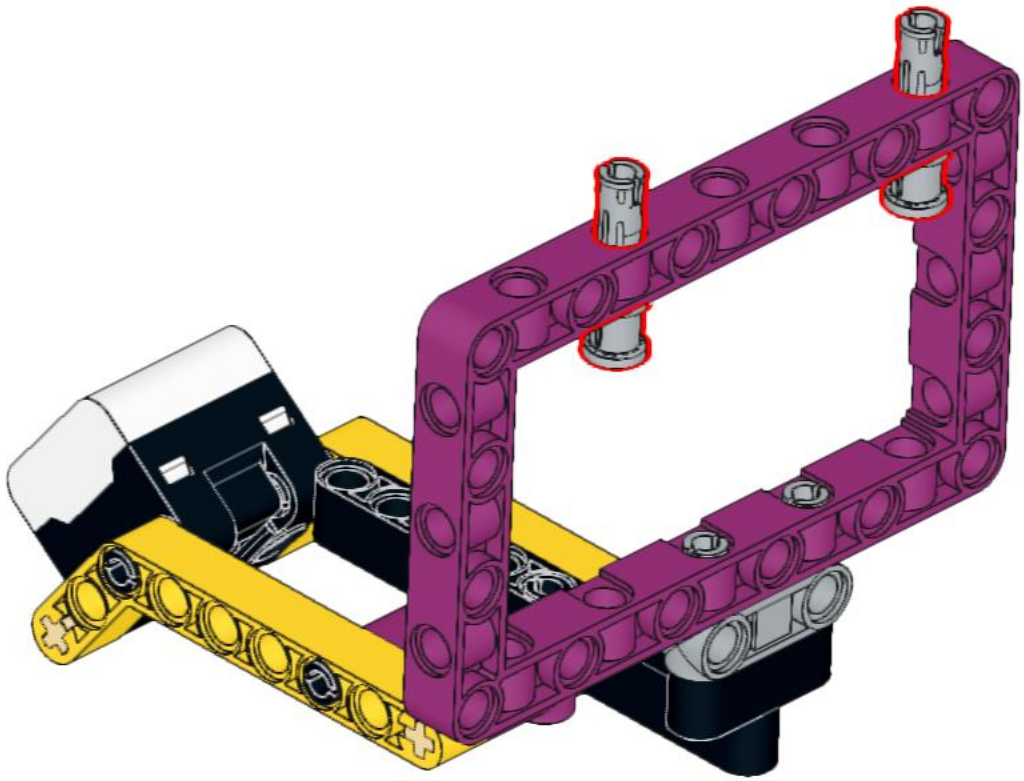
34





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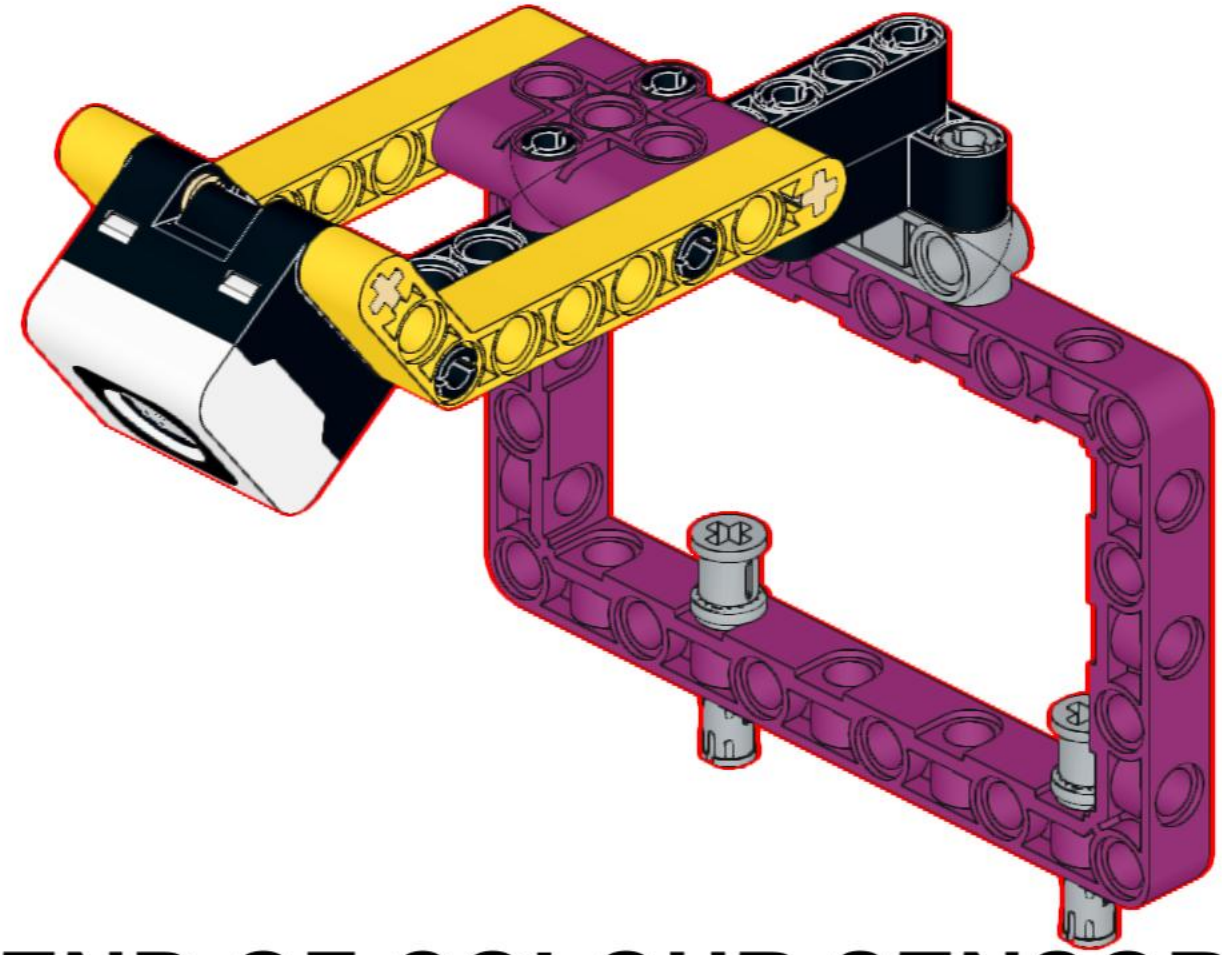
35



END OF COLOUR SENSOR

BRICKULUM

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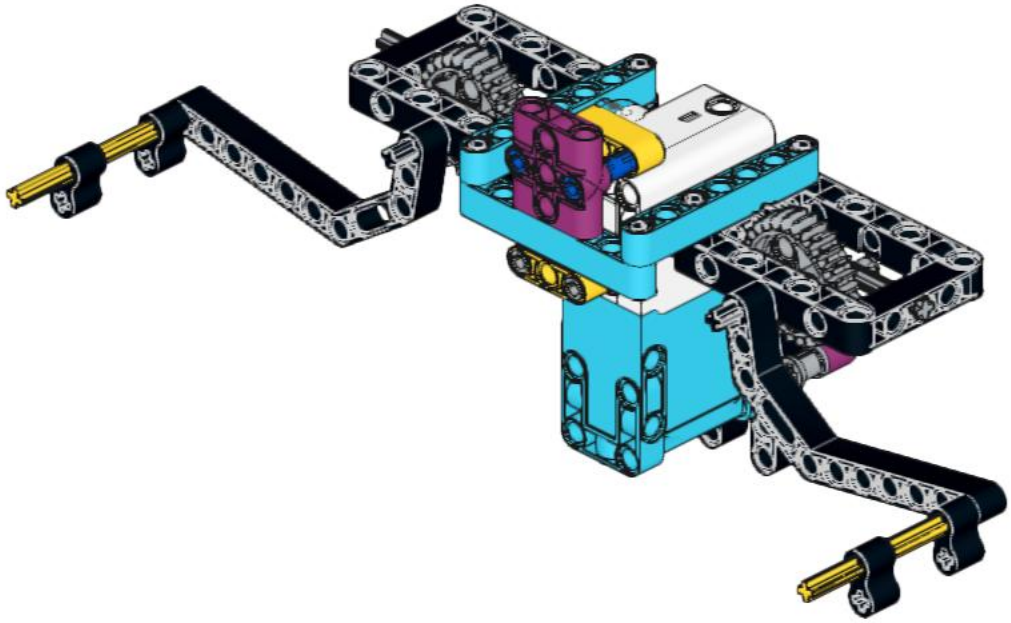
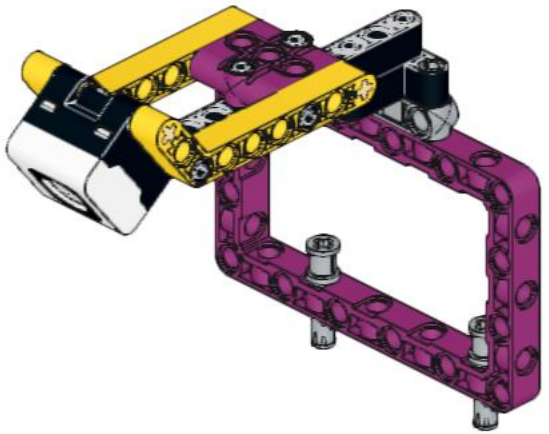
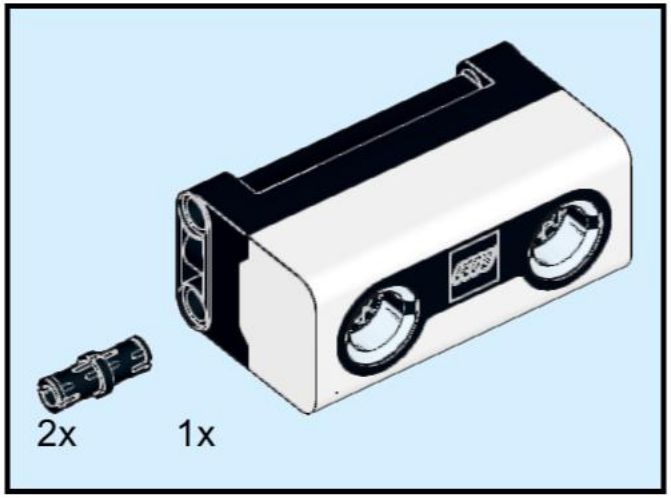


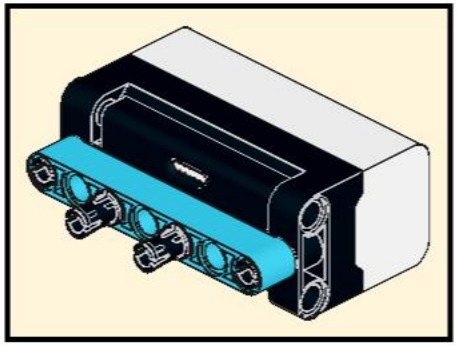


Motor into port C
Colour sensor into port E

BRICKULUM

37

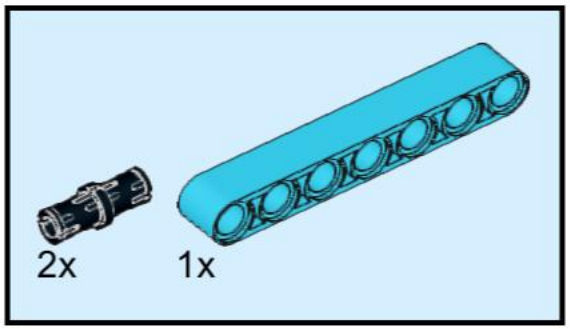


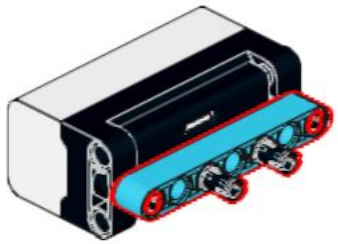


Start of Ultrasonic Sensor

BRICKULUM

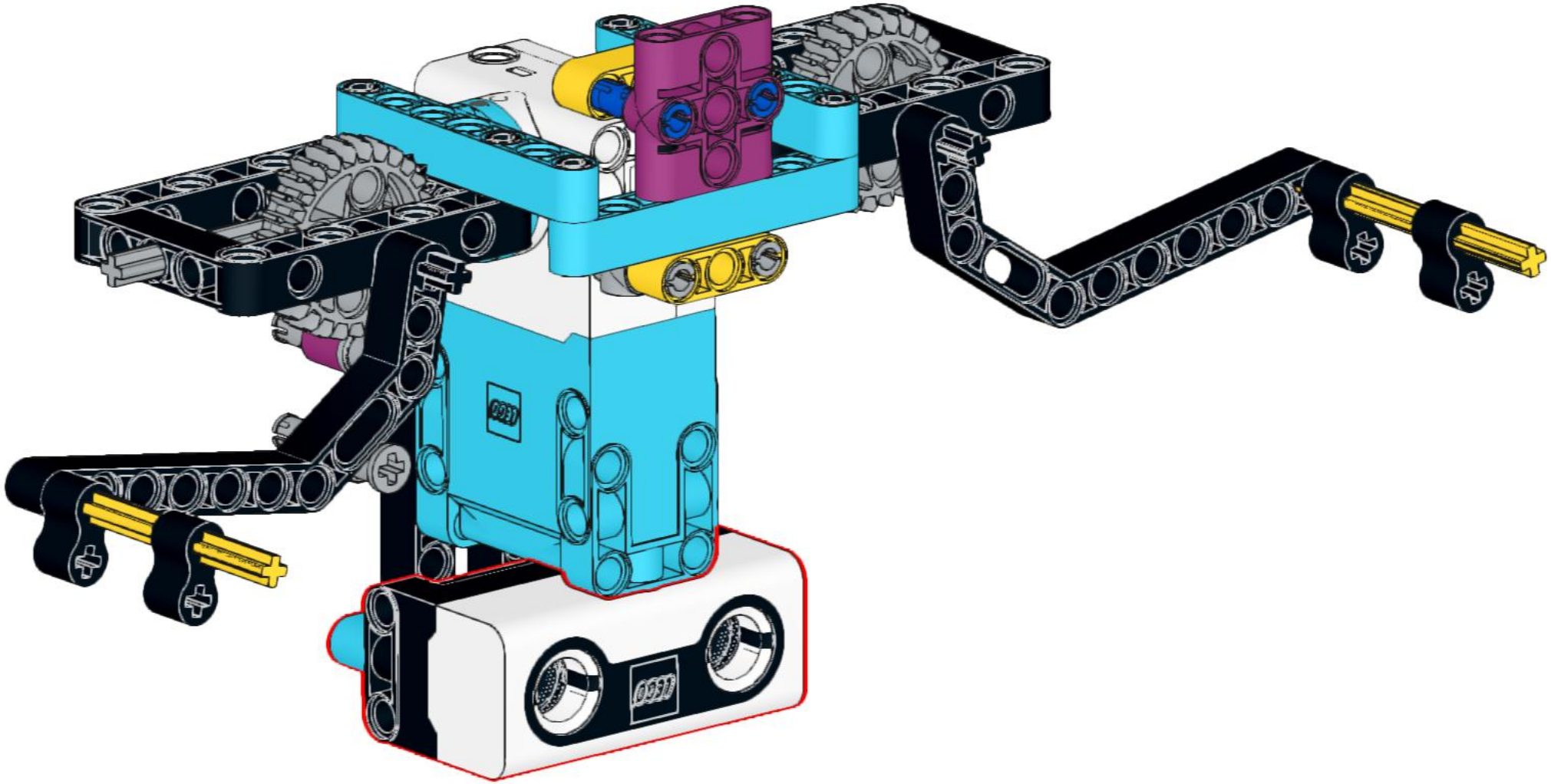
38





BRICKULUM

39



END OF ULTRASONIC SENSOR

BRICKULUM

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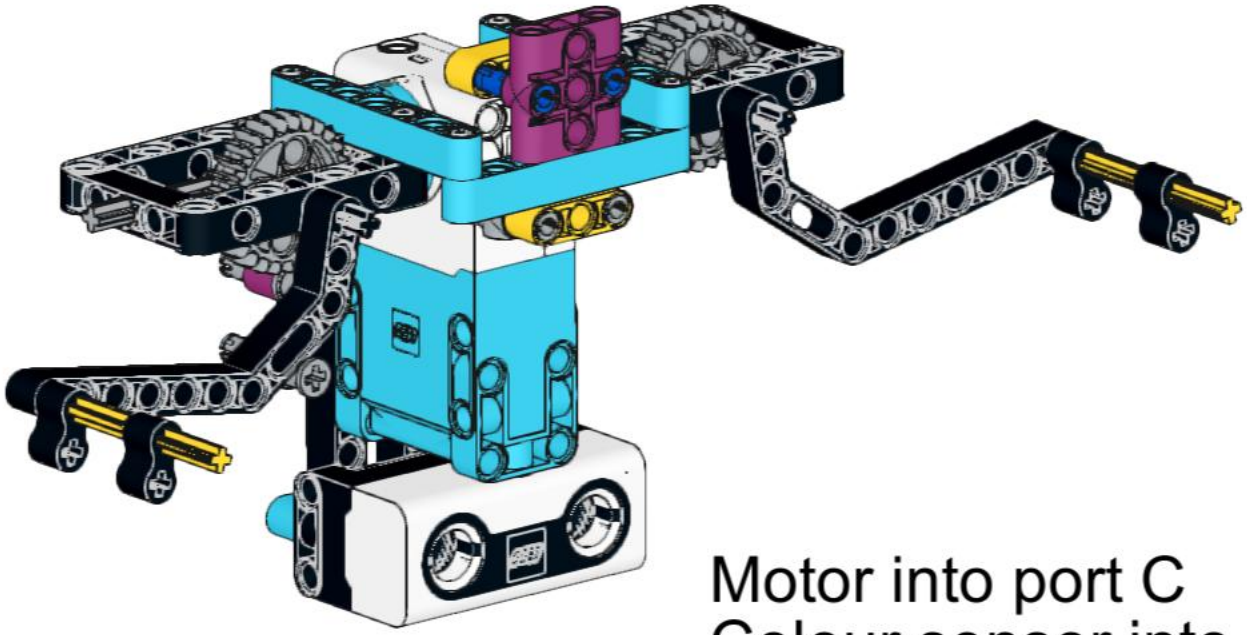

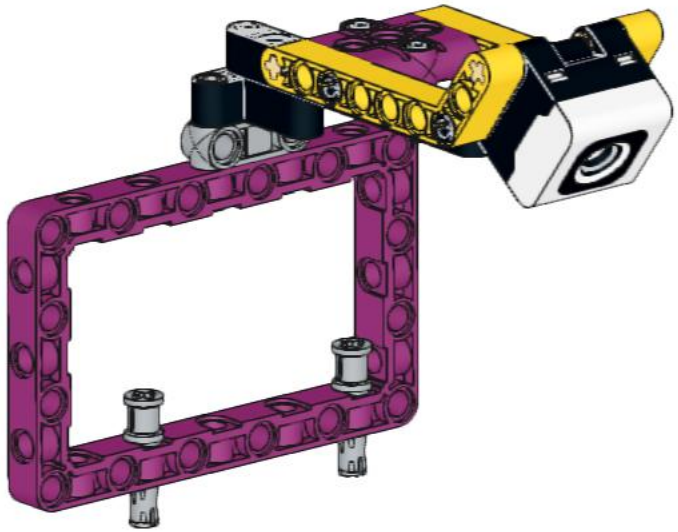

Motor into port C
Colour sensor into port E
Ultrasonic sensor into port F

BRICKULUM