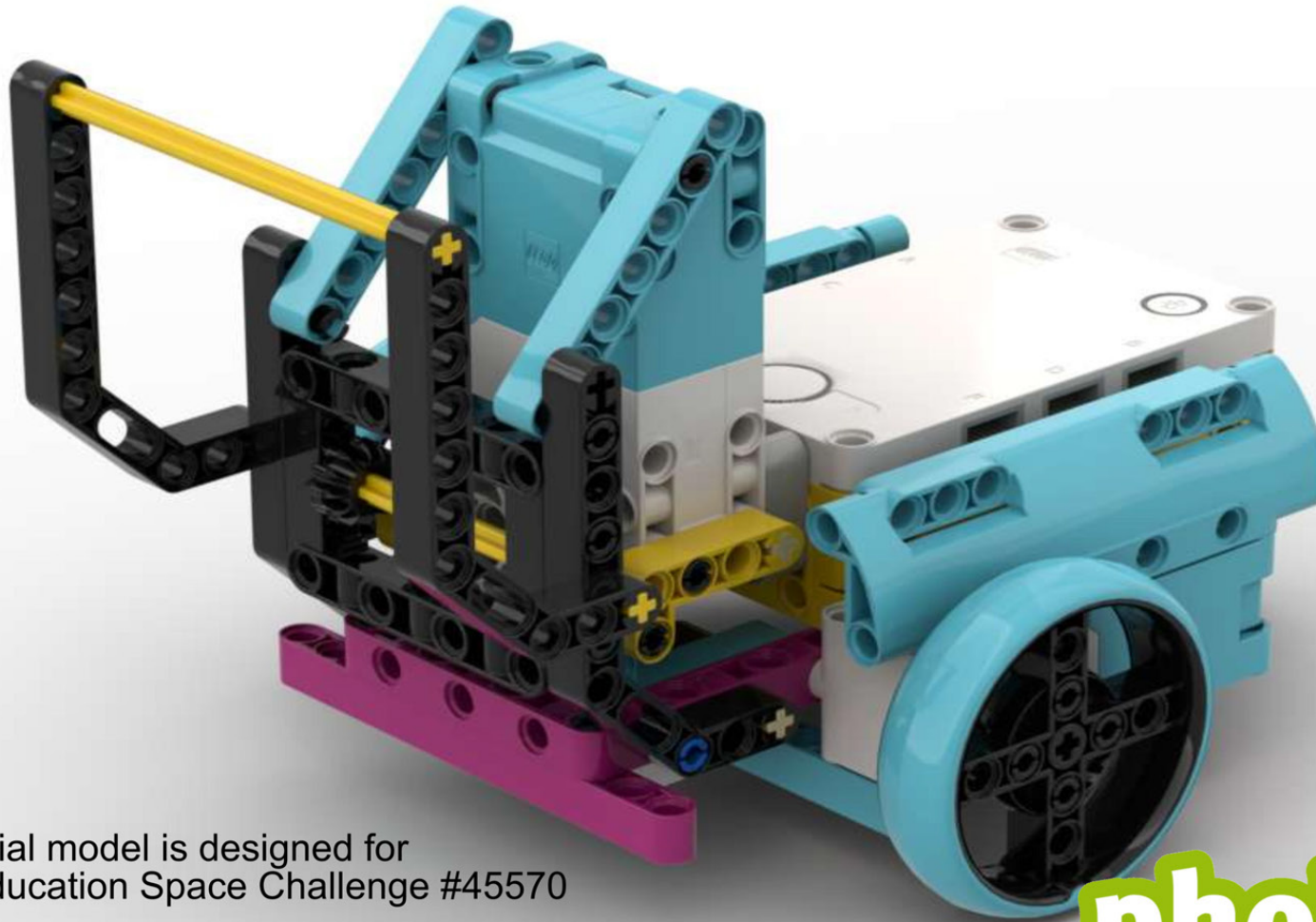


# SpaceSPIKE



Frank Ellerkamp  
<https://phobricks.ch>

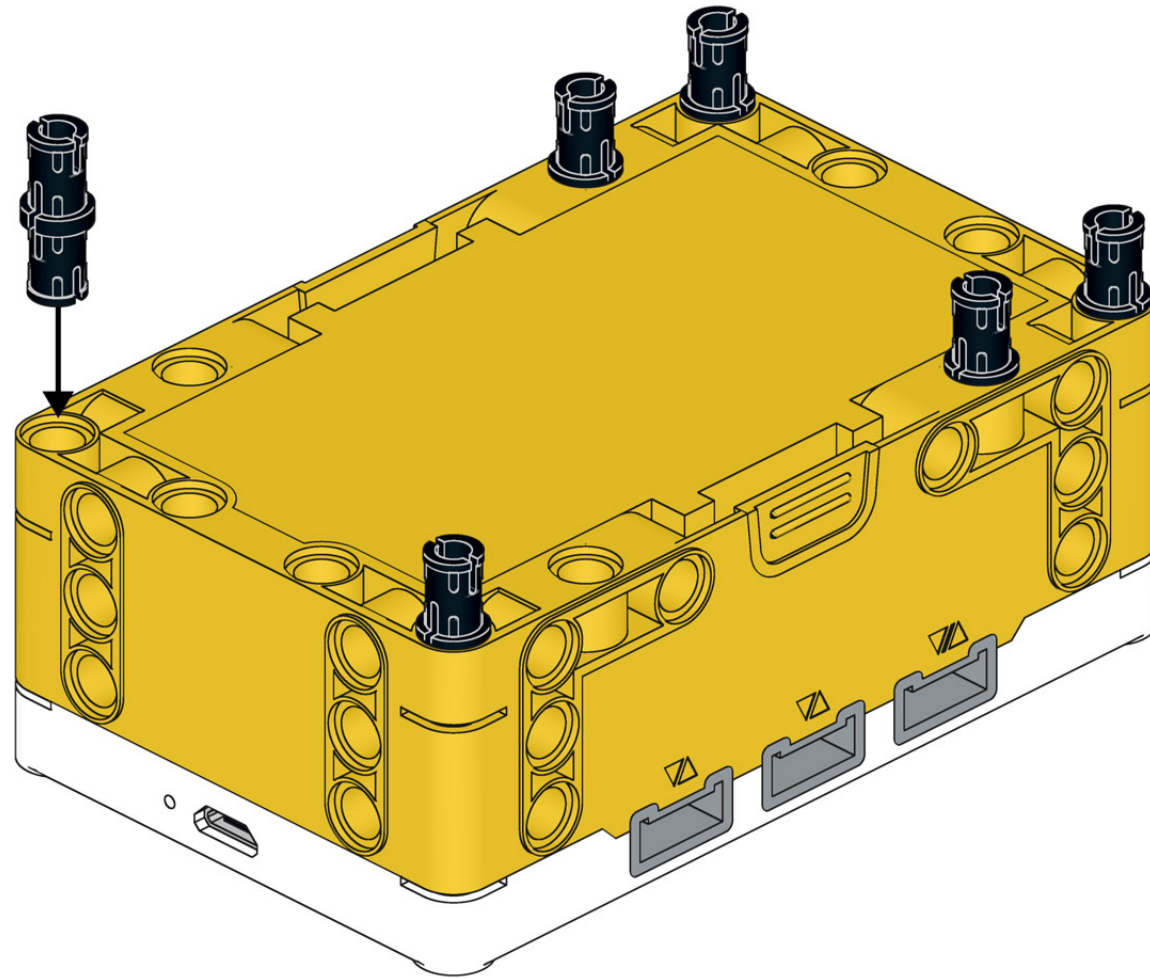
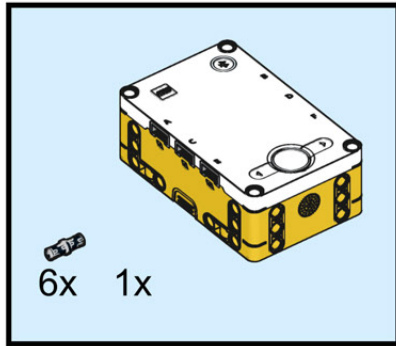
This unofficial model is designed for  
LEGO® Education Space Challenge #45570

Lesson plan (EV3):  
<https://education.lego.com/en-us/lessons/ev3-space-challenge>

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LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorize or endorse this building instruction.

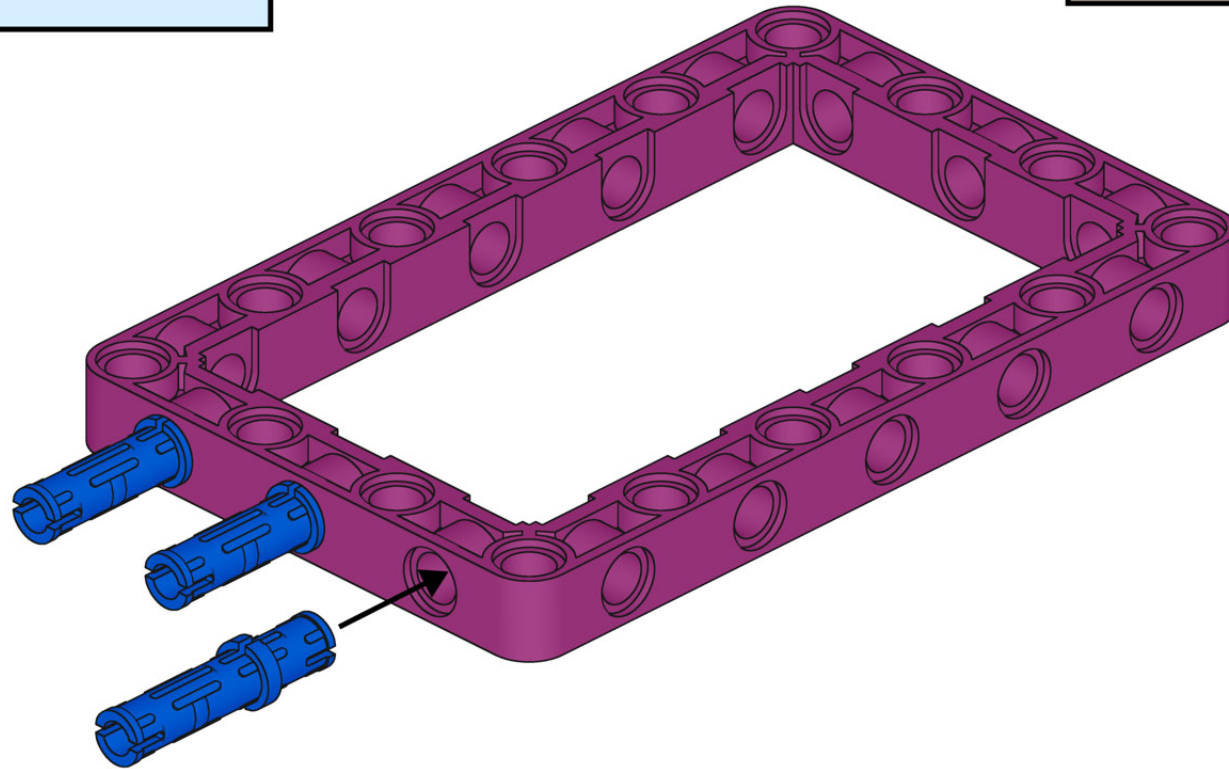
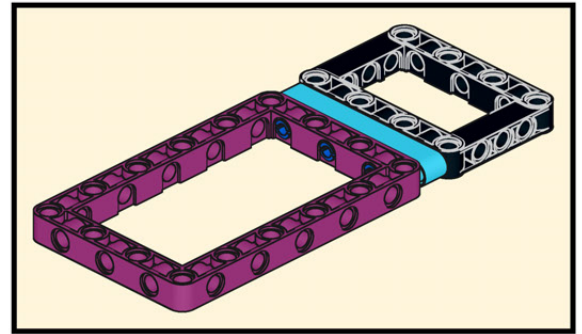
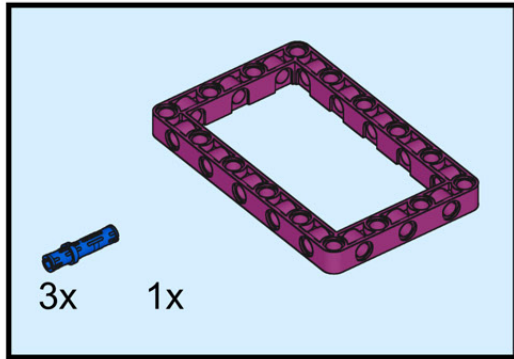
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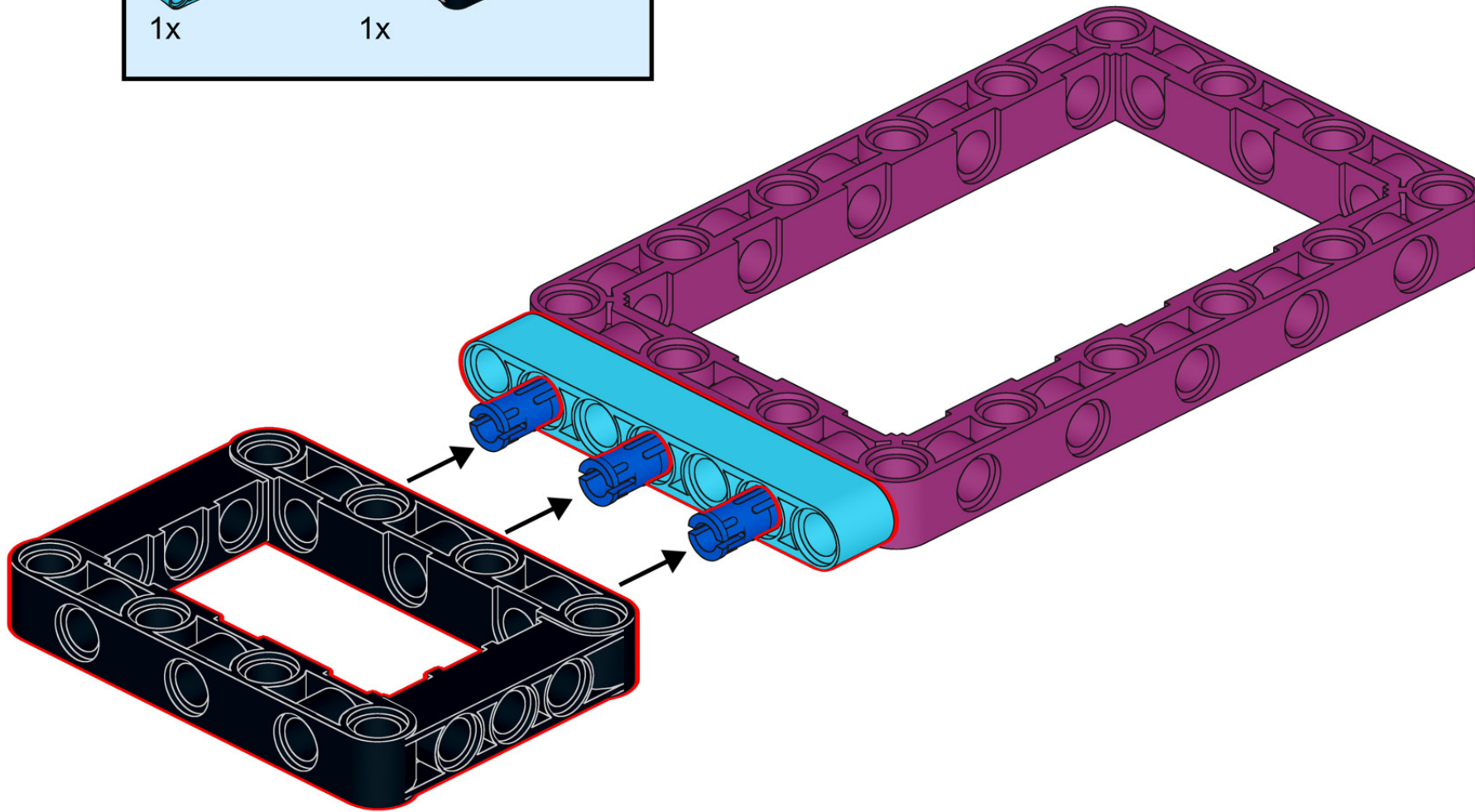
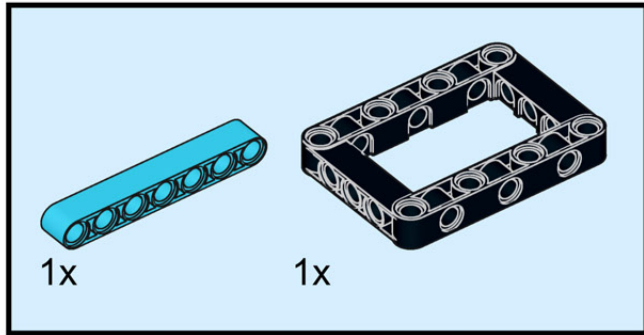
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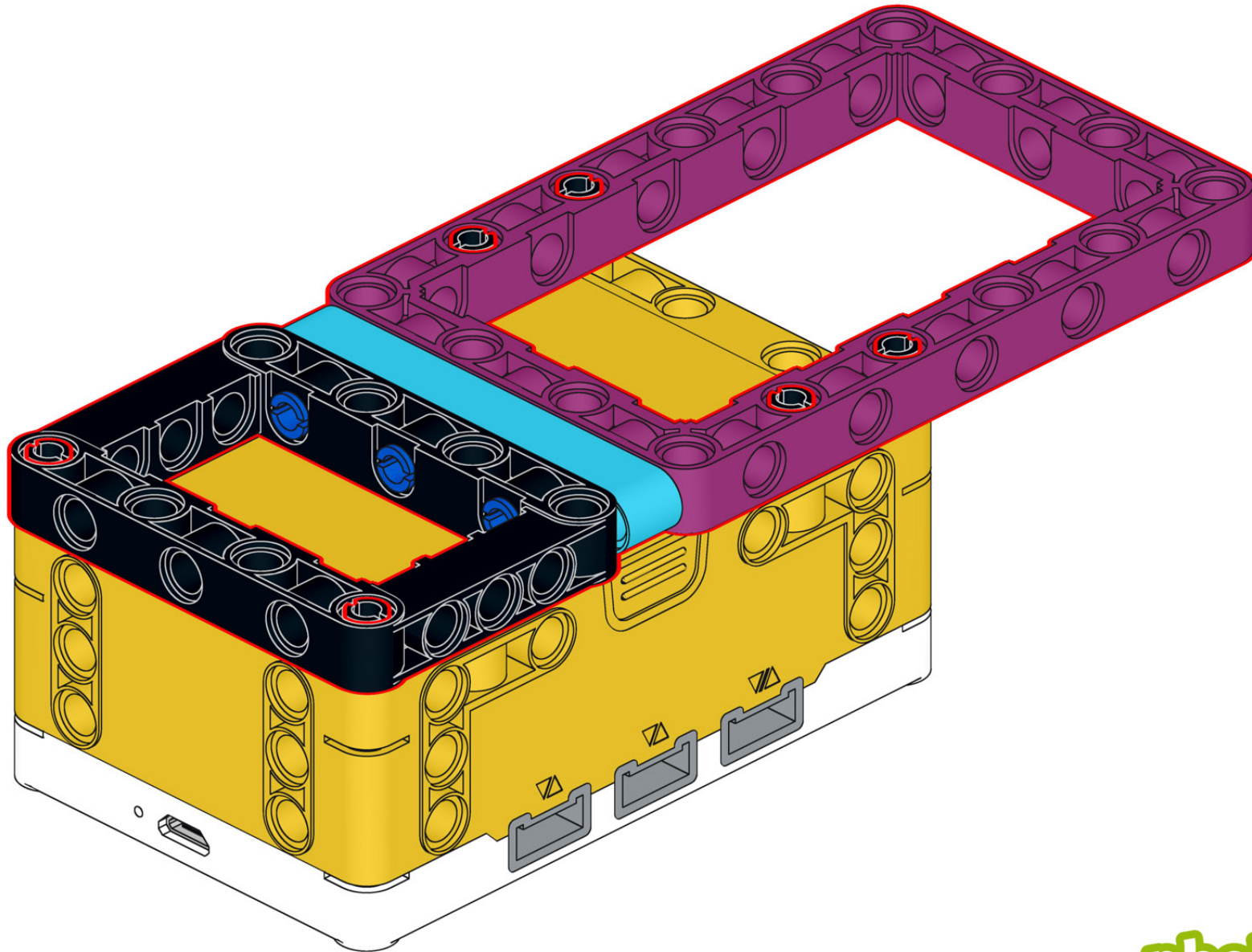
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3

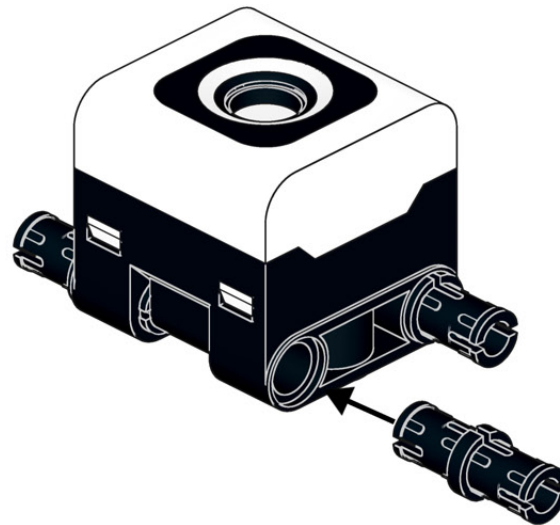
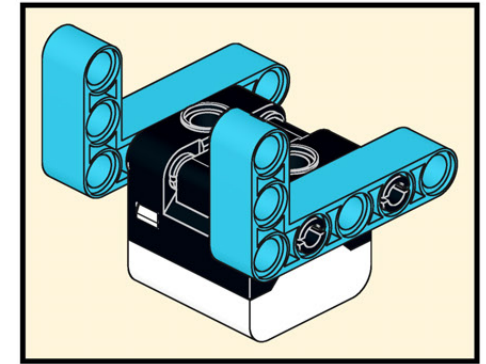
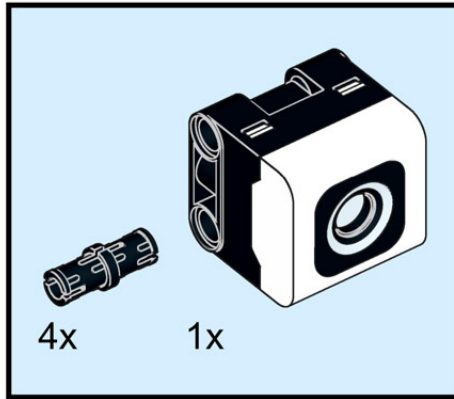


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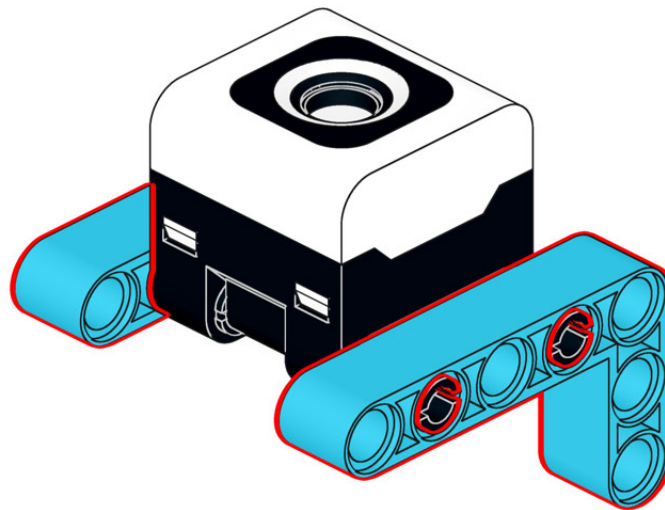
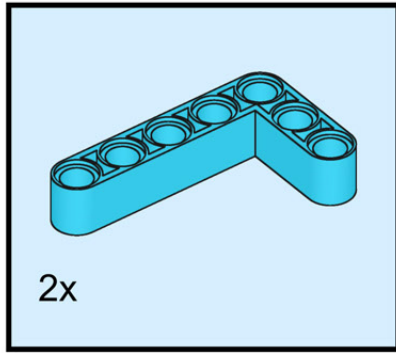


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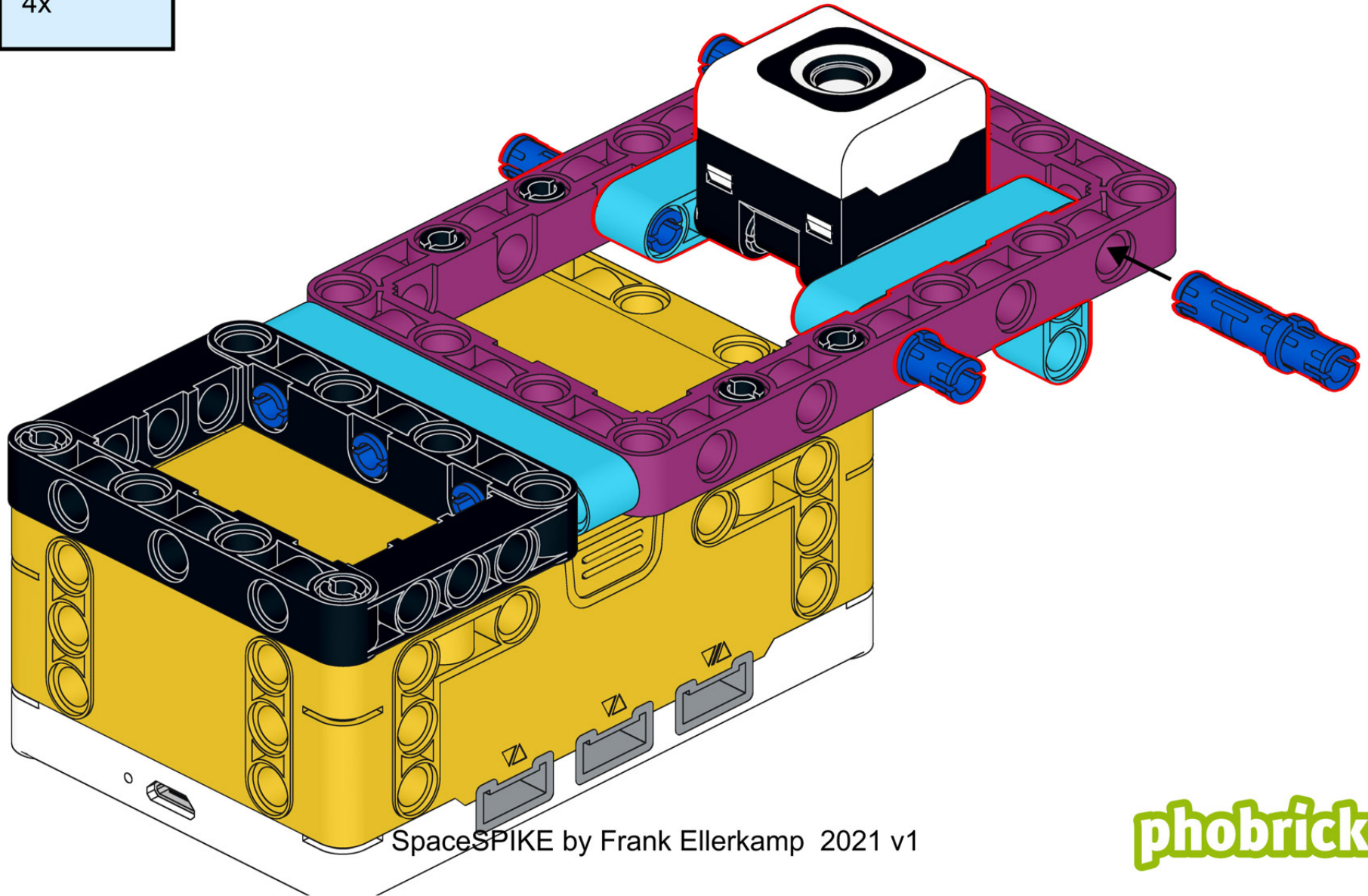
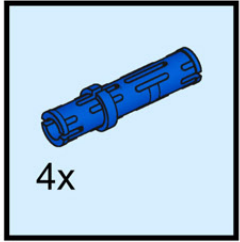
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6



7

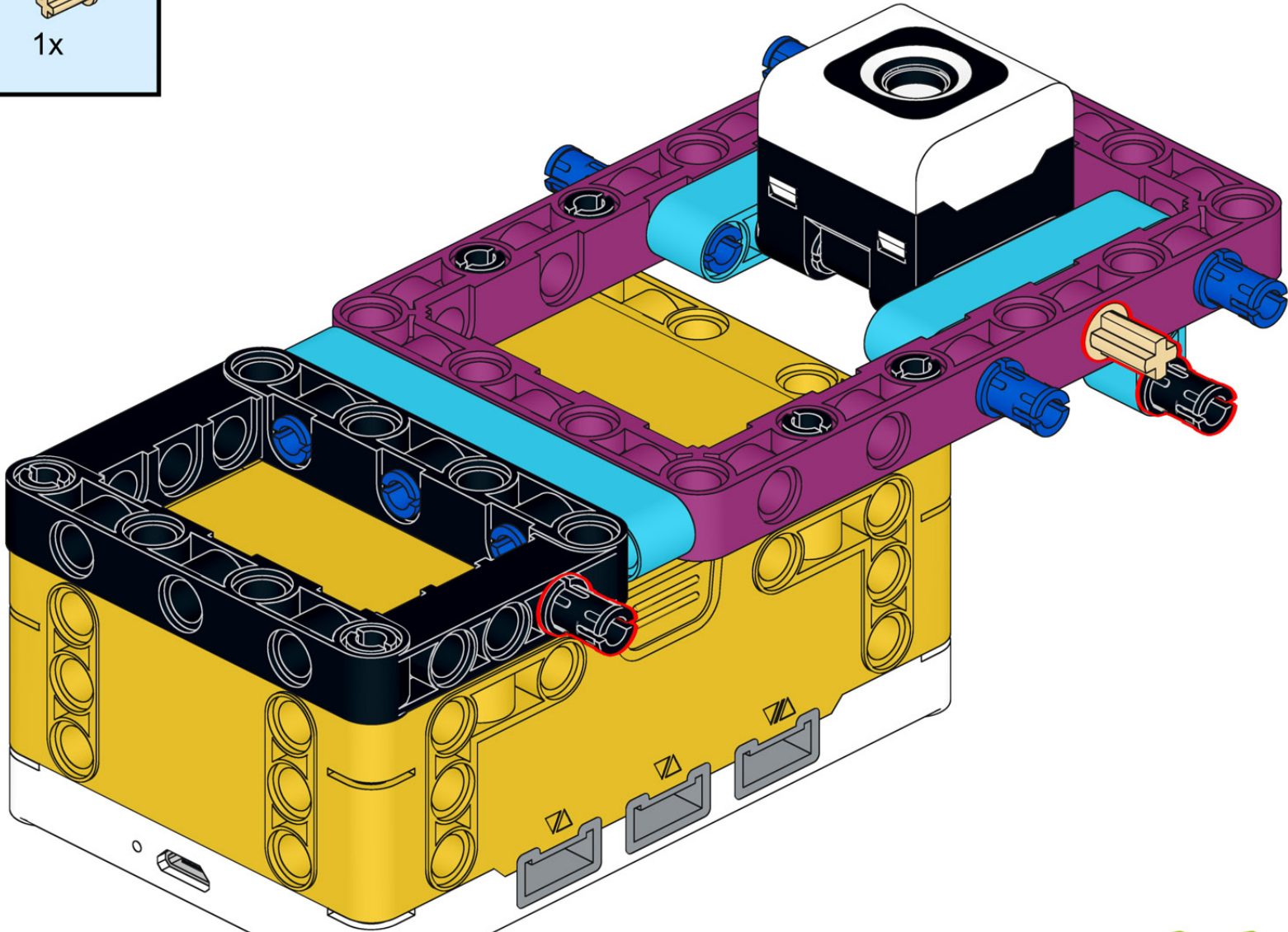
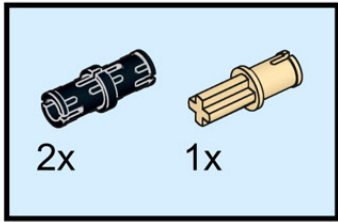


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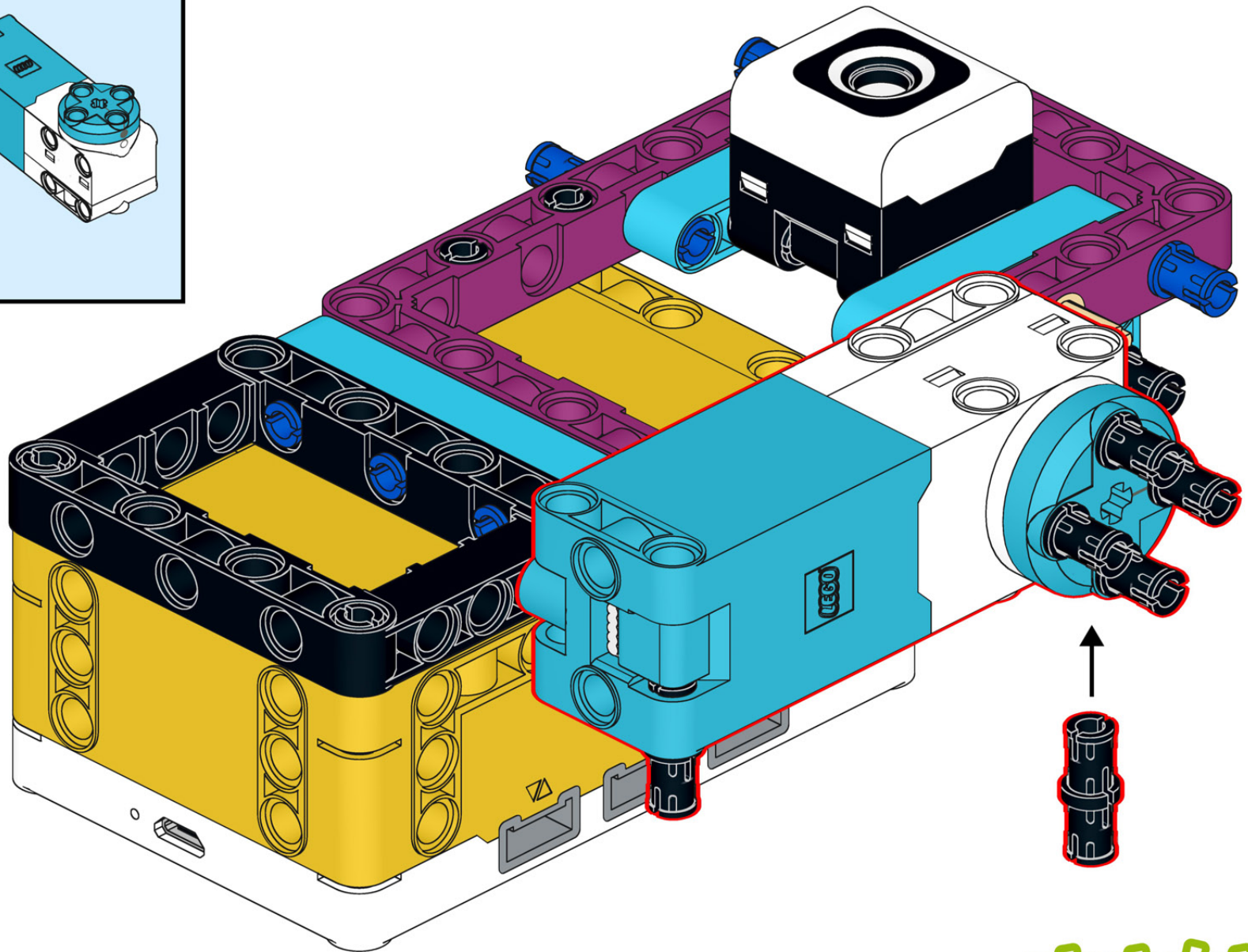
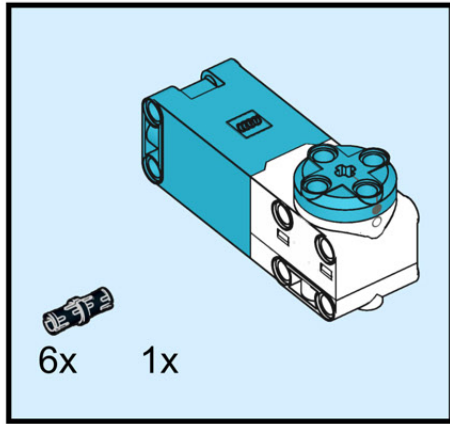
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8



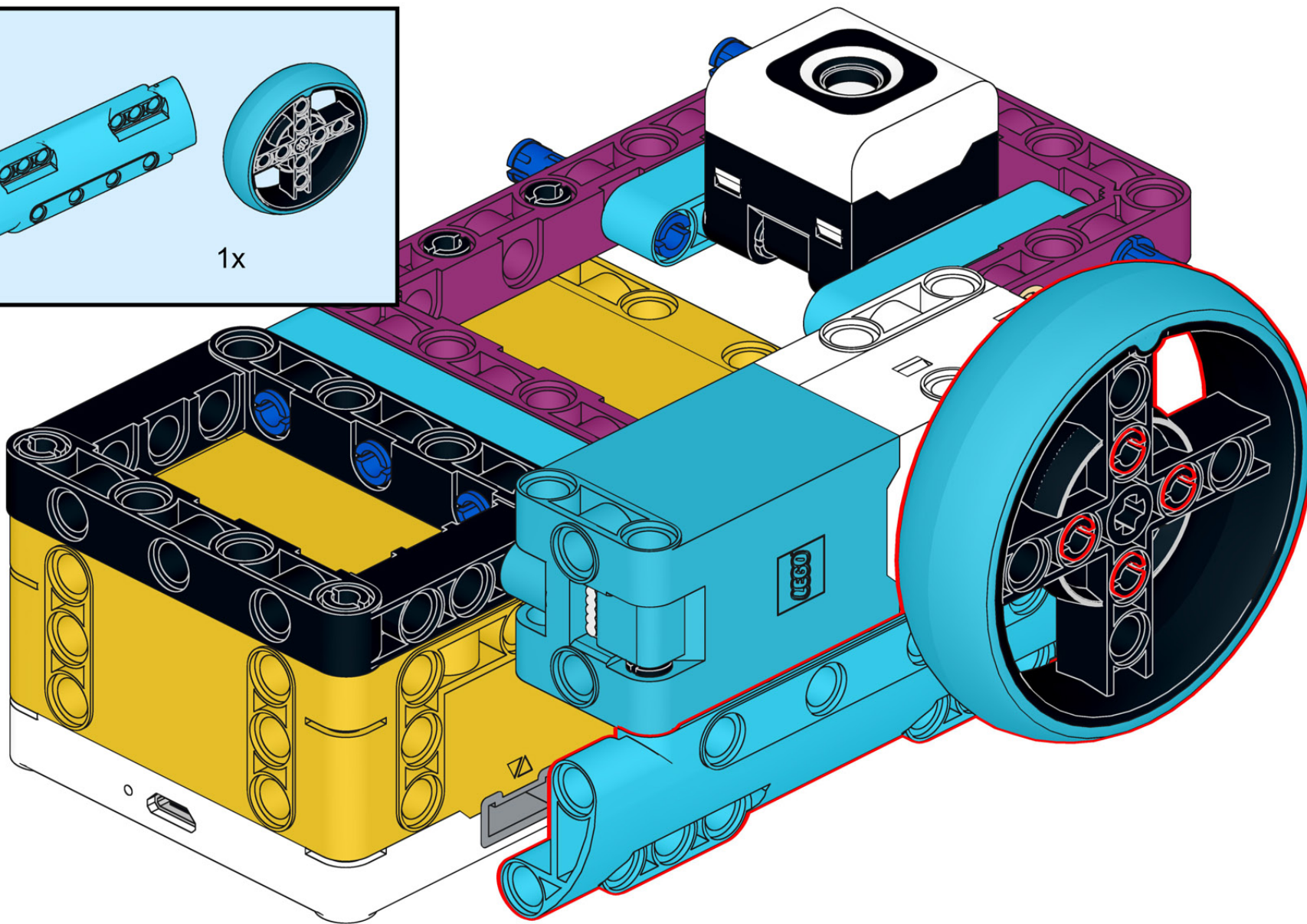
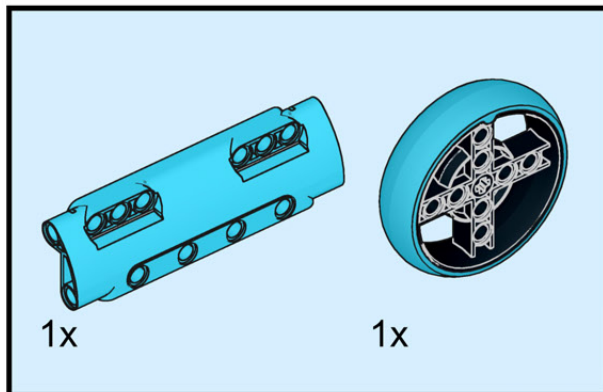
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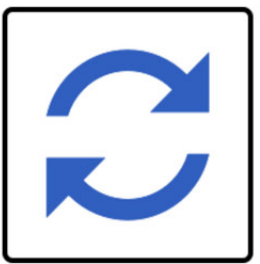
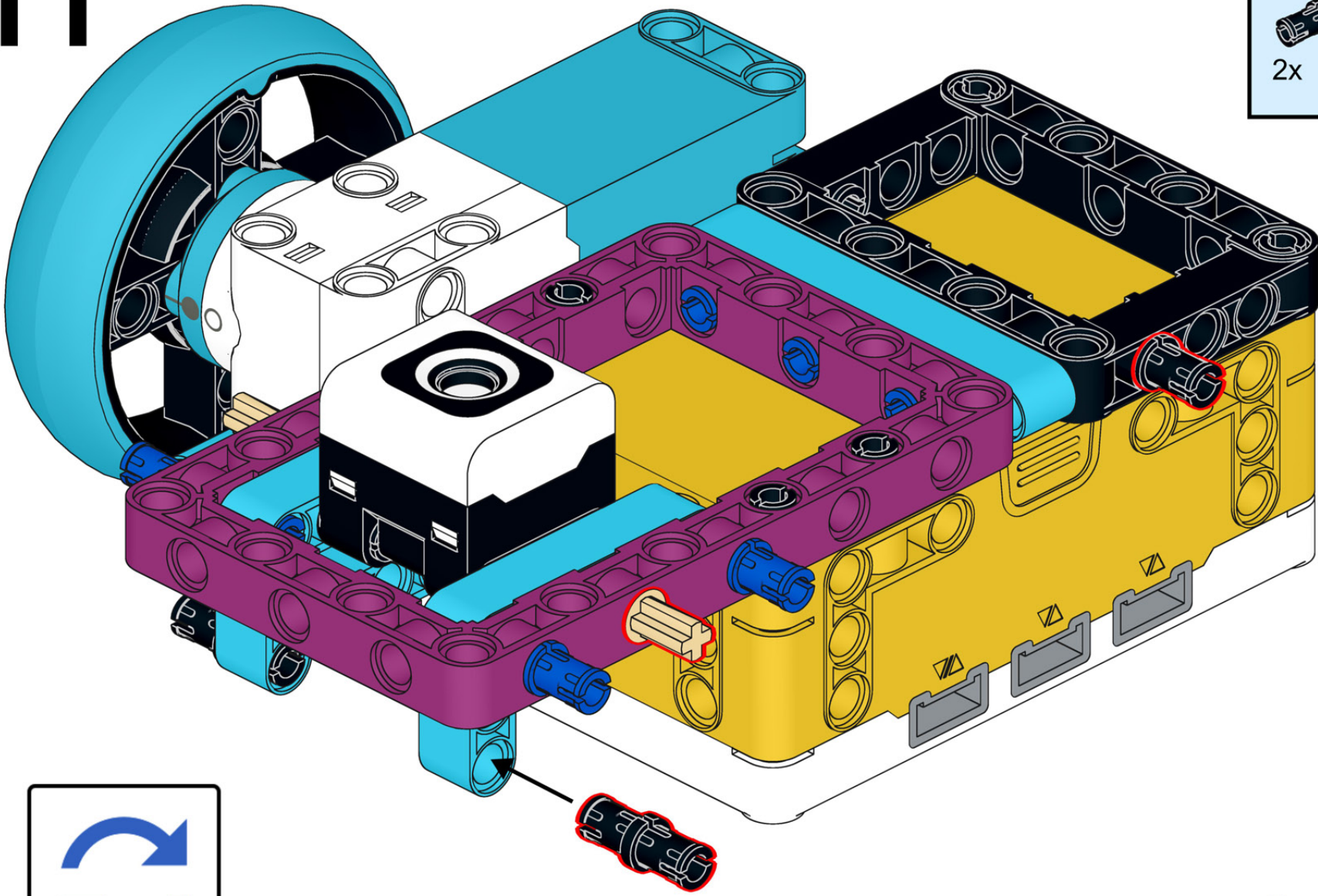
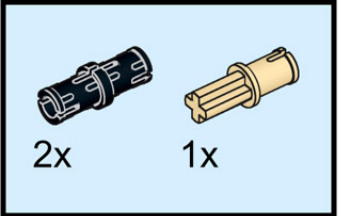
# 10



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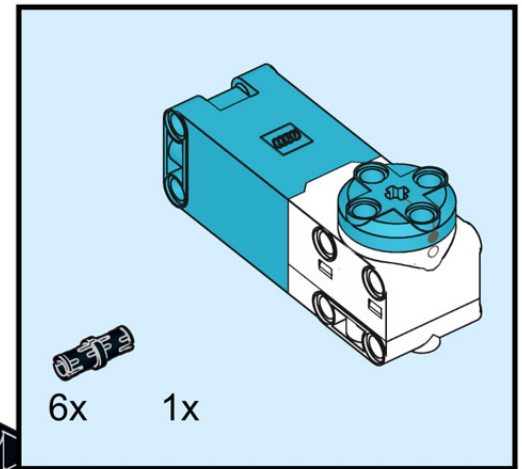
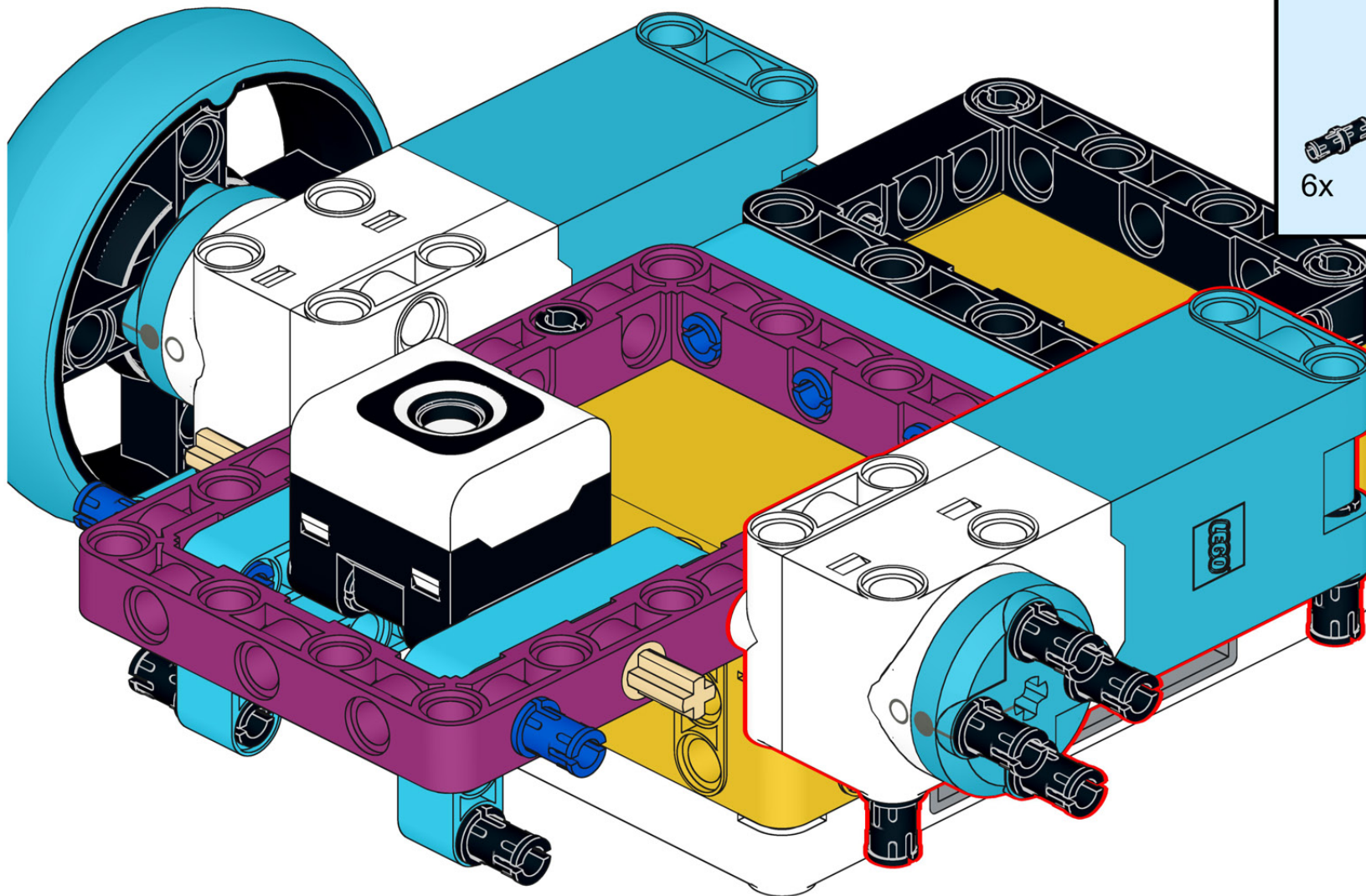
# 11



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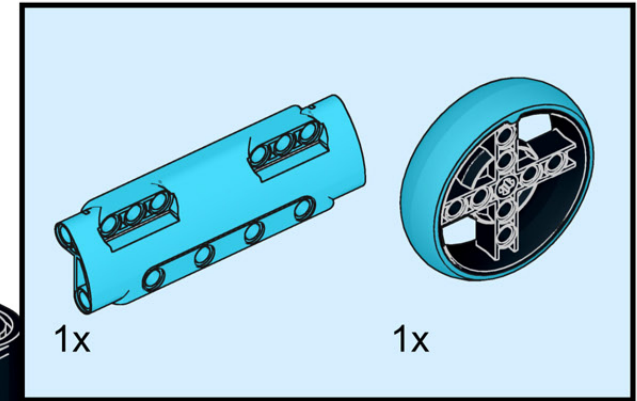
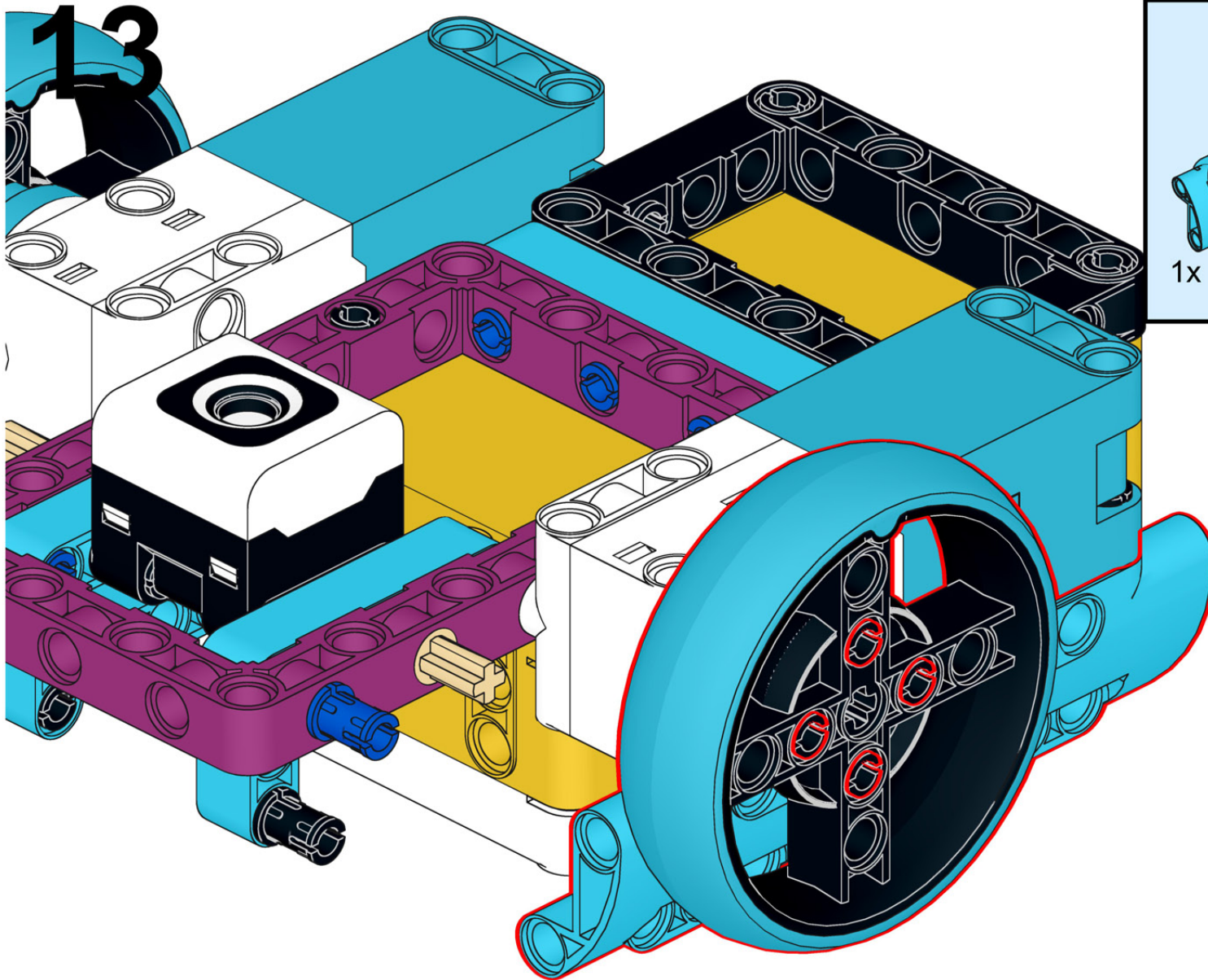
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# 12



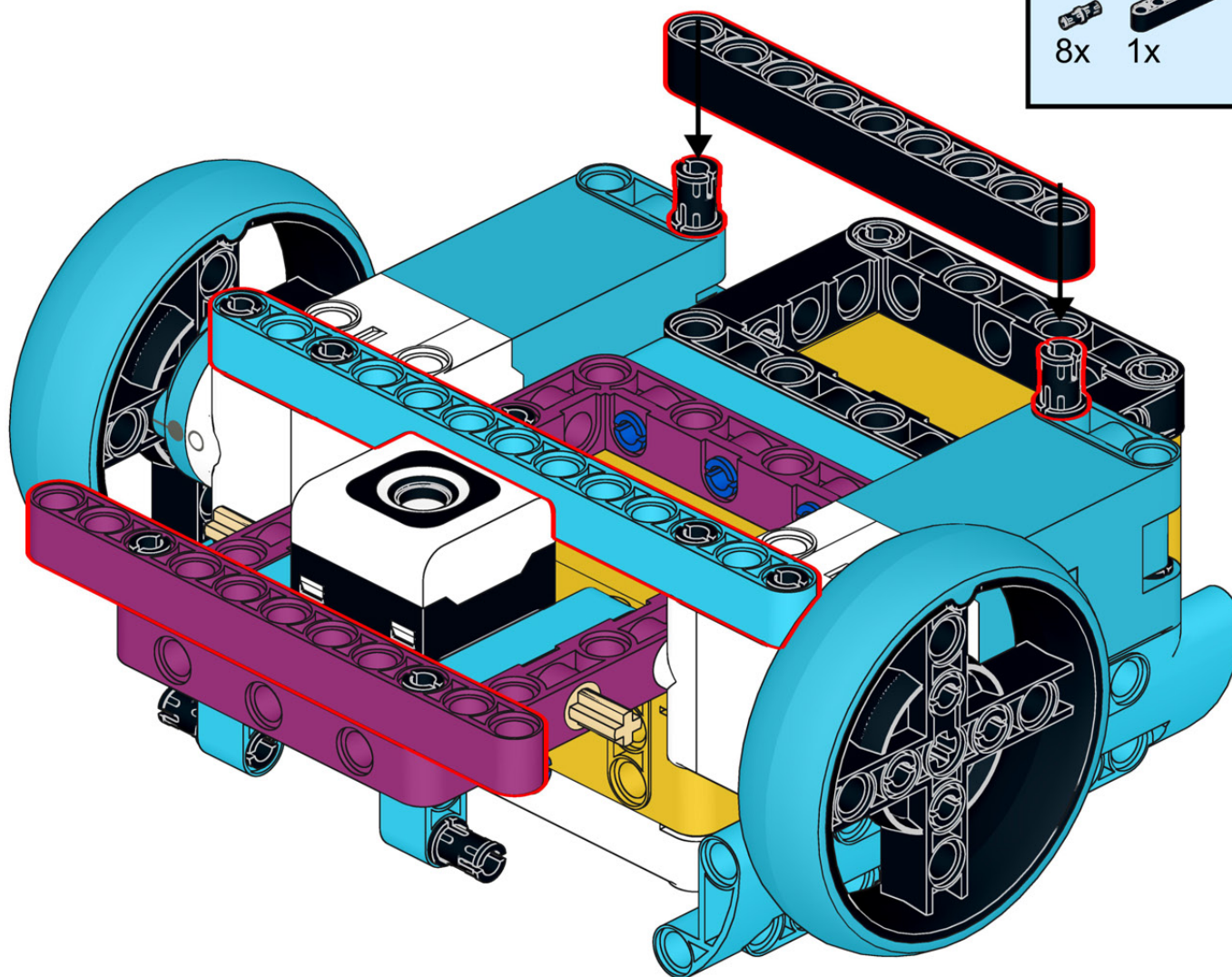
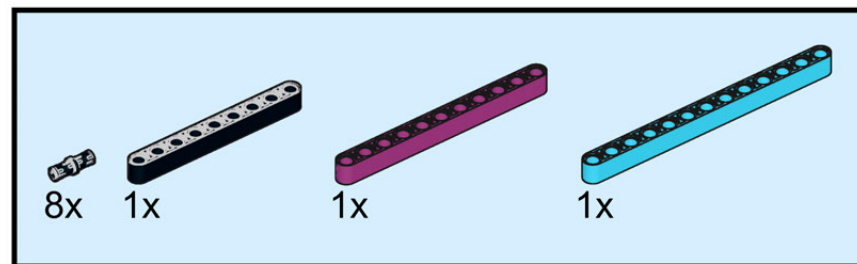
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SpaceSPIKE by Frank Ellerkamp 2021 v1

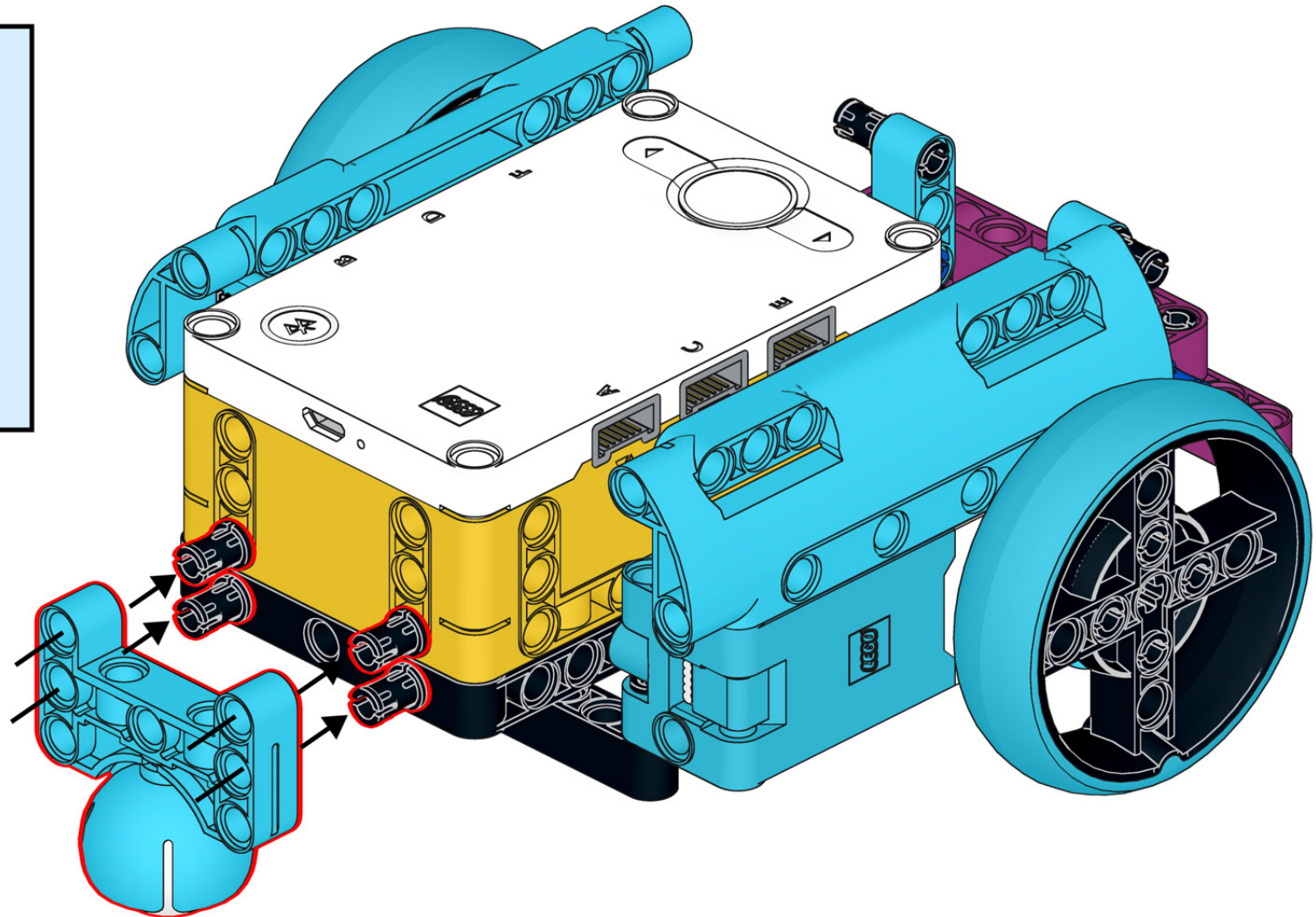
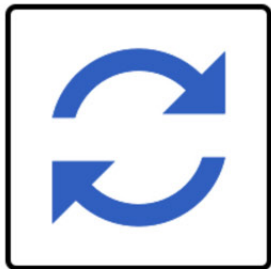
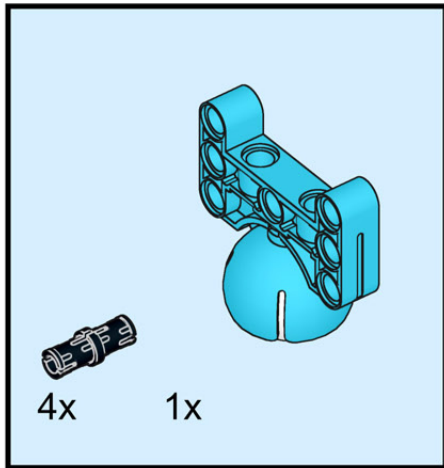
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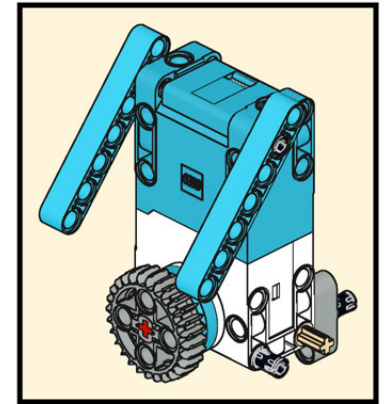
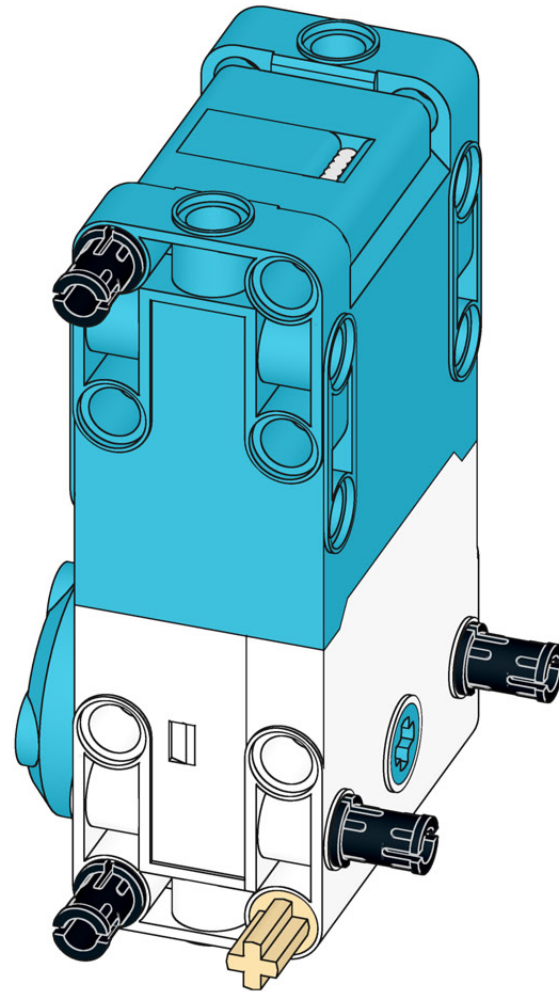
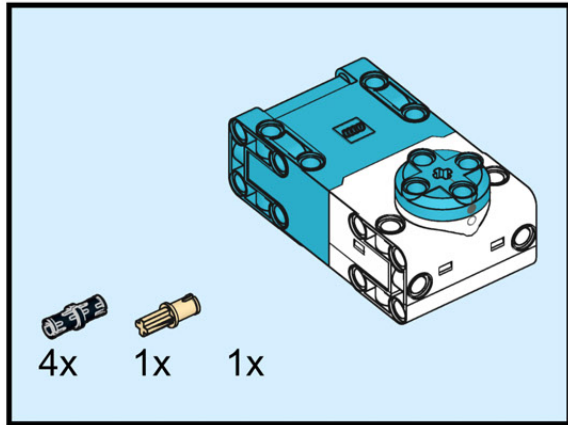
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# 15

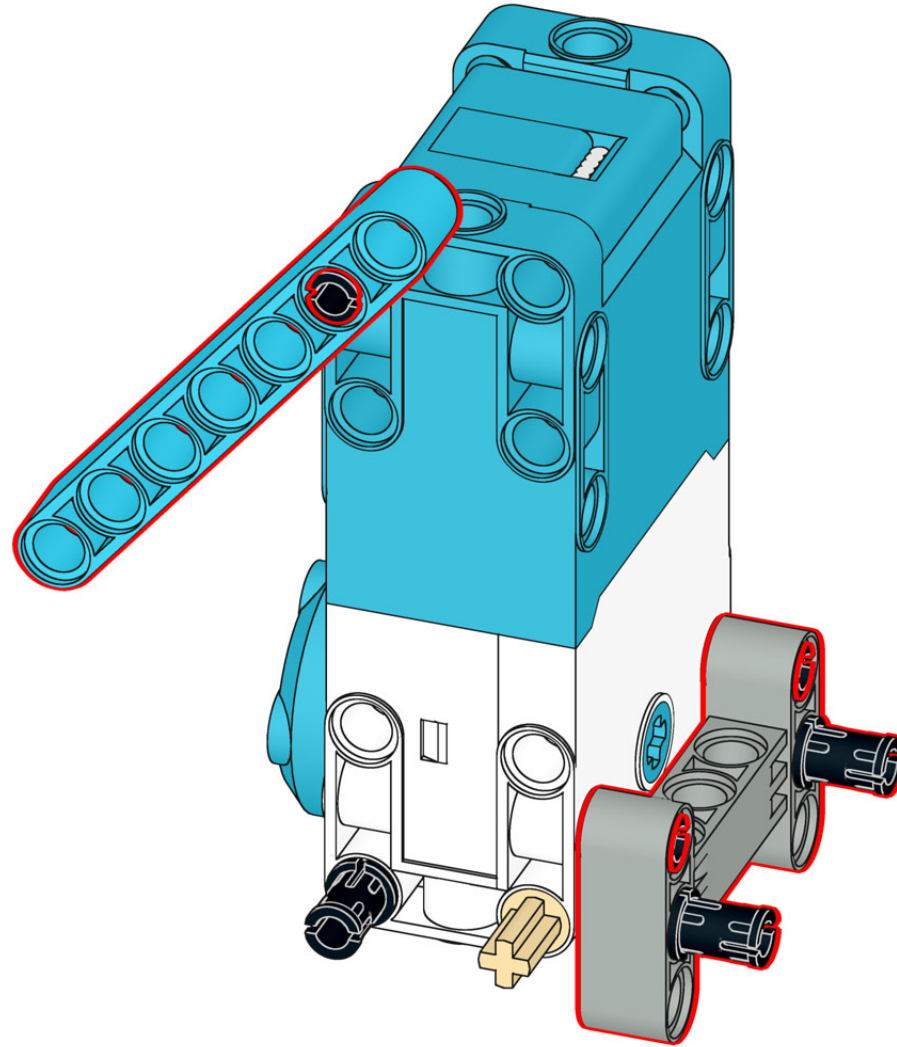
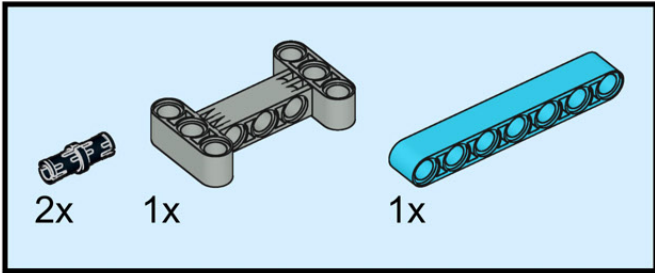




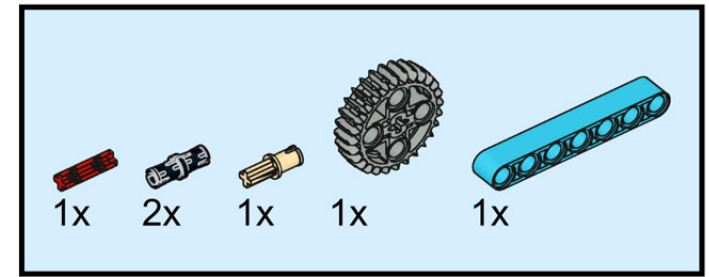
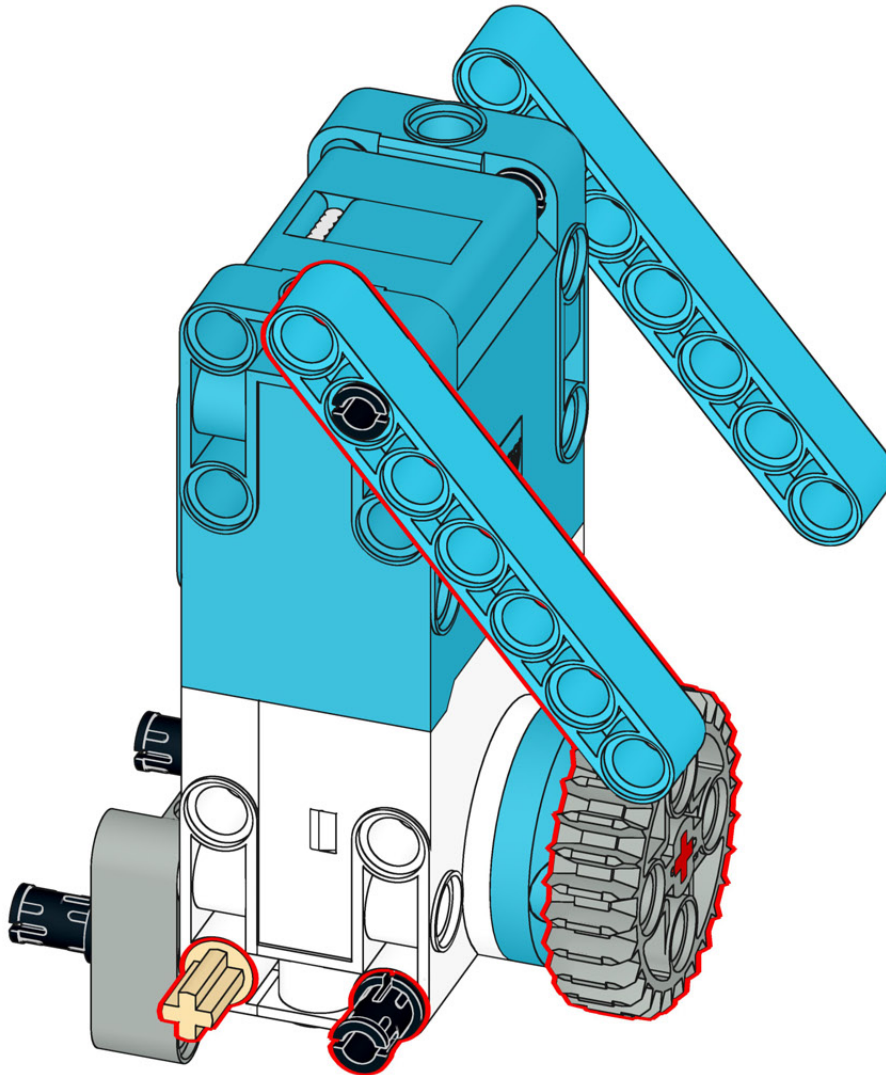
# 16



# 17



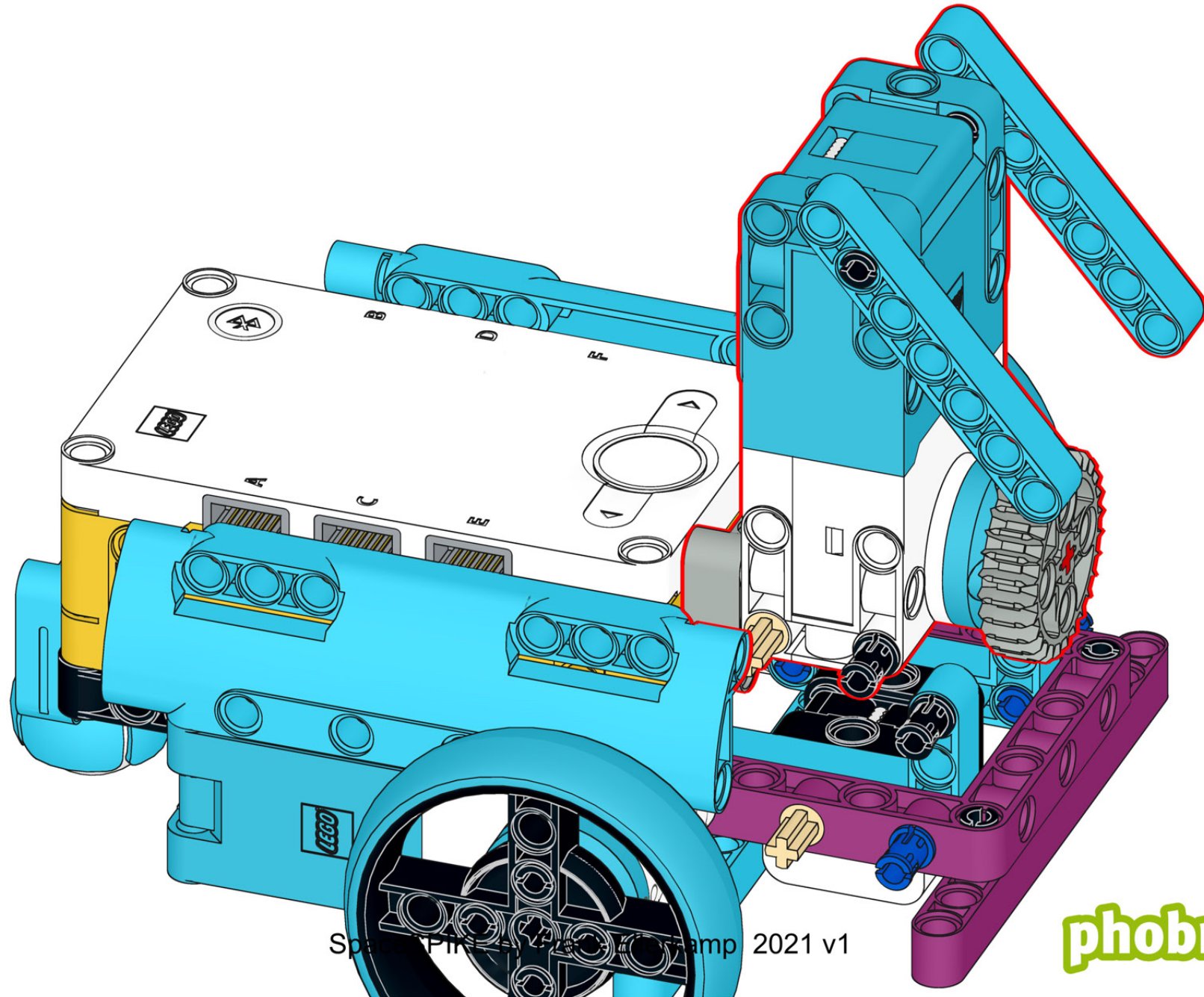
# 18



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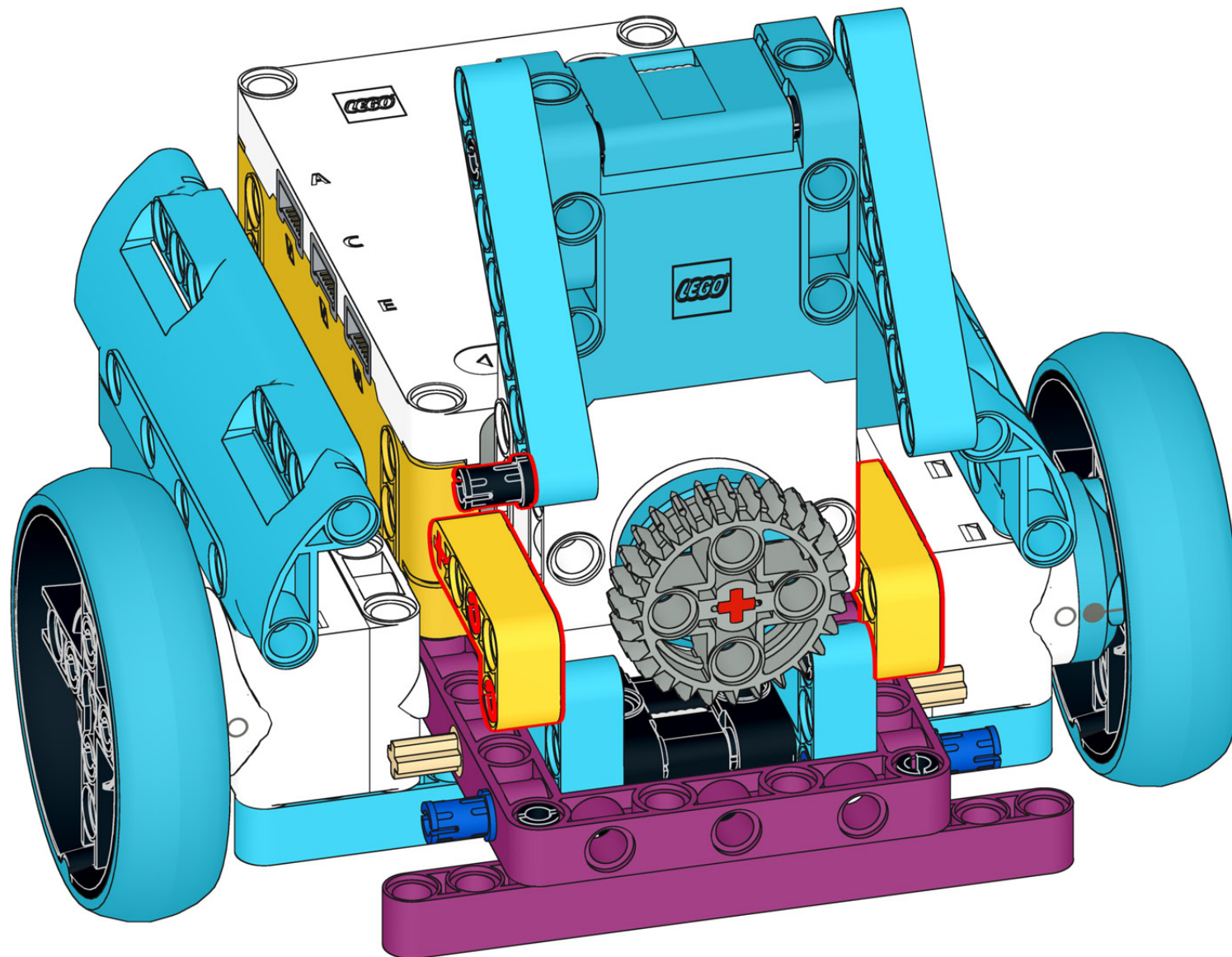
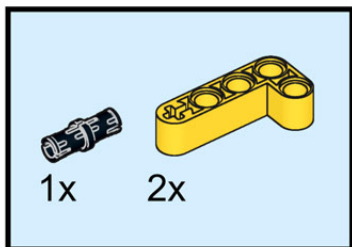
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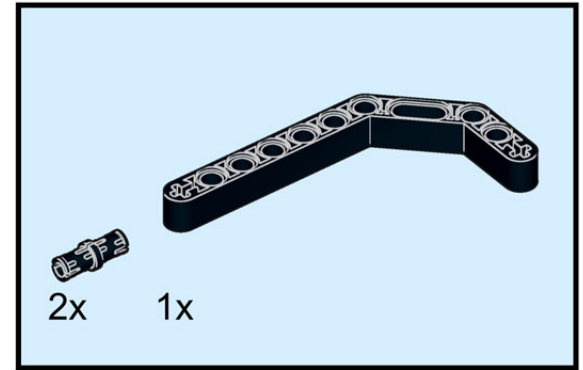
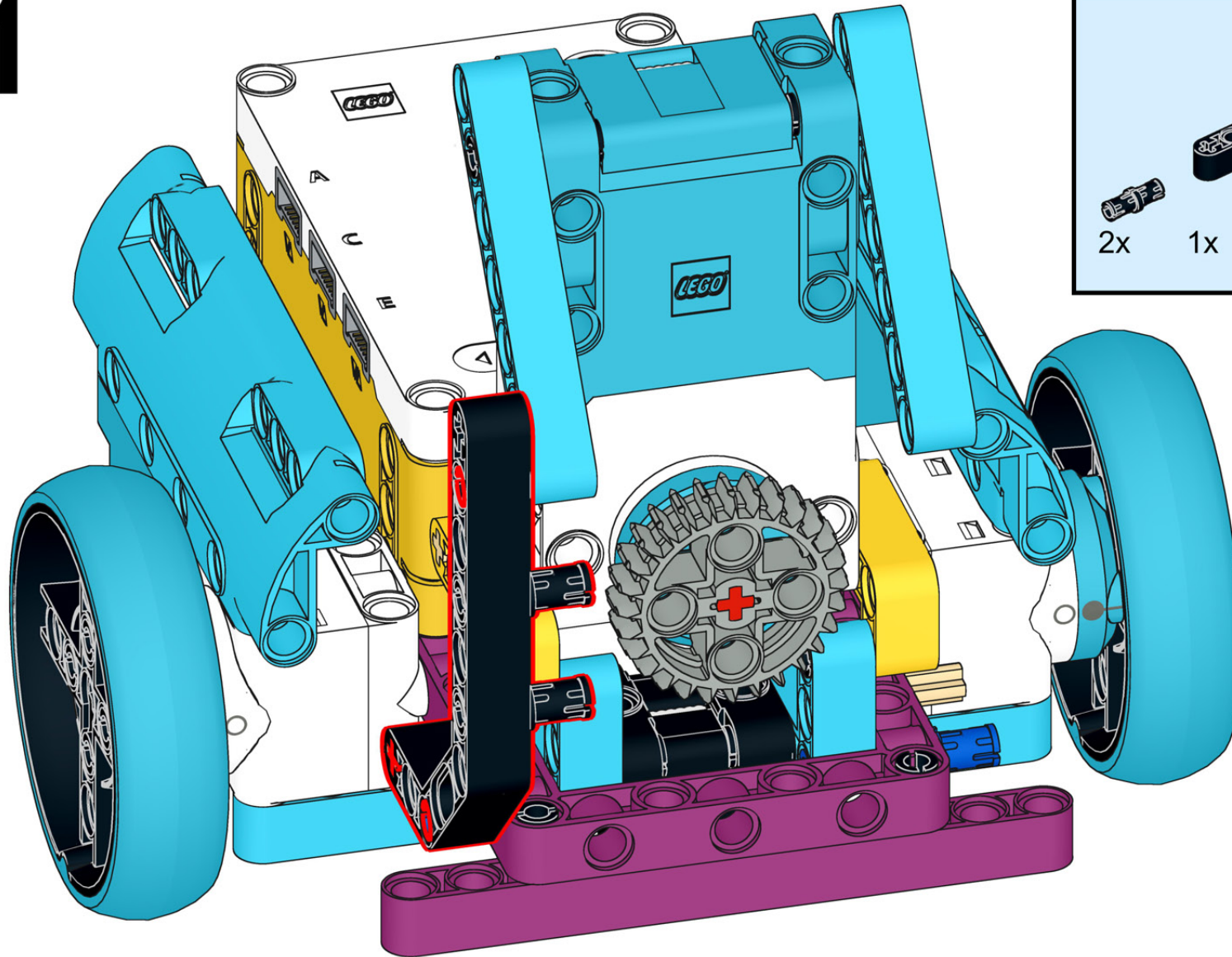
Source: Phobrick's LEGO Technic Ramp 2021 v1

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# 20



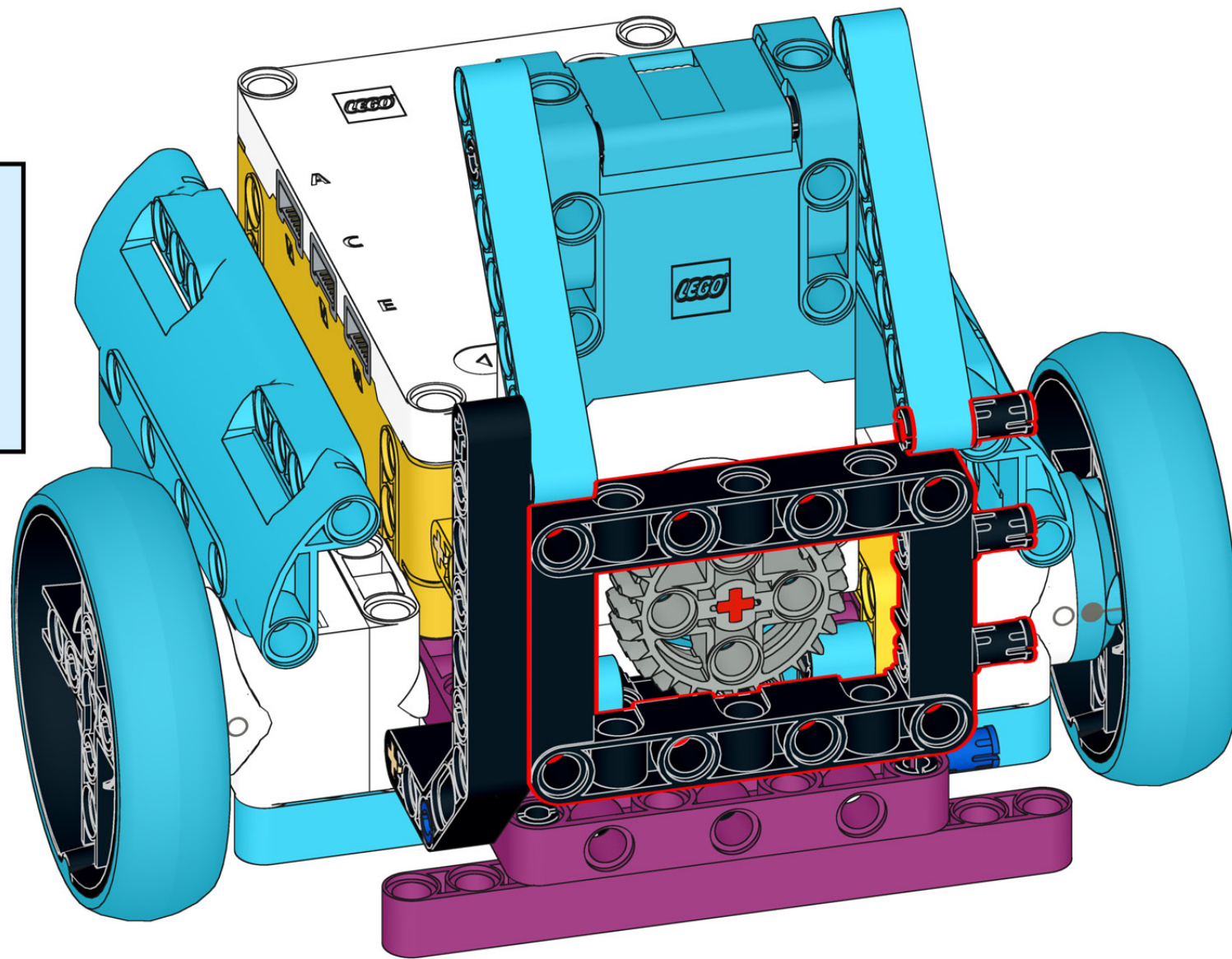
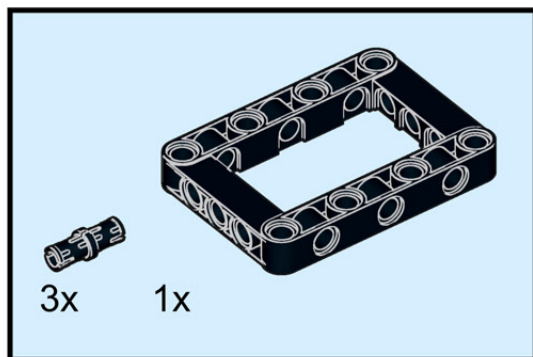
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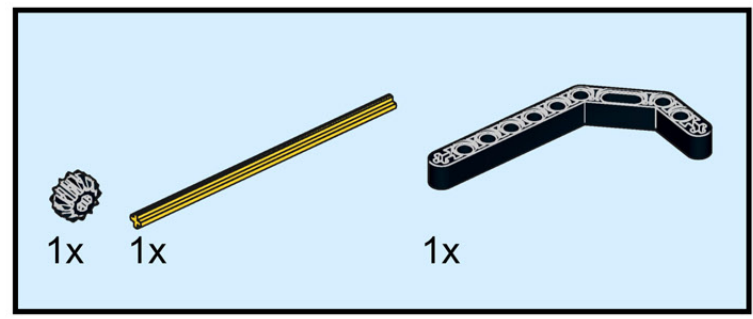
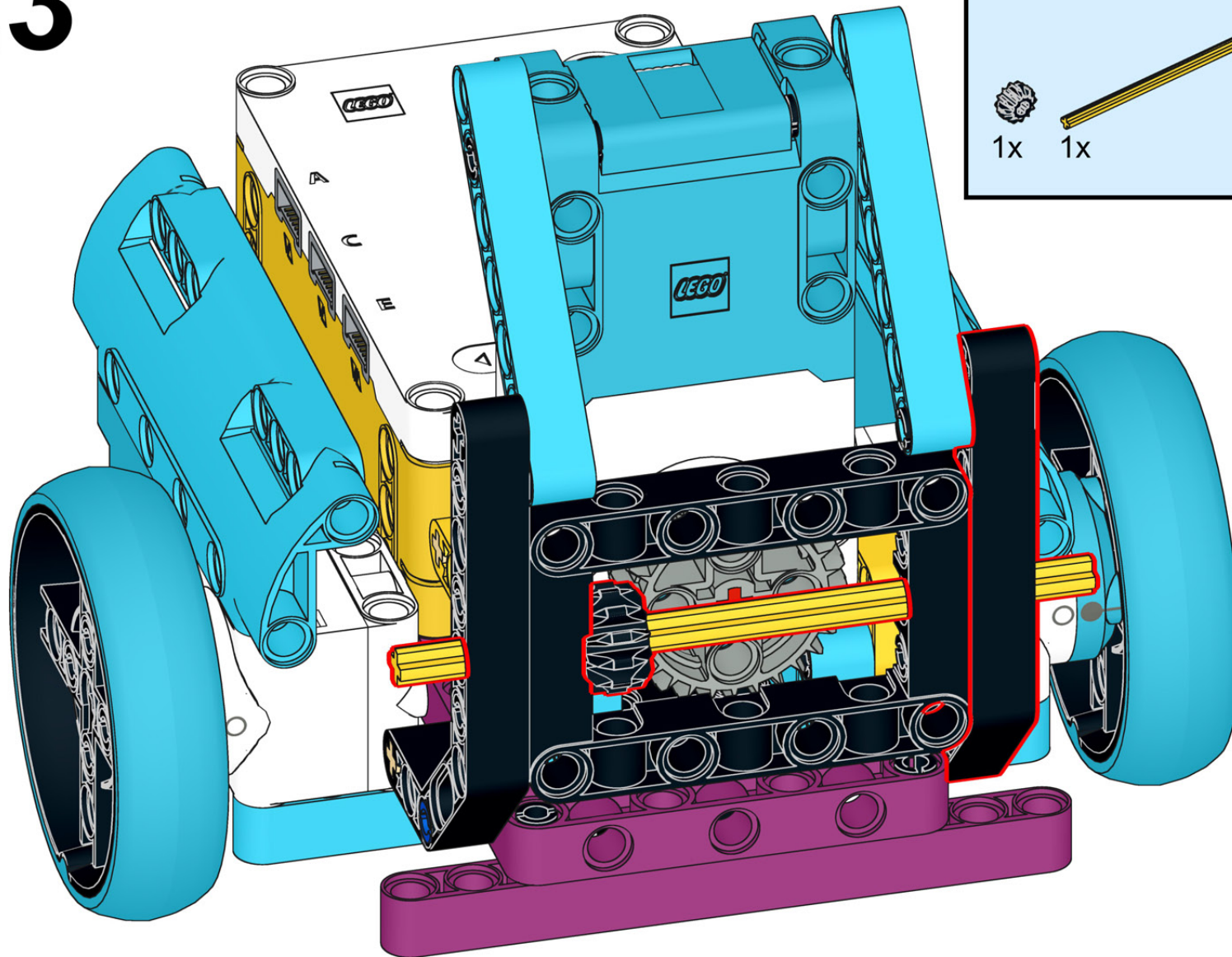
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# 22



# 23

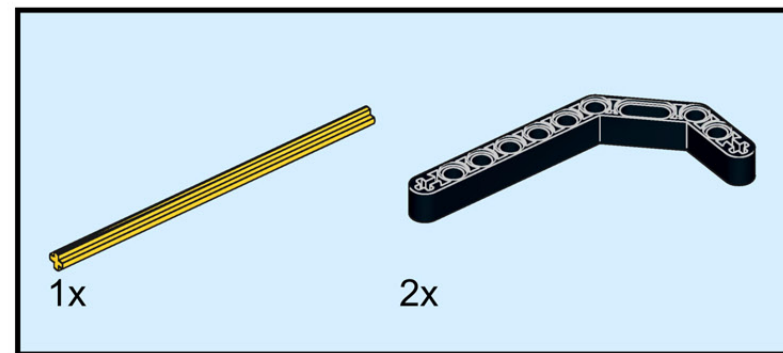
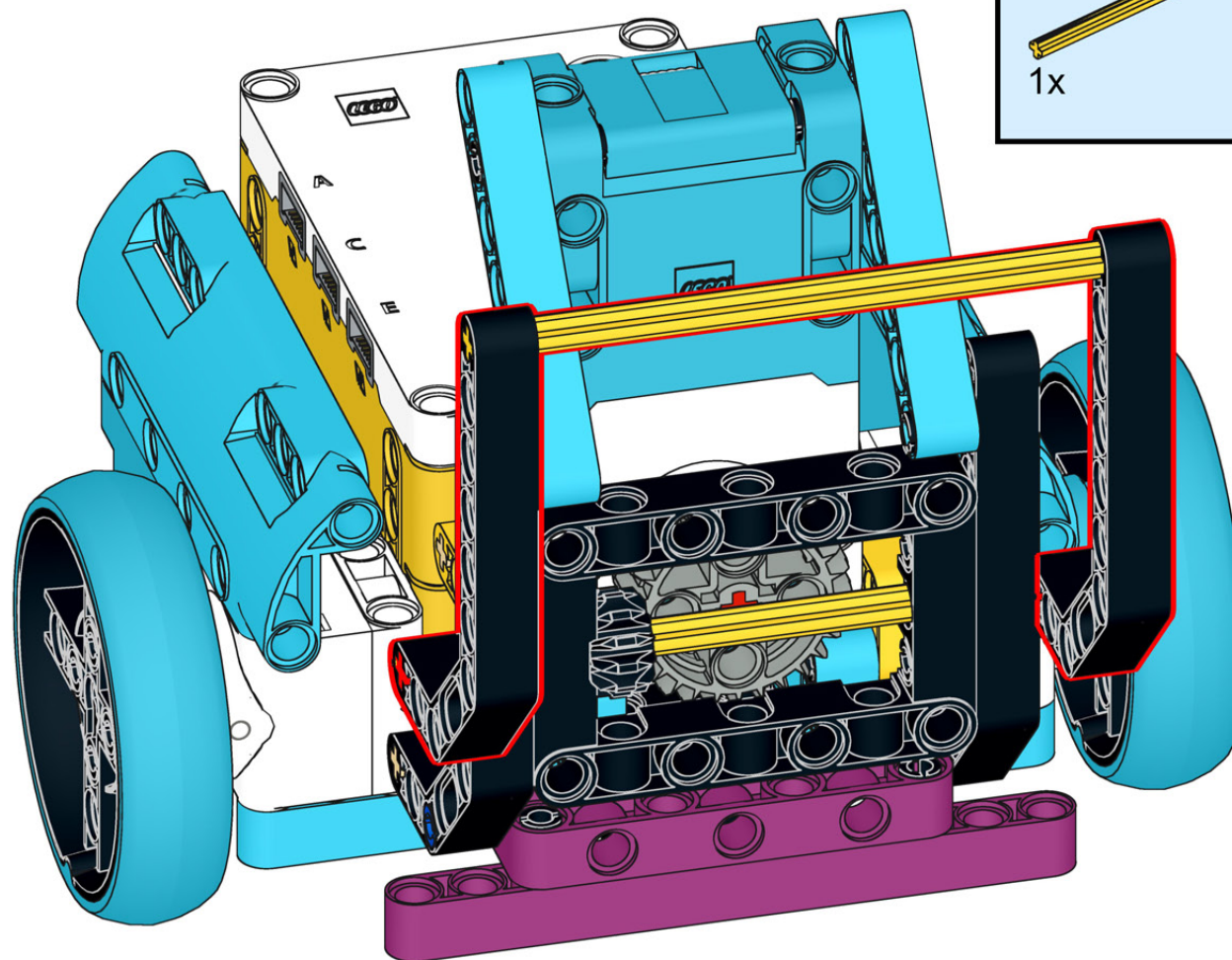


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# 24

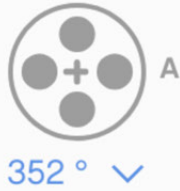


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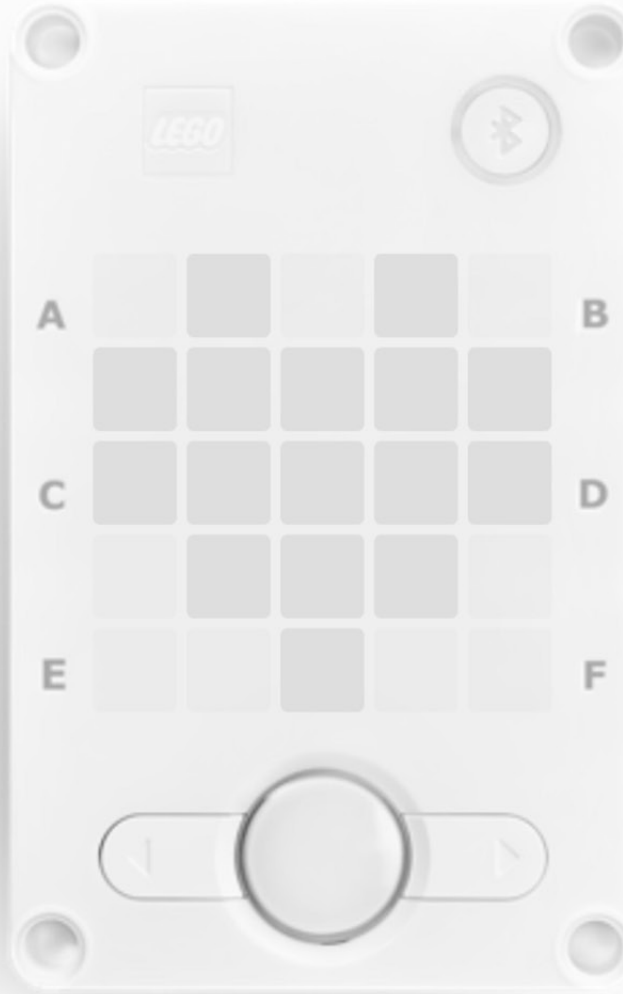
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# WIRING

Motor R



Front Motor



Motor L



Sensor