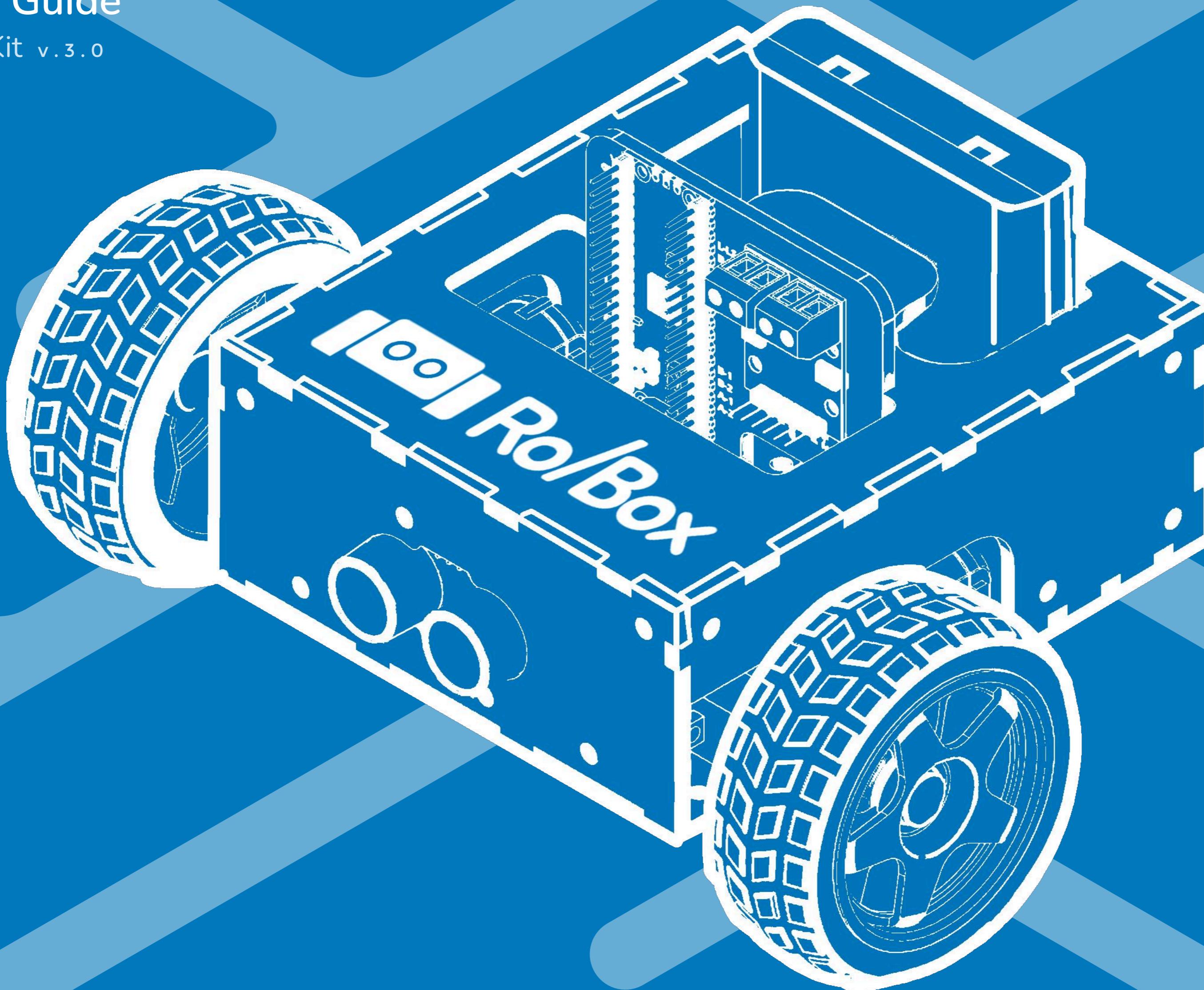




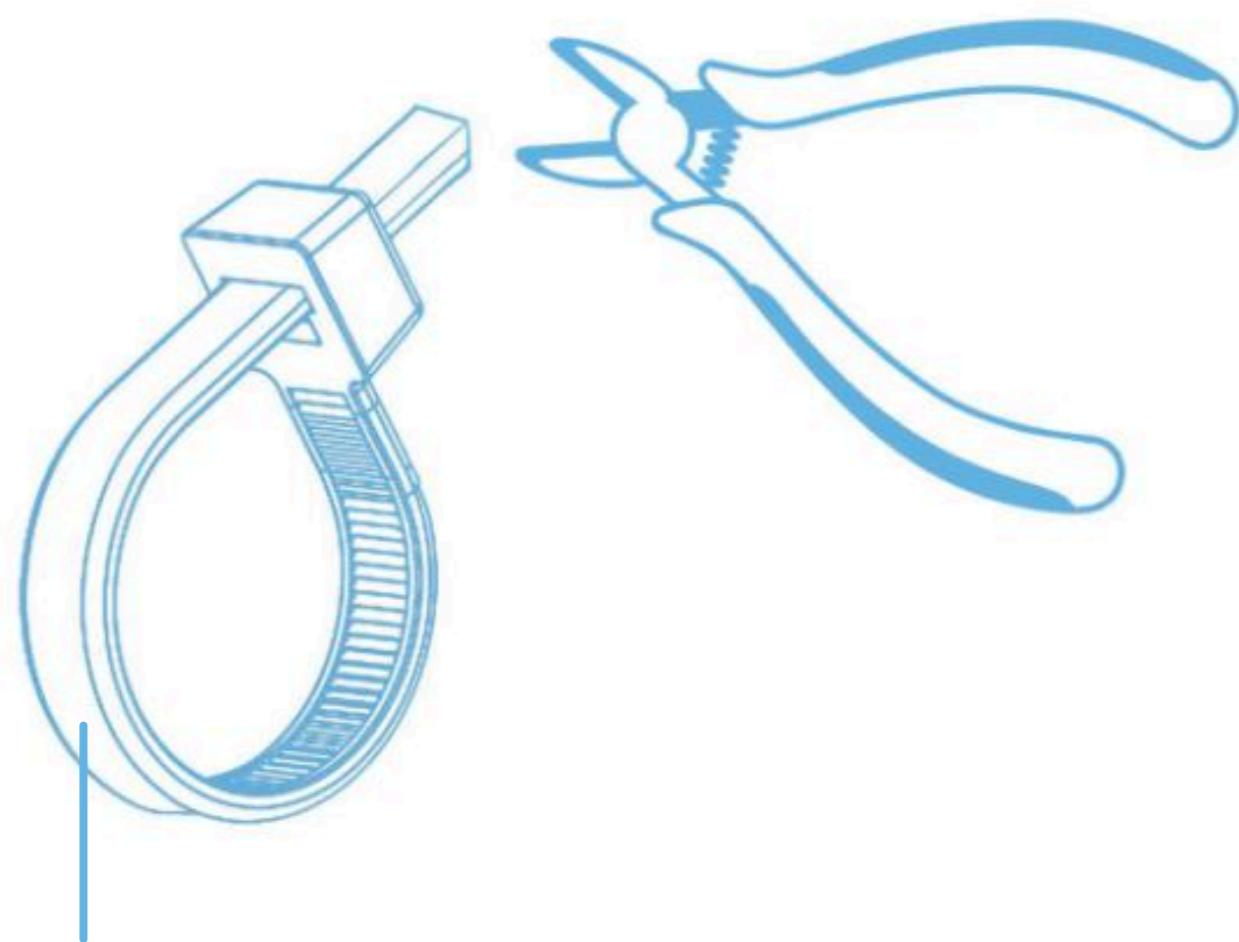
Assembly Guide

Base Kit v.3.0

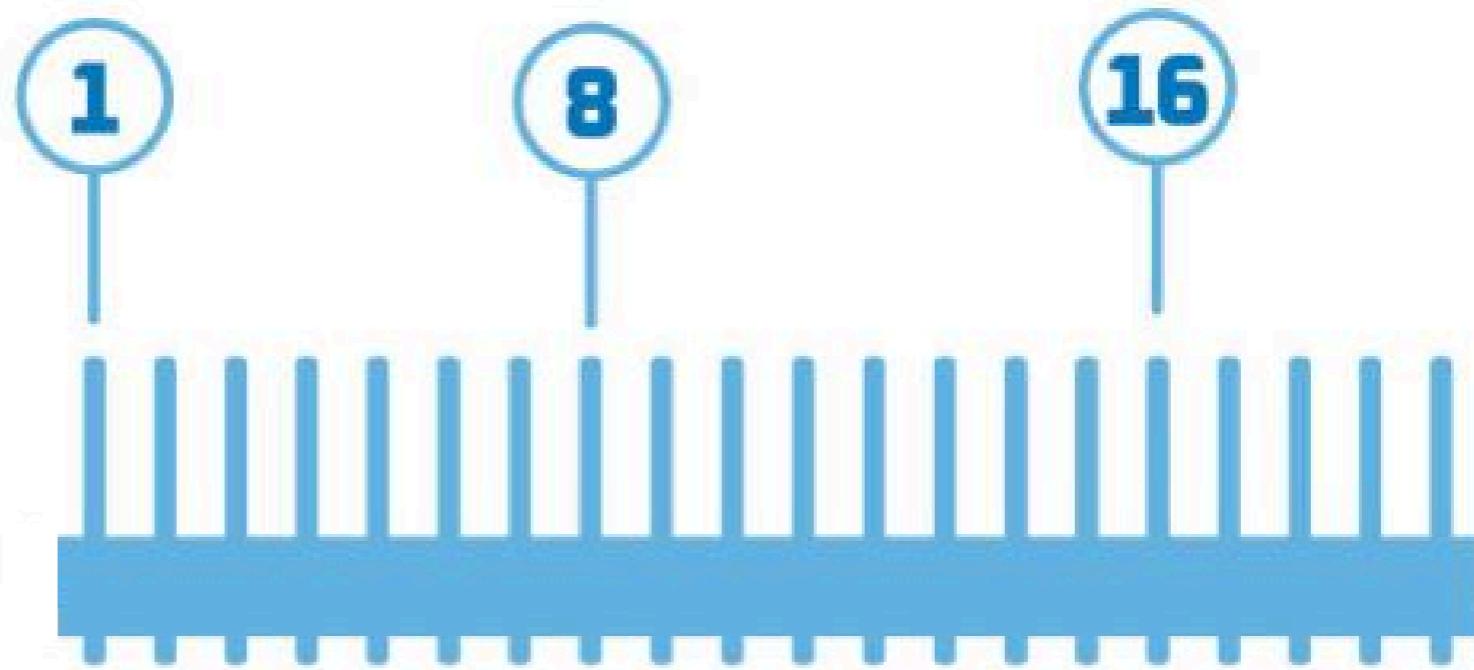


ROBOTICS FOR EVERYONE

Clip zip ties after
using them.

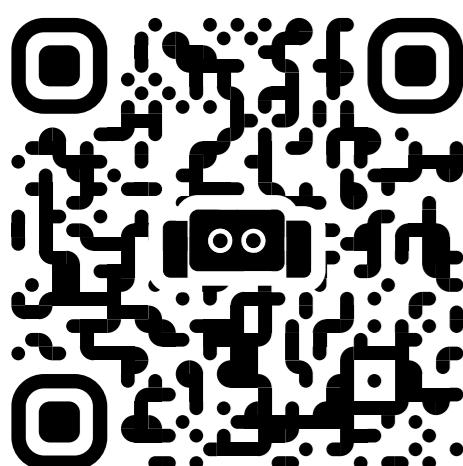


Make sure the smooth
side faces outwards.

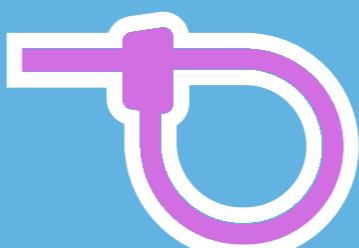


Be mindful to carefully count pins while wiring.
Wires must be put to specific pins.

robox.com.au



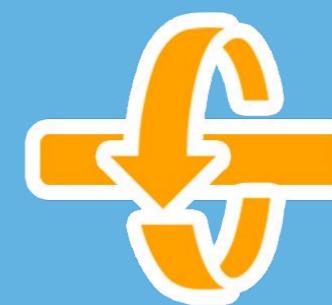
Scan to visit
Ro/Box Hub



Ziptie



Rotate



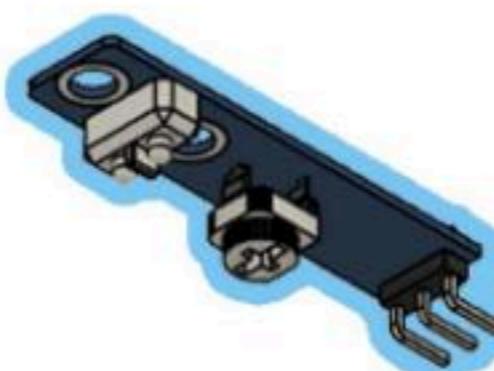
Flip



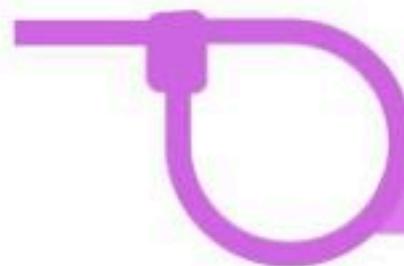
Notice



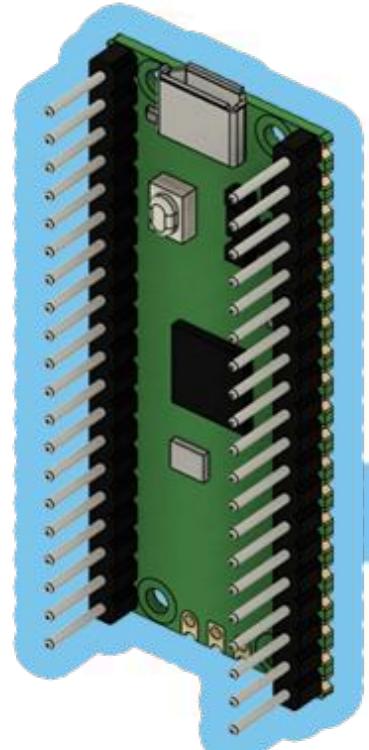
1x Colour Sensor



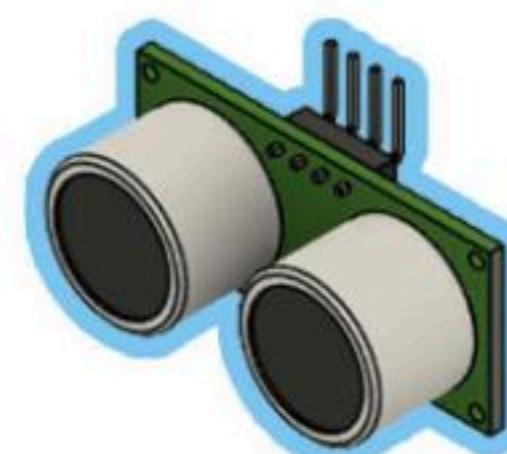
2x IR Sensor



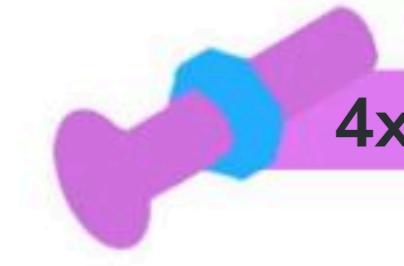
34x Zip Ties



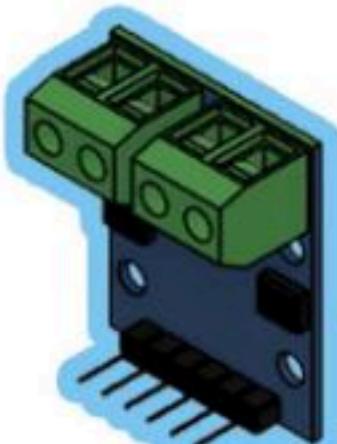
1x RPi Pico



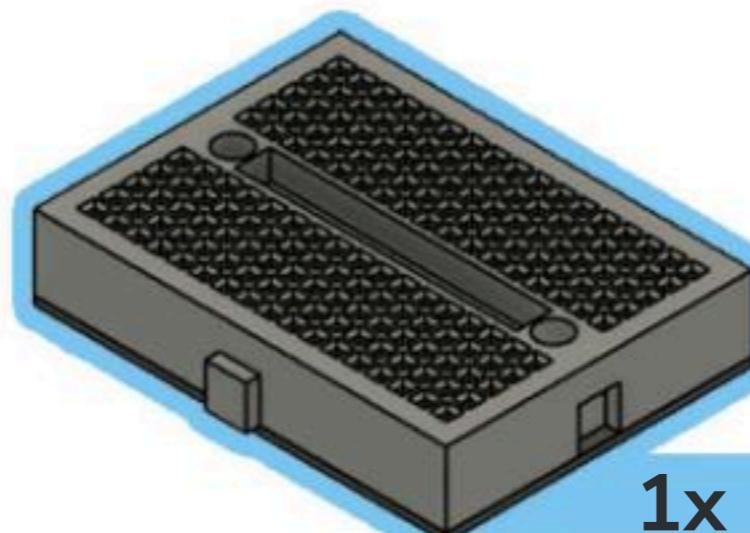
1x Ultrasonic Sensor



4x Nuts & Bolts



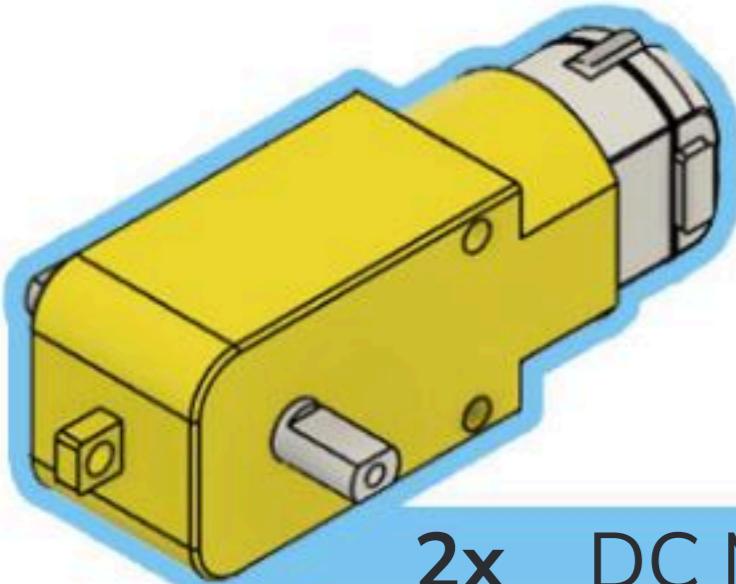
1x Motor Driver



1x Breadboard



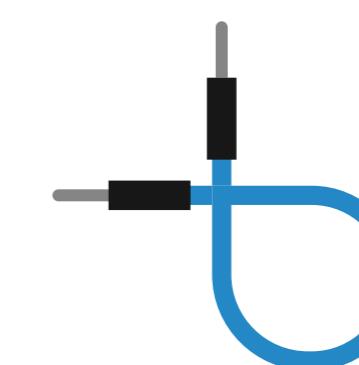
1x Battery Pack



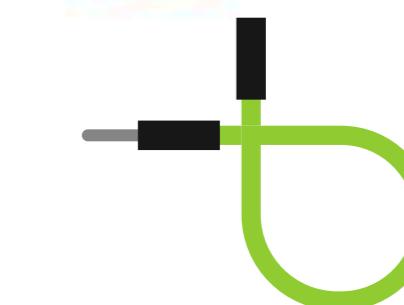
2x DC Motor



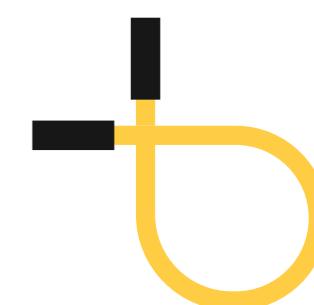
2x Wheel



4x M-M
Wire



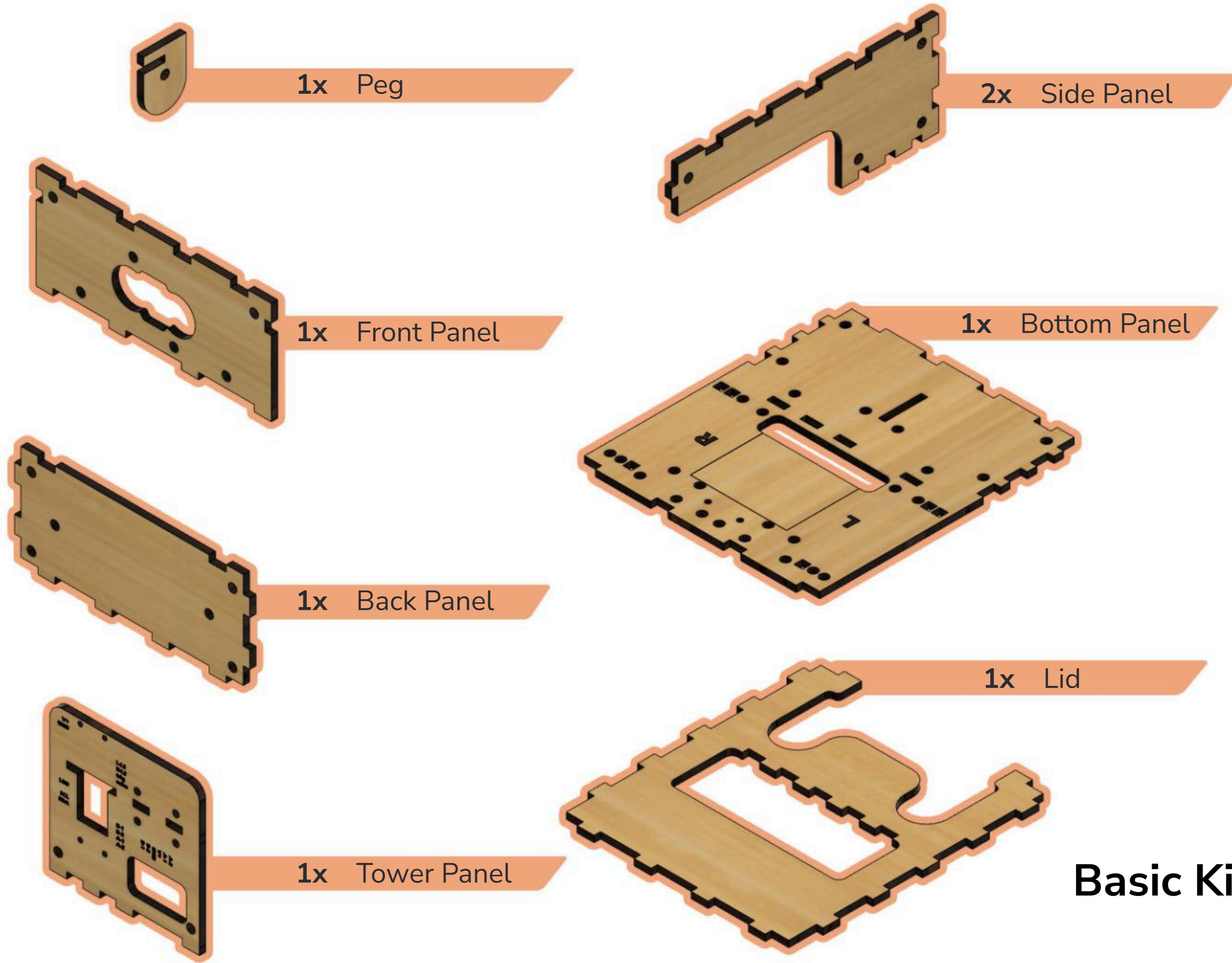
12x M-F
Wire



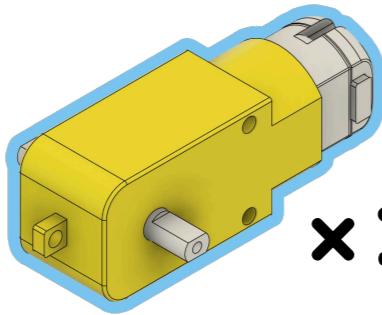
11x F-F
Wire

Basic Kit parts list

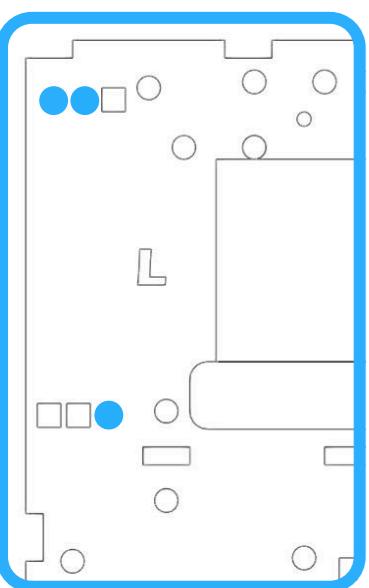
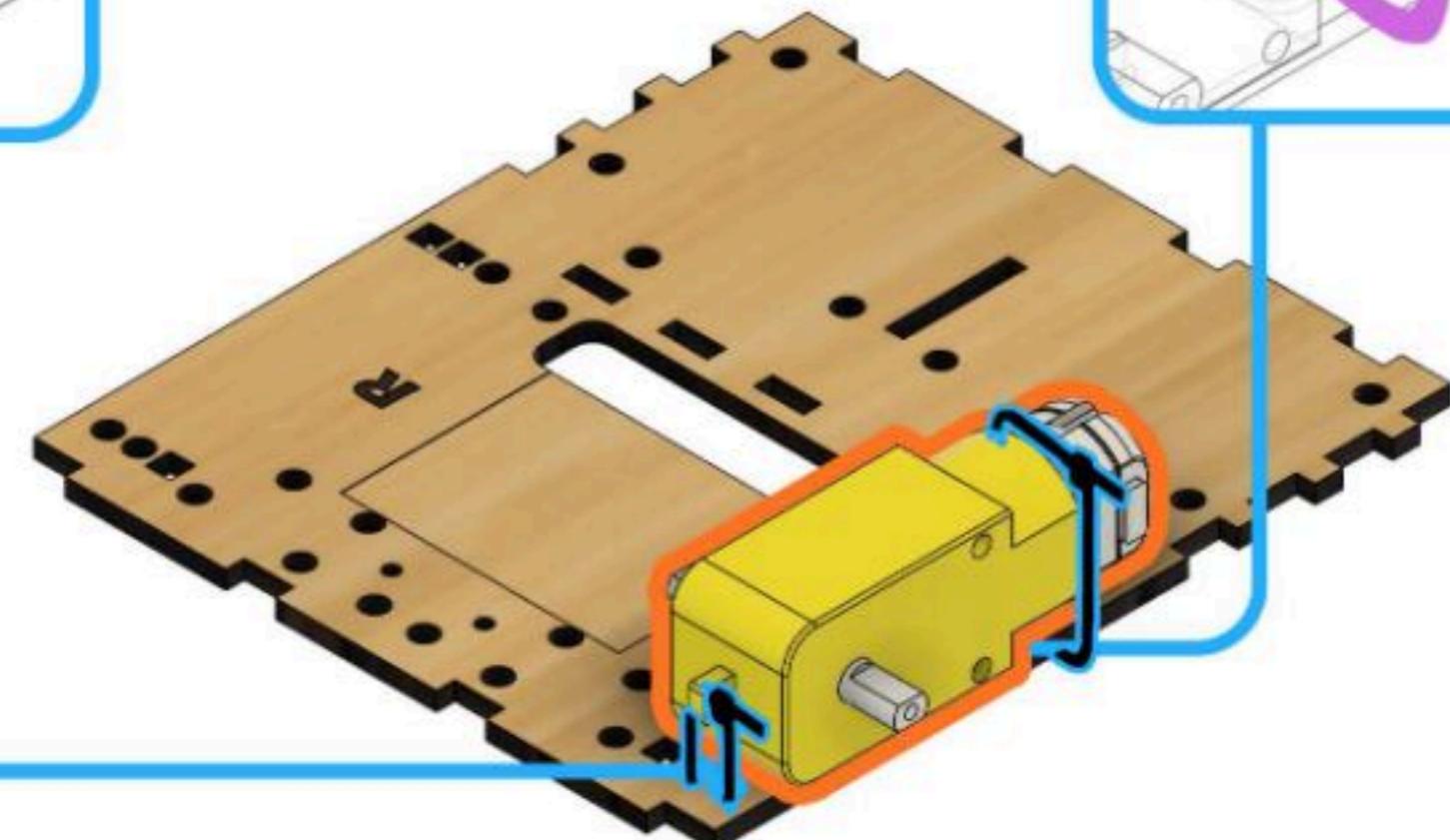
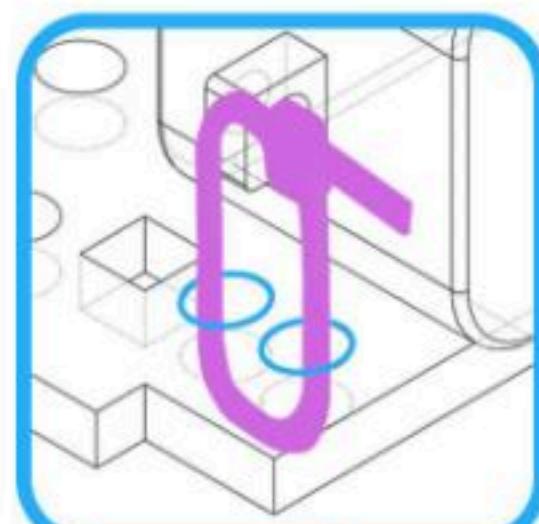
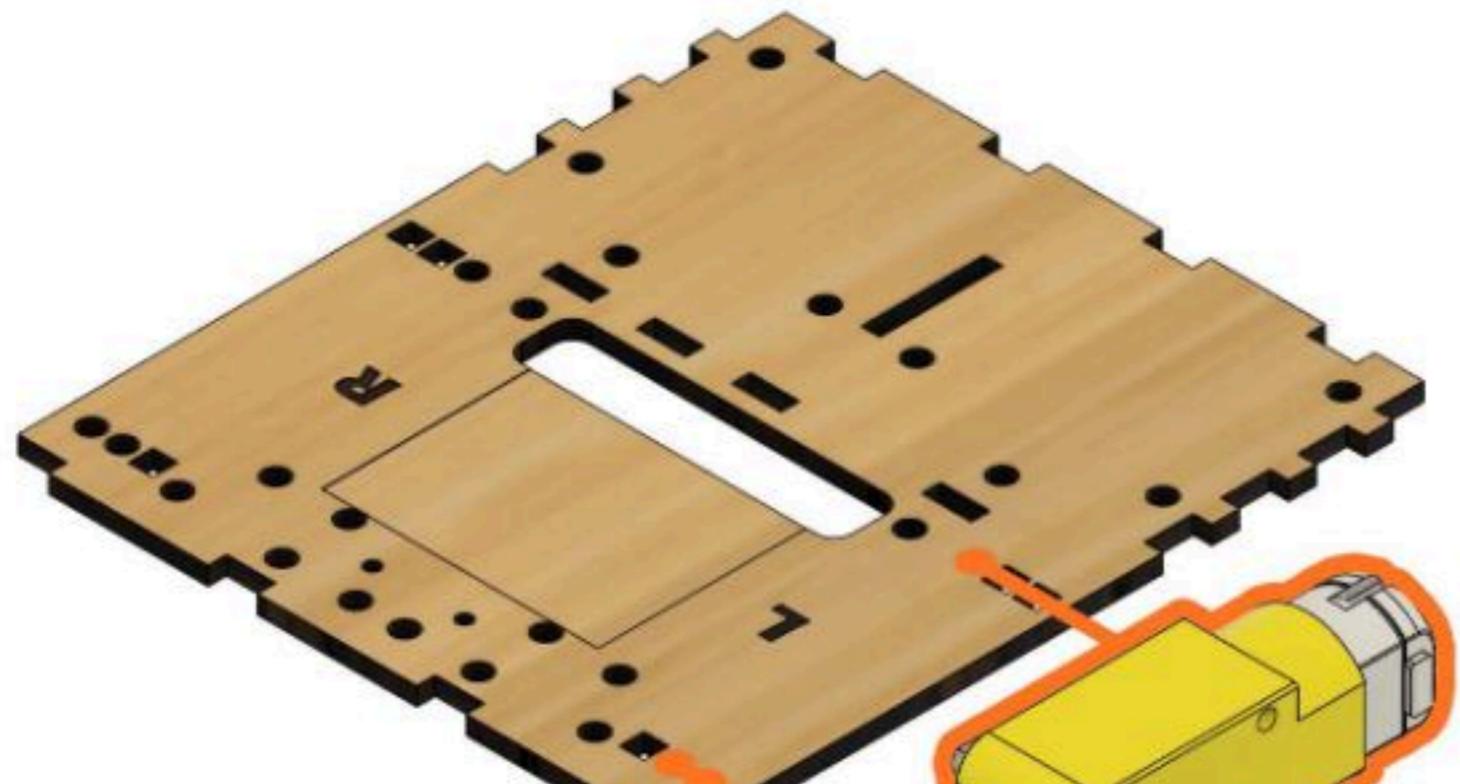
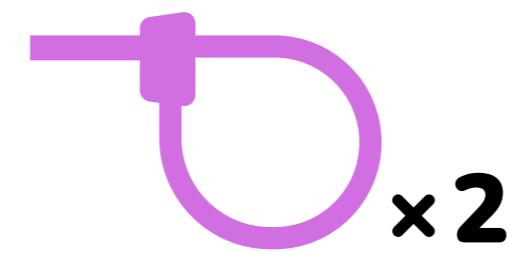
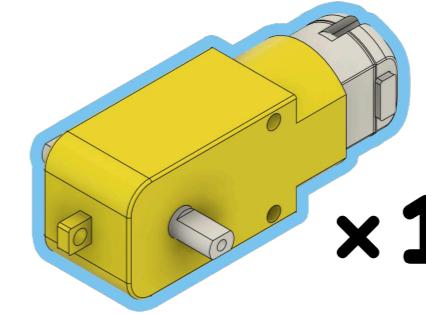
Electronics



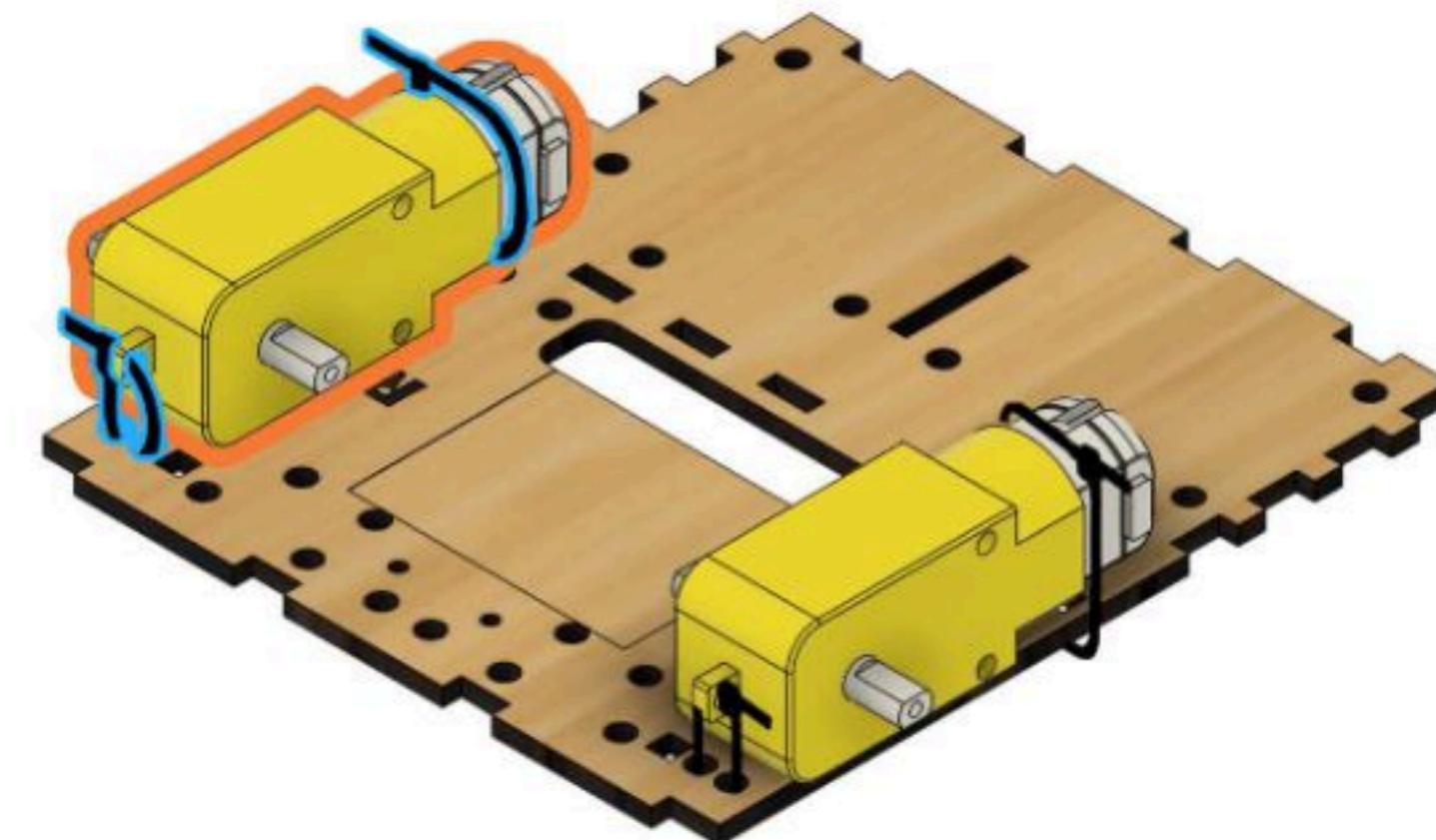
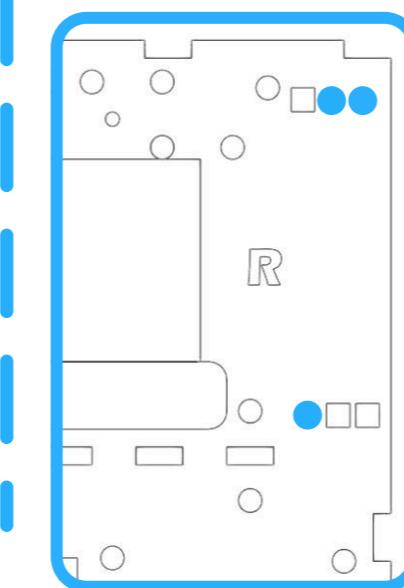
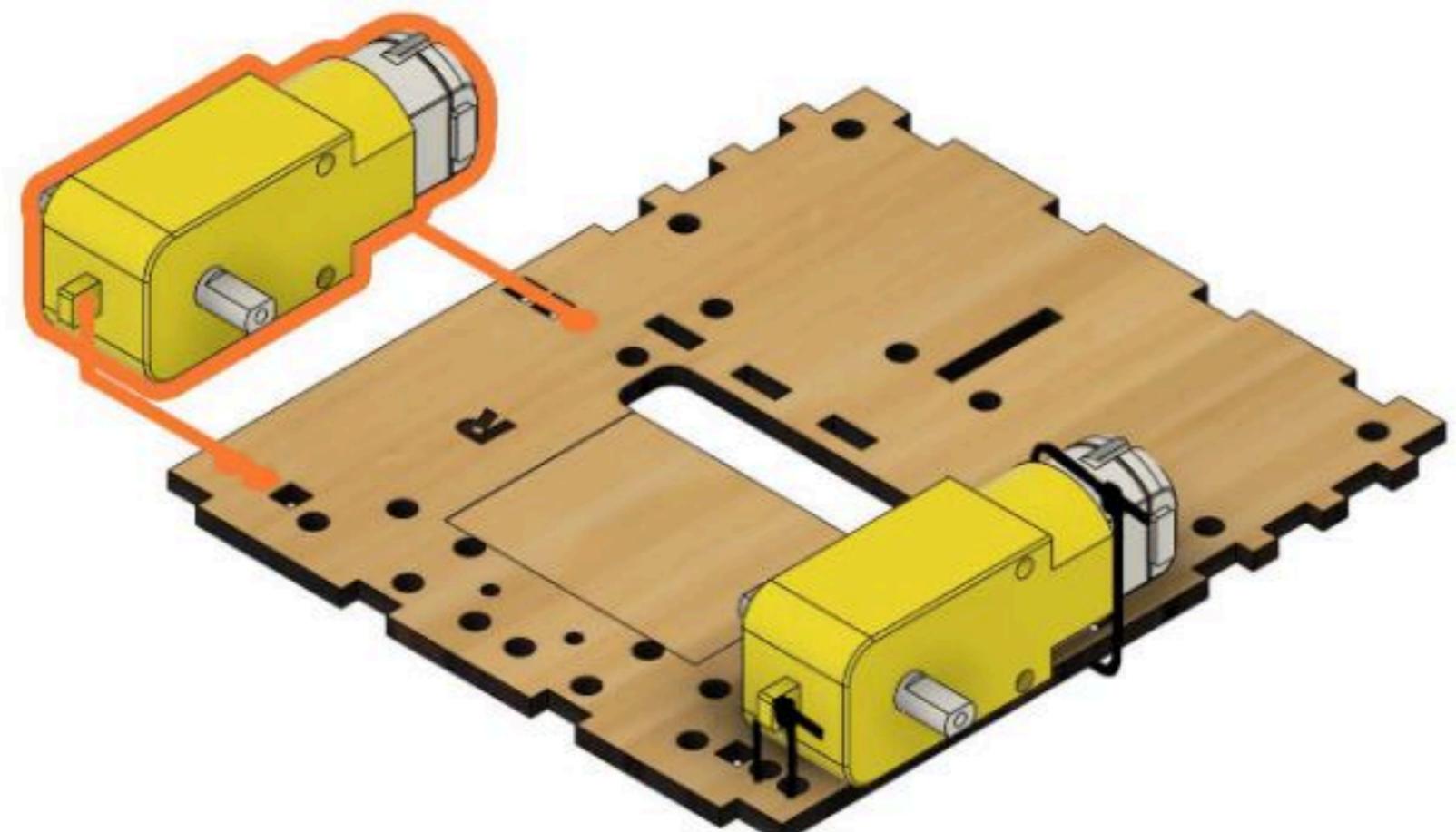
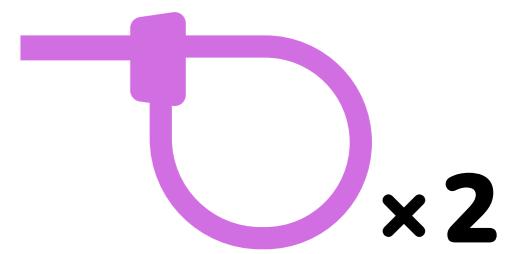
Basic Kit parts list Panels

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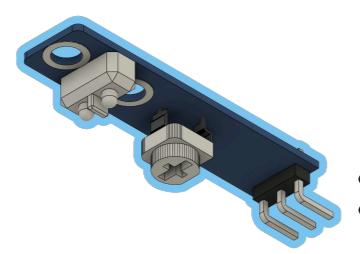
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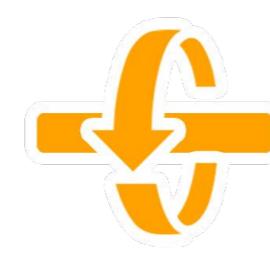
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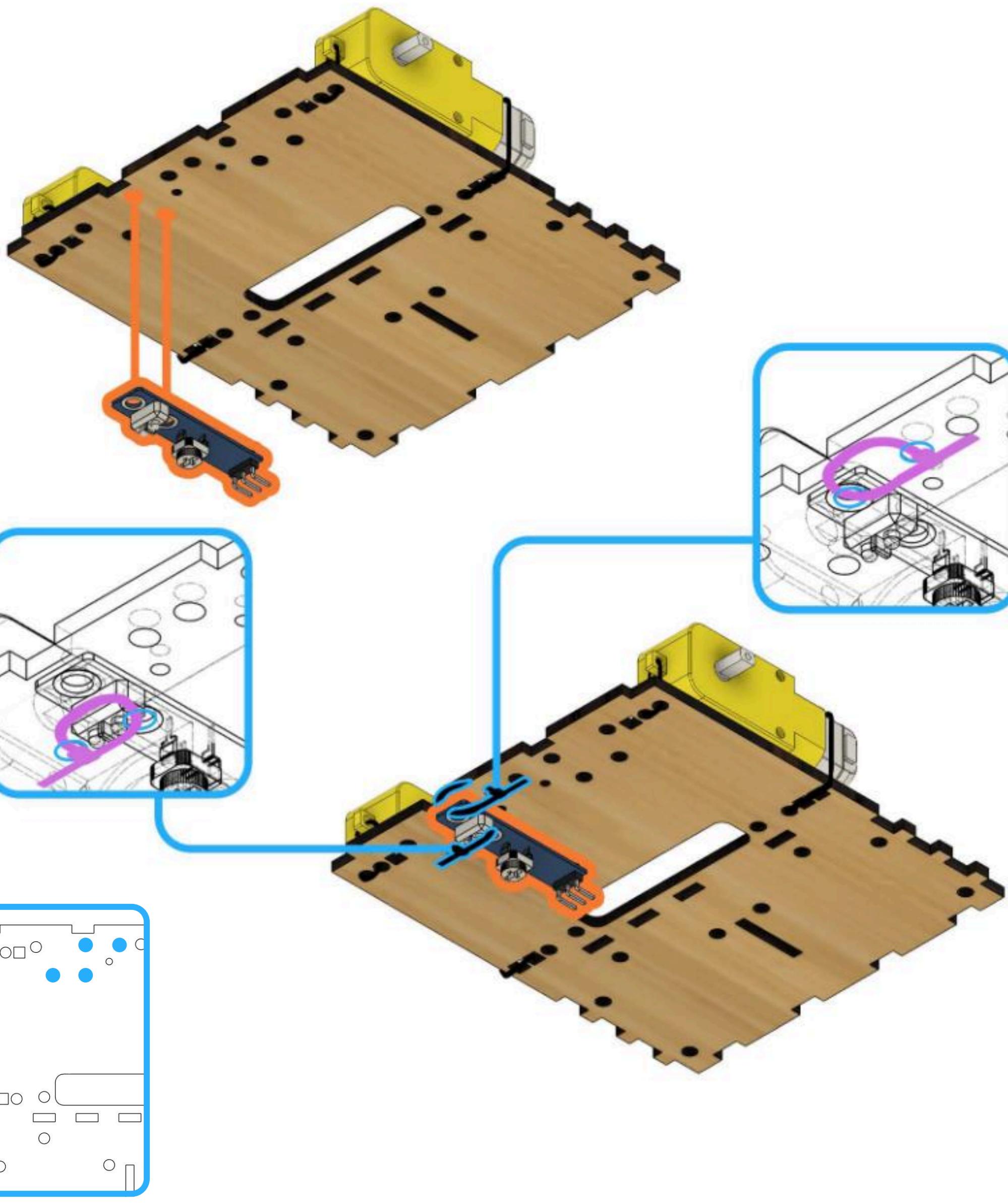
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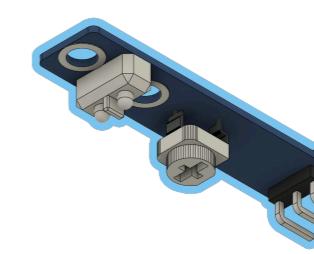
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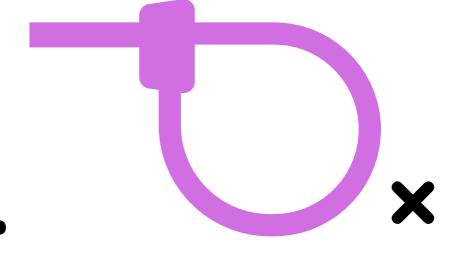
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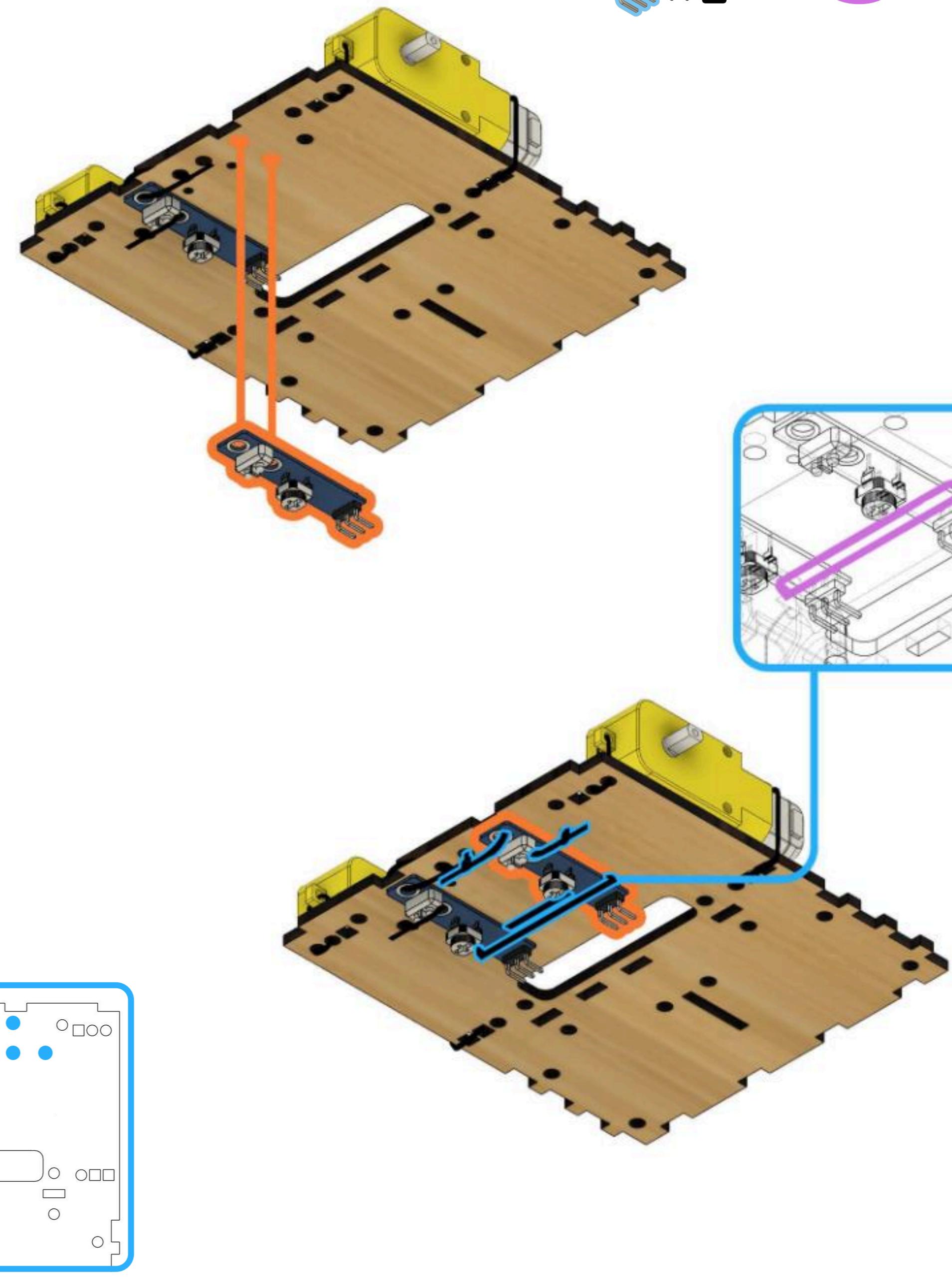
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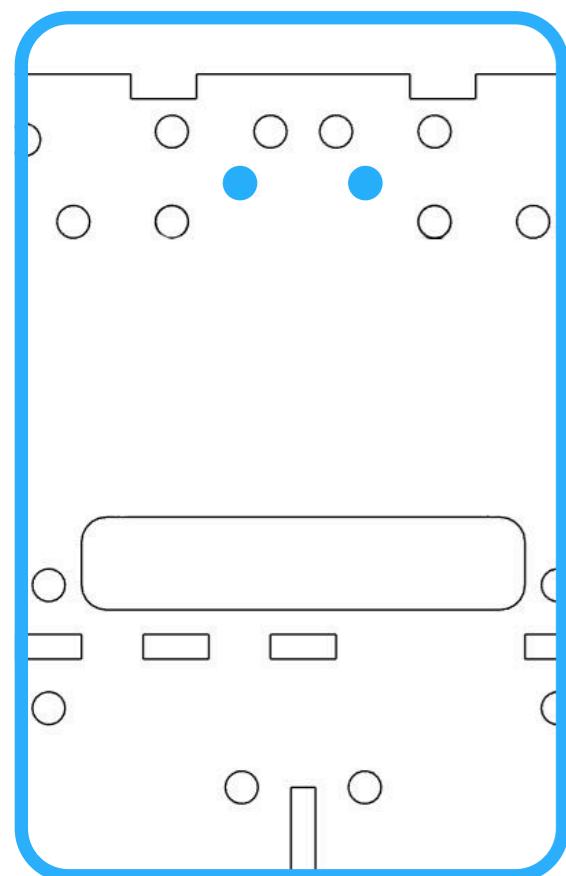
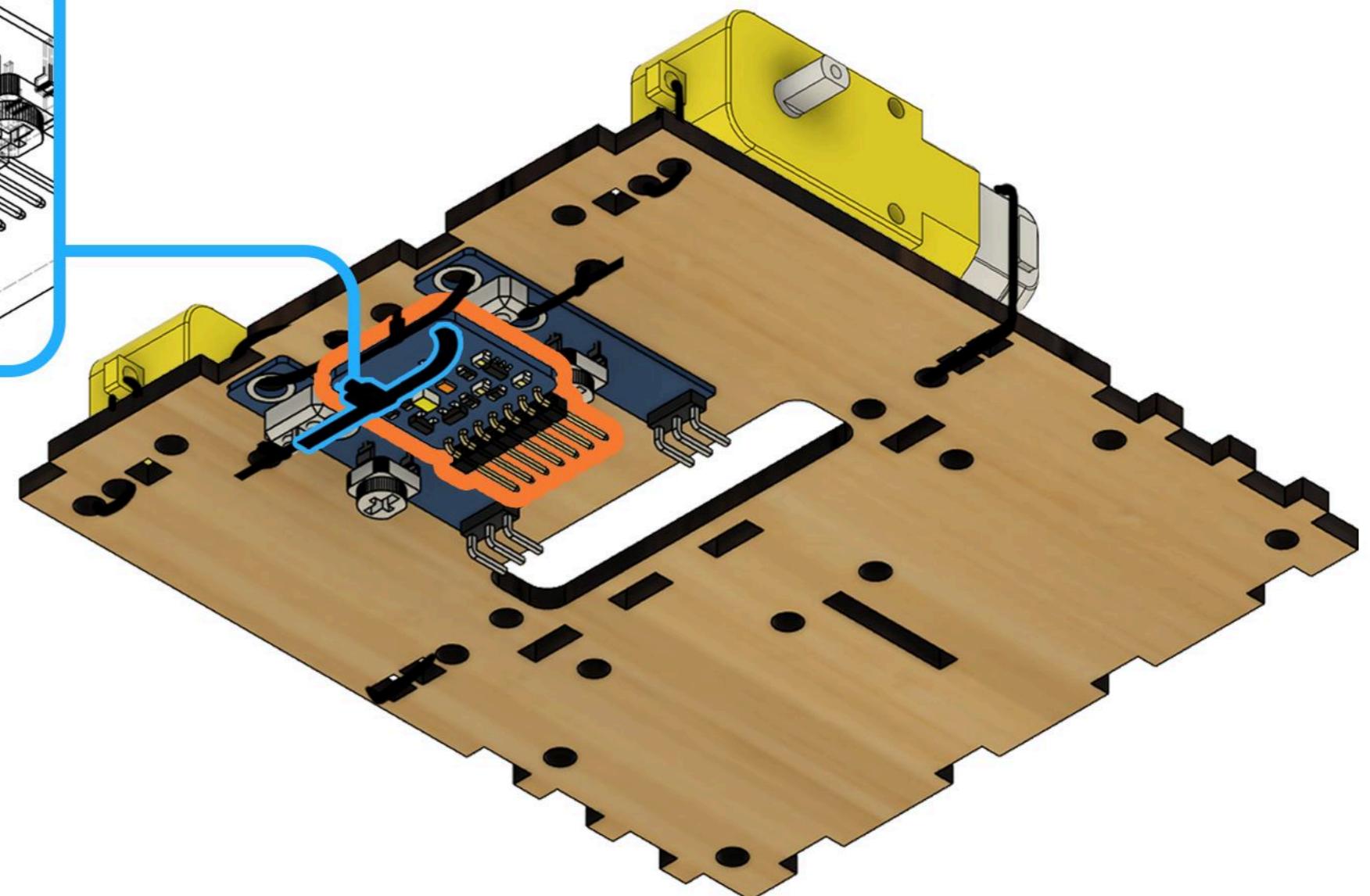
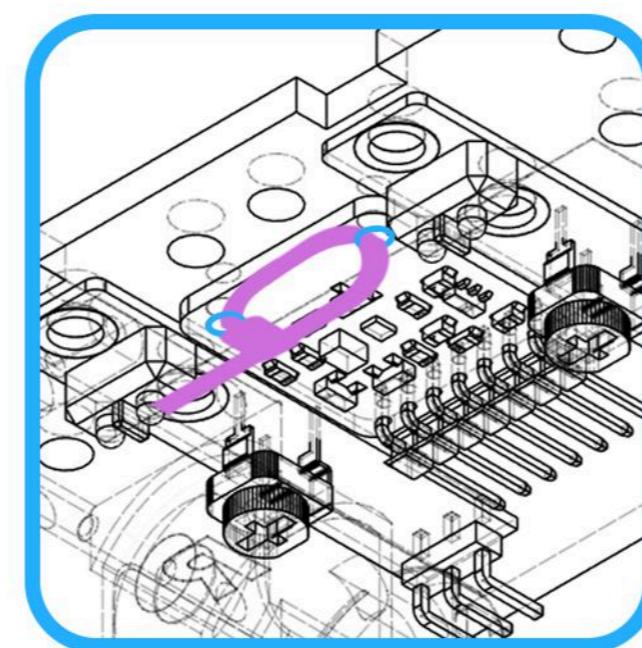
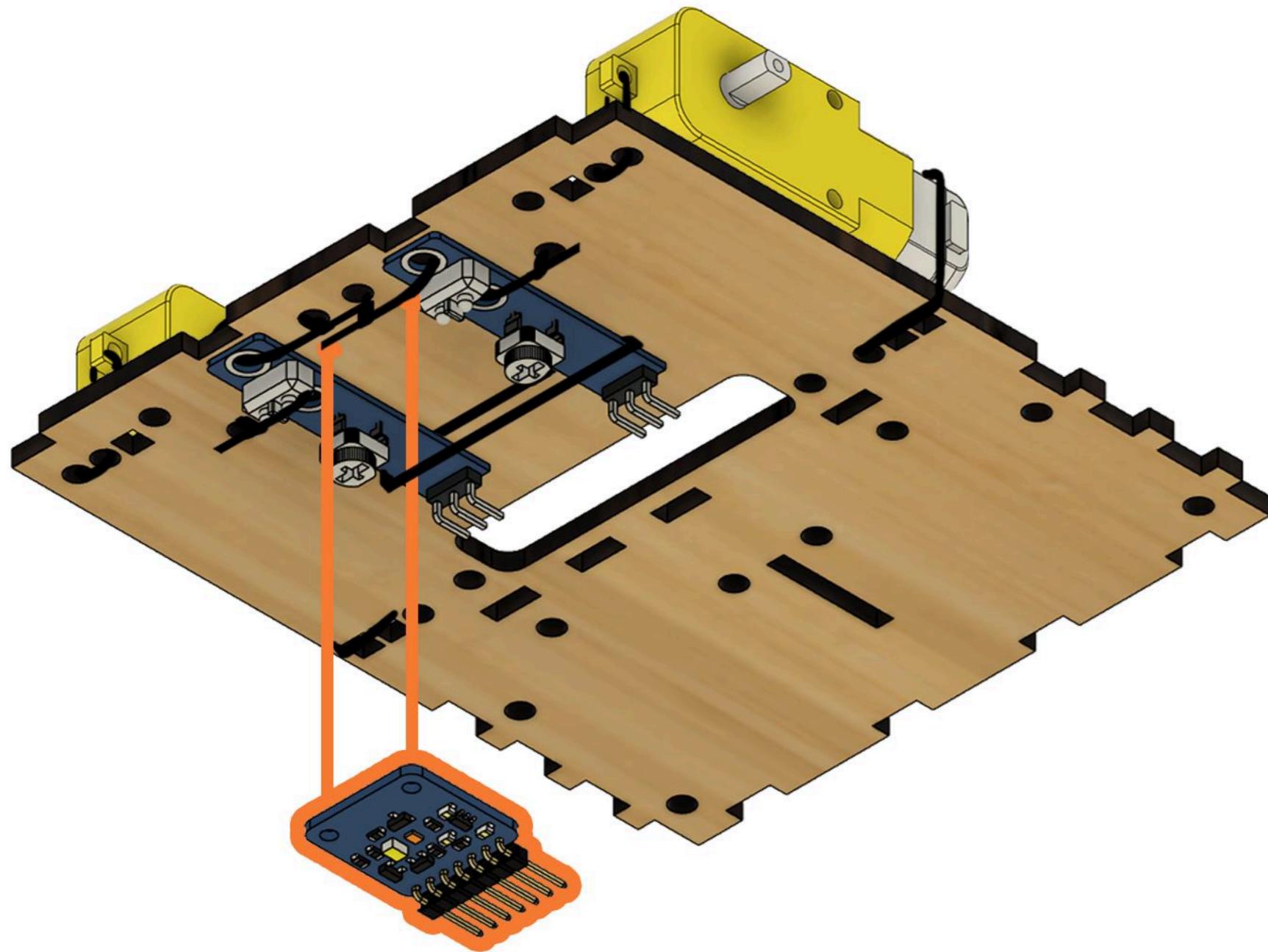
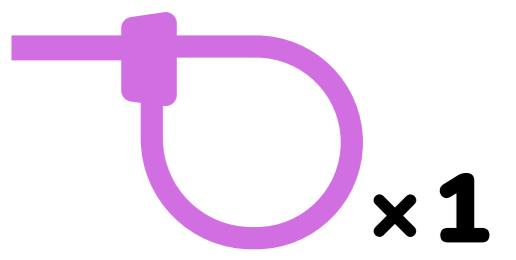
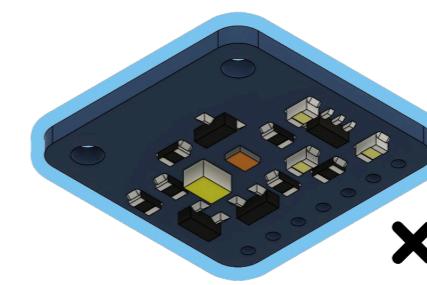
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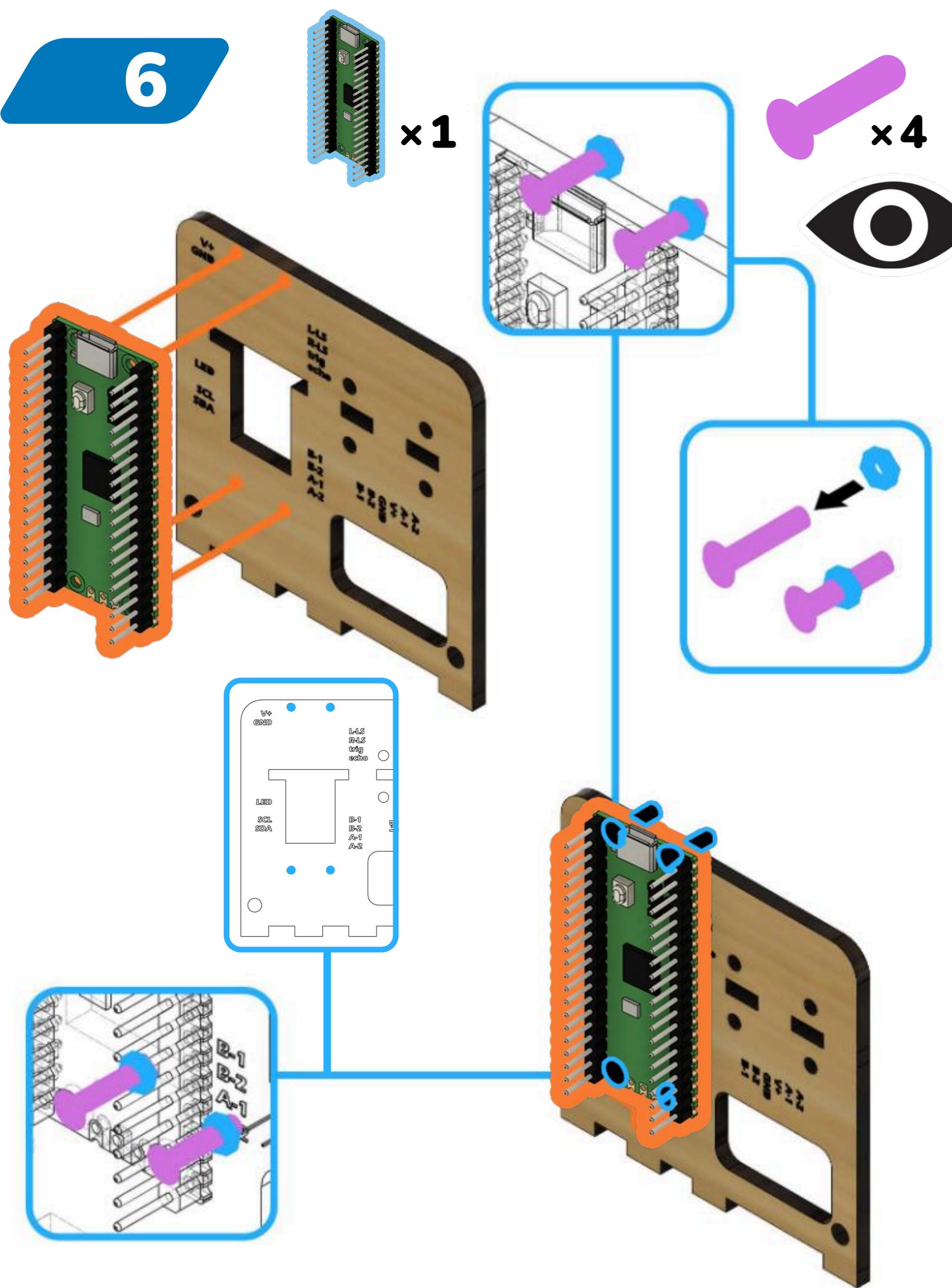
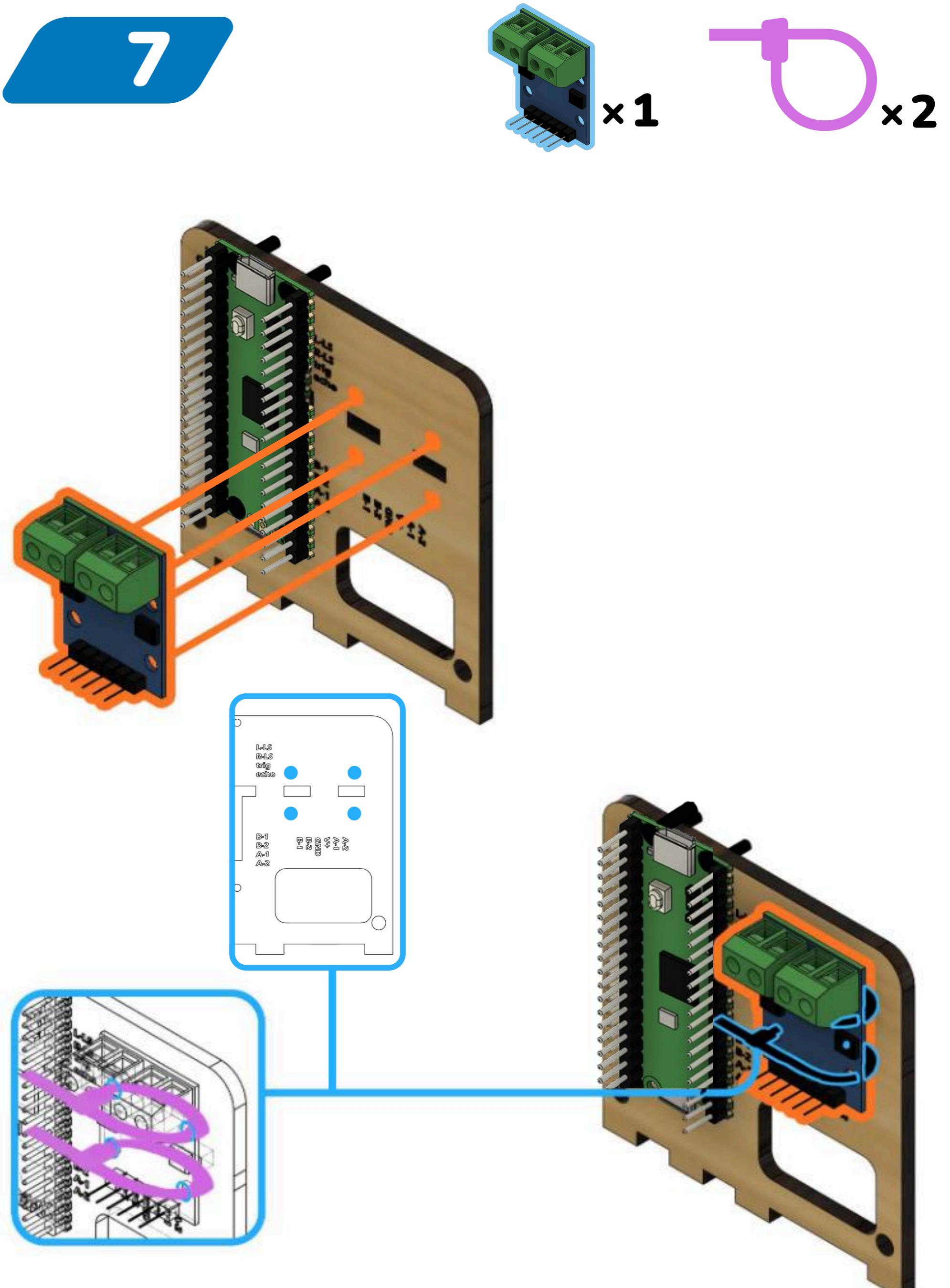


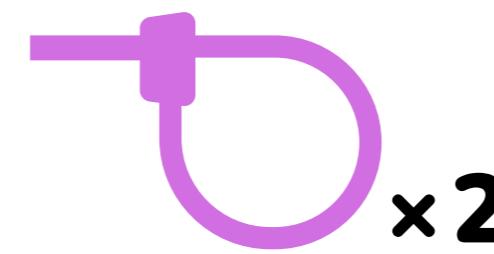
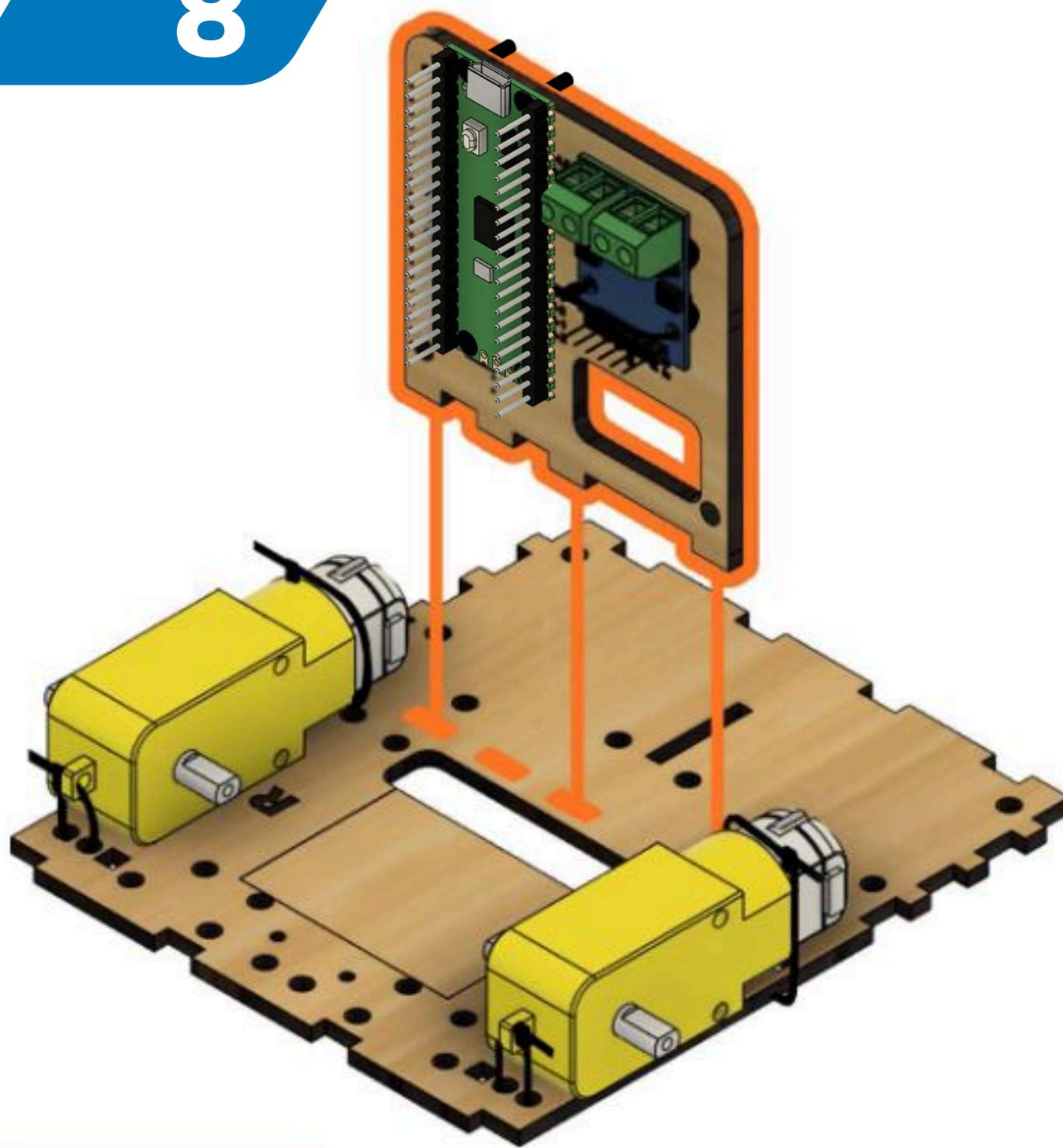
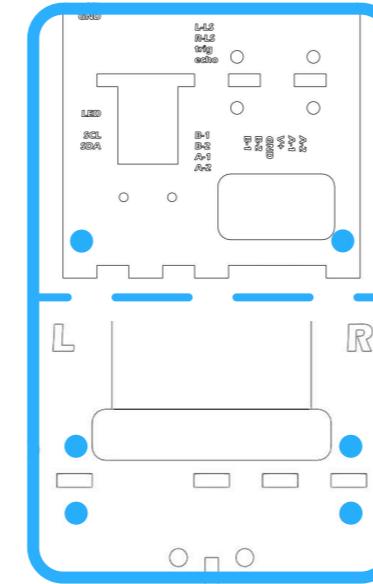
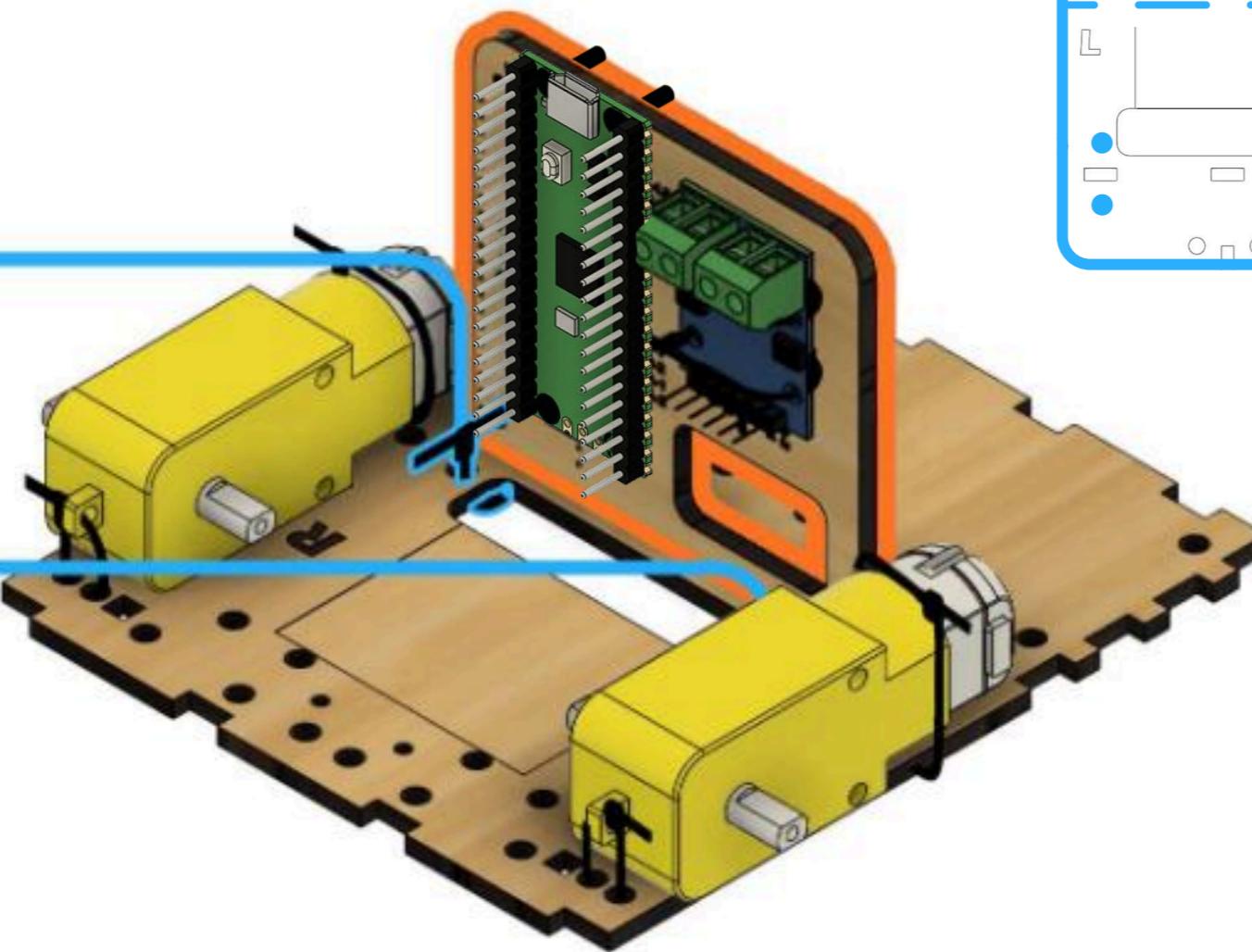
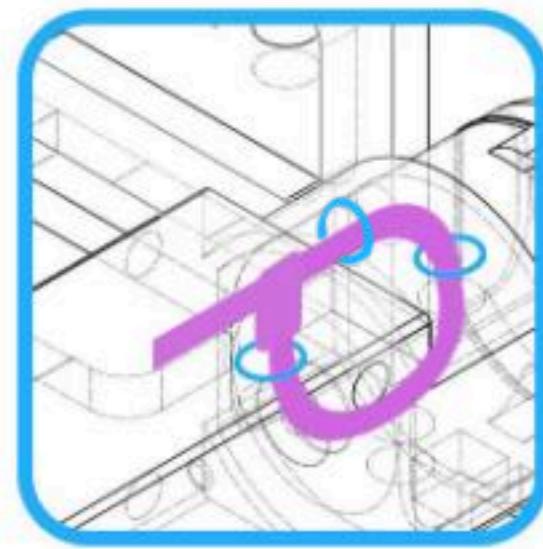
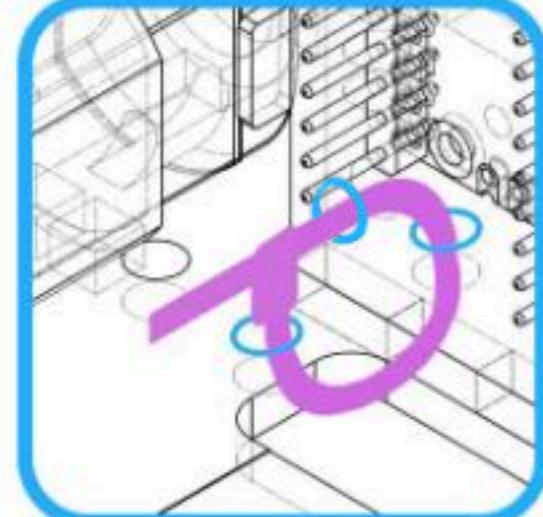
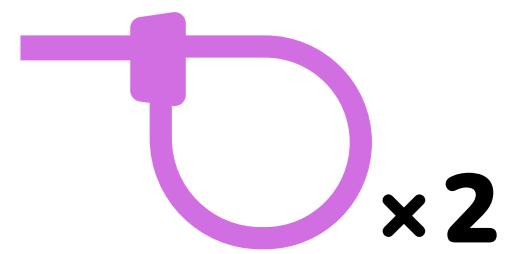
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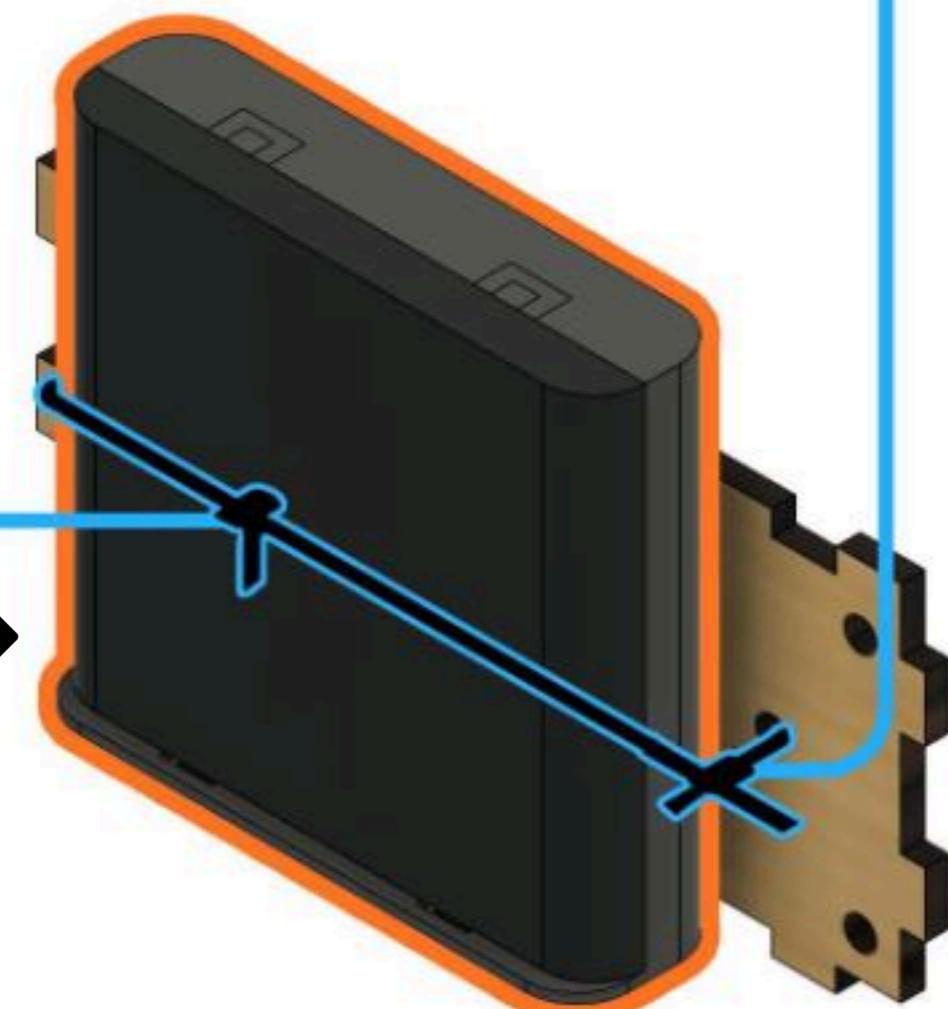
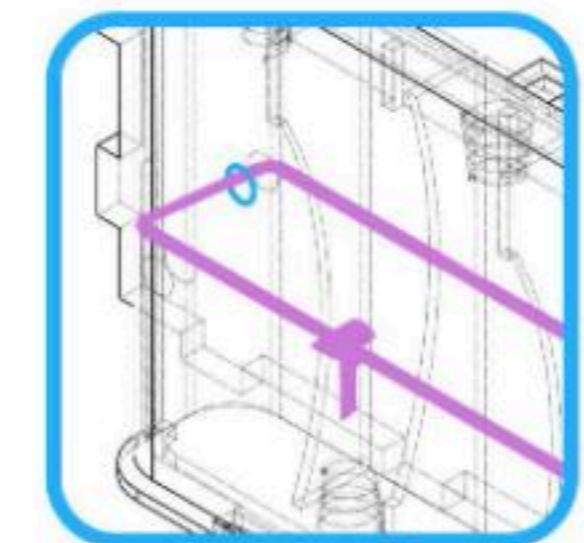
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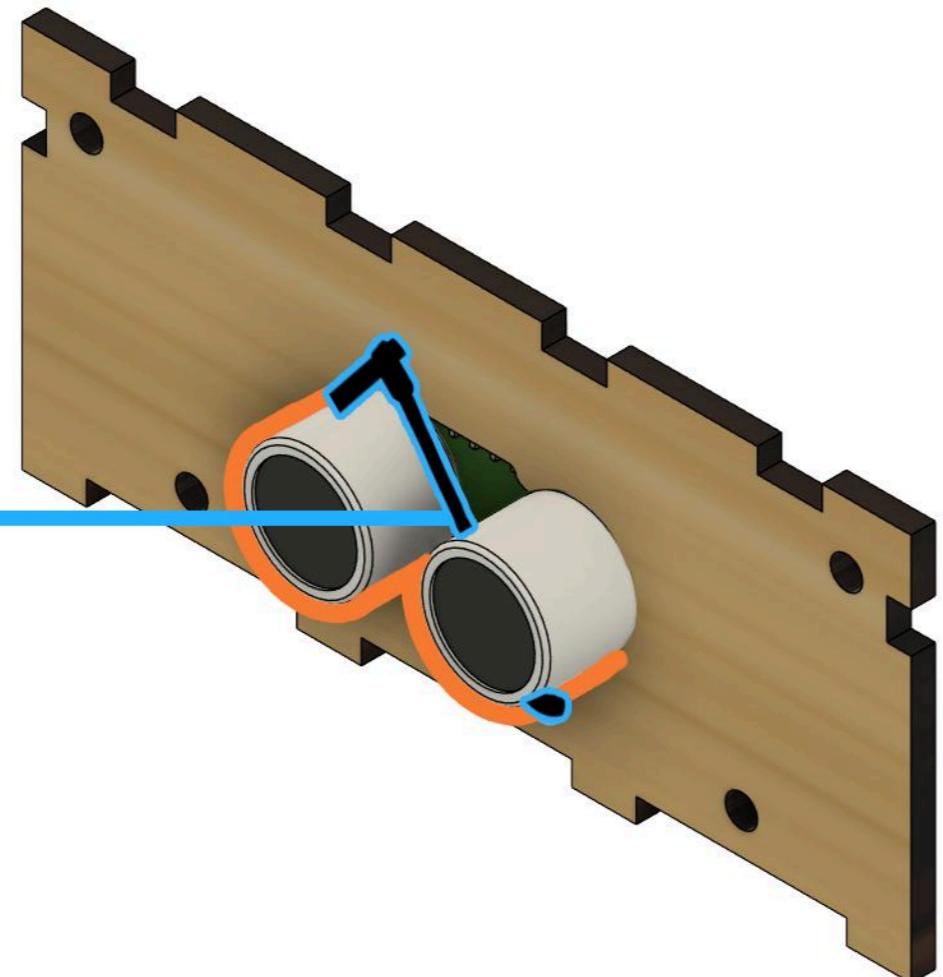
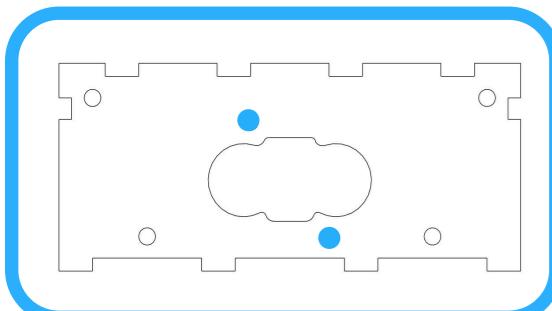
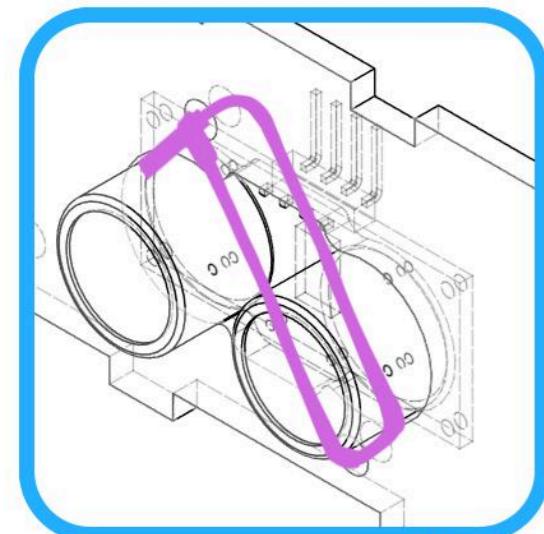
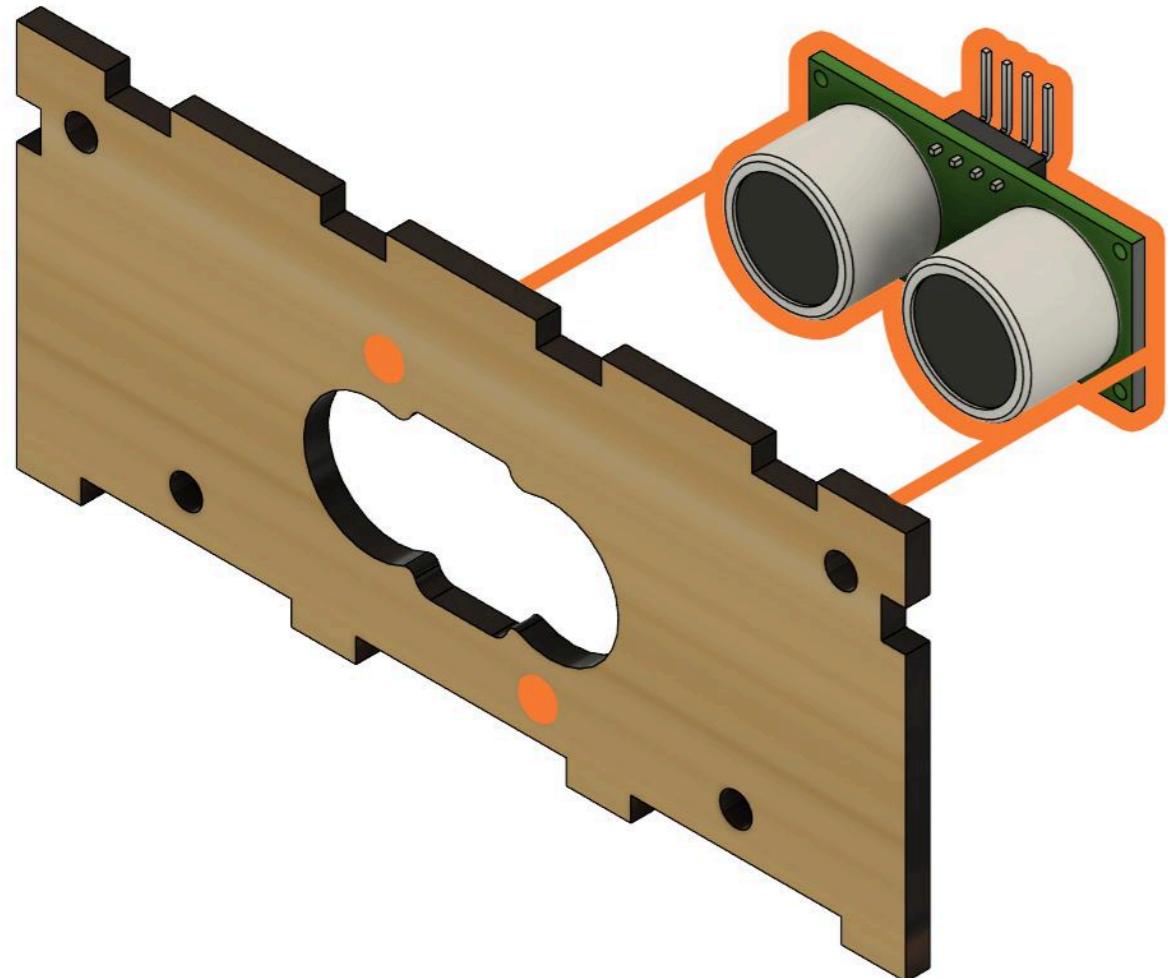
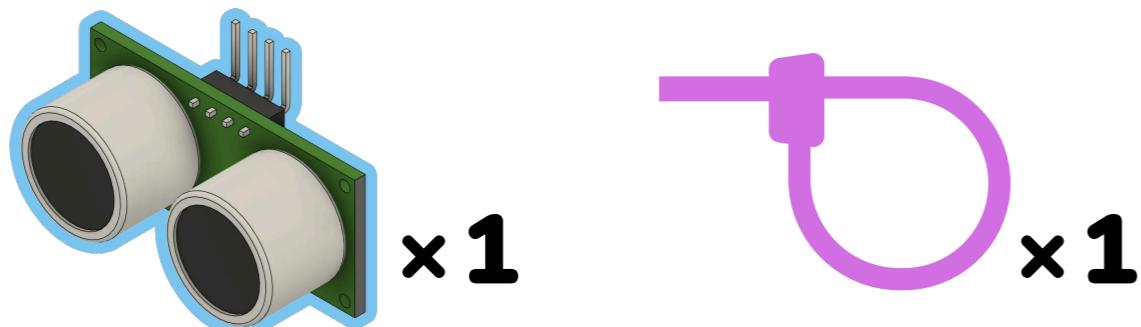
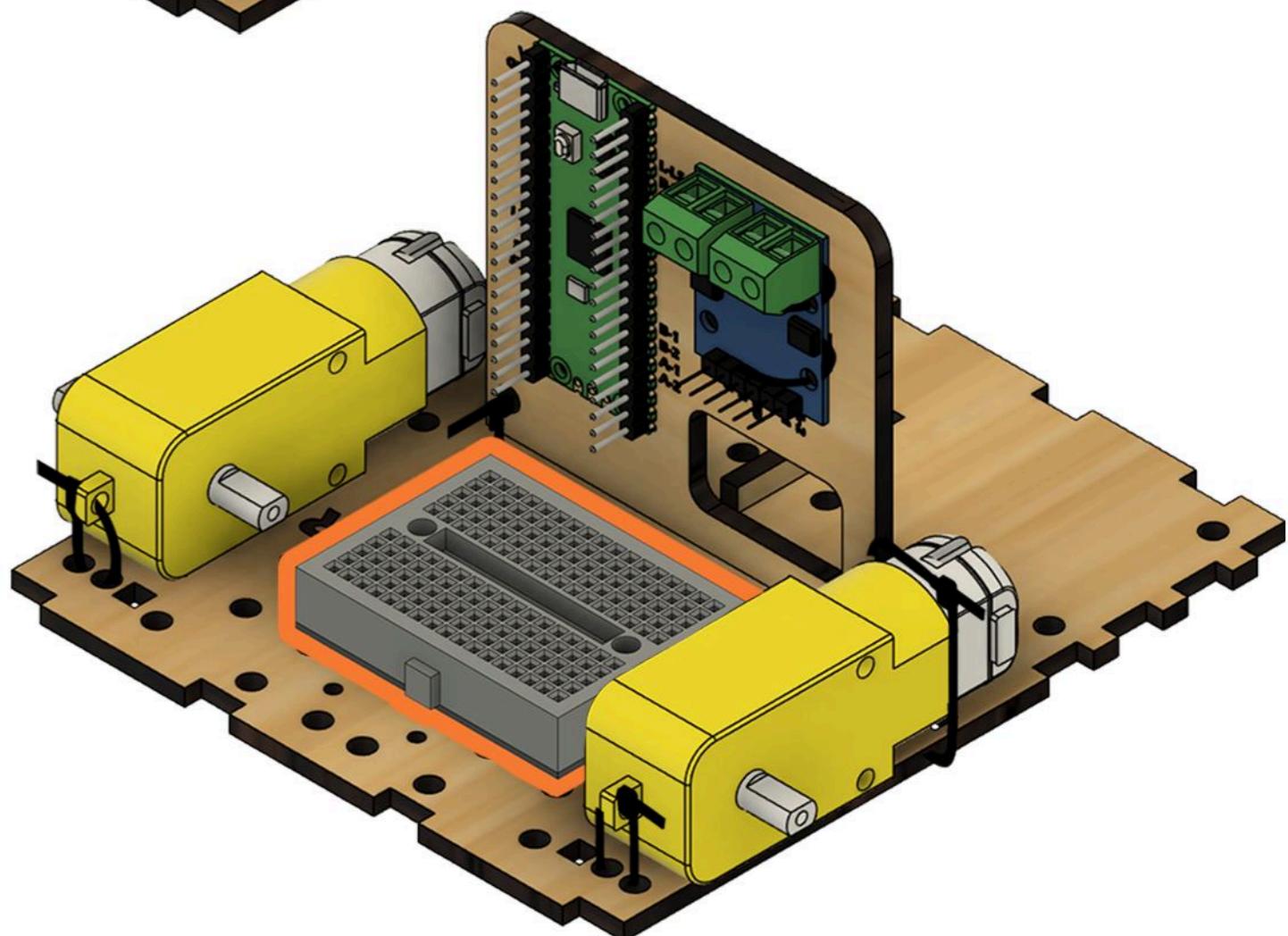
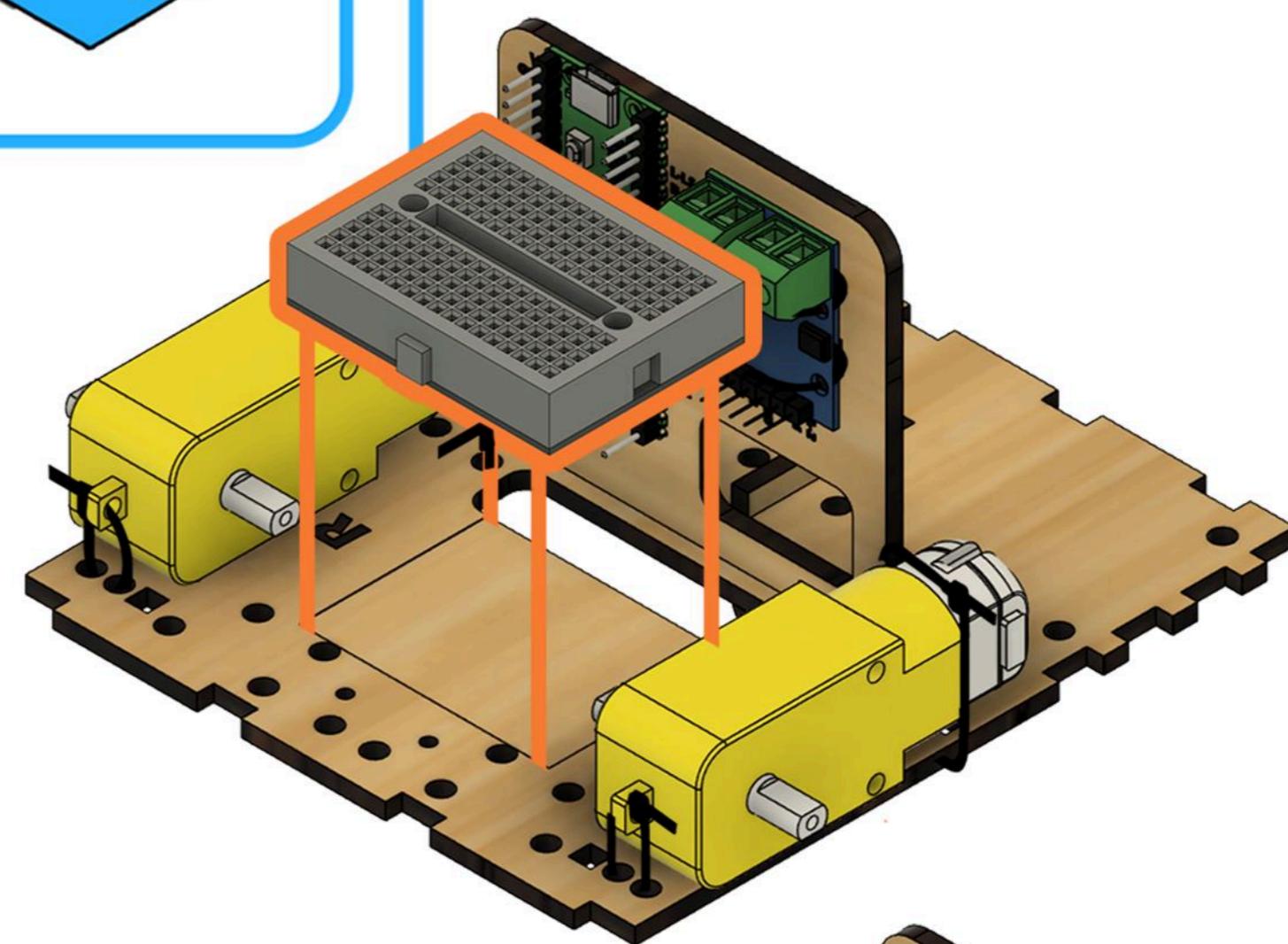
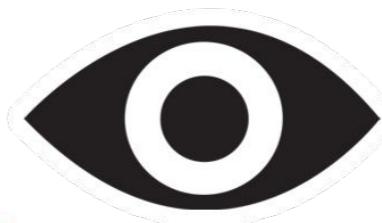
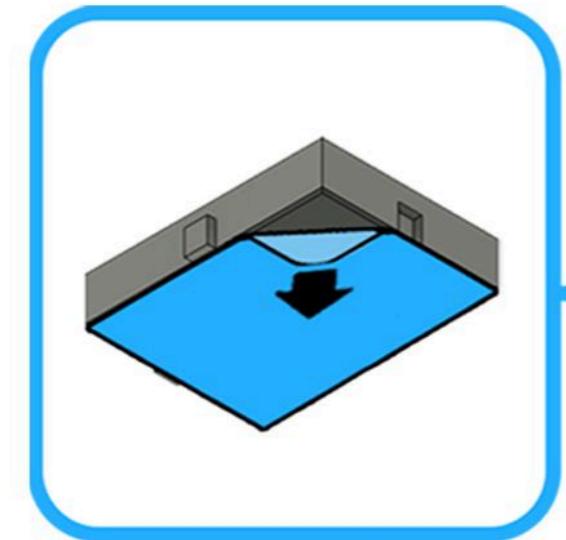


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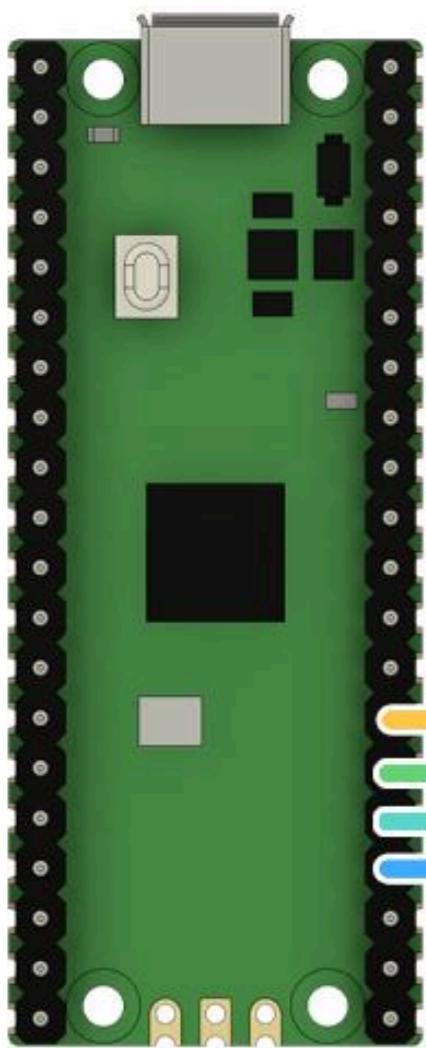
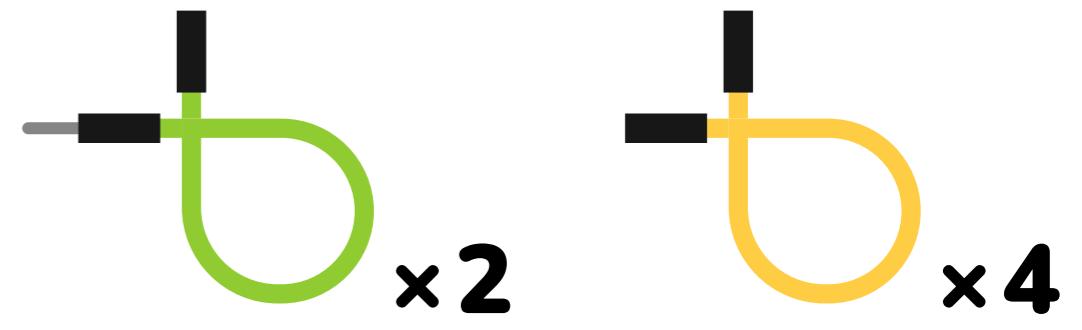
8**9** $\times 1$ 

Thread two zip ties together →

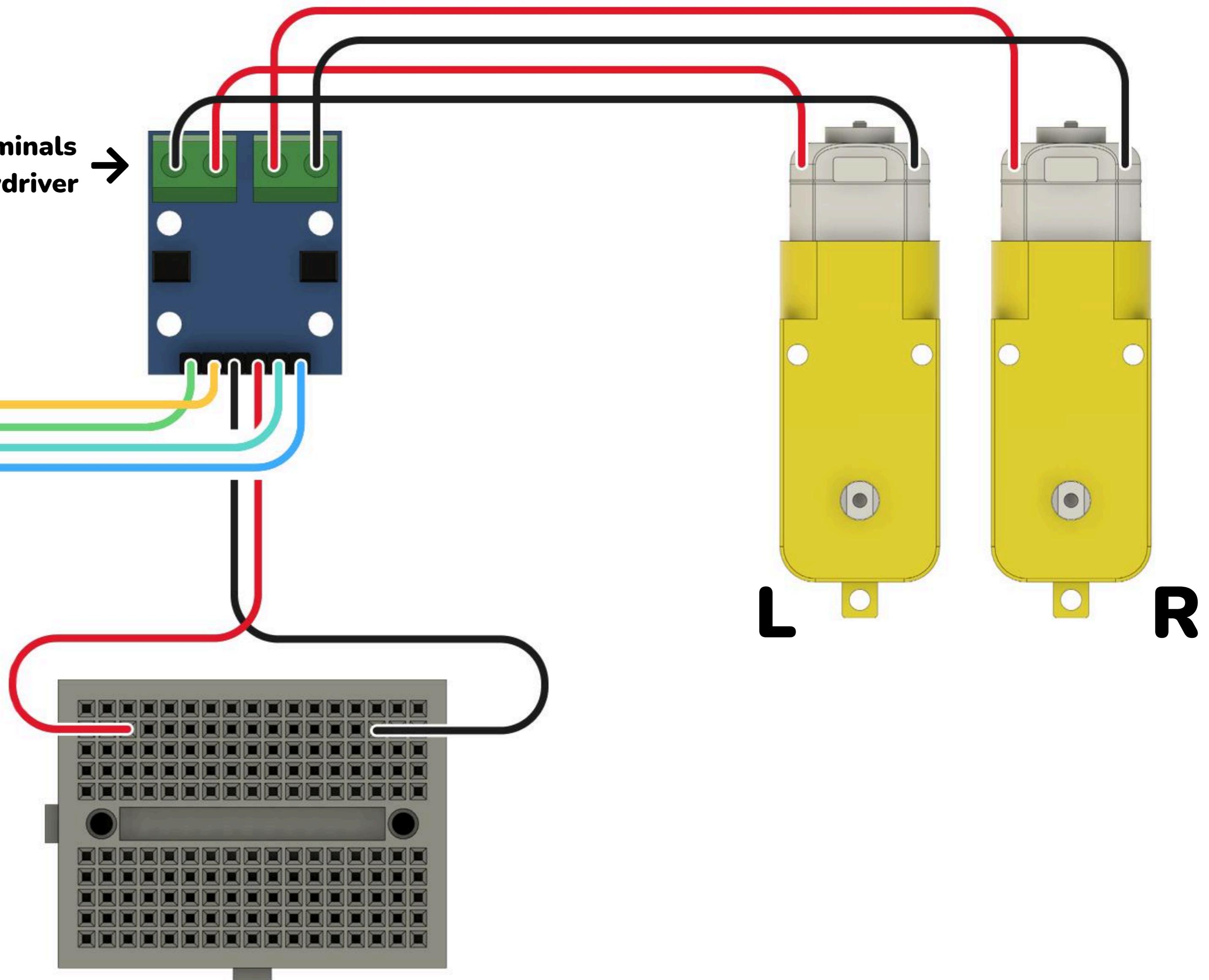


10**11**

14

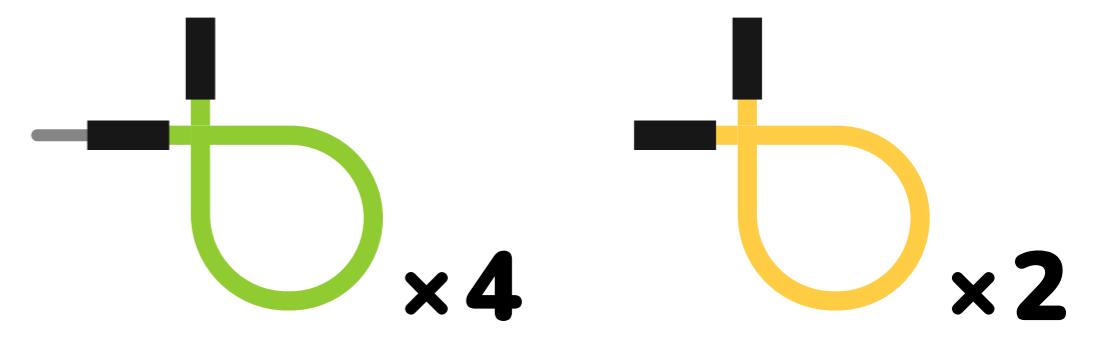
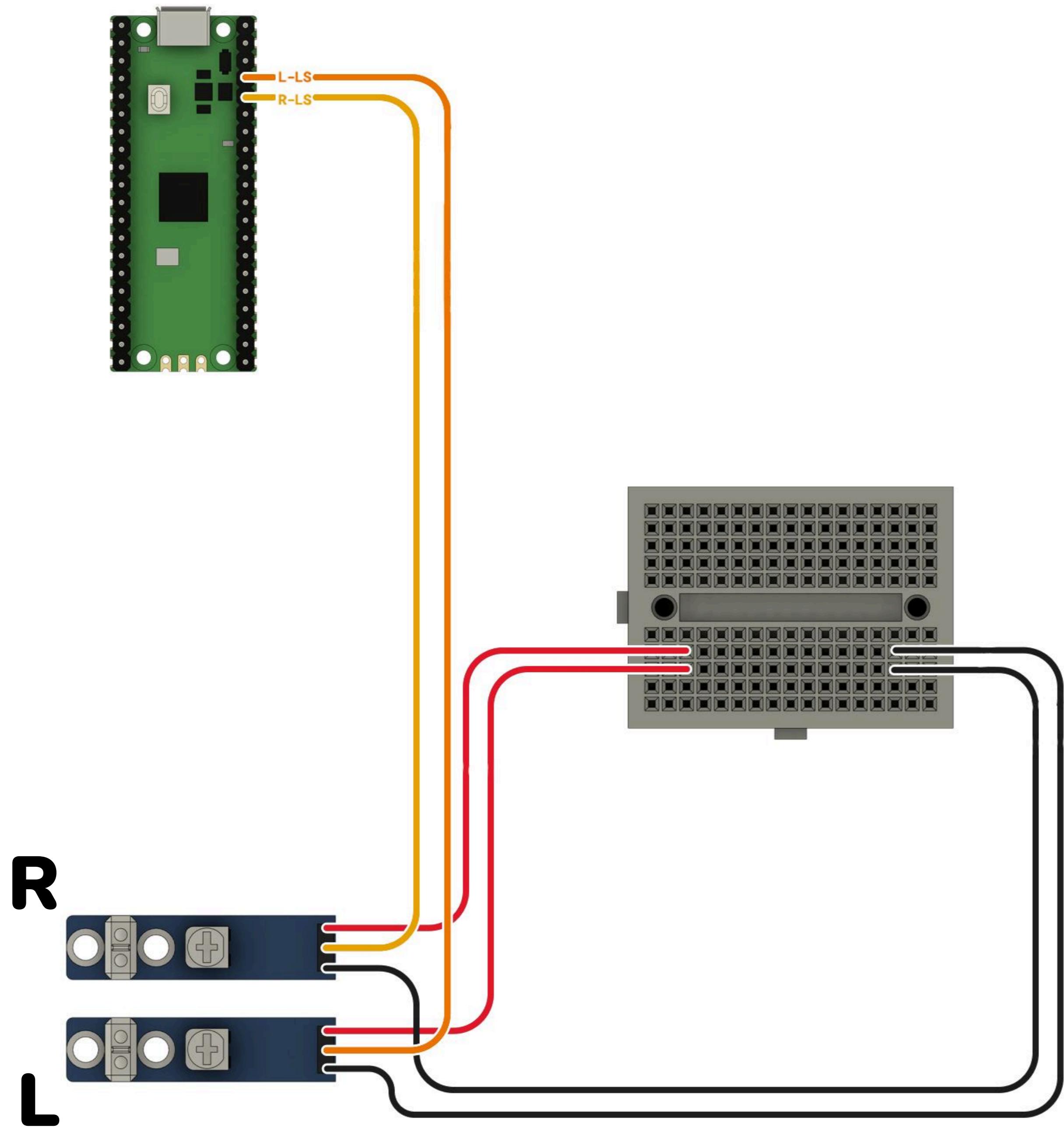


Screw Terminals
with screwdriver →

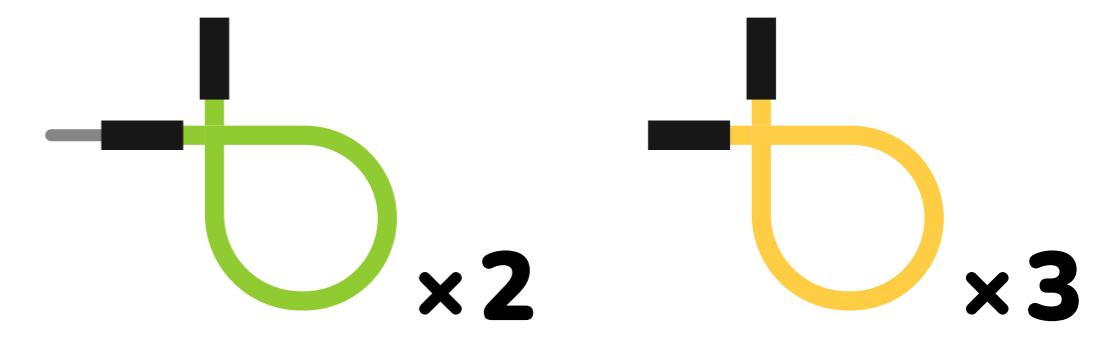
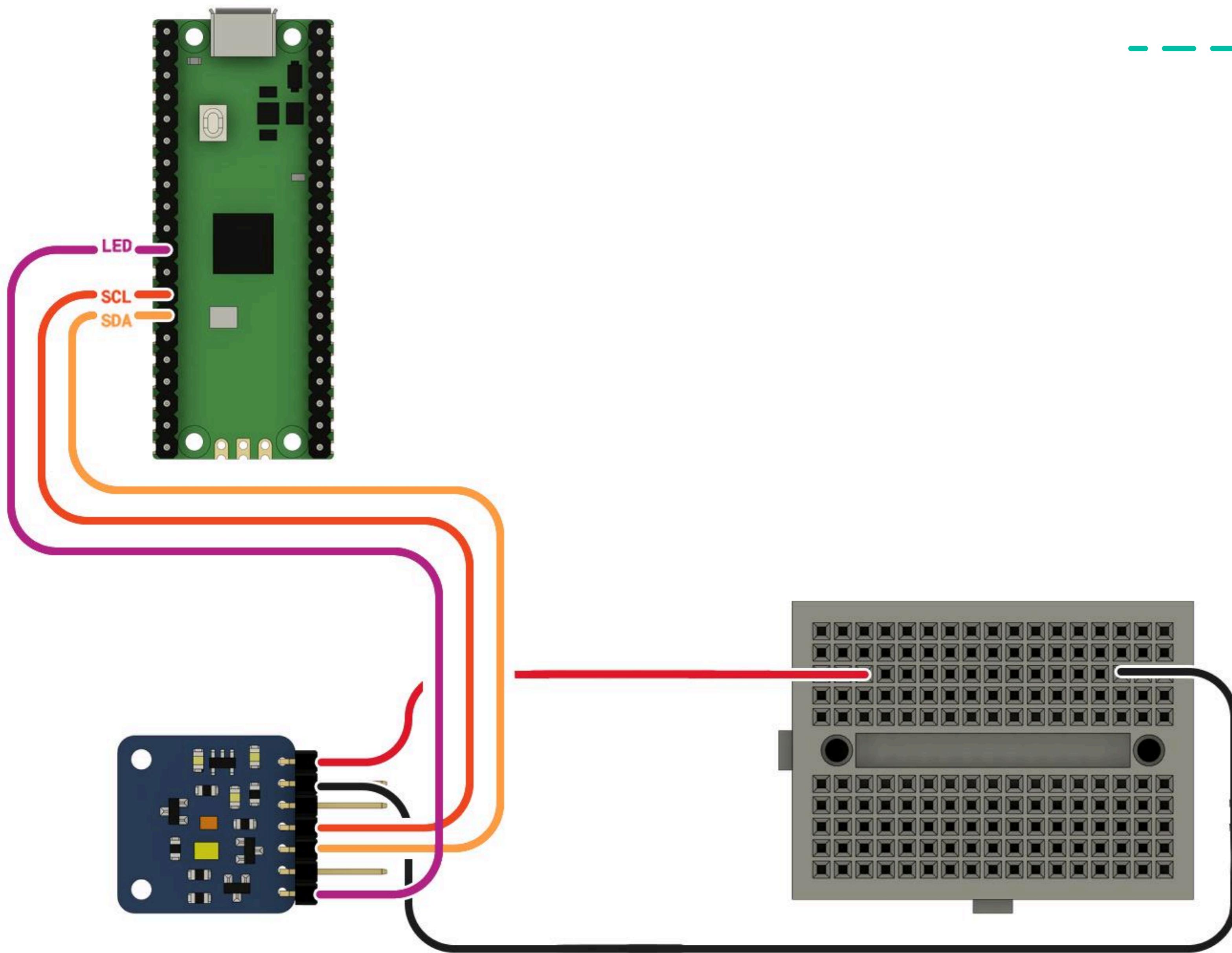


11

15

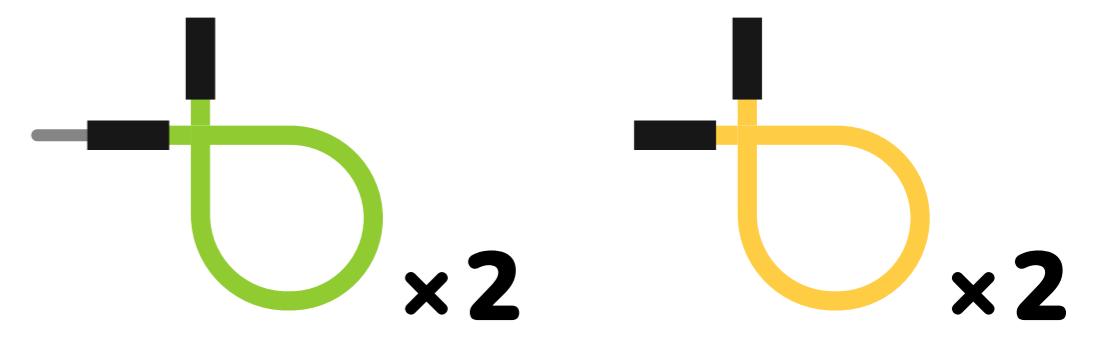
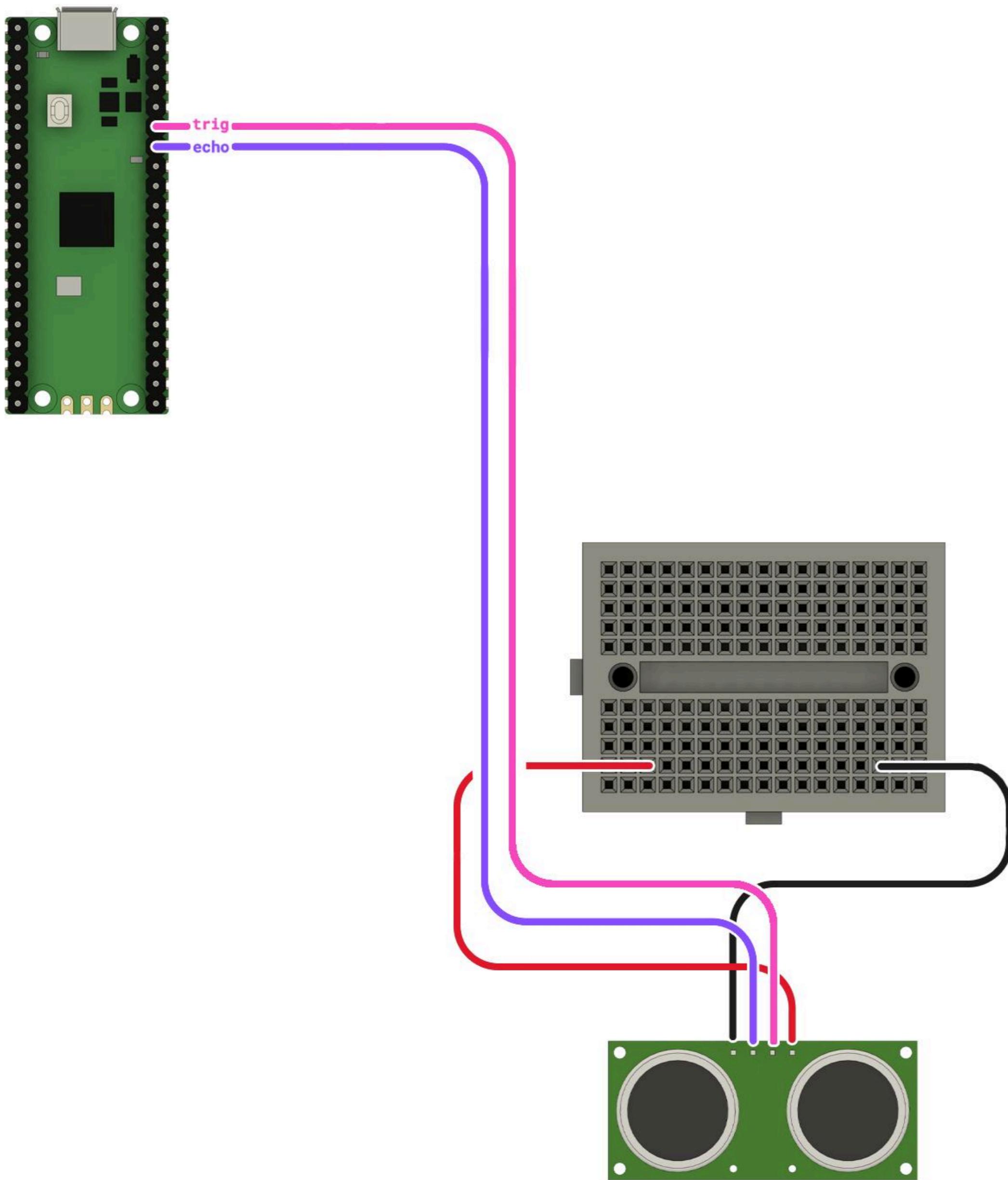


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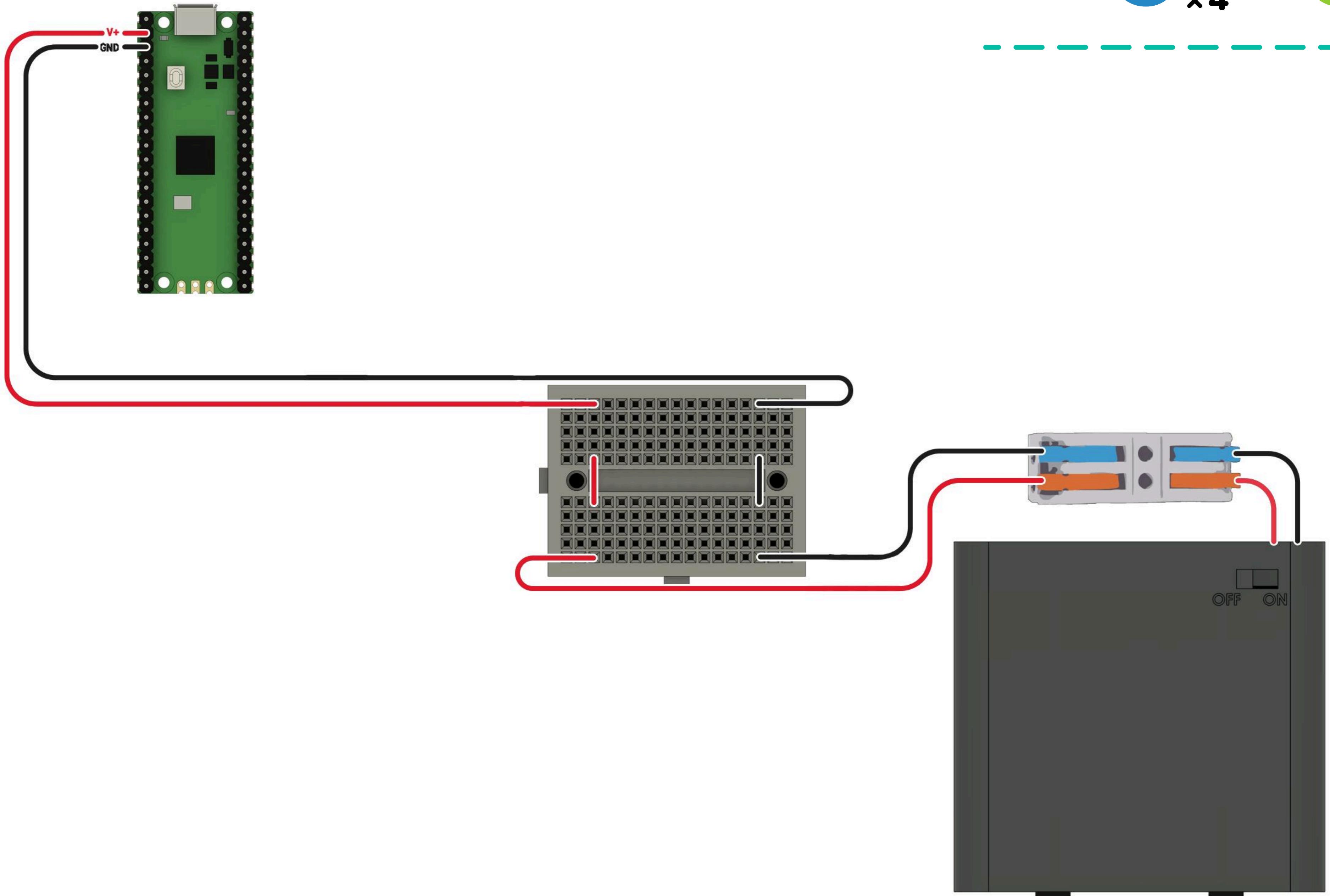
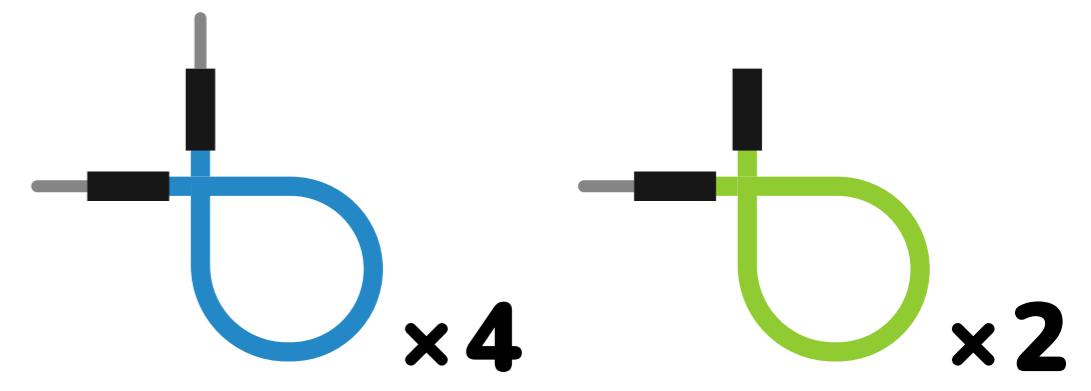
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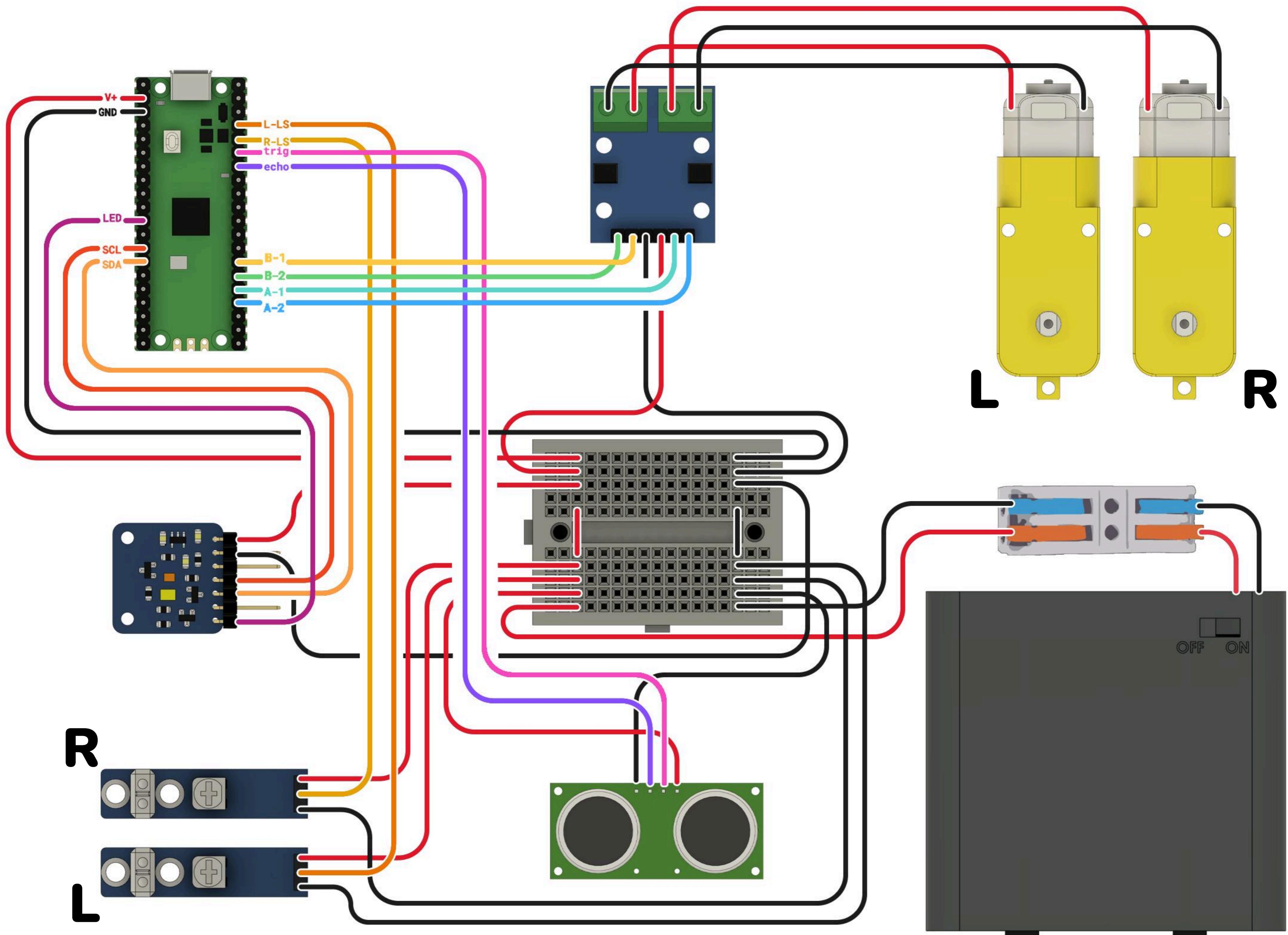


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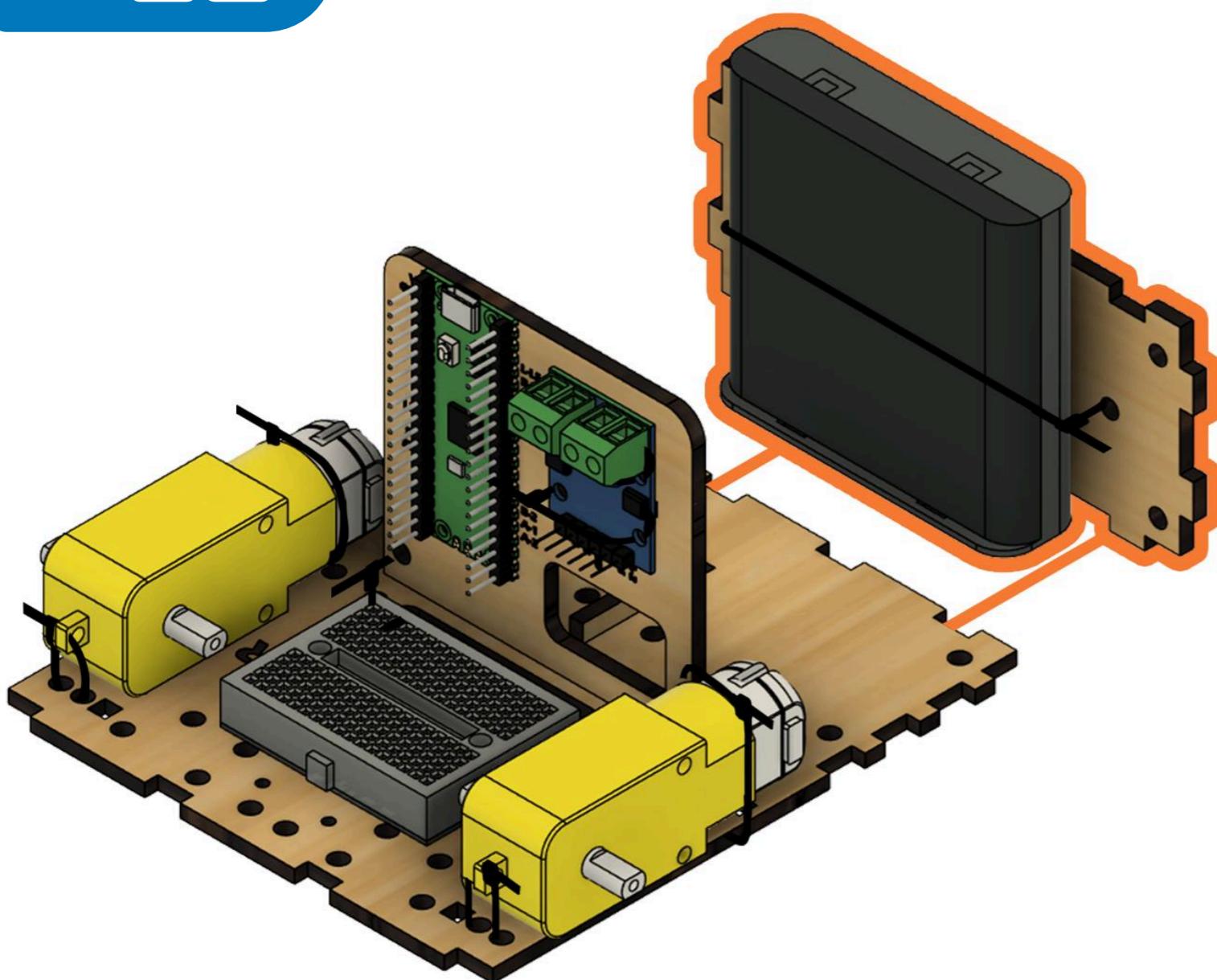
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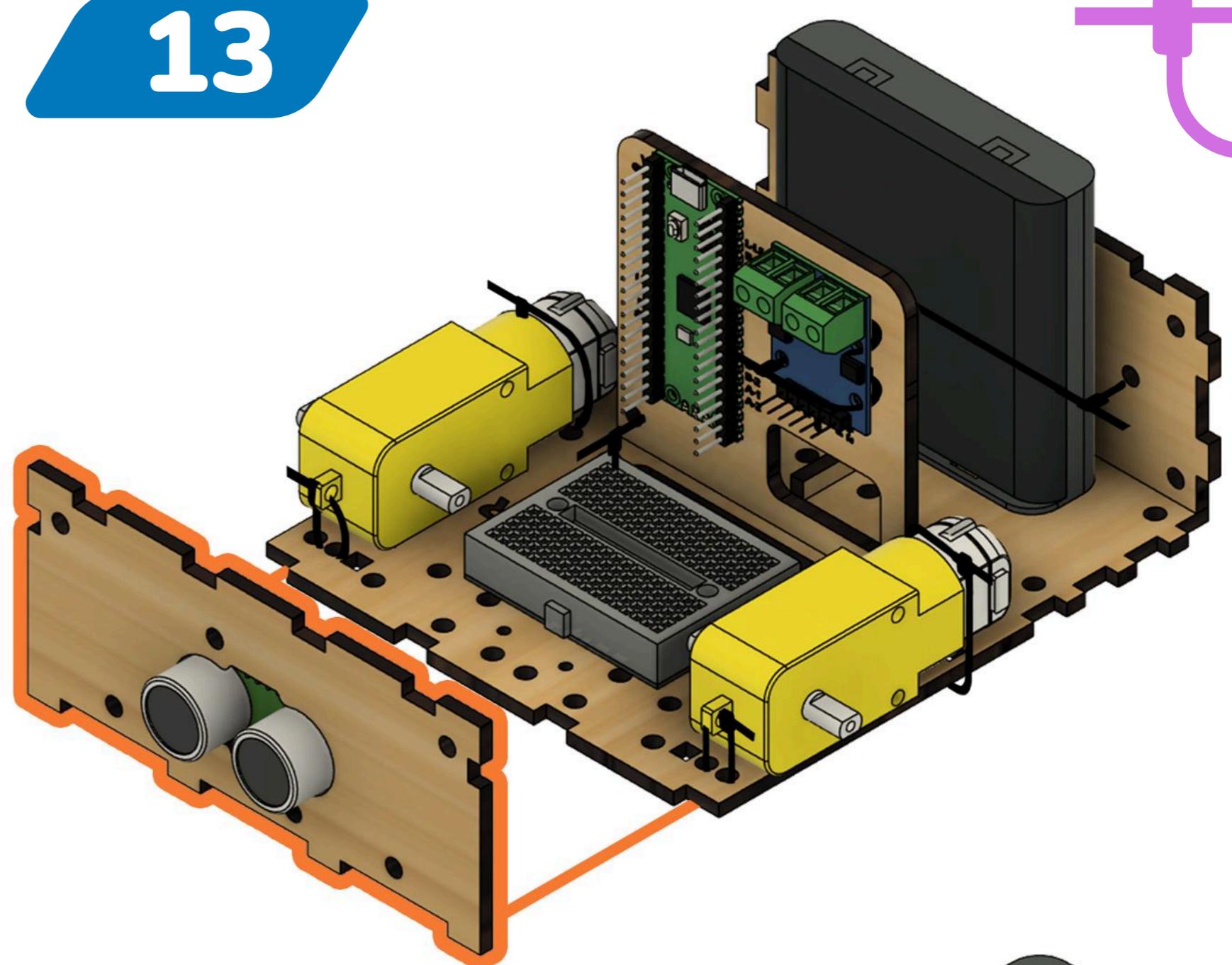


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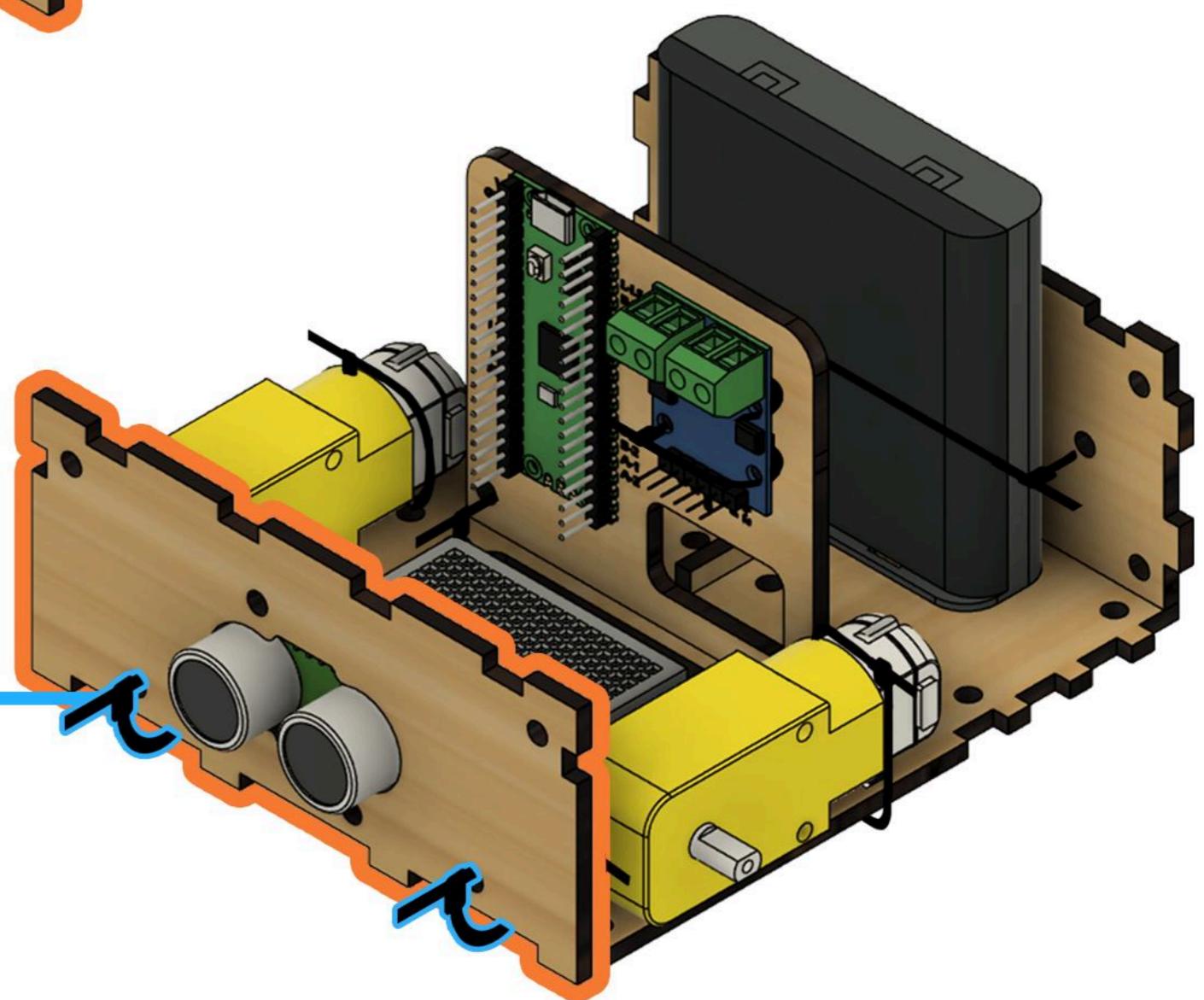
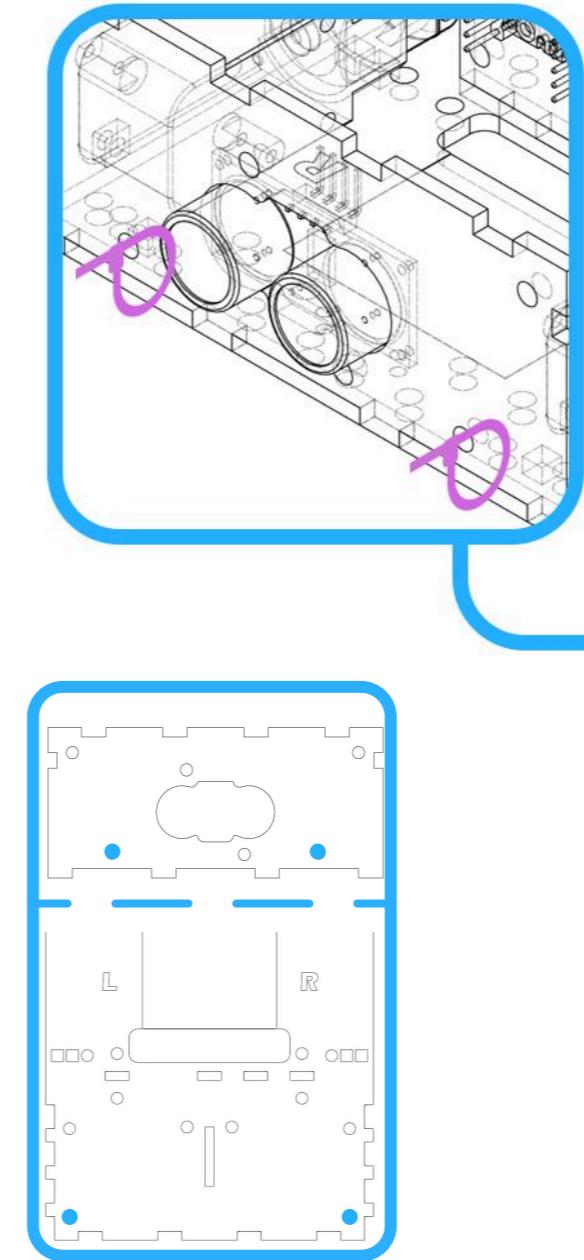
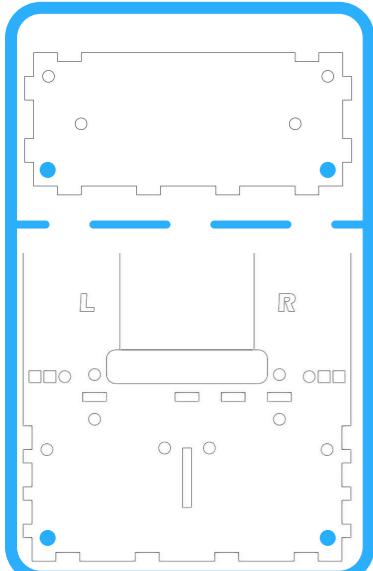
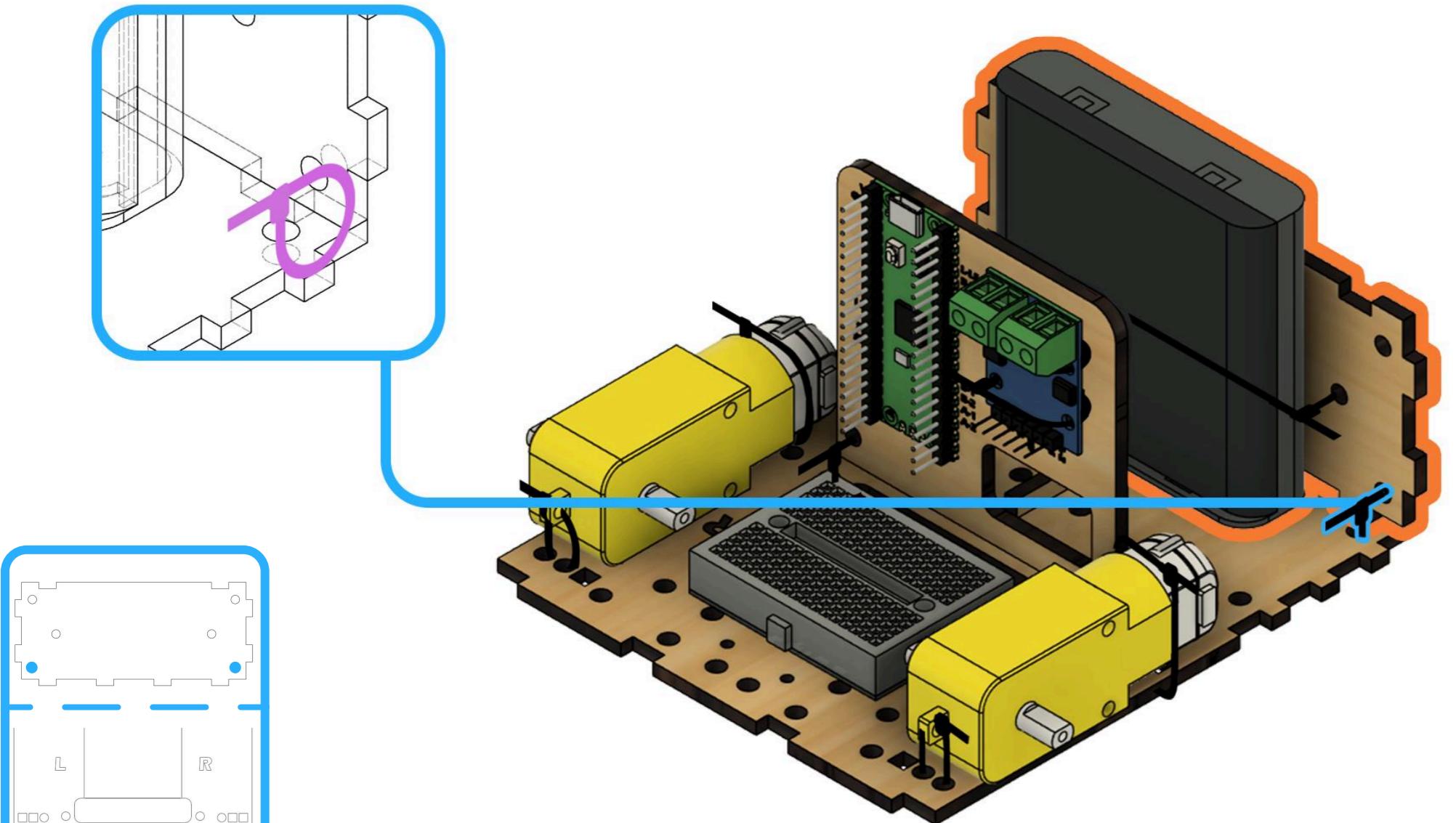


(zip tie)
x2

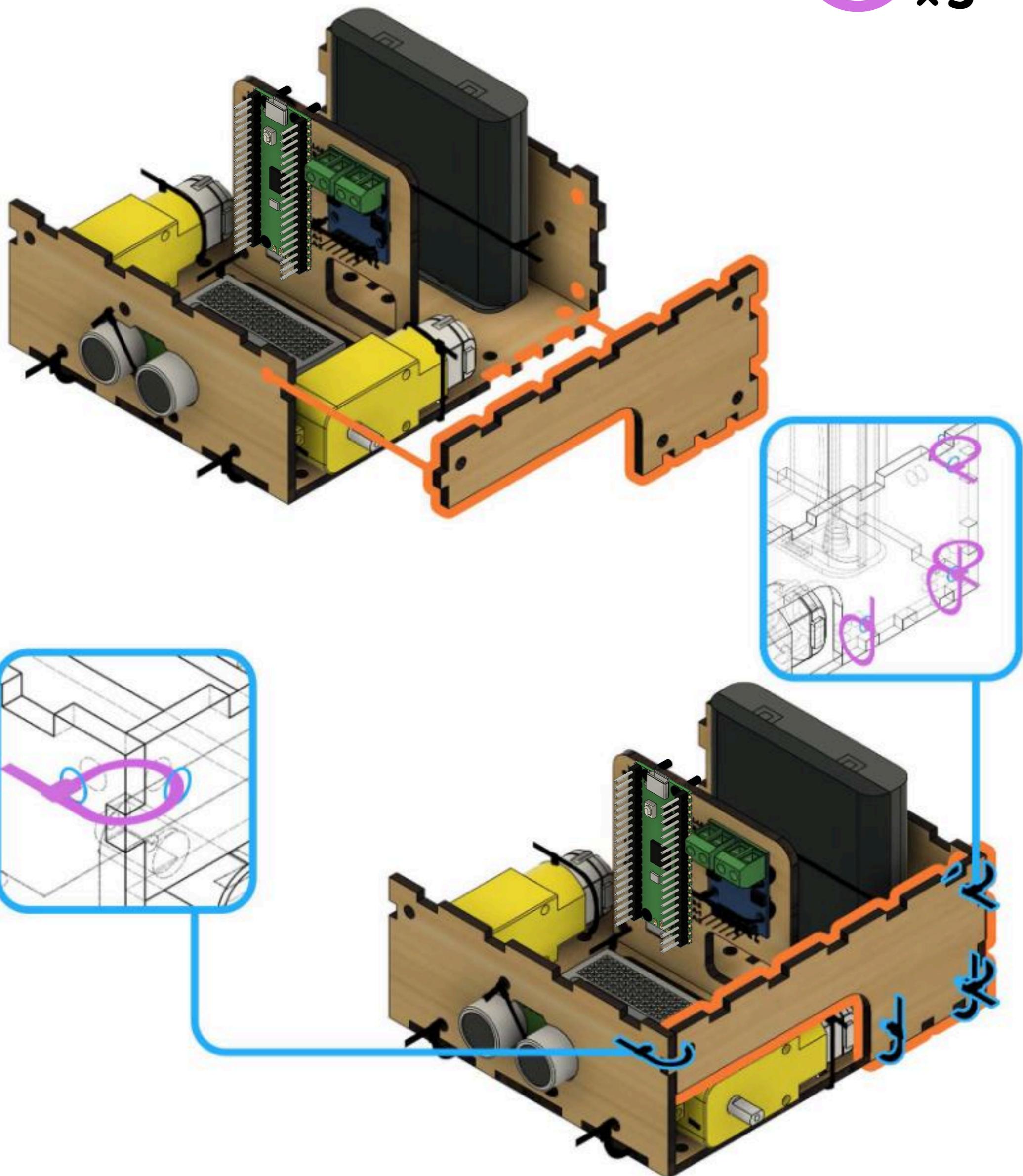
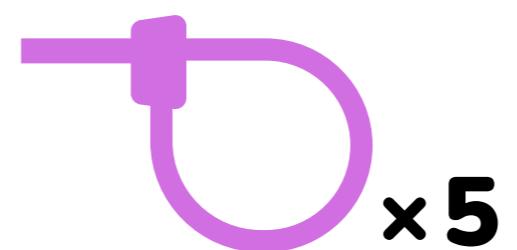
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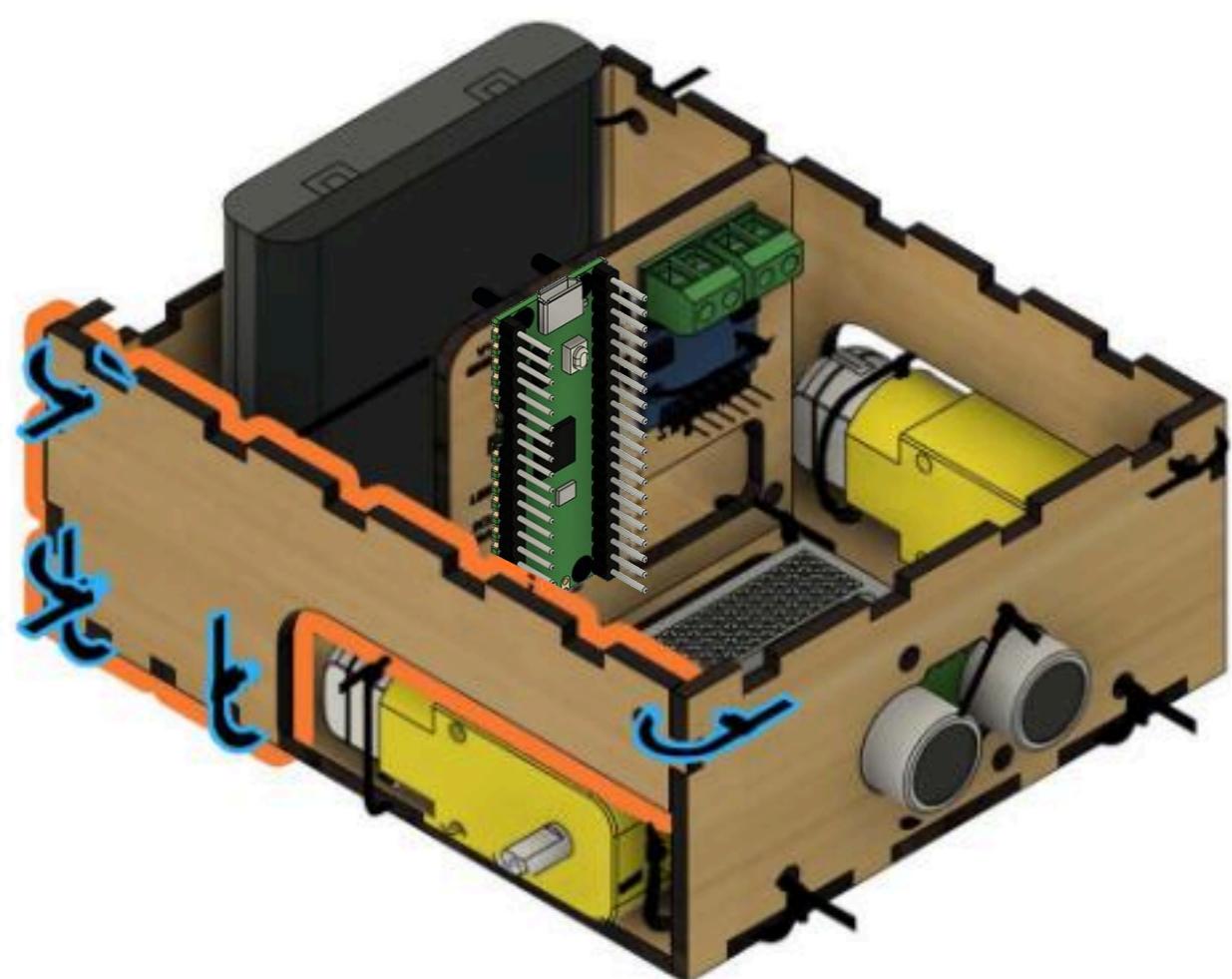
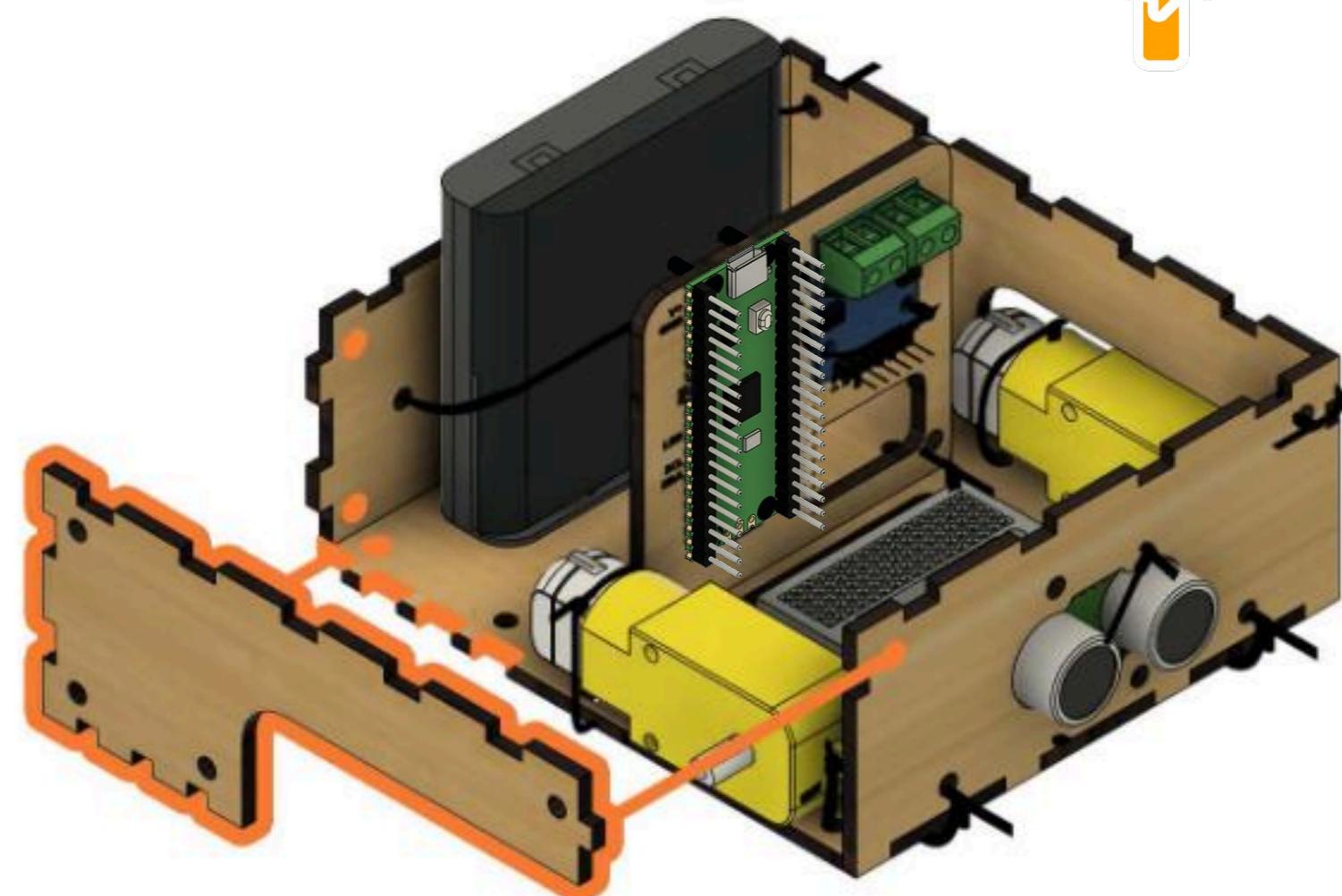
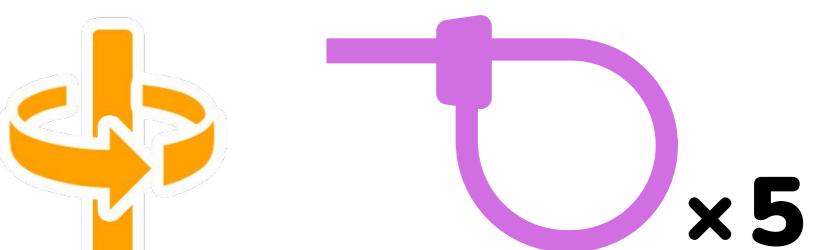
(zip tie)
x2



19

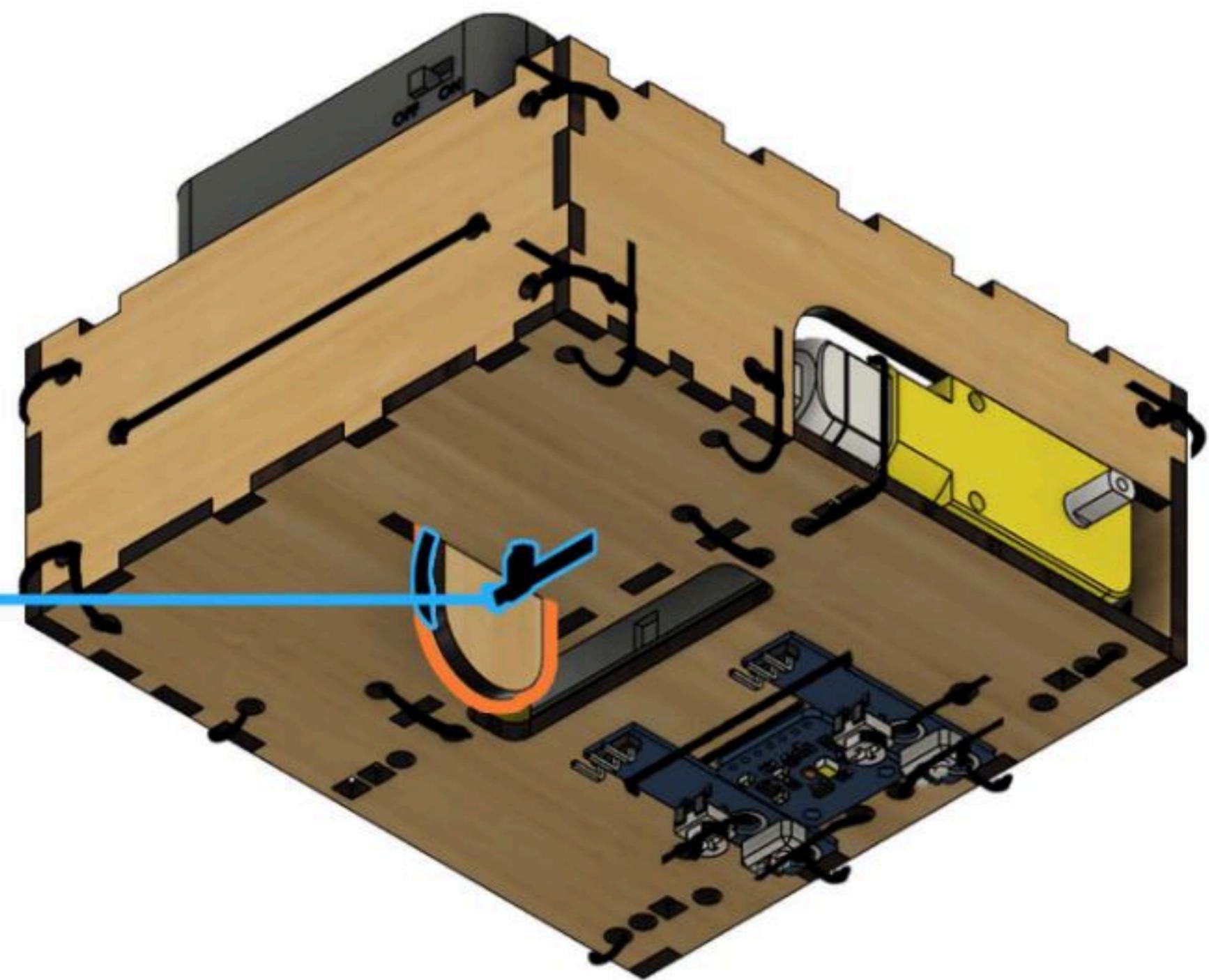
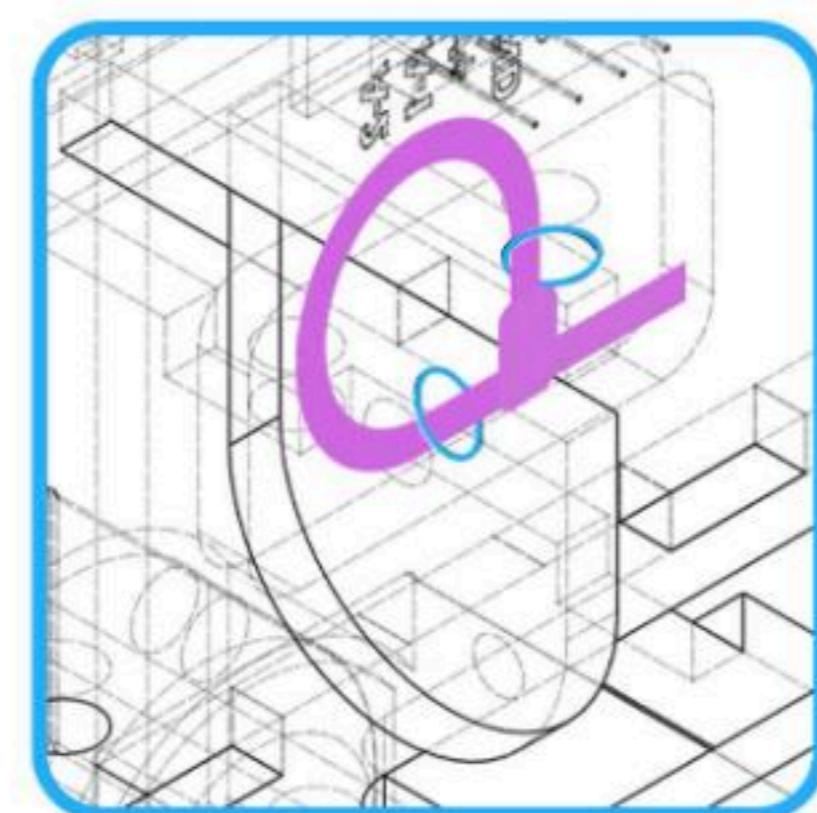
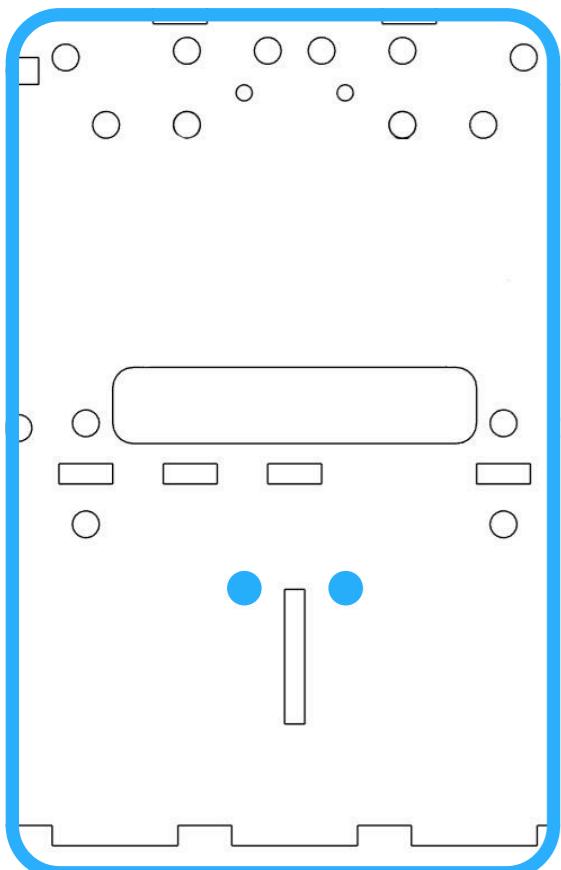
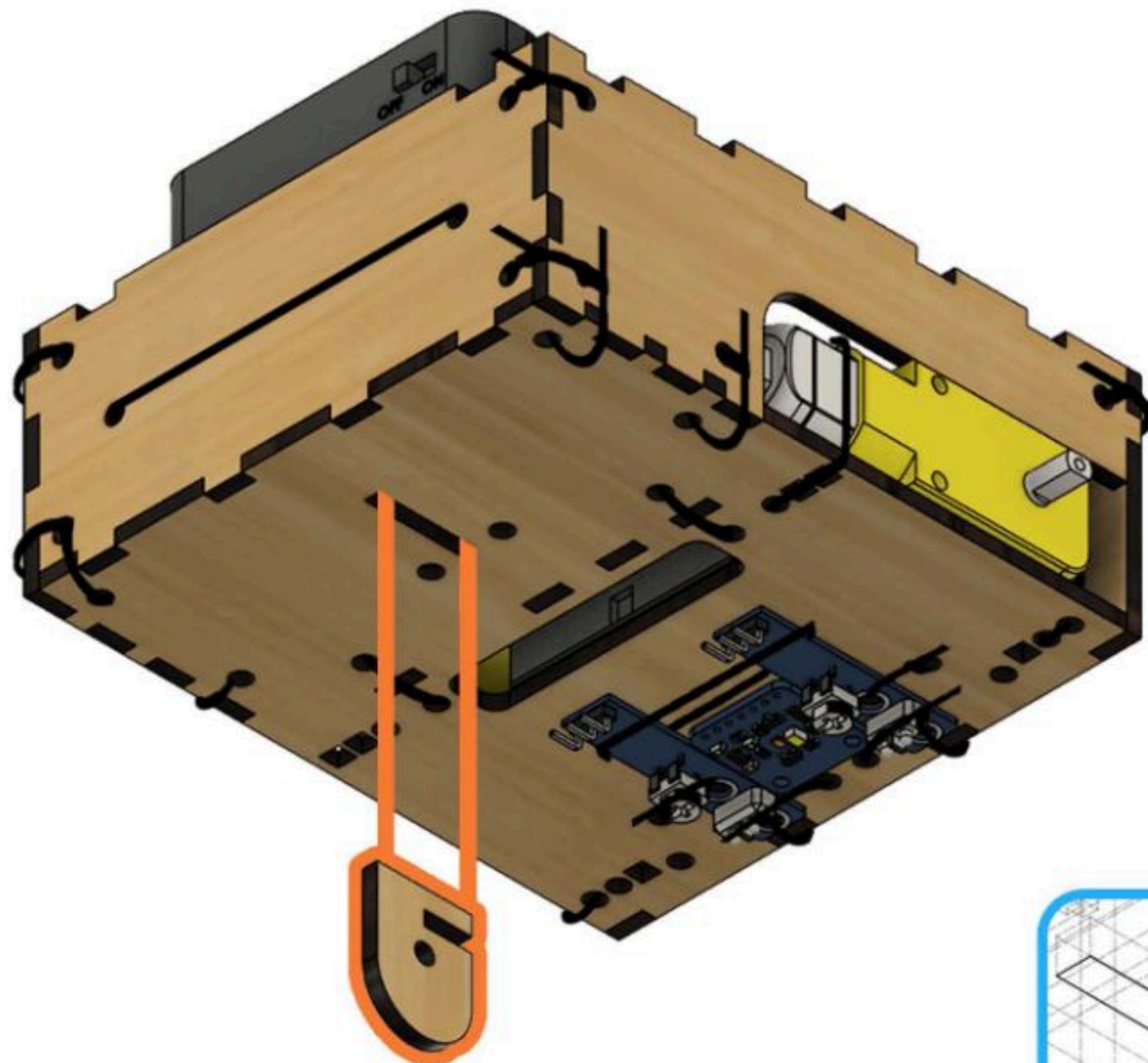


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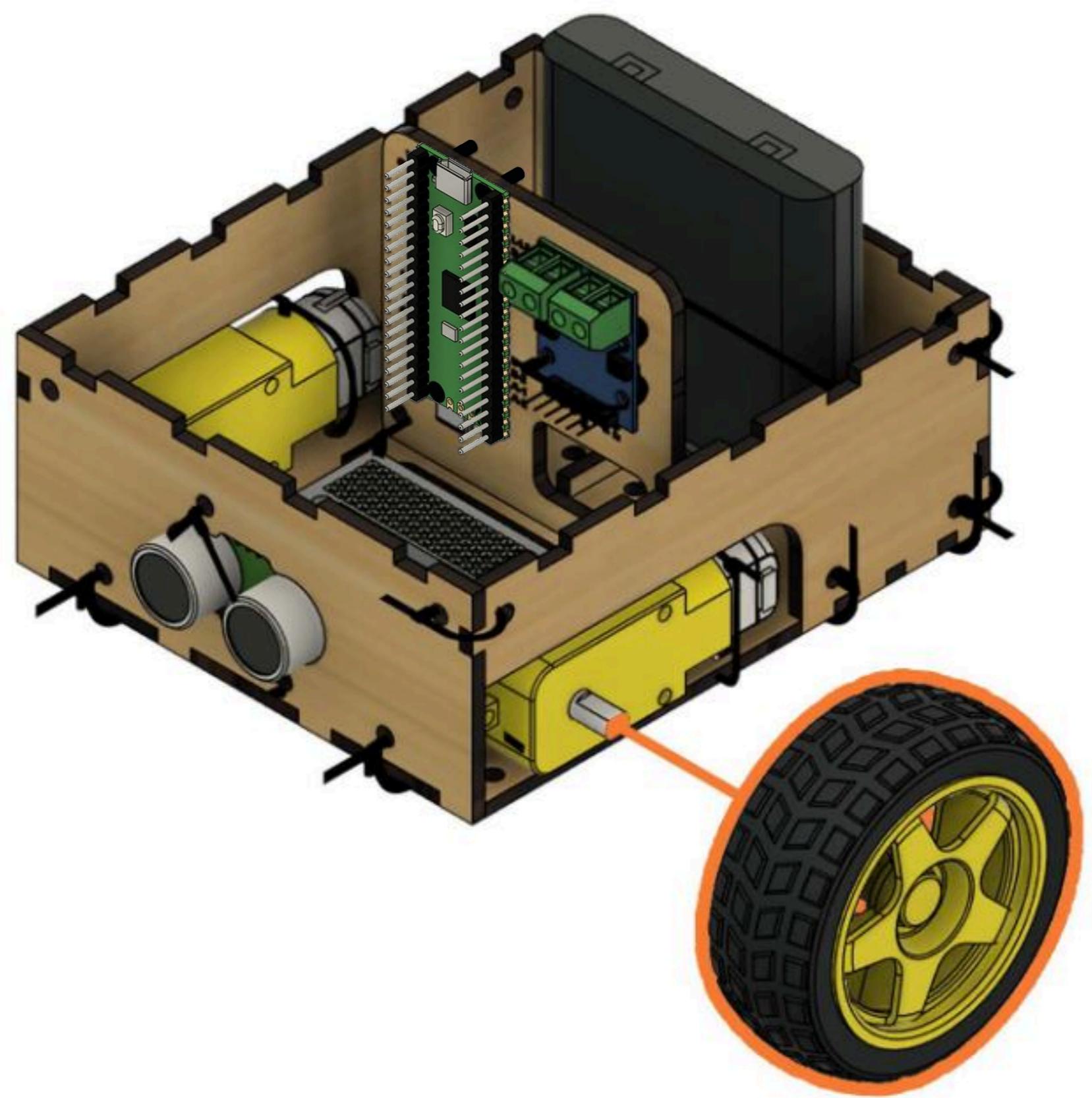


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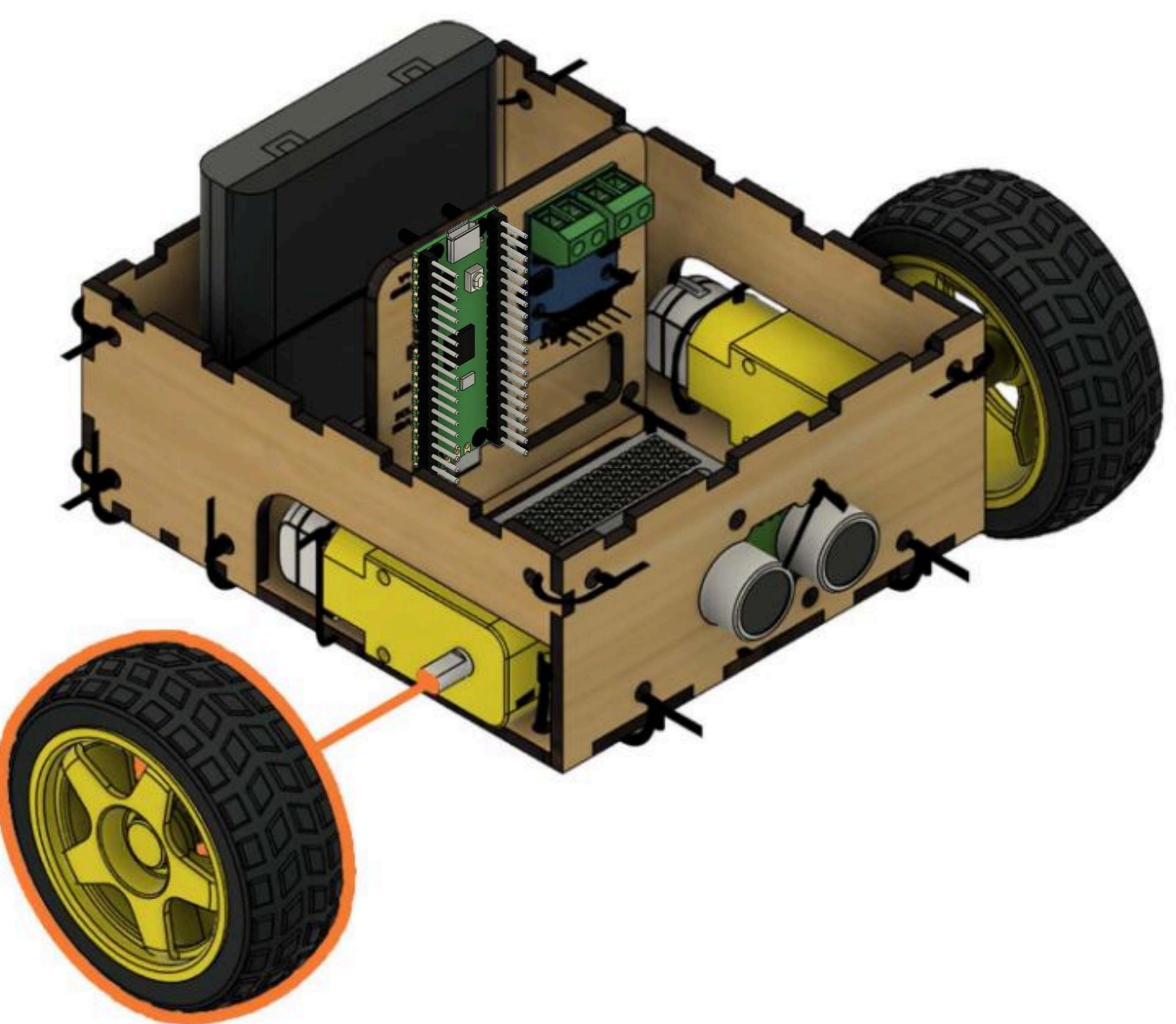
T_D
x1

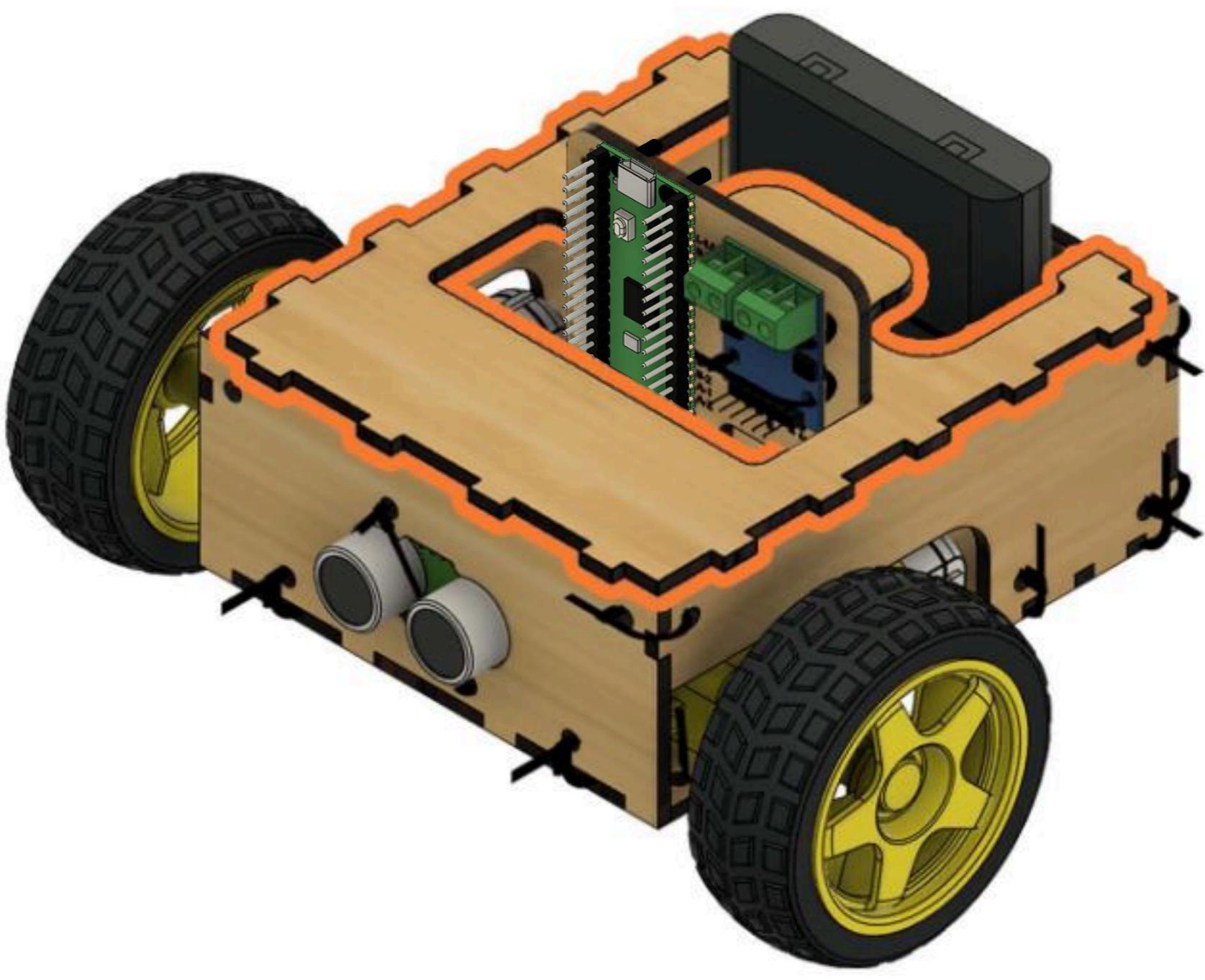
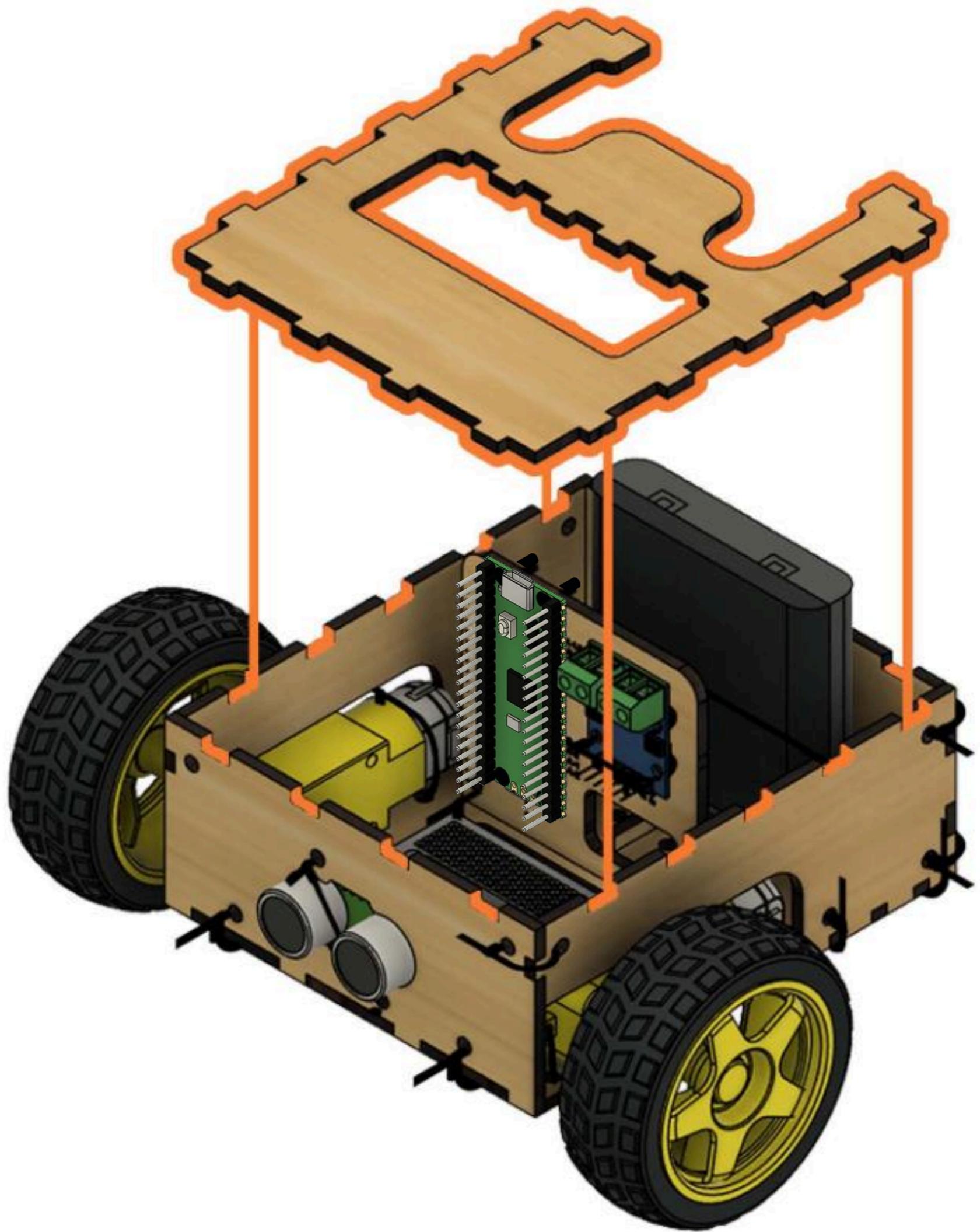


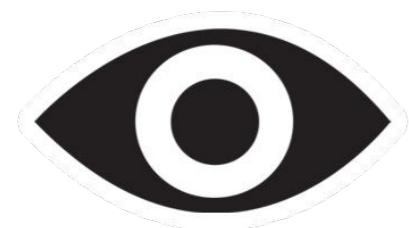
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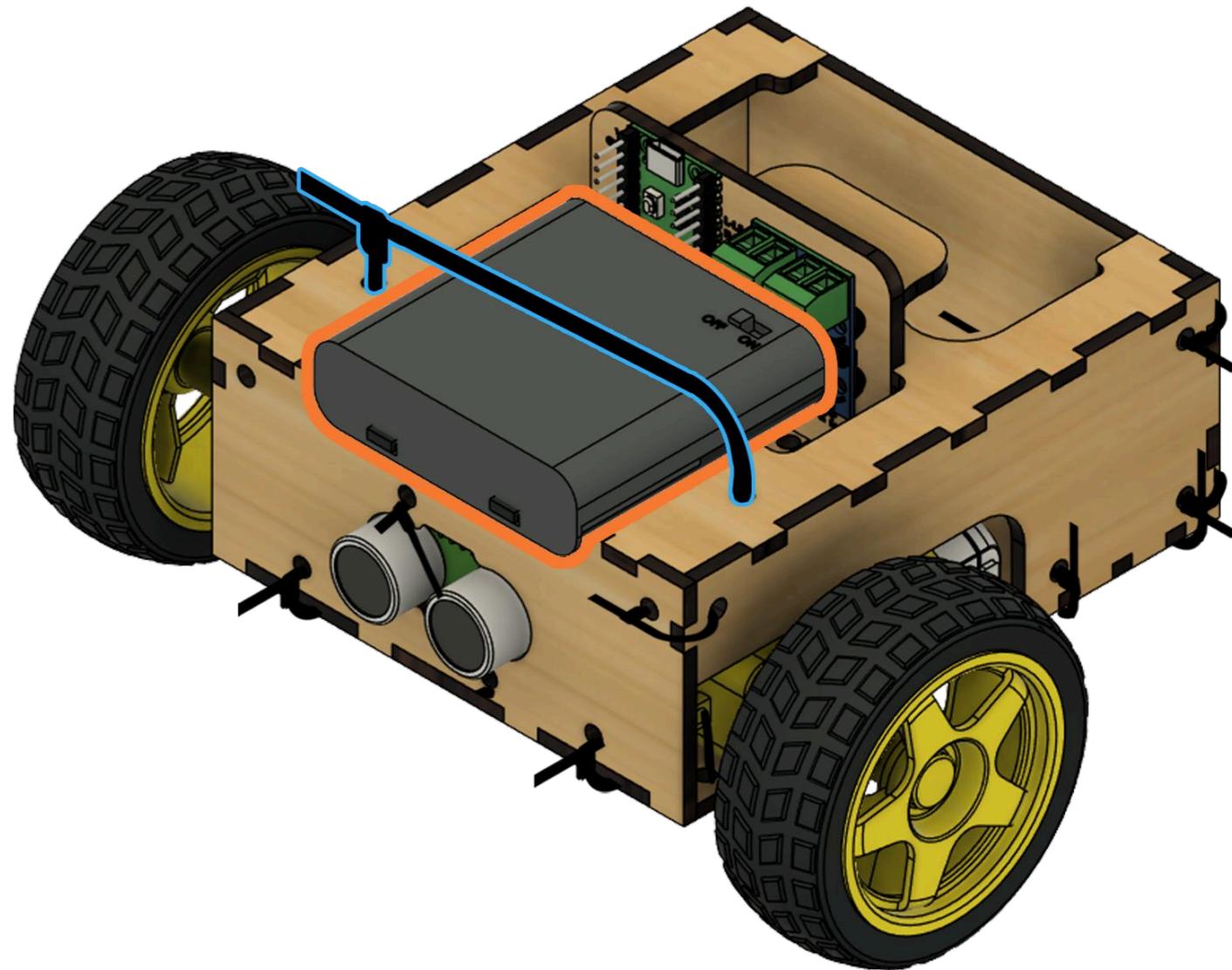
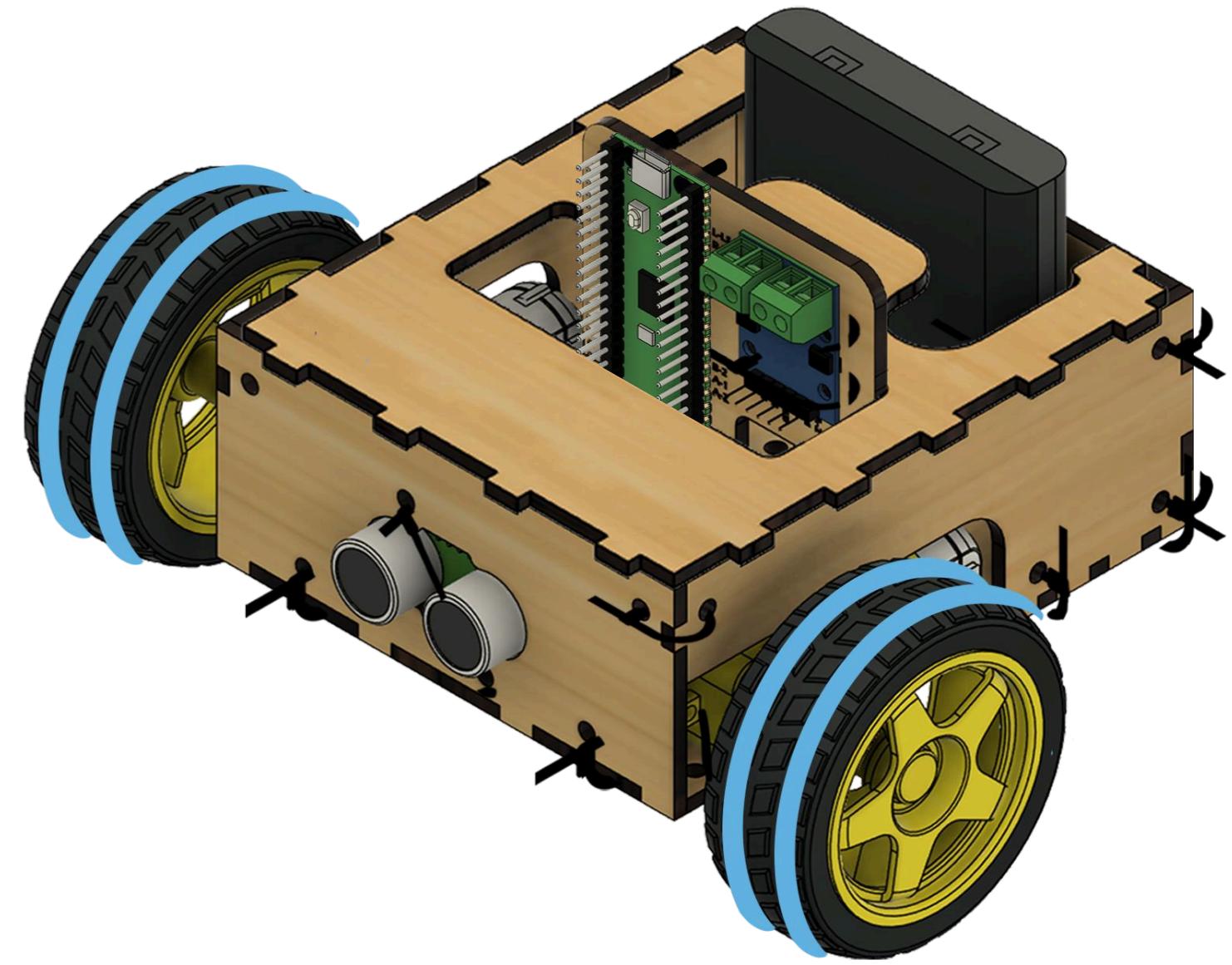


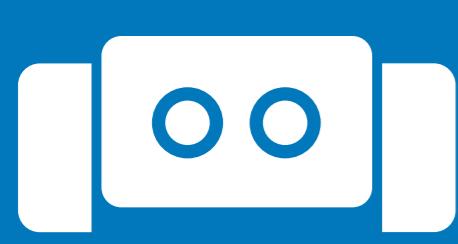




Attach the provided rubber bands to the wheels for improved traction.

For even better traction, attach the battery to the front to help with its center of mass.





Ro/Box

Assembly Guide

Base Kit