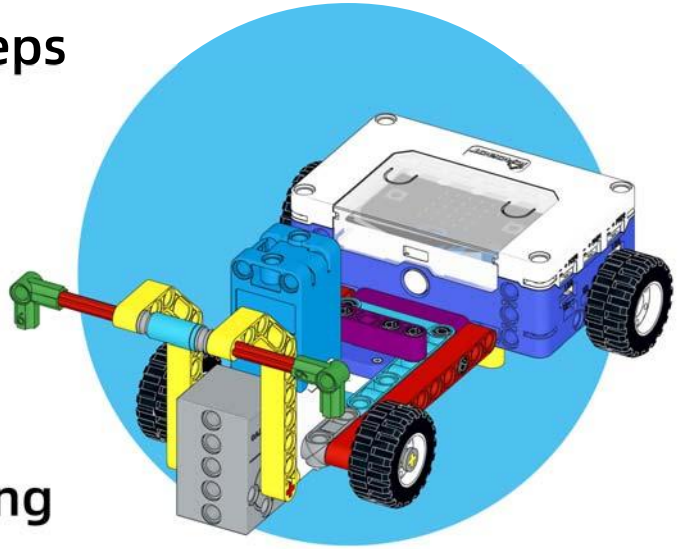
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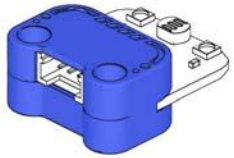
Building Steps



Line Counting Master

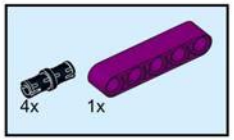
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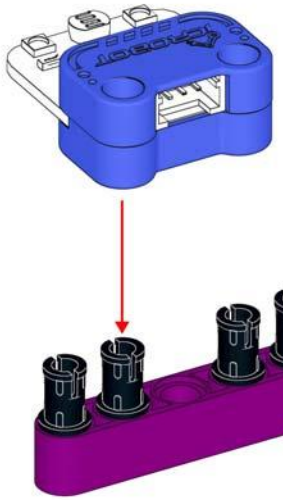


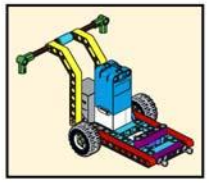


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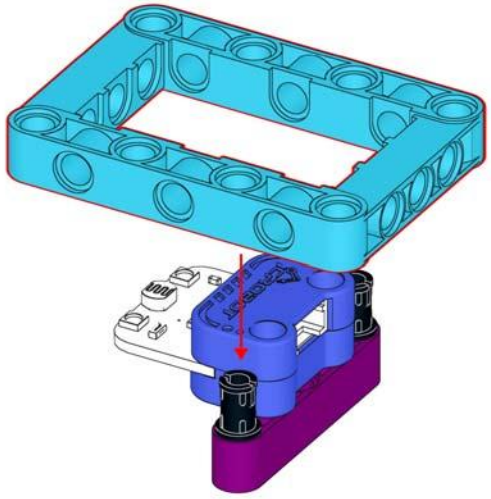
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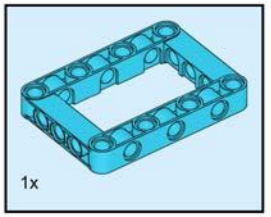


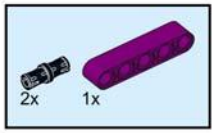




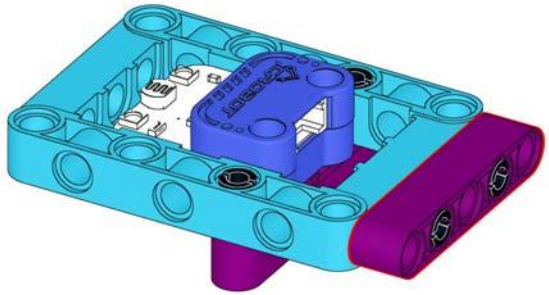
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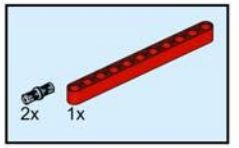




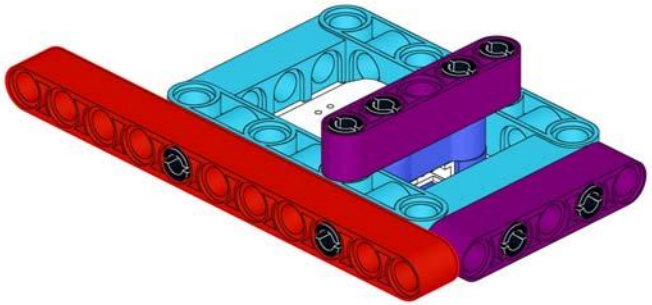


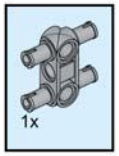
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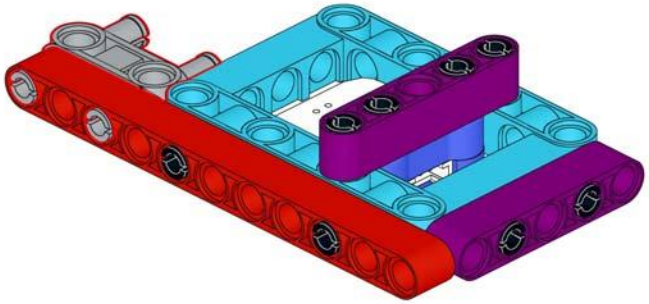


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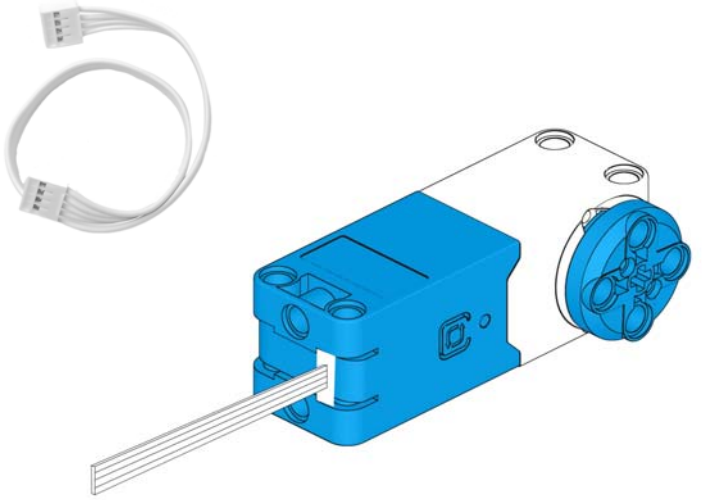




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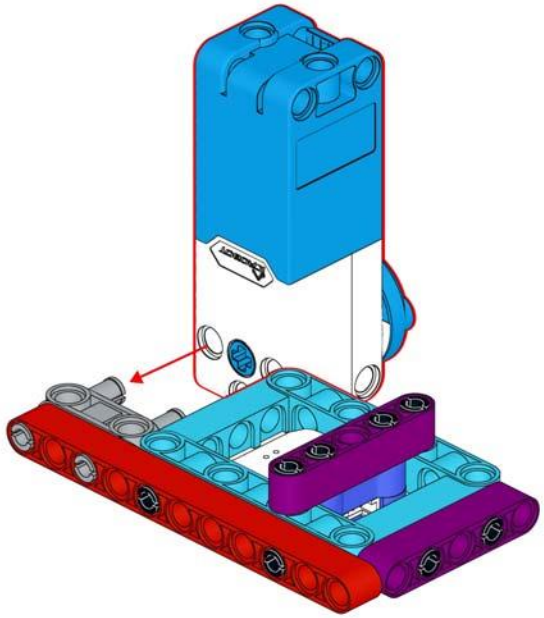


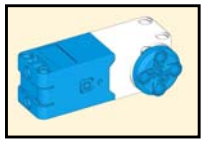
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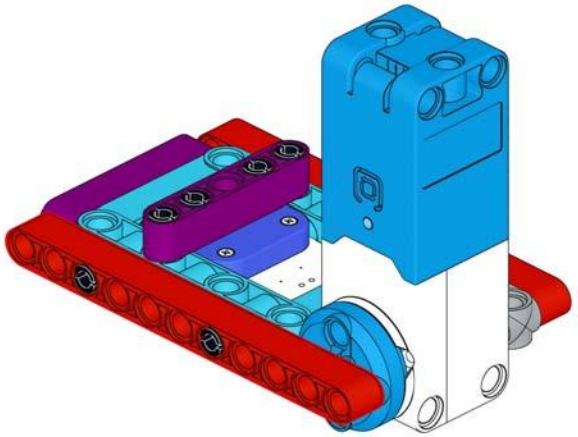
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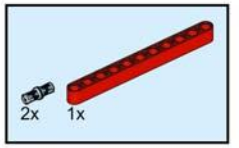
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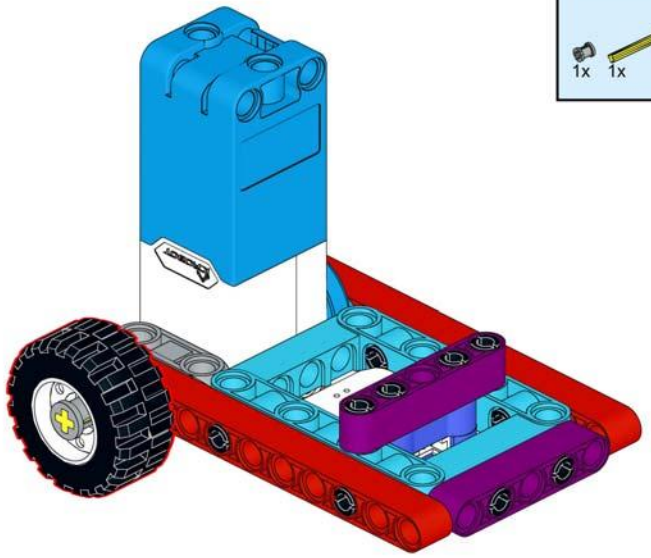


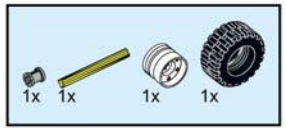
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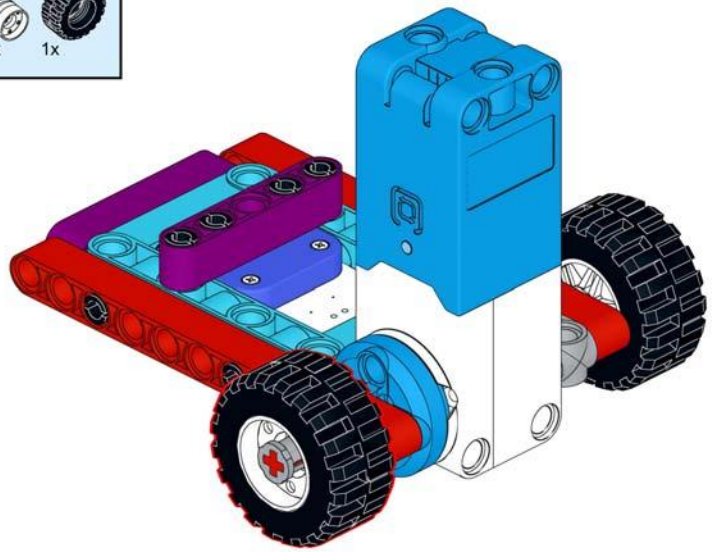


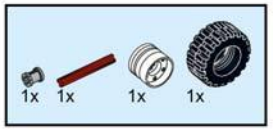
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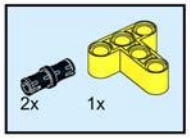


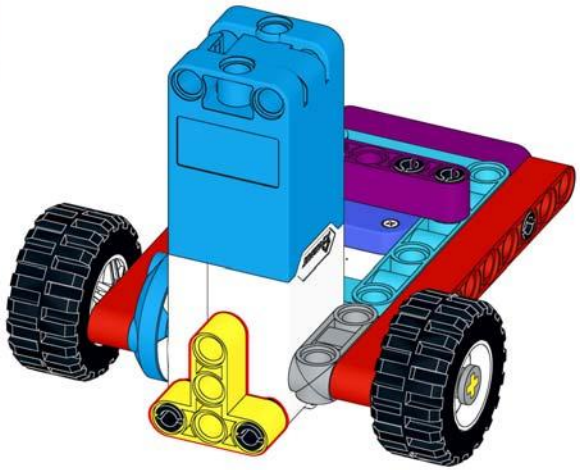
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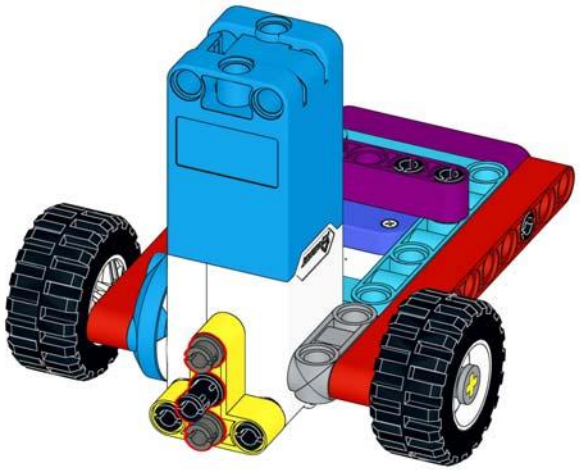
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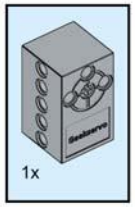


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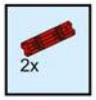


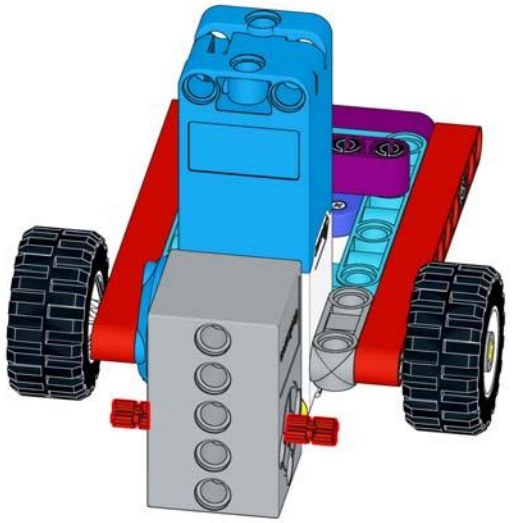


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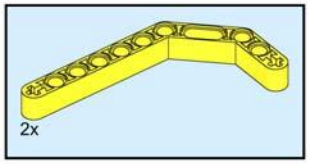


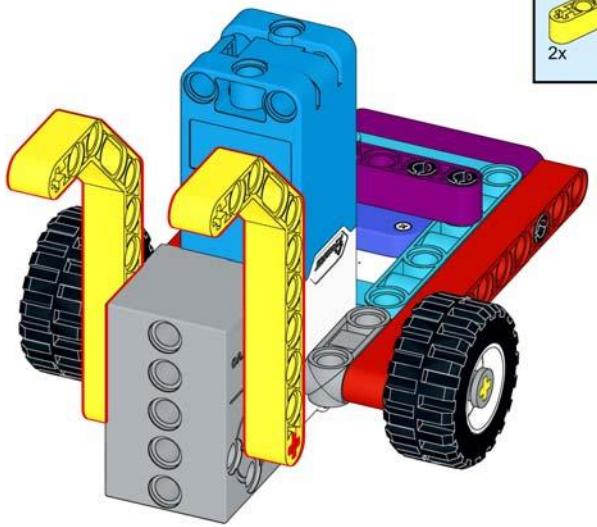
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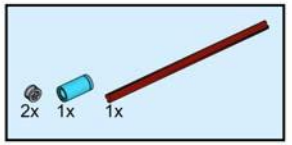


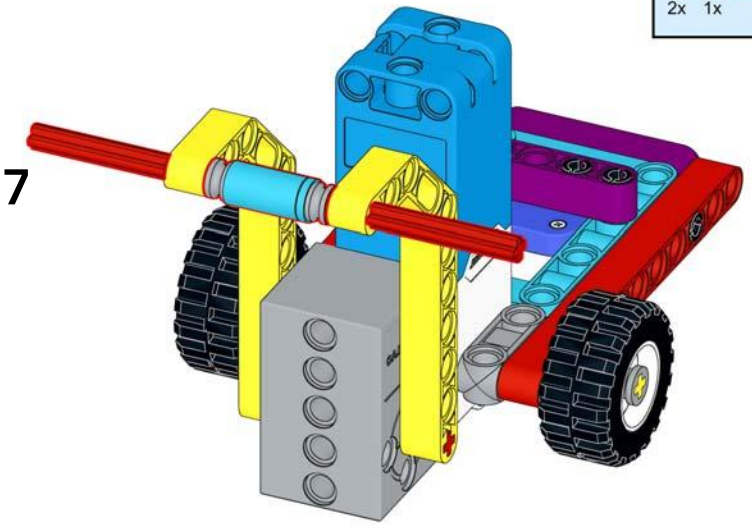
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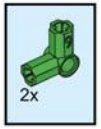


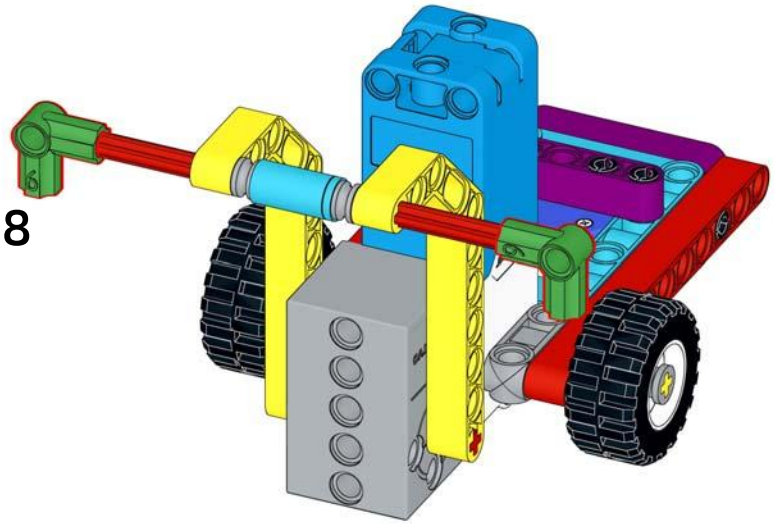
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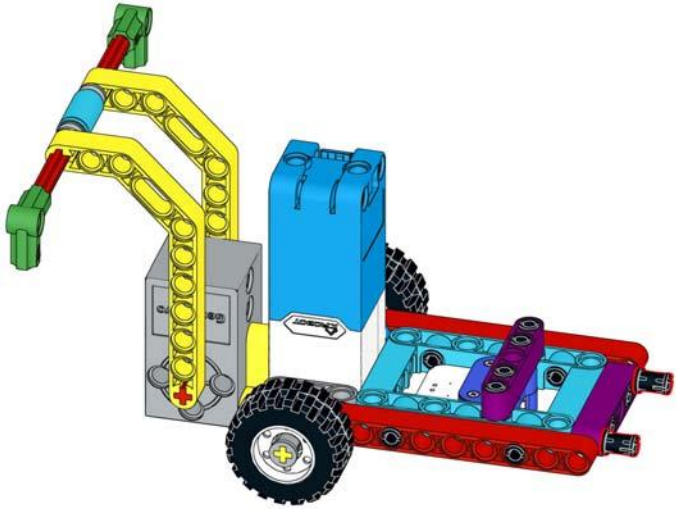
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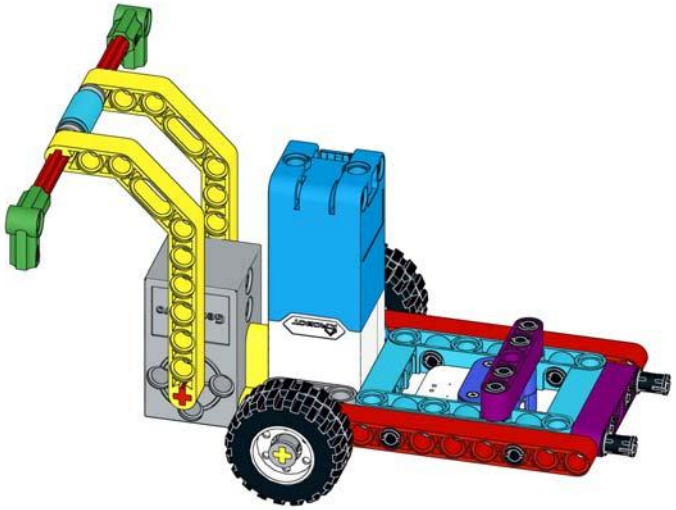


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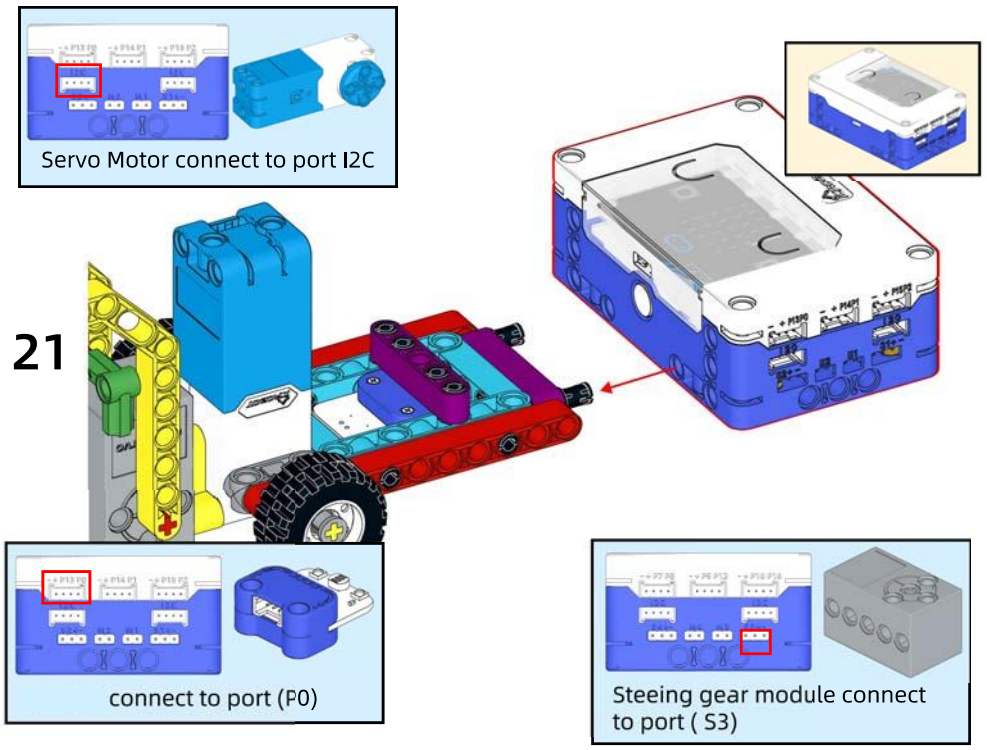




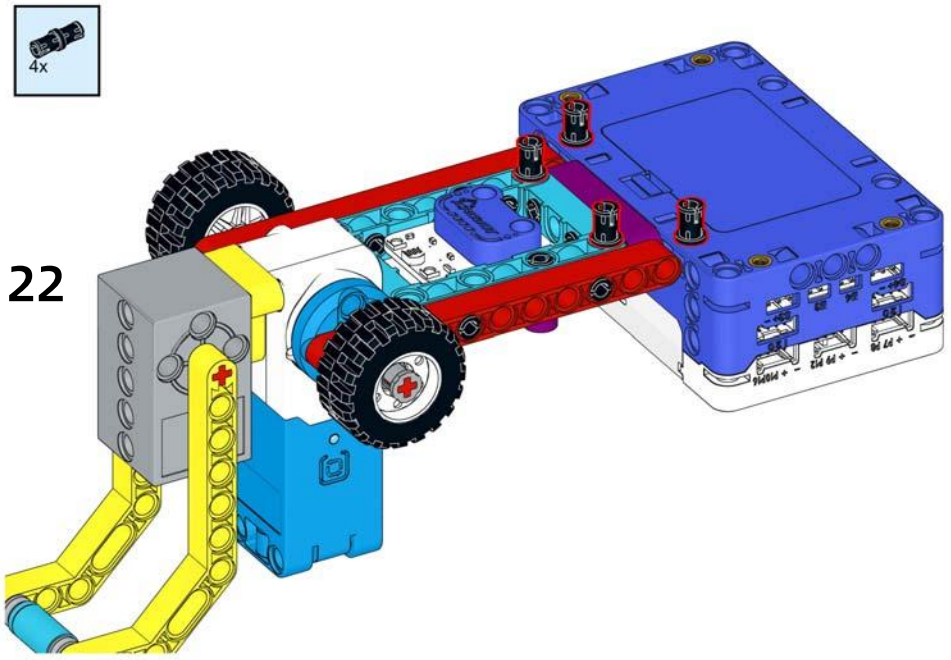
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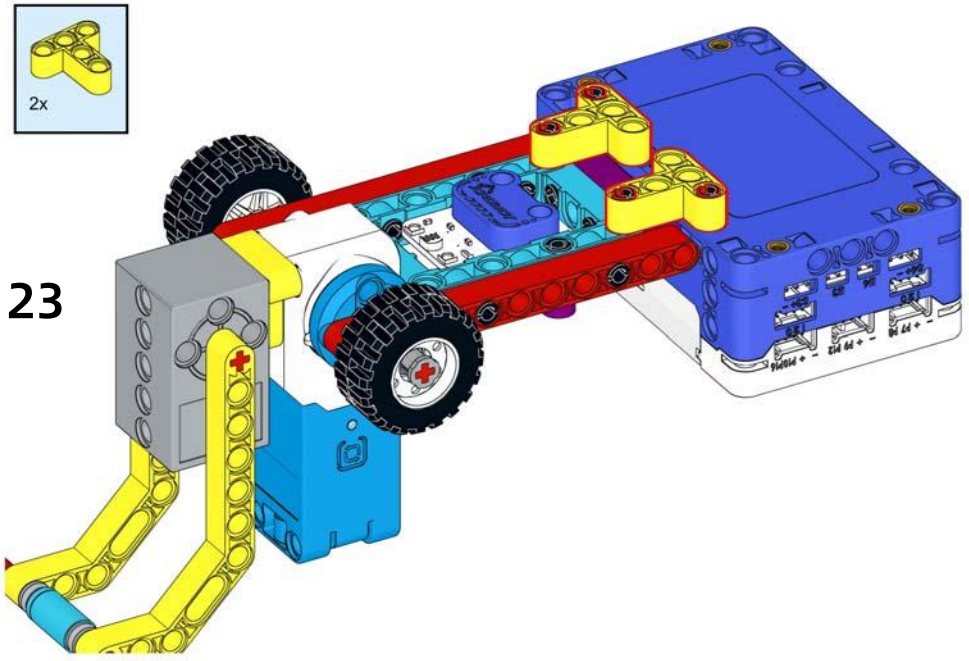
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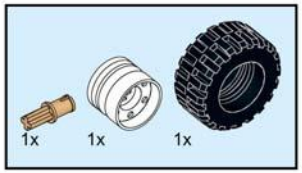

Servo Motor connect to port I2C
connect to port (P0)
Steeing gear module connect to port (S3)

22

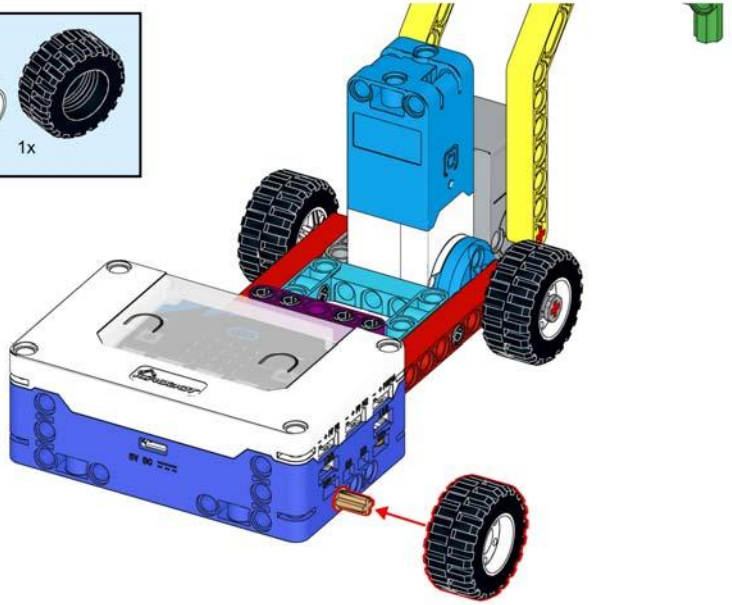

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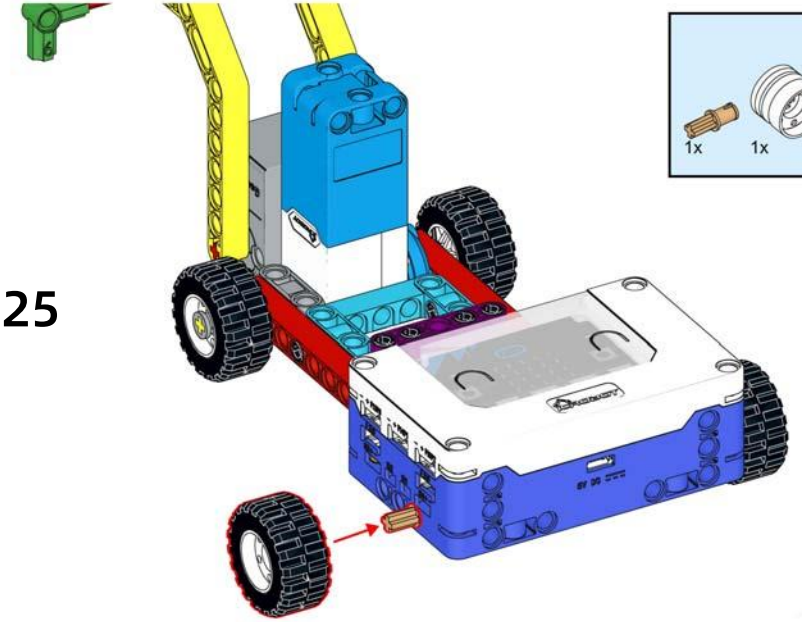
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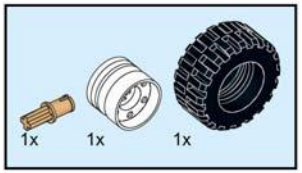

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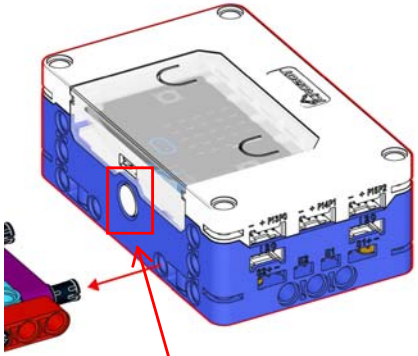
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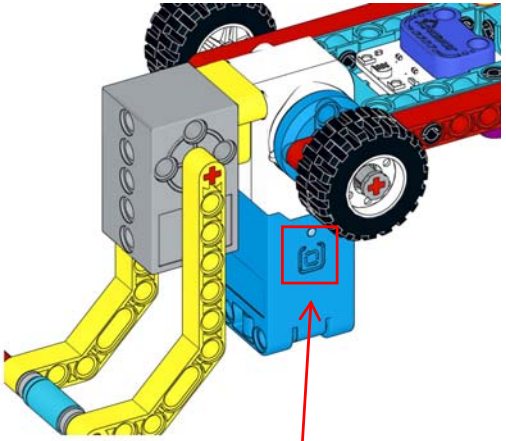




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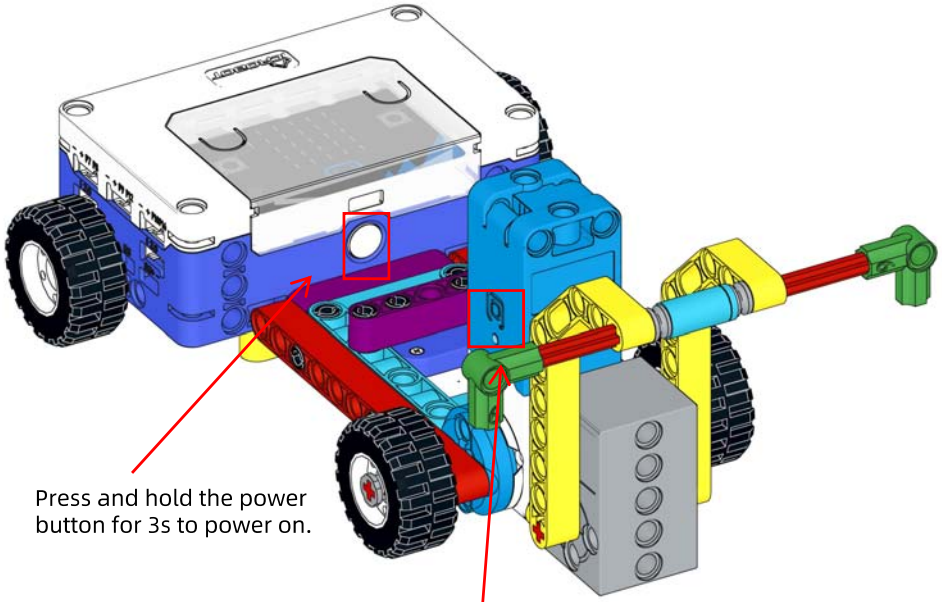


Press and hold the power button for 3s to power on.



Press and hold the mode button until the light turns red, then release.

26

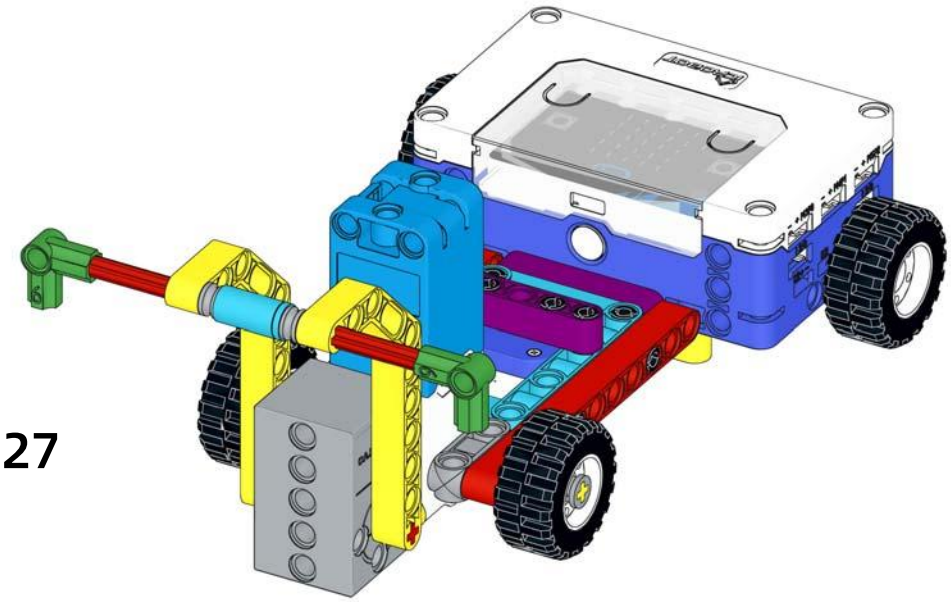


Press and hold the power button for 3s to power on.

Press and hold the mode button until the light turns red, then release.

26

27



```
on start
    Initialize OLED
forever
    show number line
on button A pressed
    change line by 1
    if line > 3 then
        set line to 0
on button B pressed
    Servo S3 angle 150
    pause (ms) 1000
    while line > 0
    do
        red Motor rotate at 20
        if Grayscale Sensor P0 > 450 then
            while Grayscale Sensor P0 > 450
            do
                red Motor rotate at 40 in 0.5 seconds
                change line by -1
    red Motor rotate at 0
    Servo S3 angle 90
    pause (ms) 1000
    red Motor rotate at -100 in 2 seconds
```