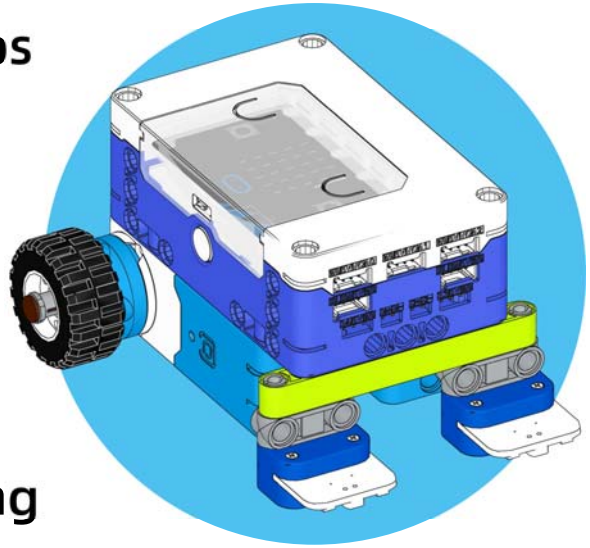
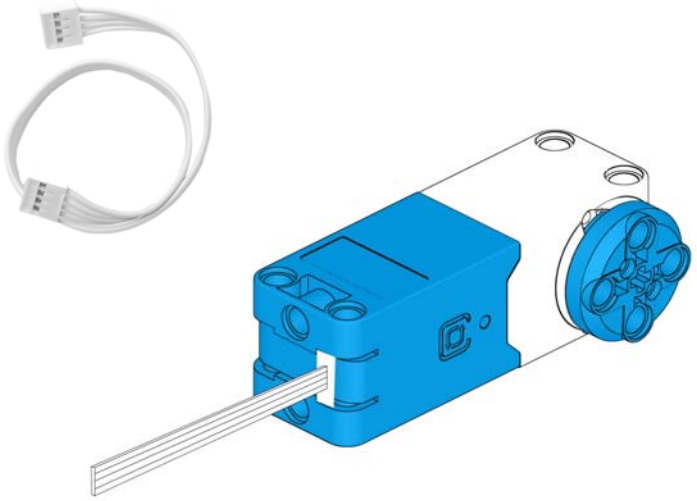
micro: bit

Building Steps



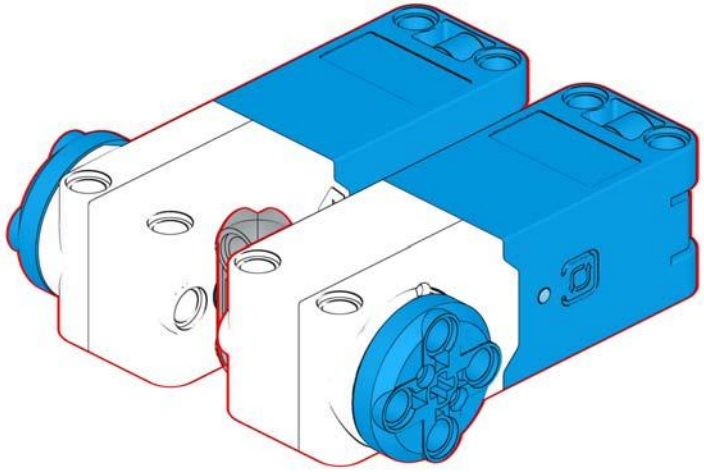
Line Following Master

1



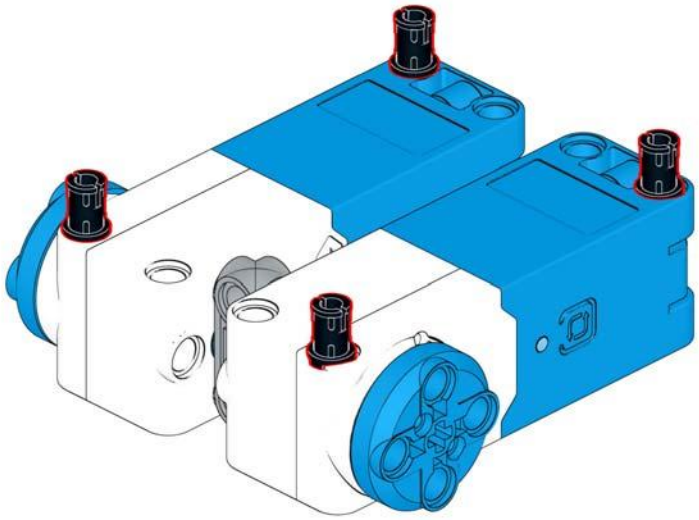
Please connect the data cable.

2

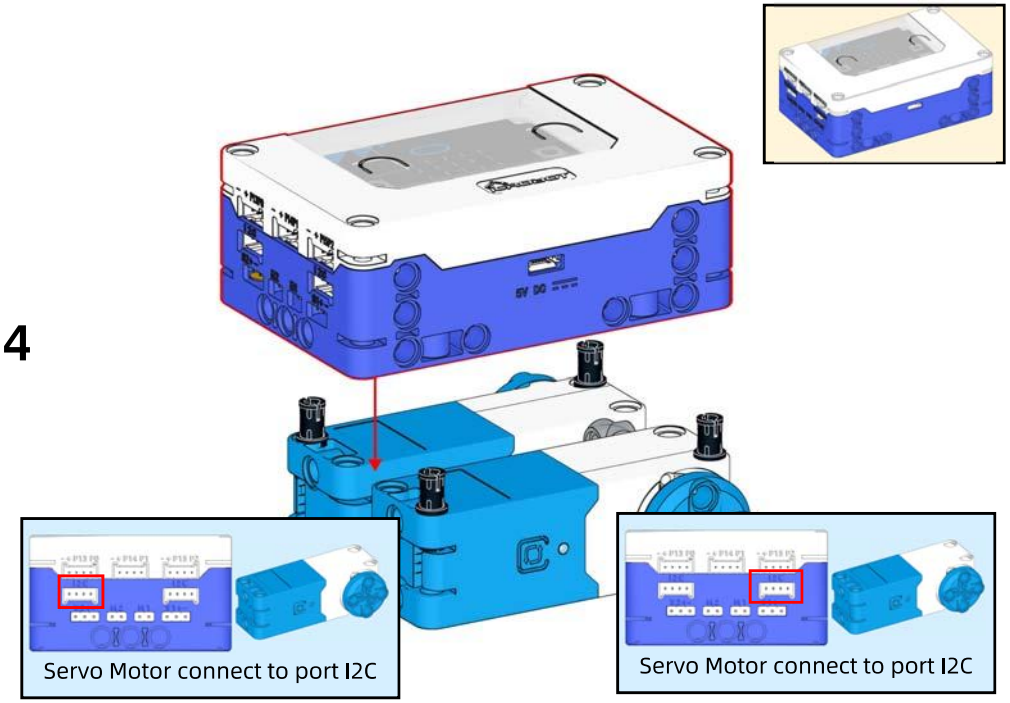


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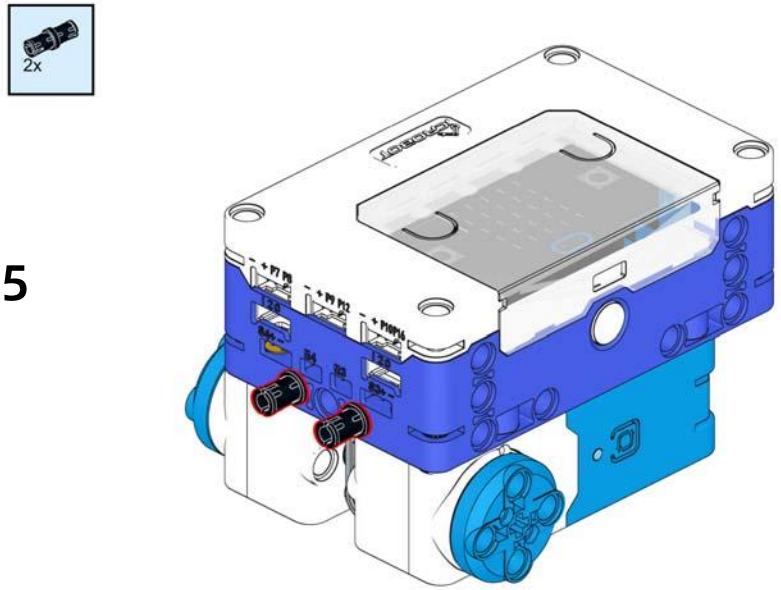




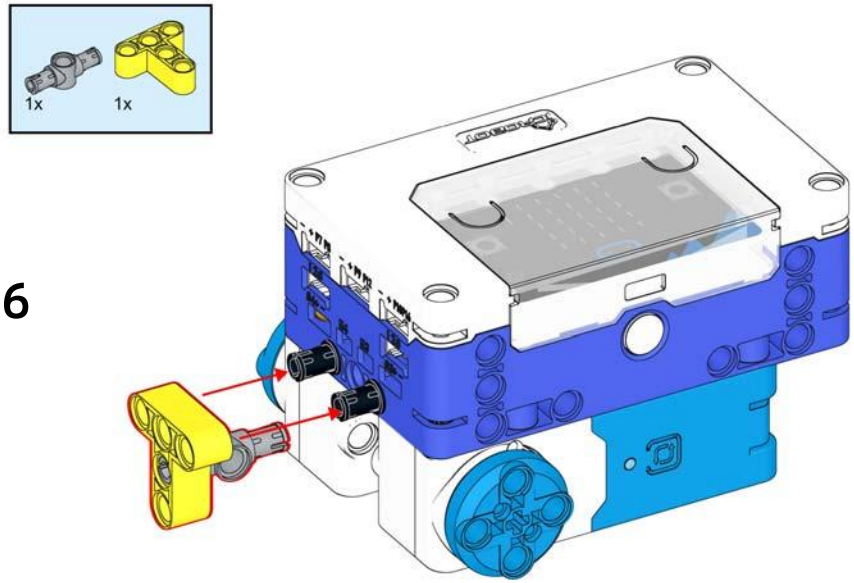
4


Servo Motor connect to port I2C
Servo Motor connect to port I2C

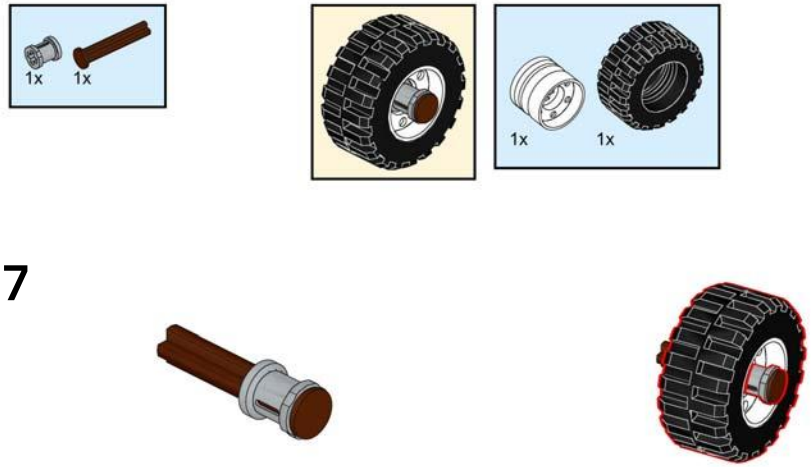
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2x

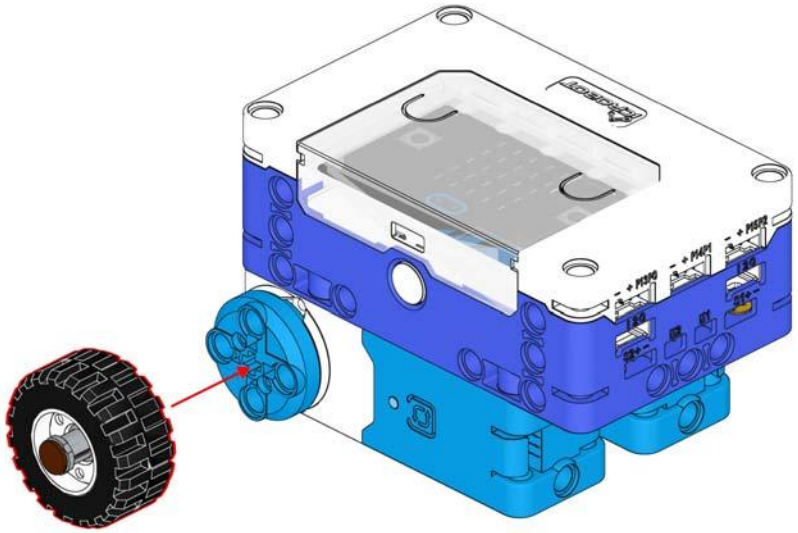
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1x
1x

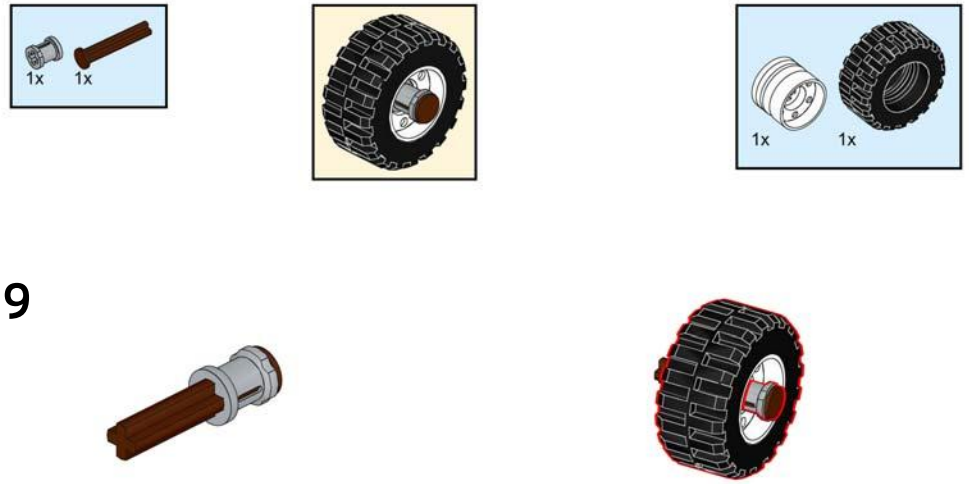
7


1x
1x
1x
1x

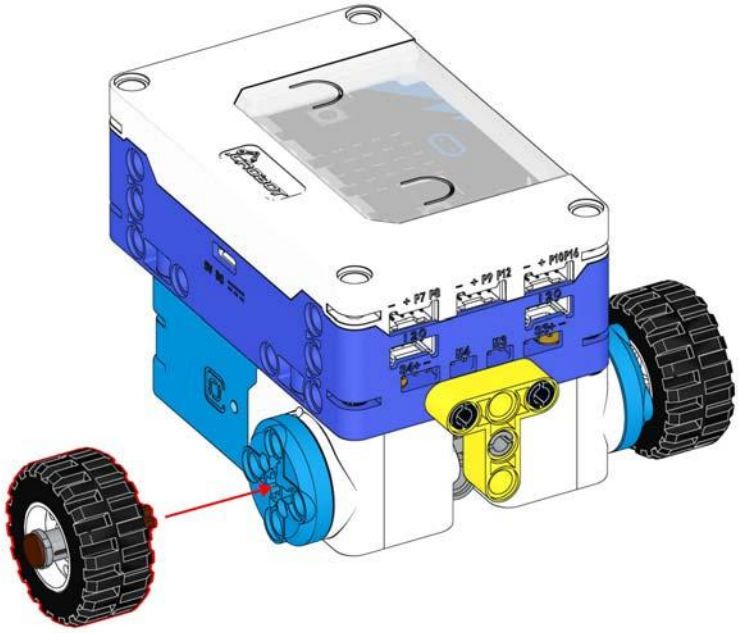
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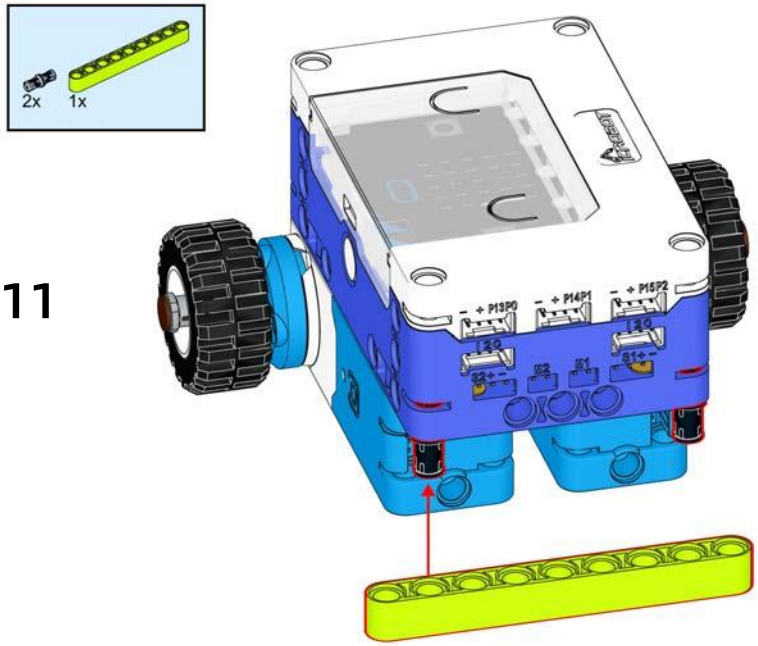
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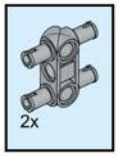


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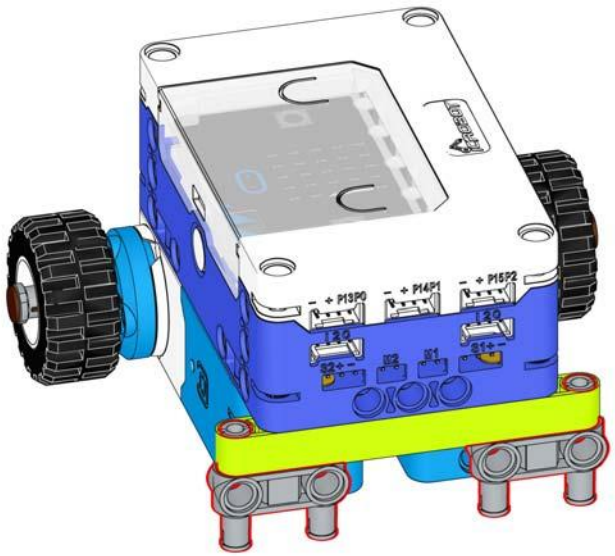


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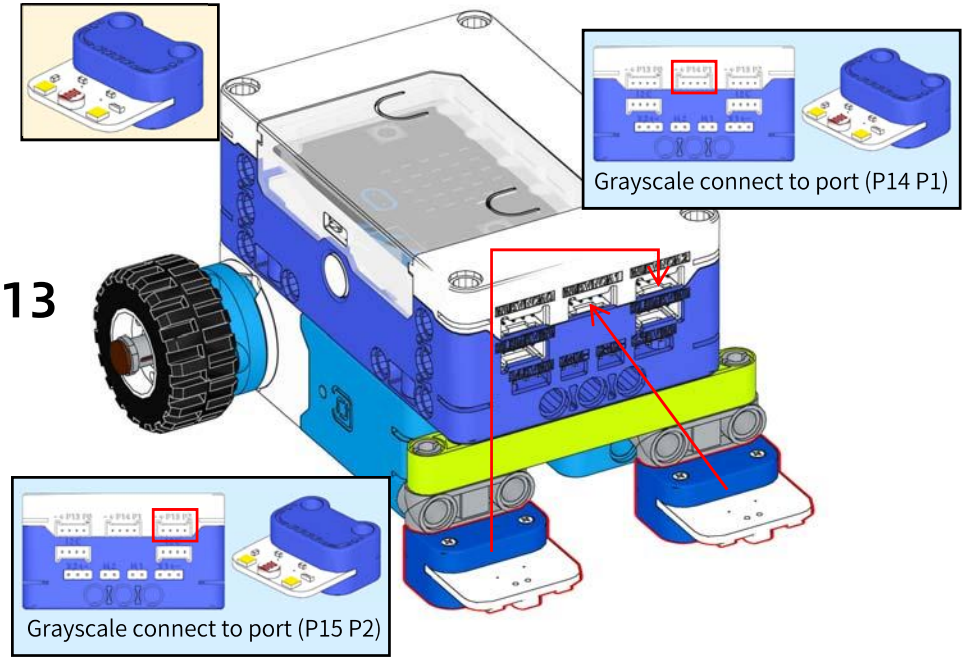




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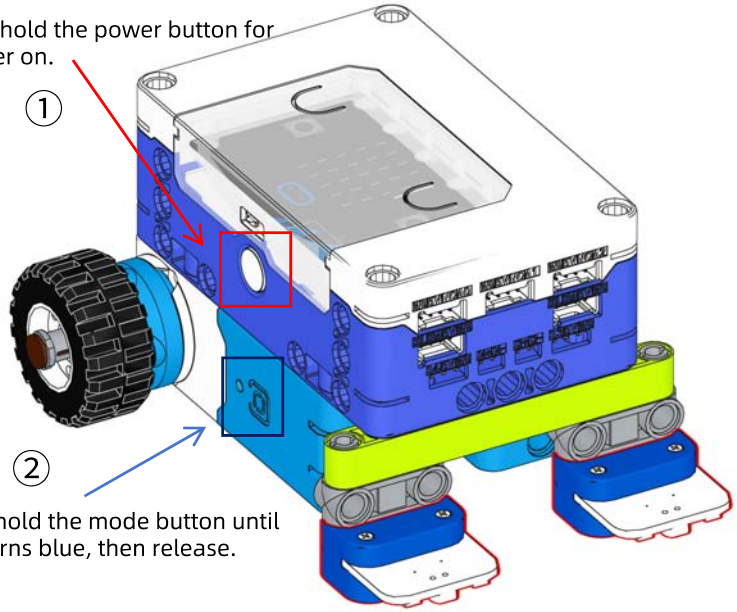


13



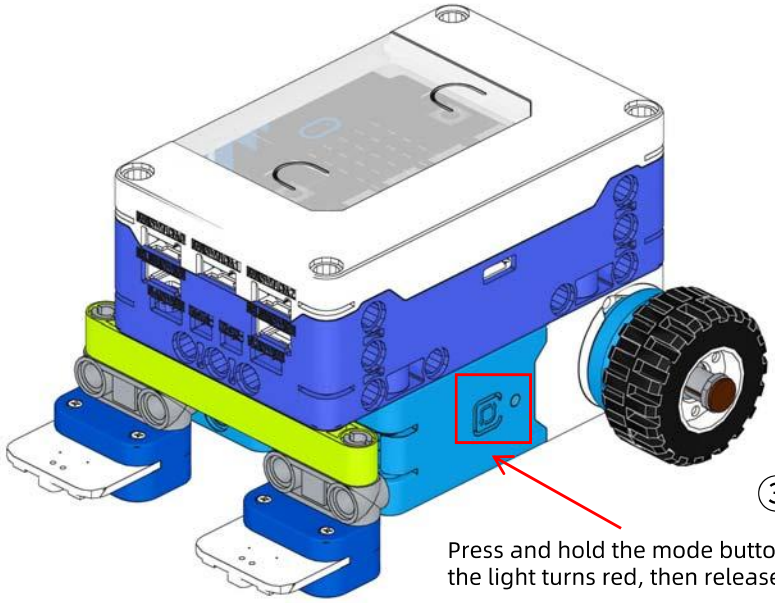
14

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



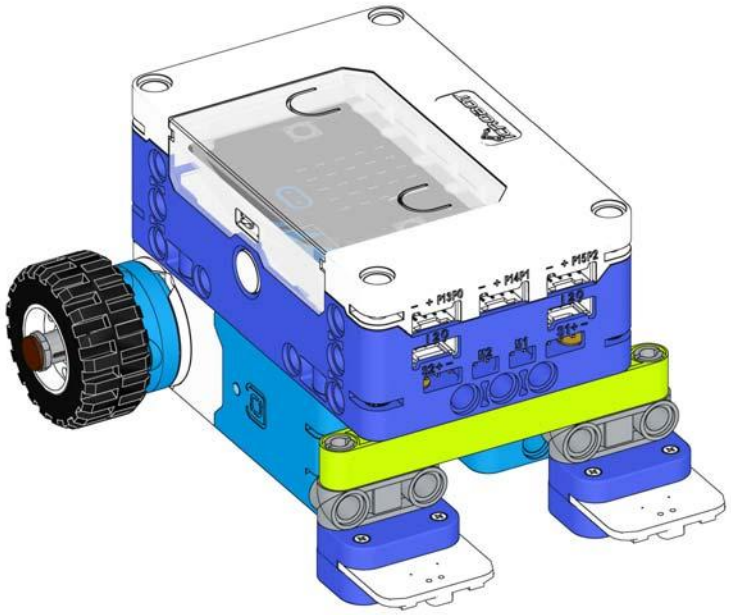
Press and hold the mode button until the light turns blue, then release.

15



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

16



```
on start
    Set left motor to red and right motor to blue
forever
    if Grayscale Sensor P1 > 500 and Grayscale Sensor P2 > 500 then
        Dual motors rotate at 0 0
    else if Grayscale Sensor P1 < 500 and Grayscale Sensor P2 < 500 then
        Dual motors rotate at 50 50
    else if Grayscale Sensor P1 > 500 and Grayscale Sensor P2 < 500 then
        Dual motors rotate at 0 50
    else if Grayscale Sensor P1 < 500 and Grayscale Sensor P2 > 500 then
        Dual motors rotate at 50 0
```