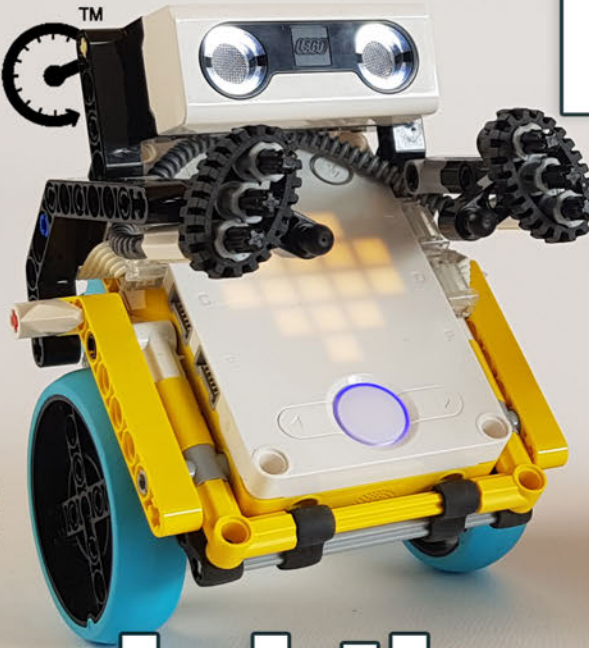




ROBOTMAKERS
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Self-uprighting balancing LEGO Robots

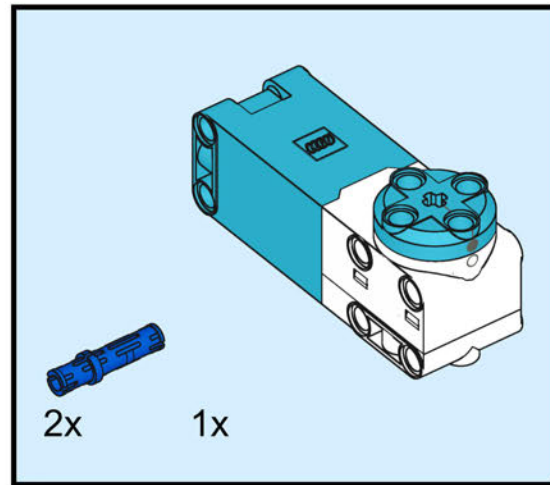
Building Instructions SPIKE Prime



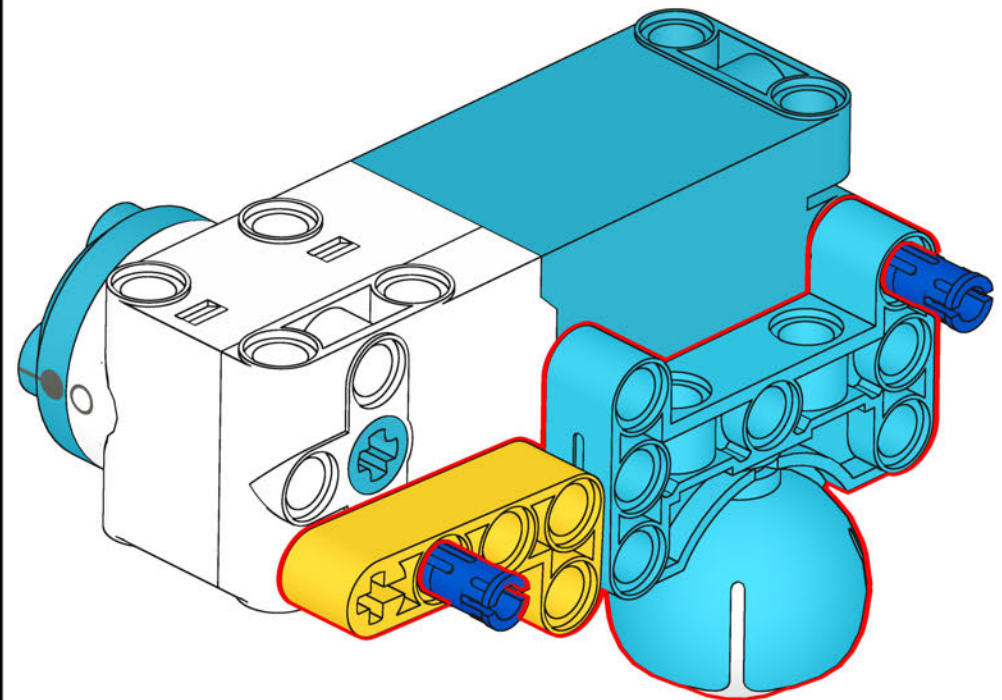
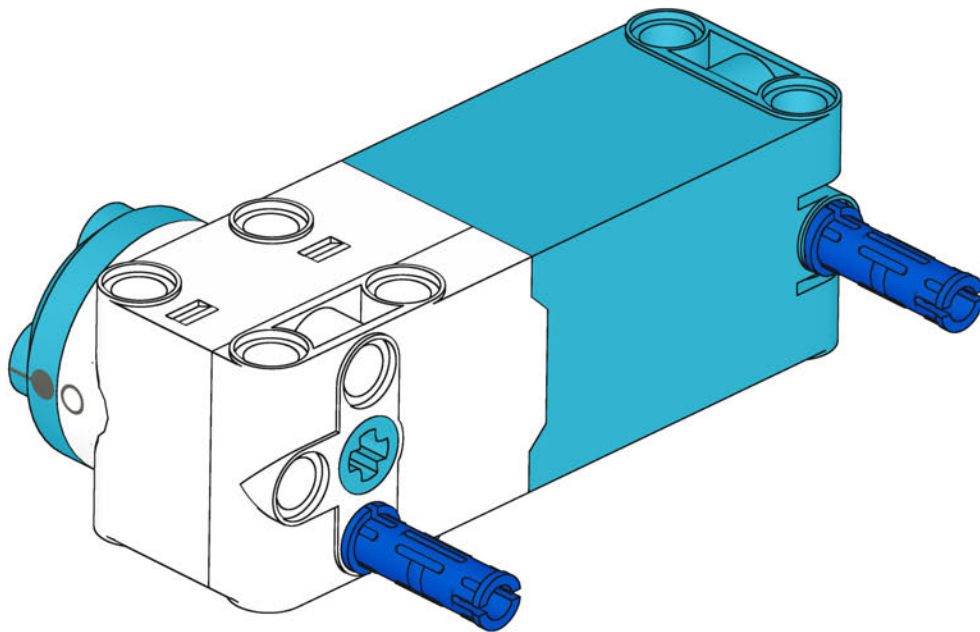
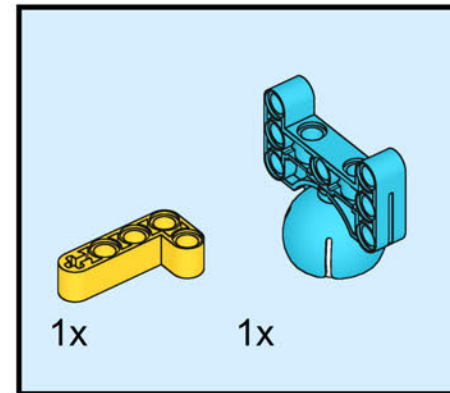
By Dimi

**LEGO® Education Academy
Certified Trainer**

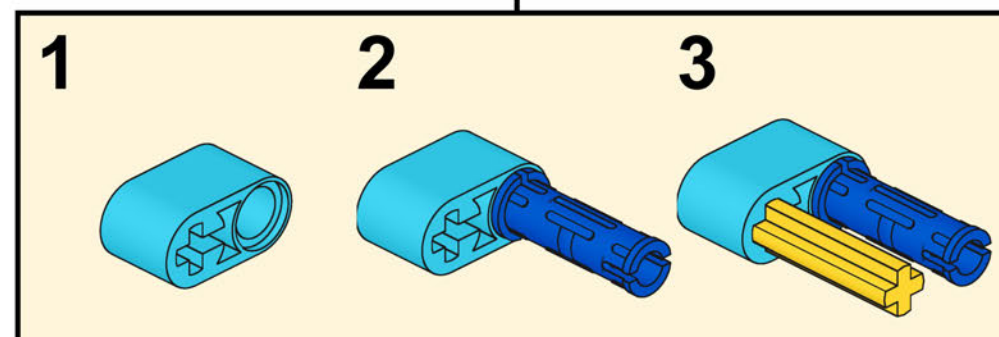
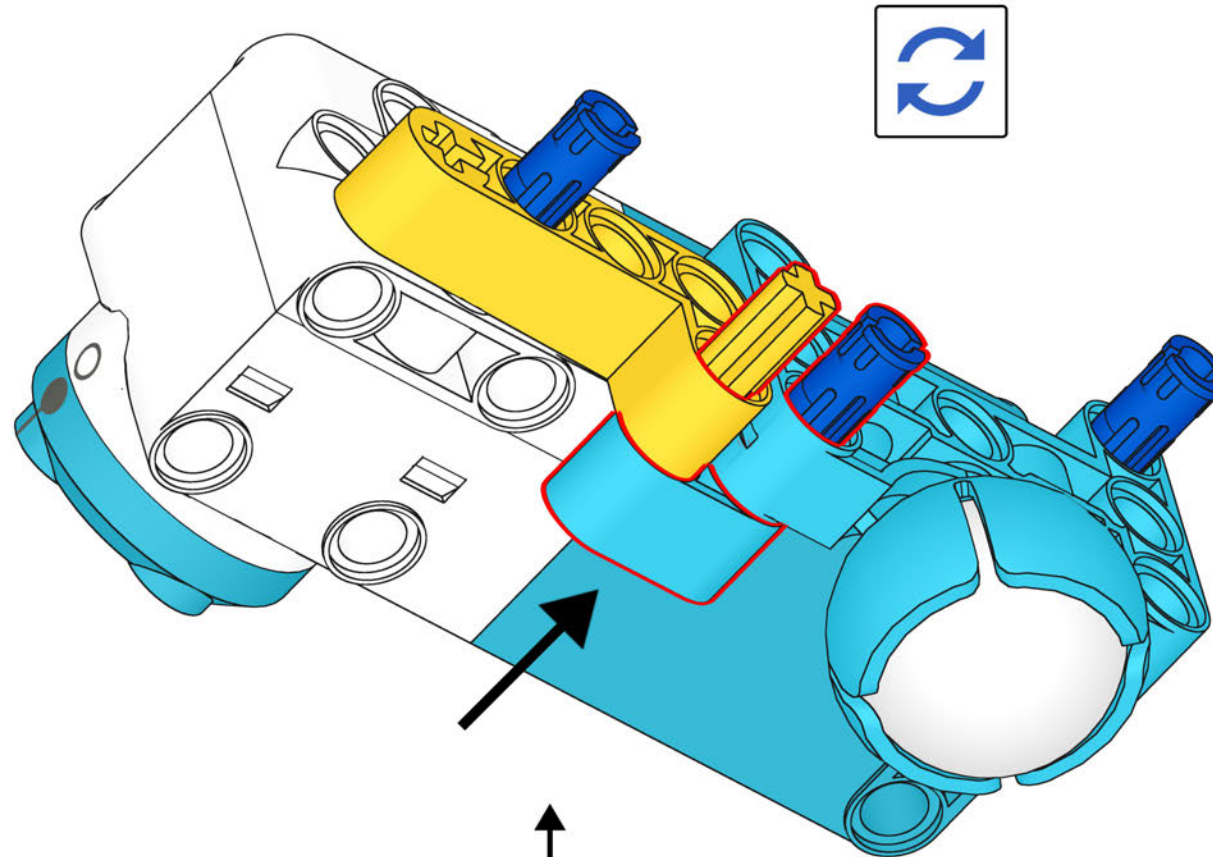
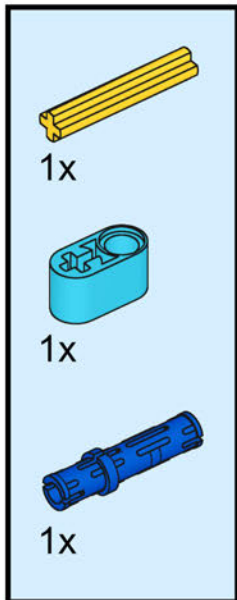
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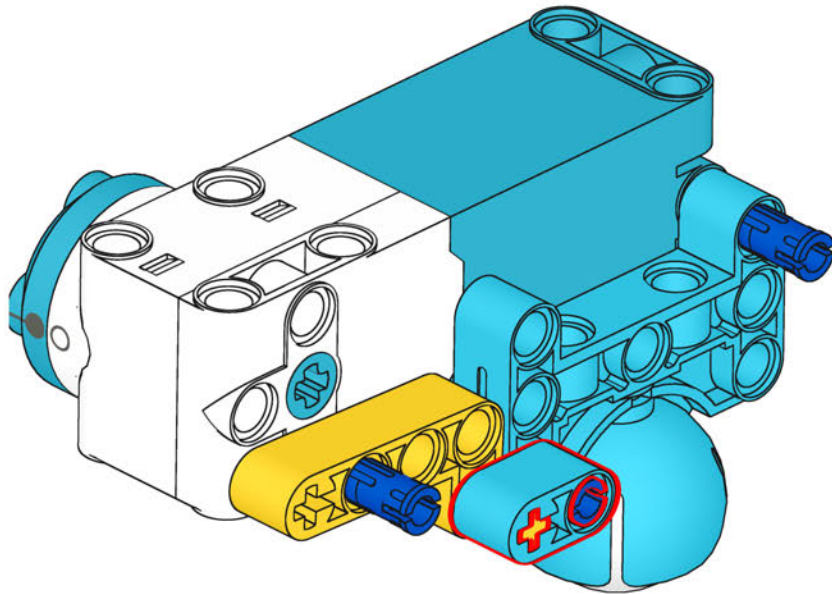
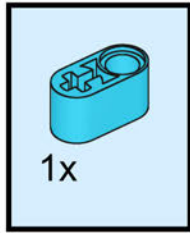
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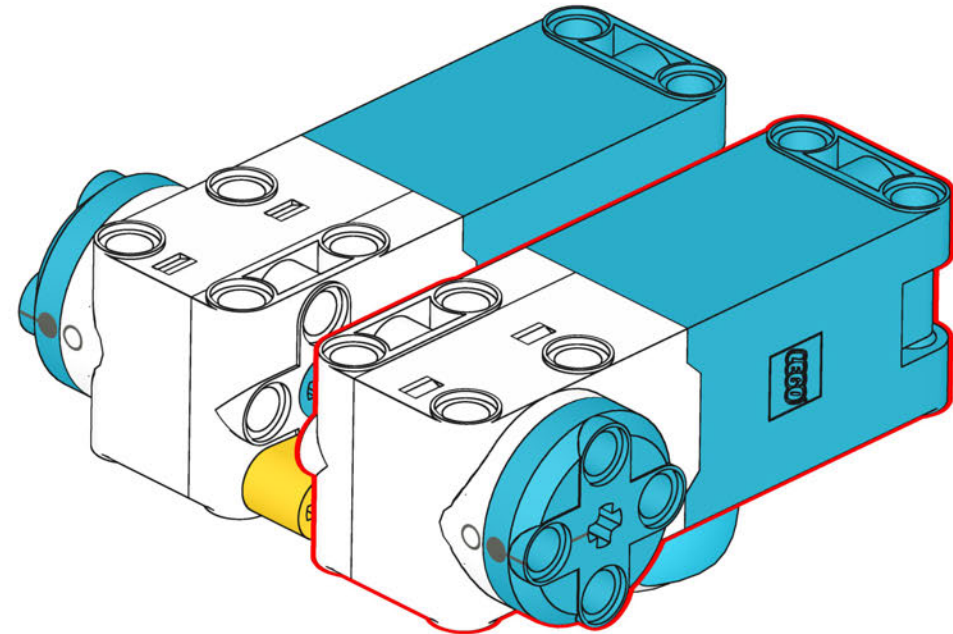
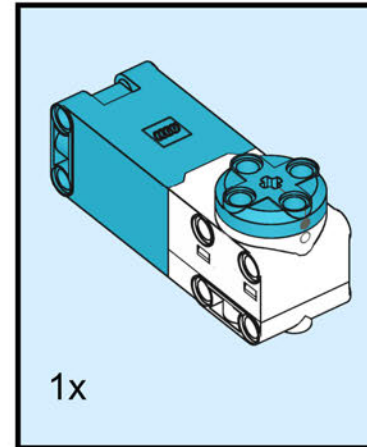
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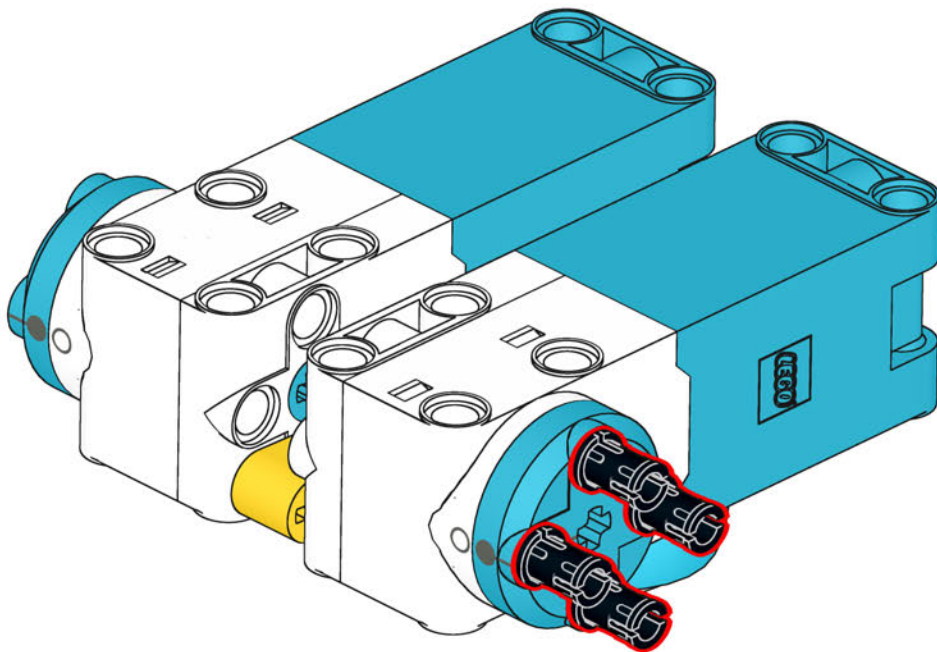
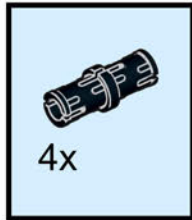
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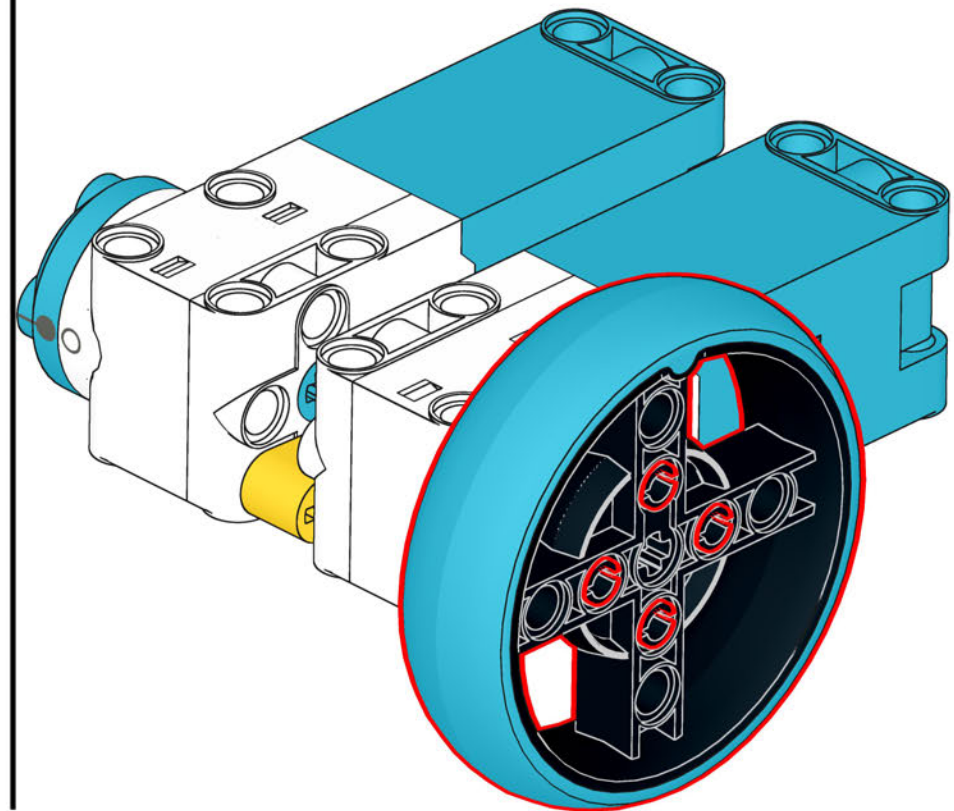
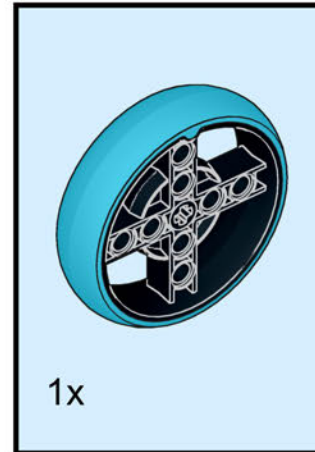
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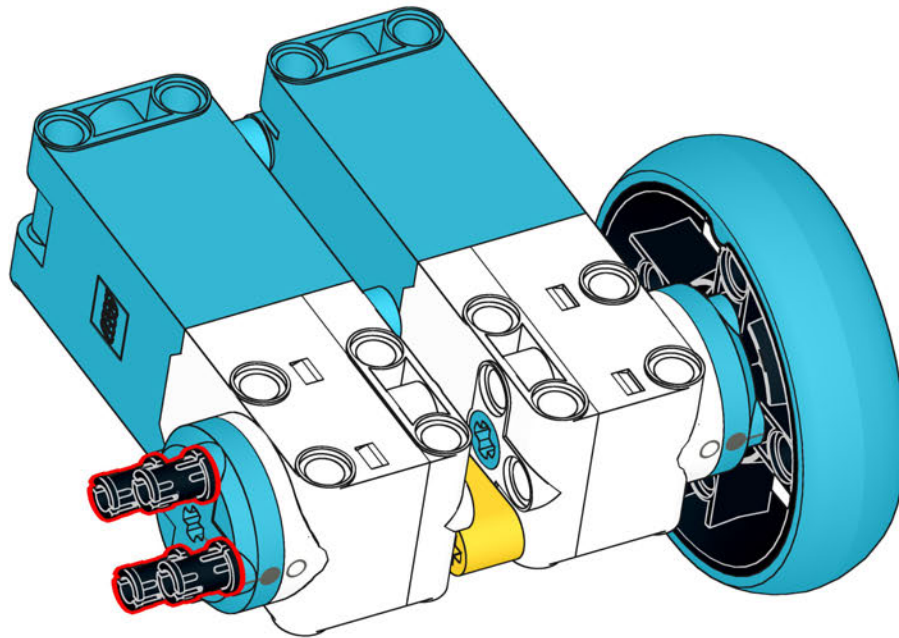
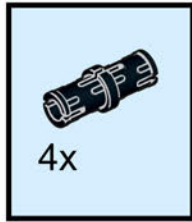
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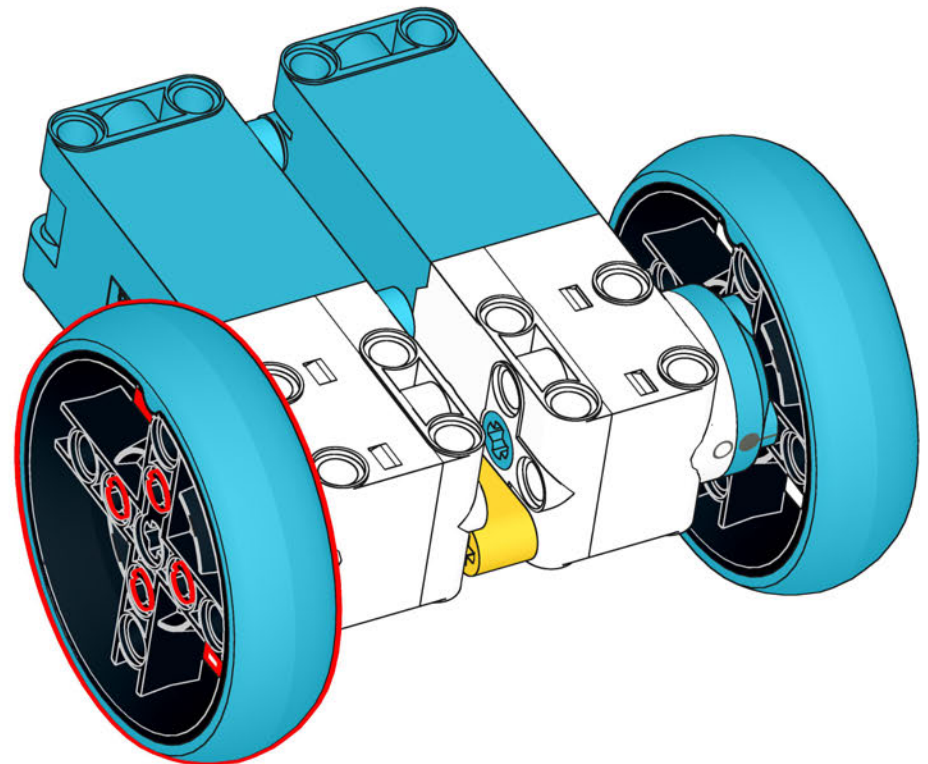
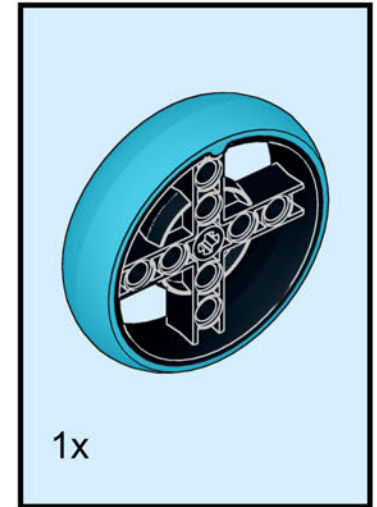
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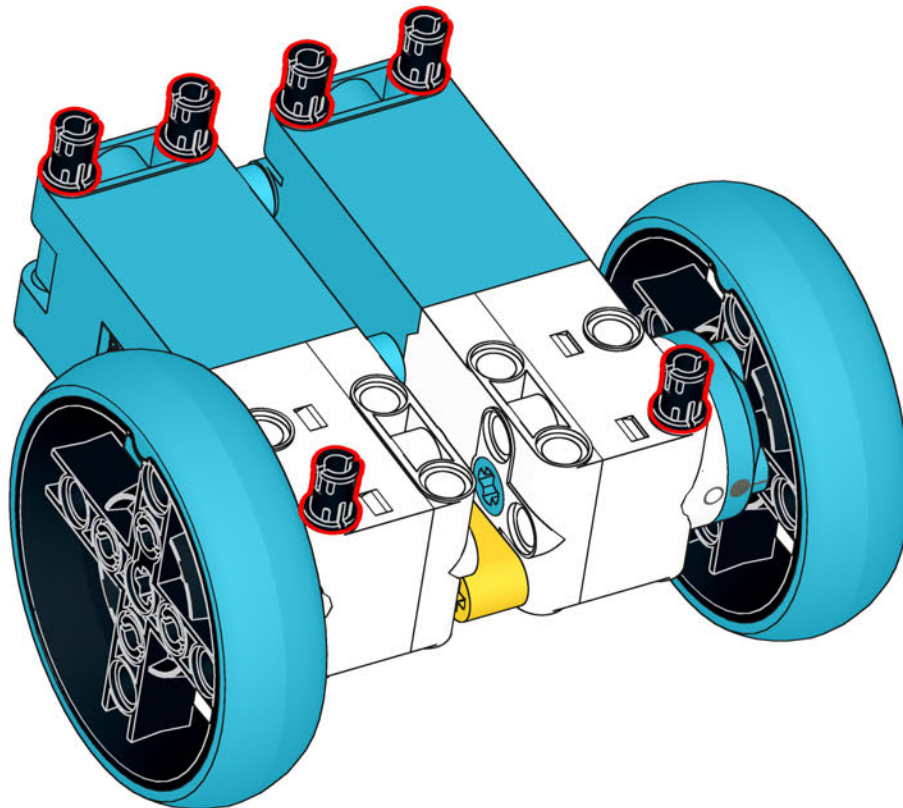
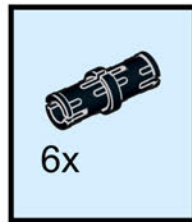
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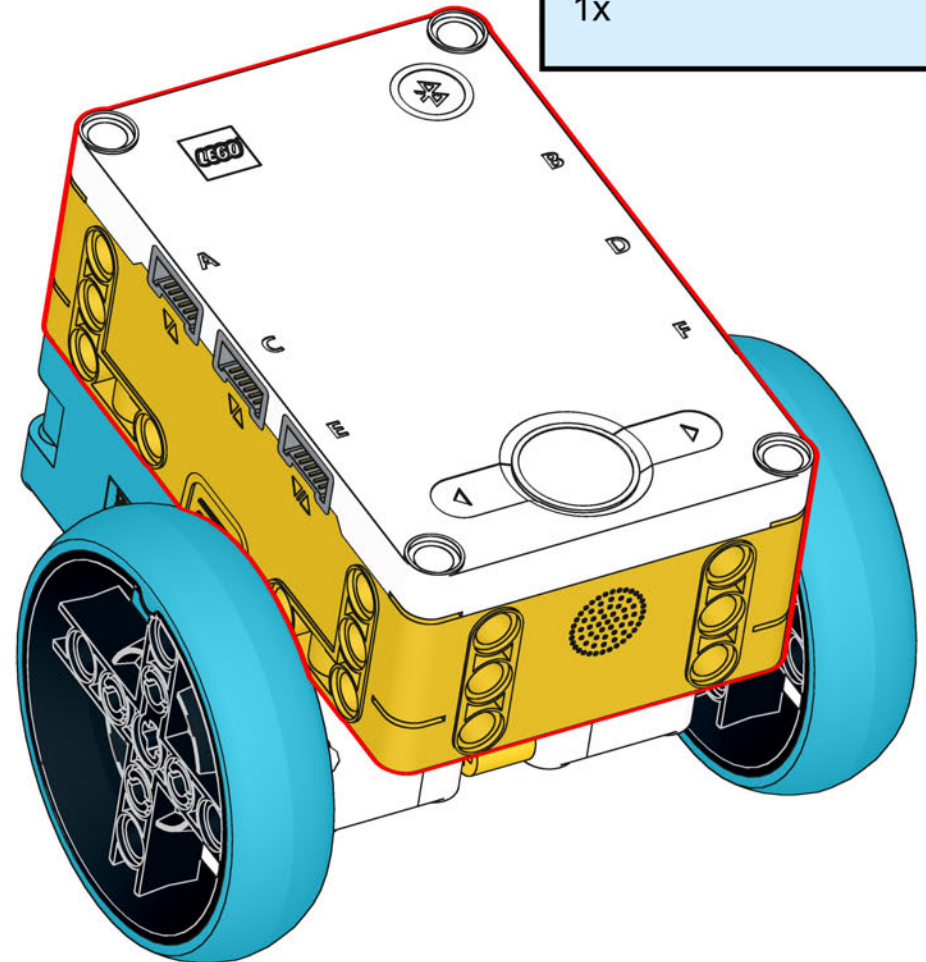
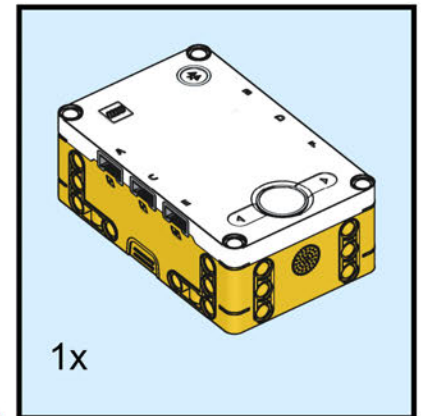
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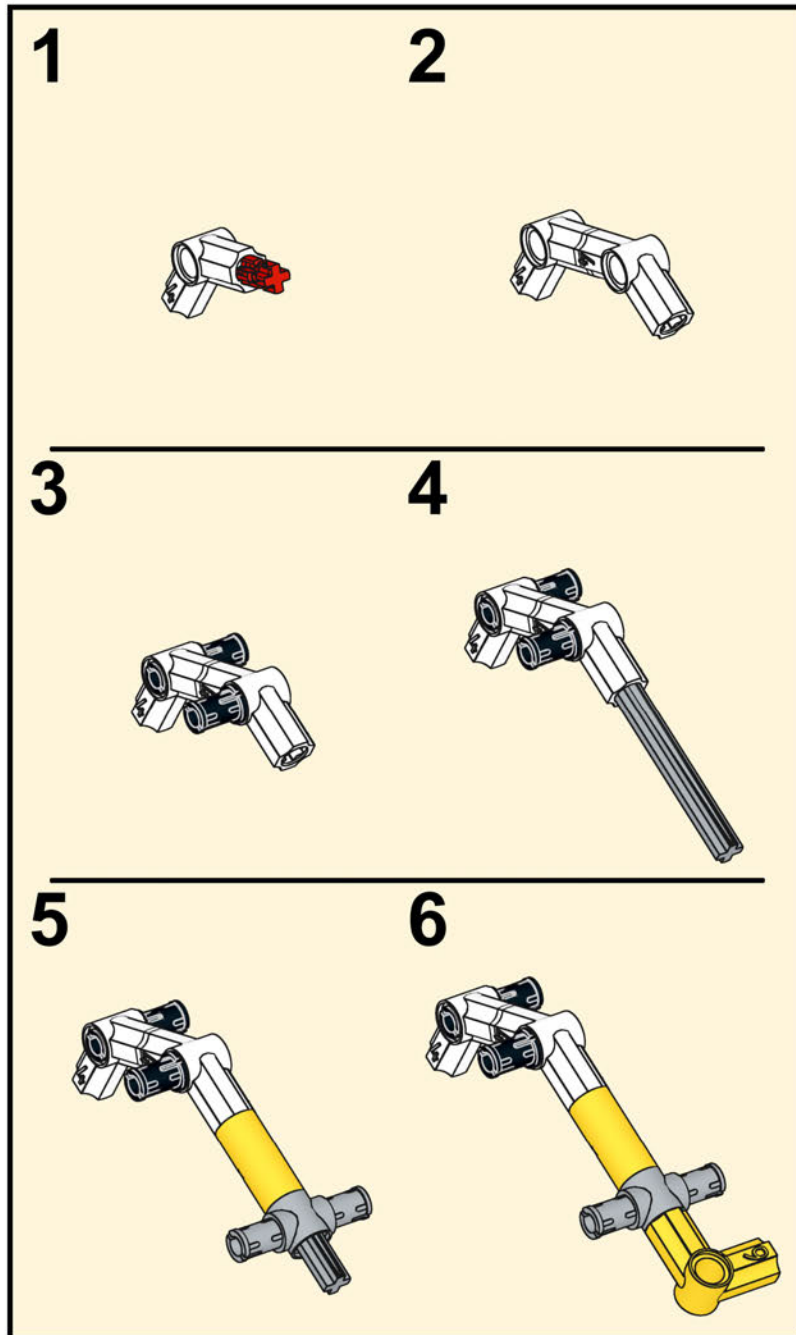


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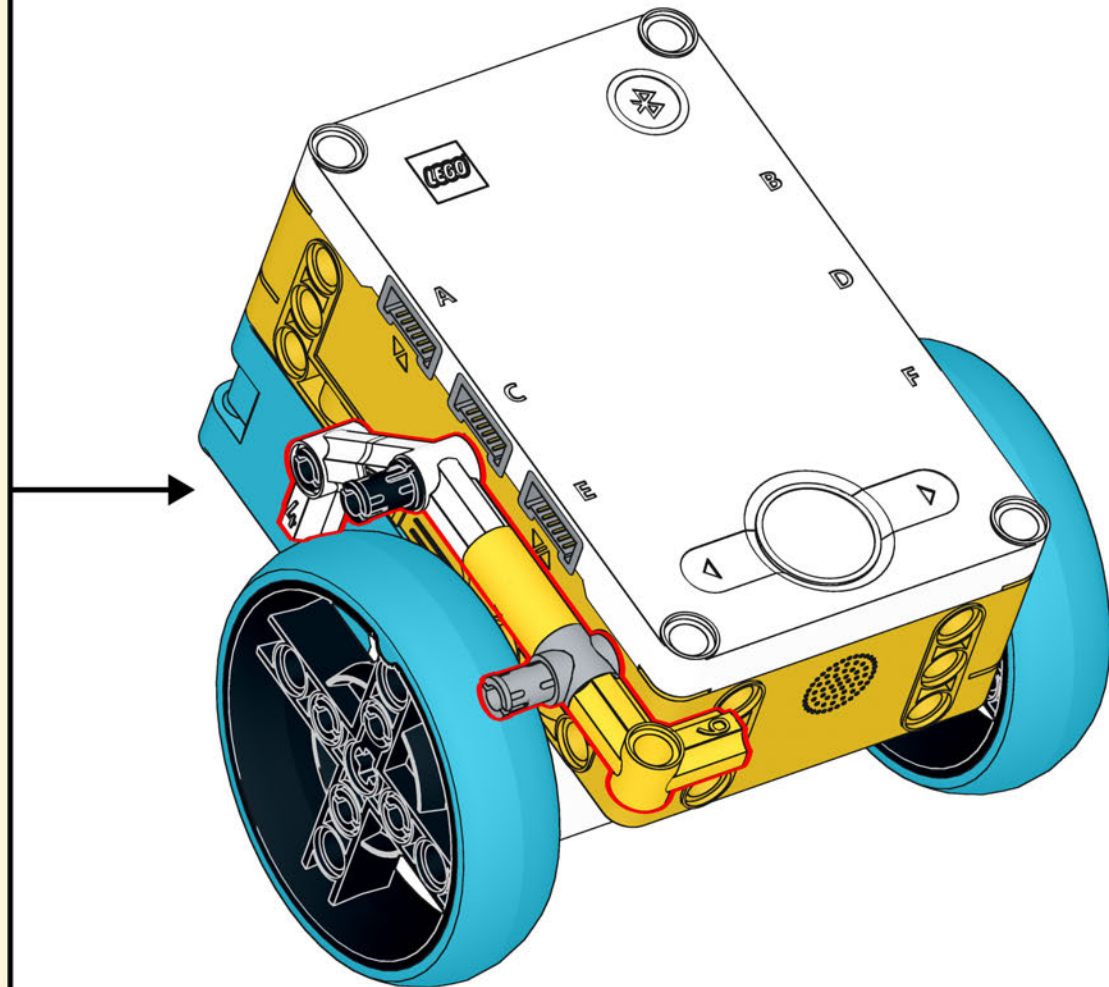
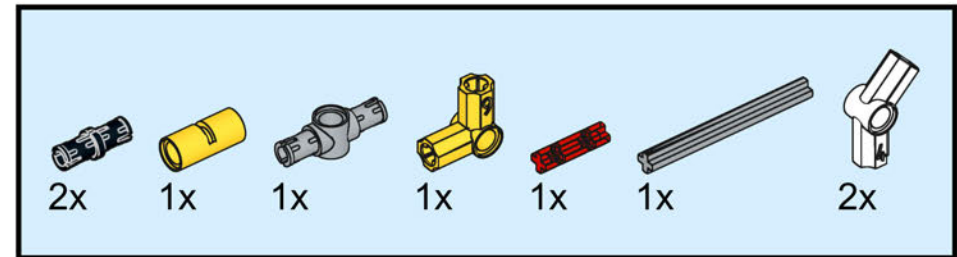


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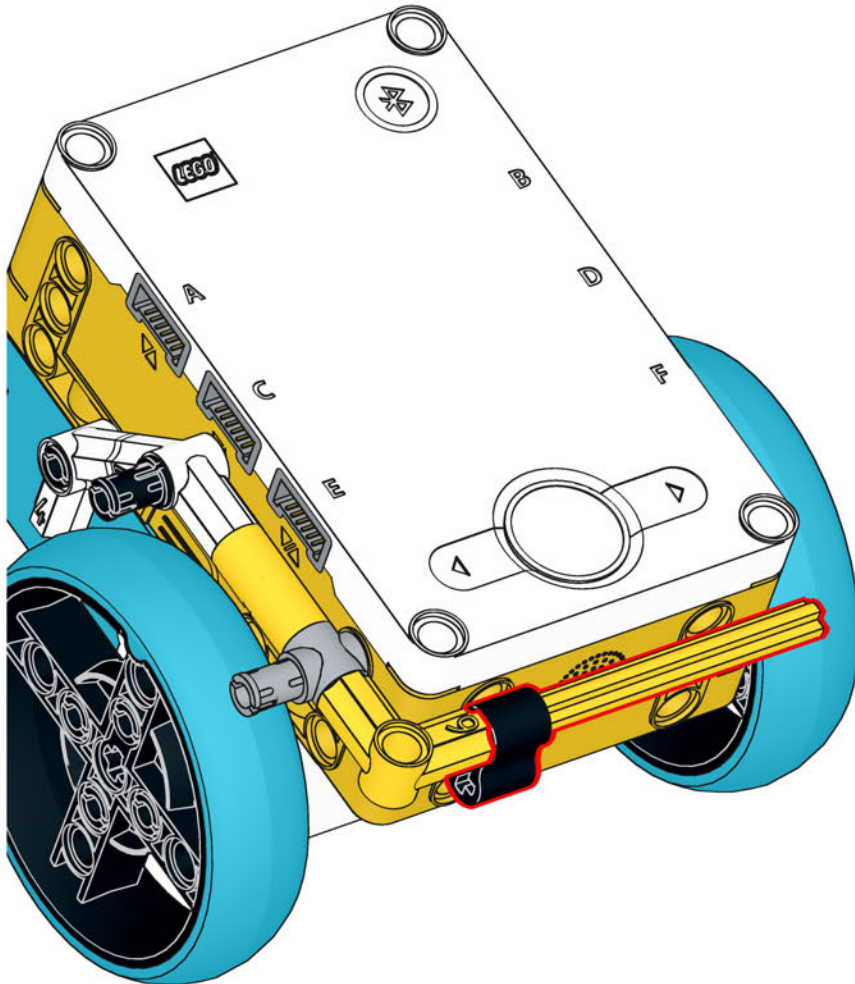
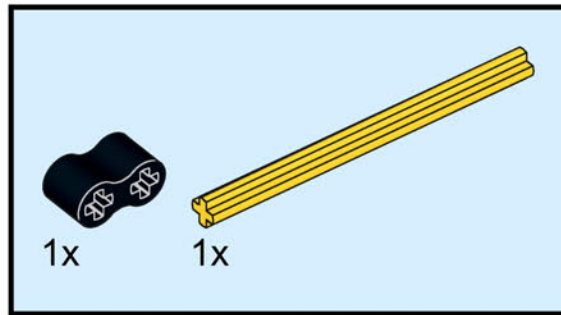




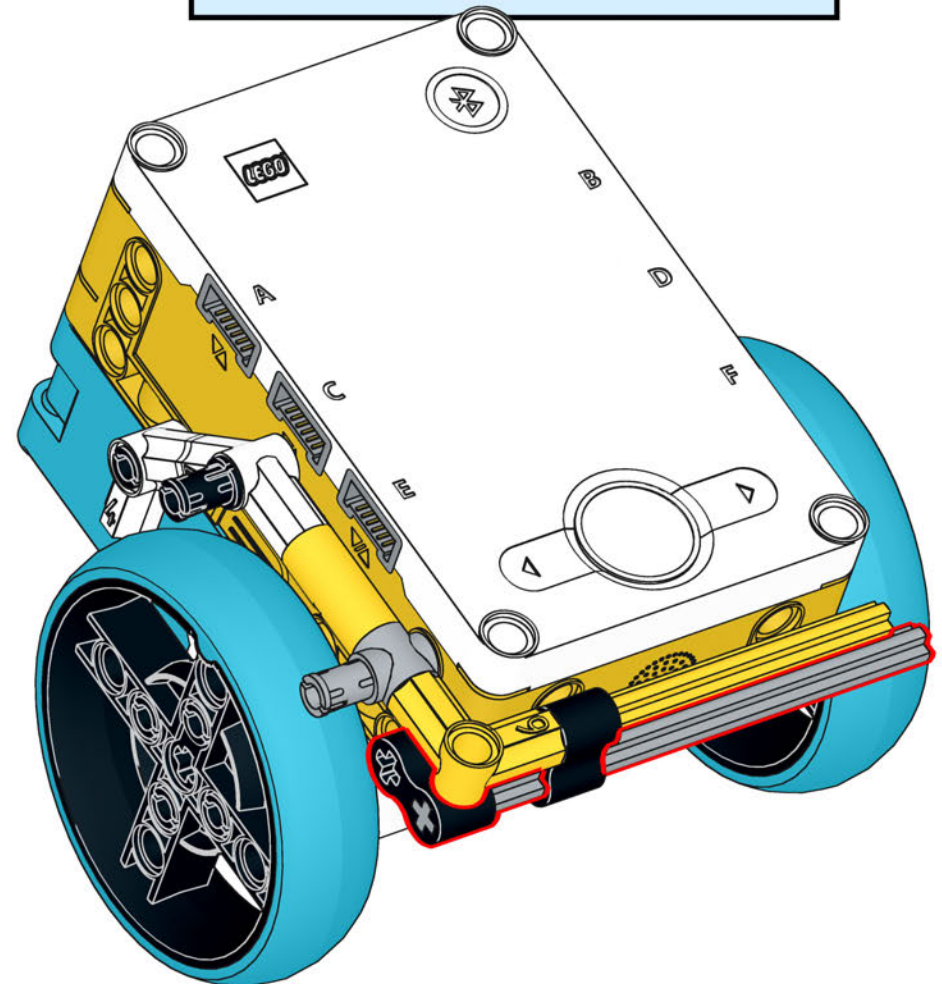
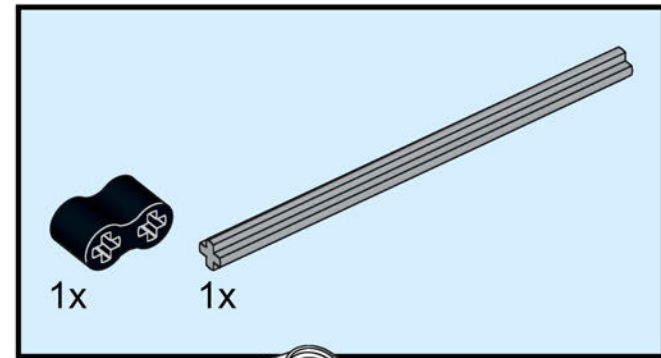
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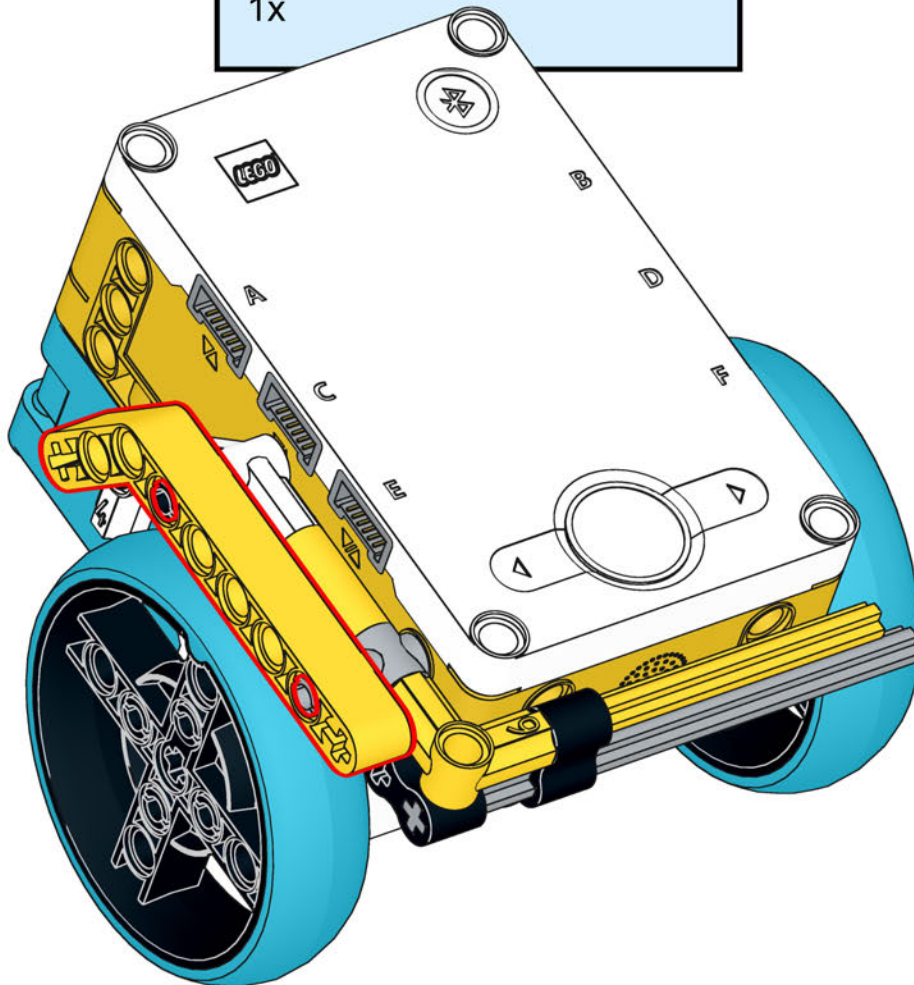
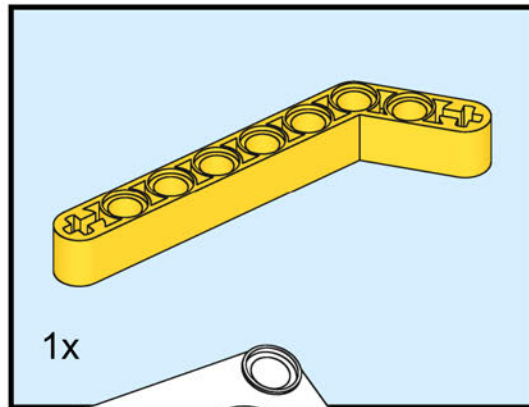
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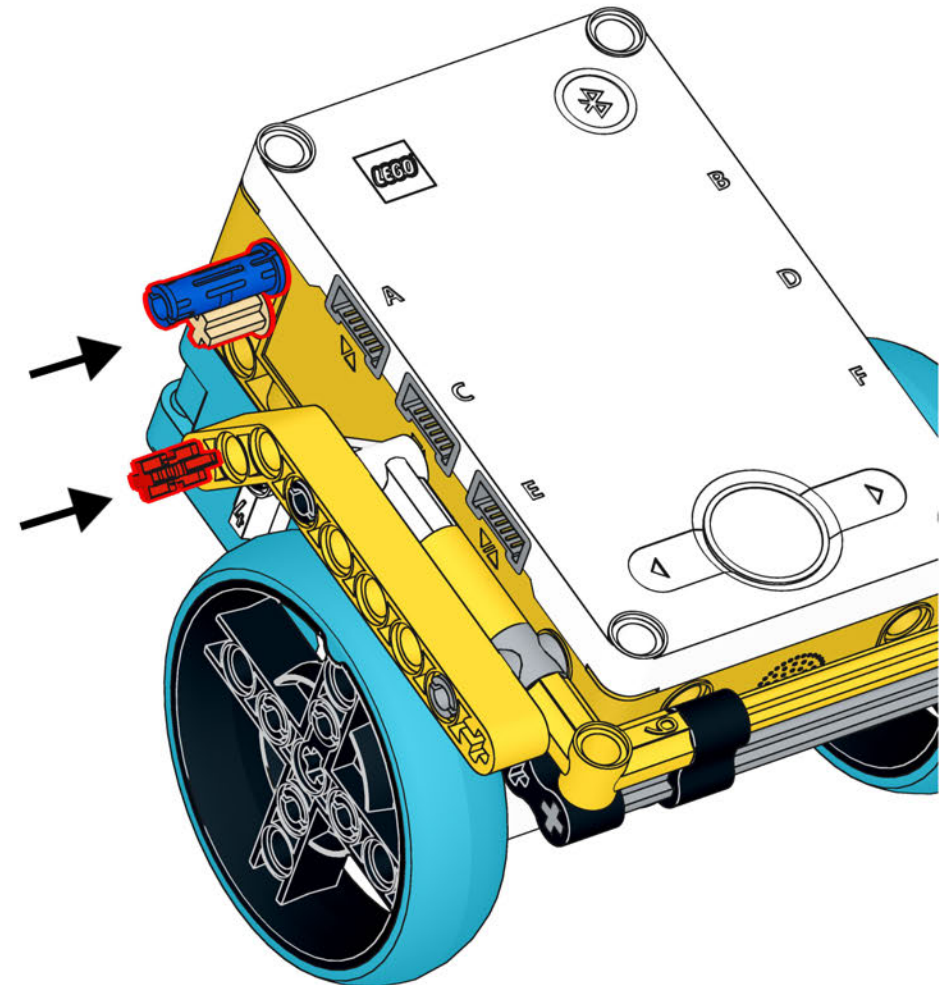
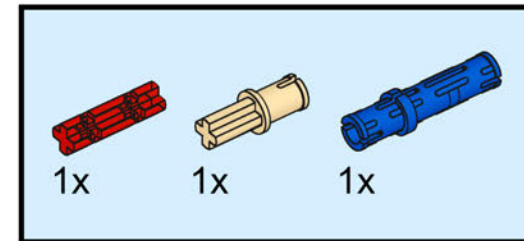
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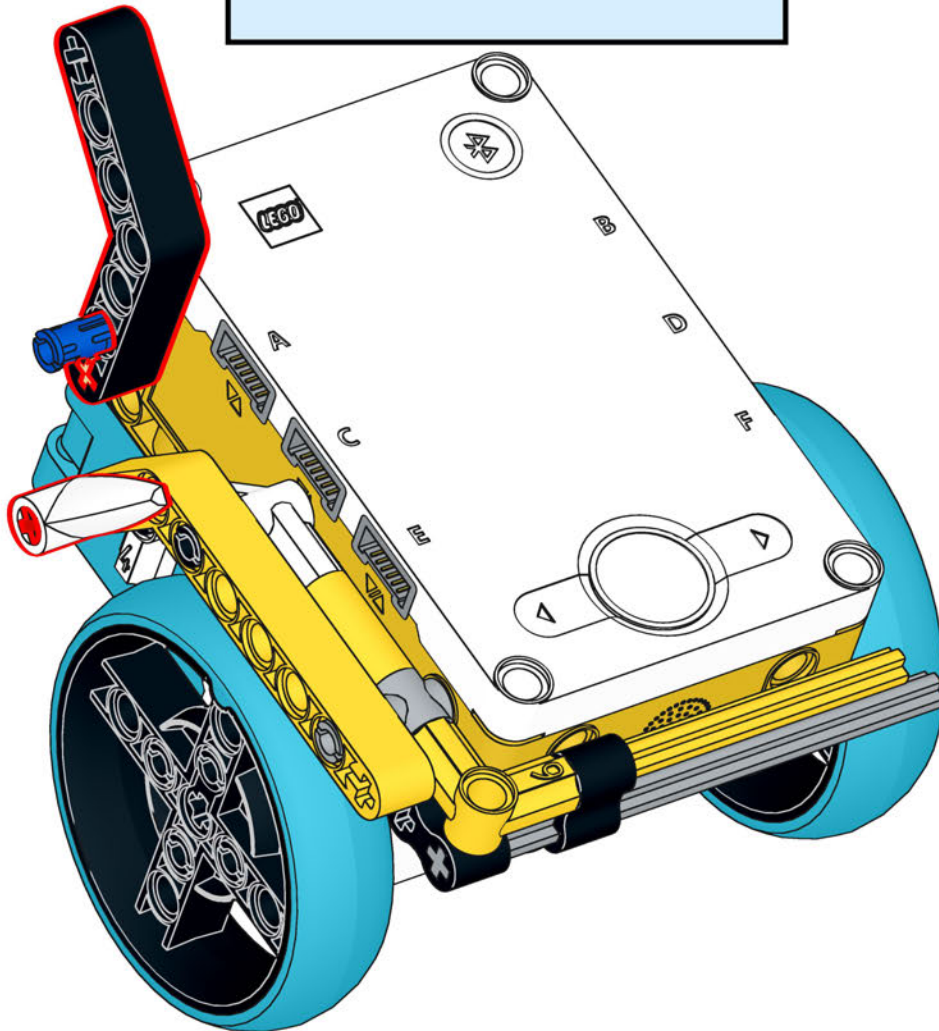
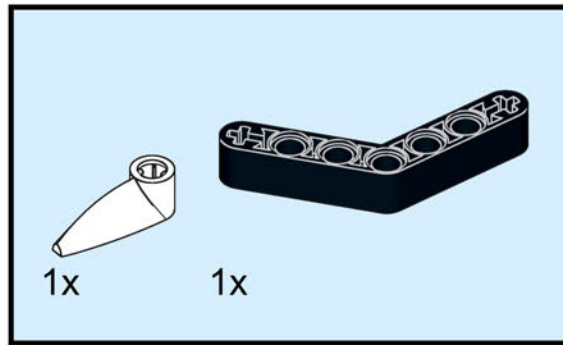
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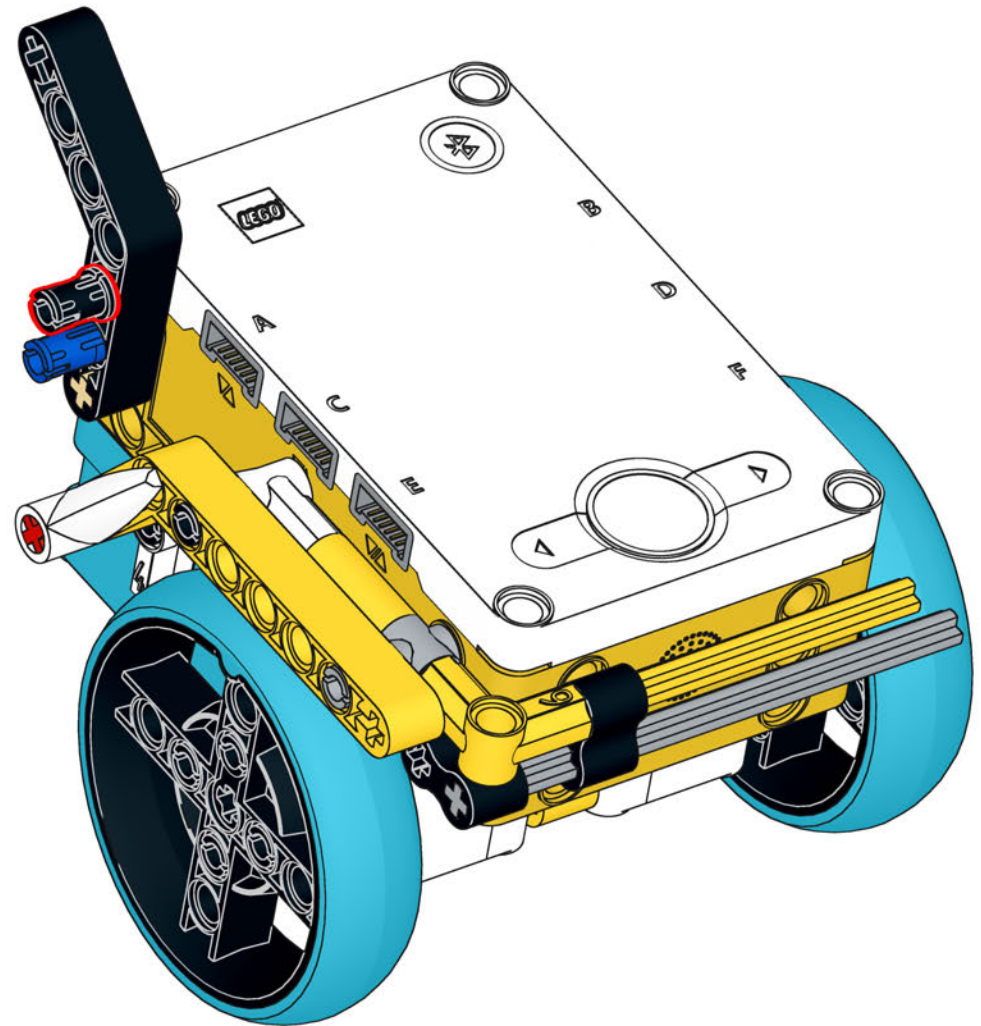
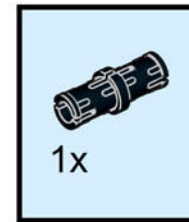
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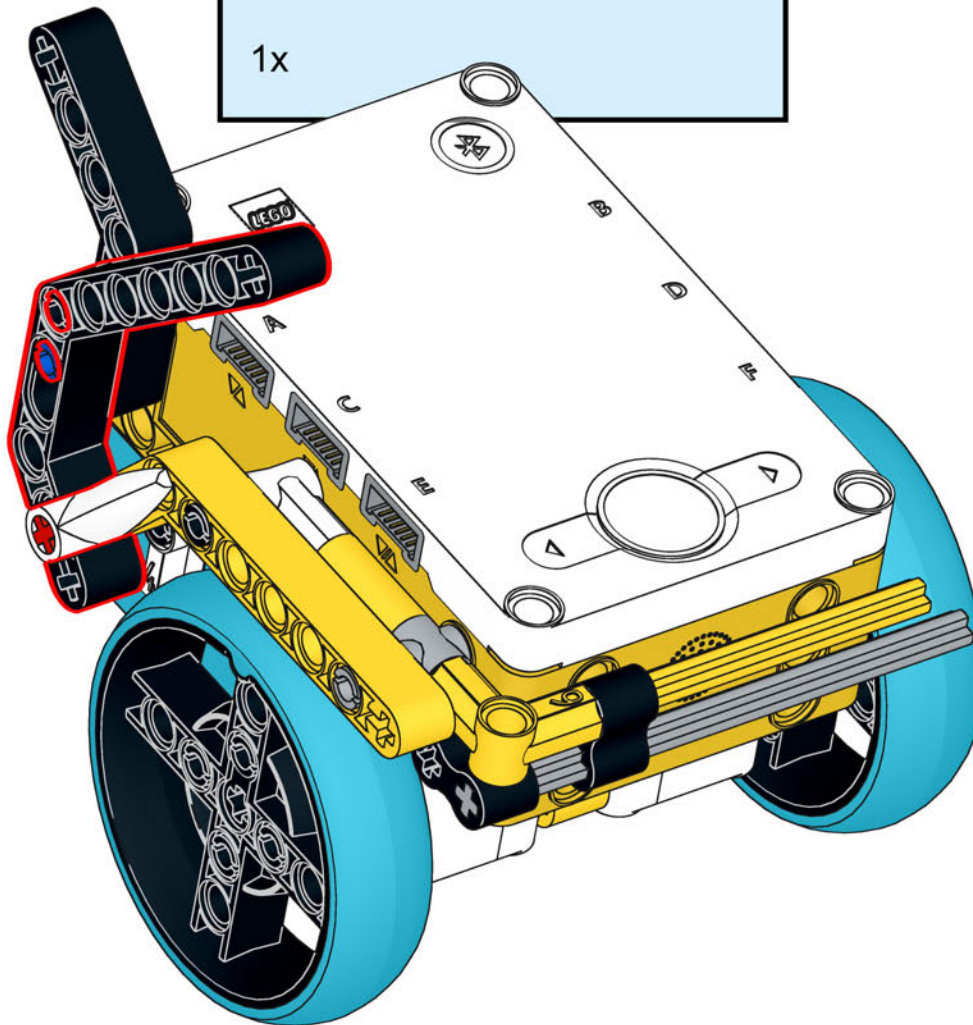
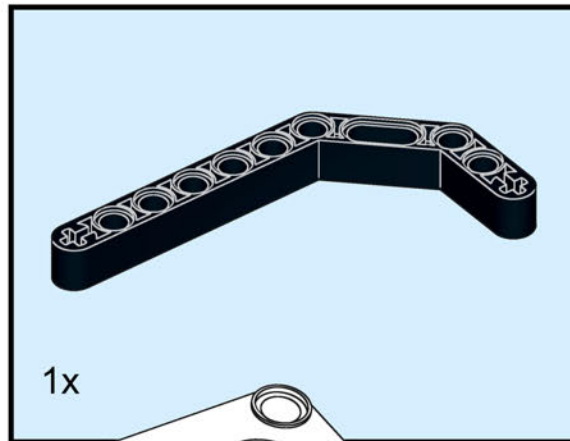
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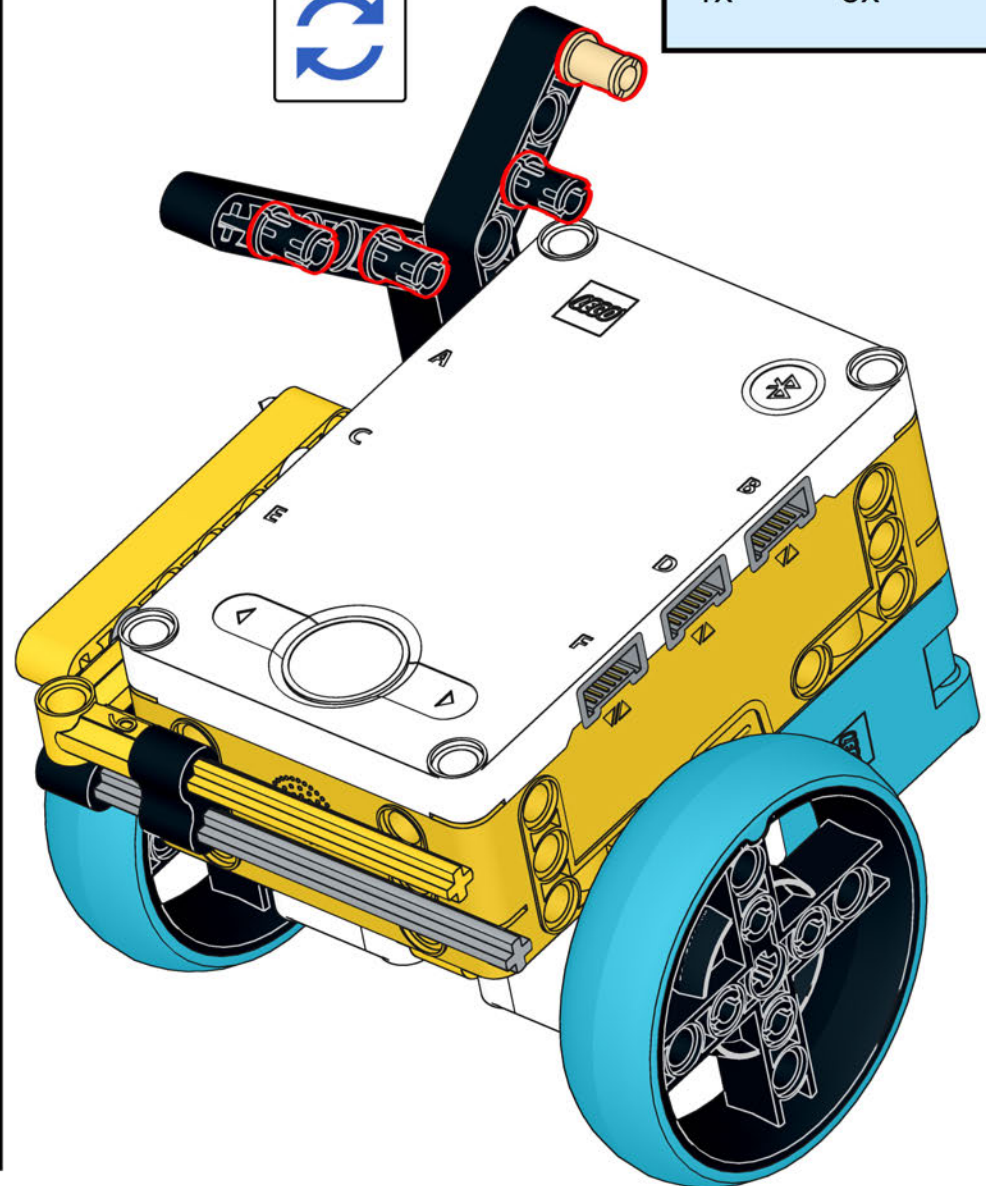
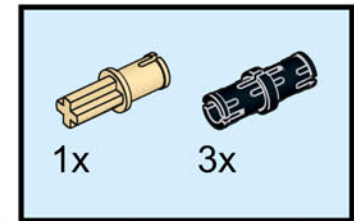
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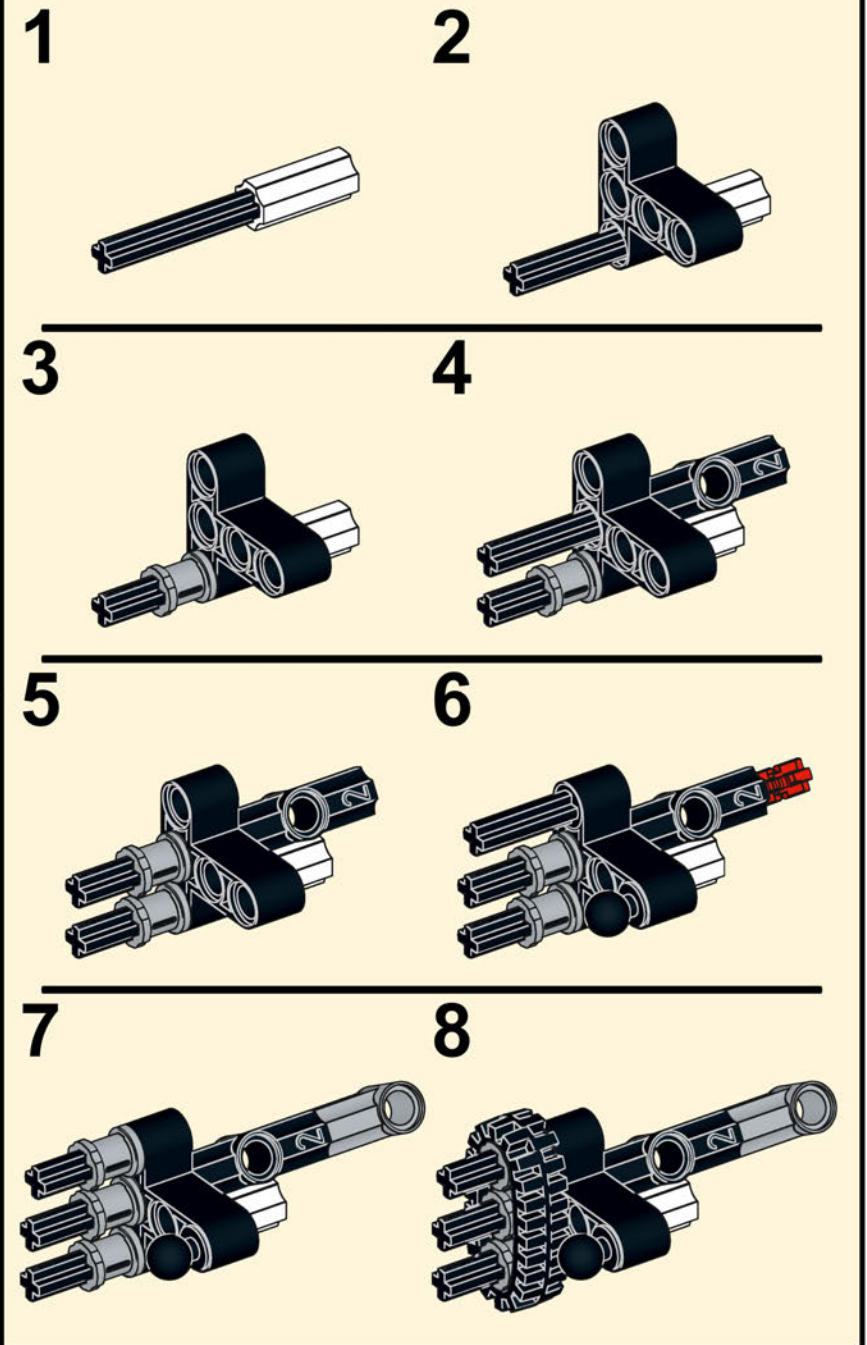
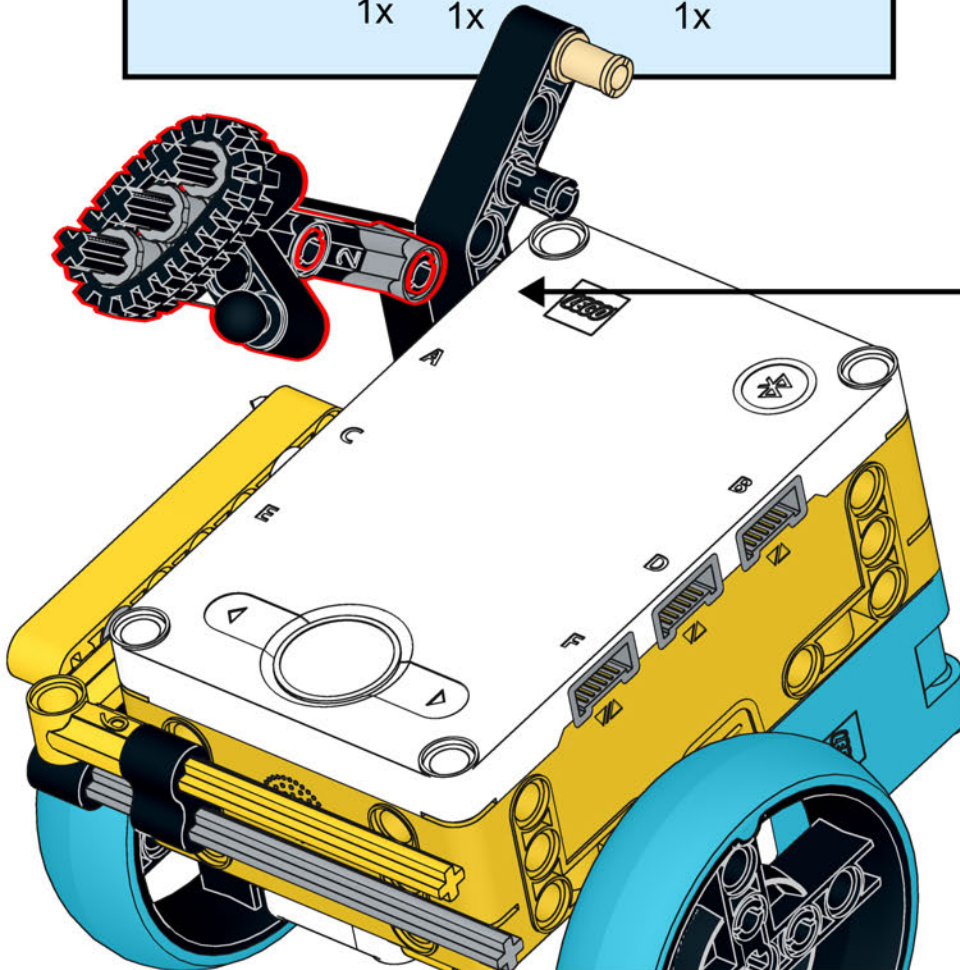
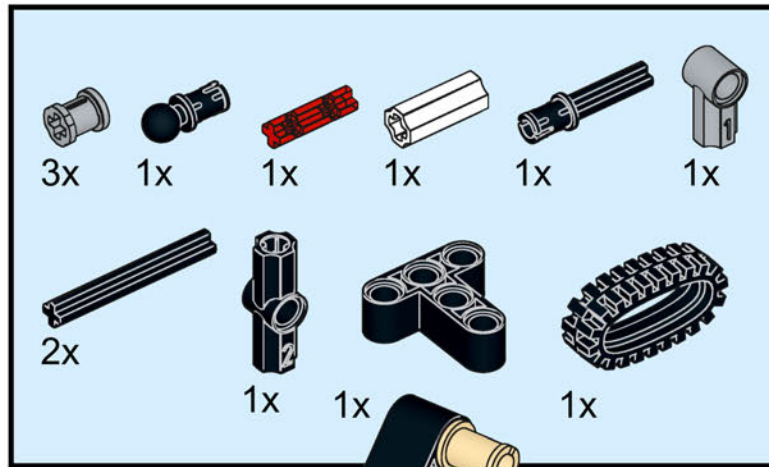
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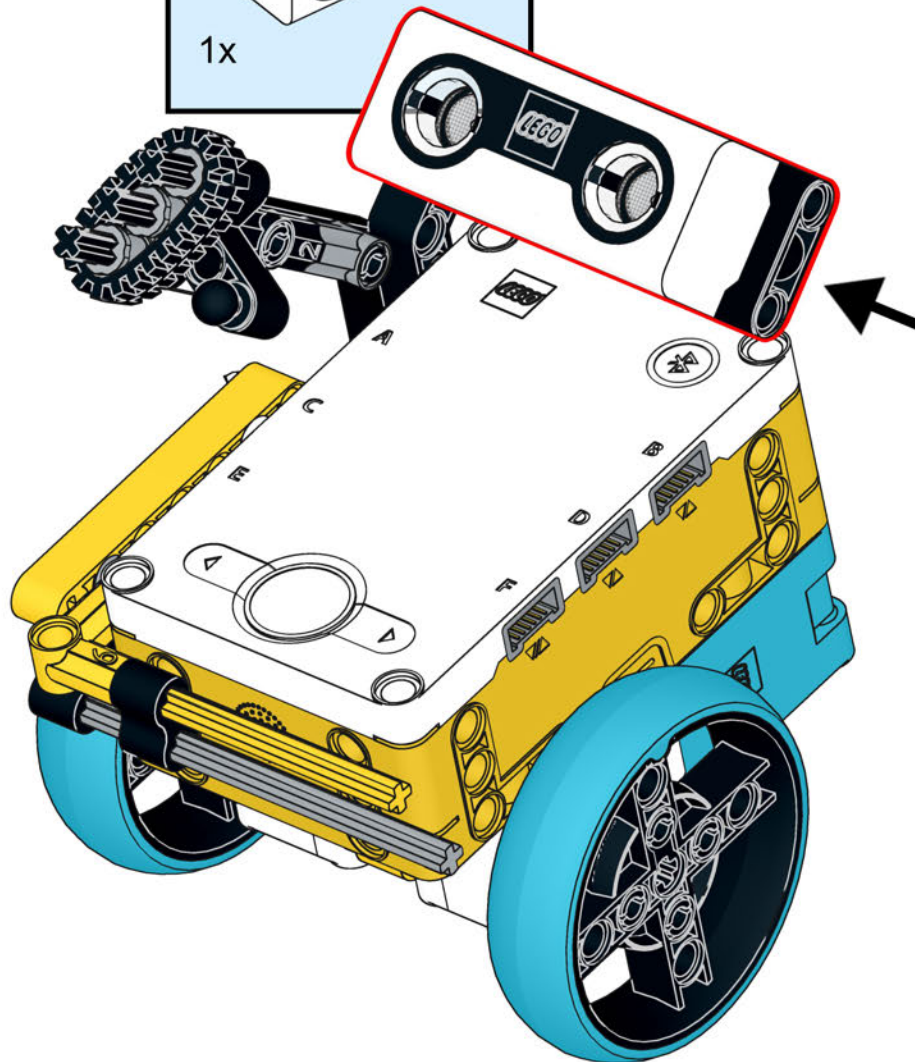
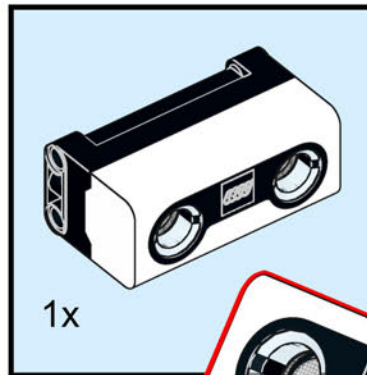
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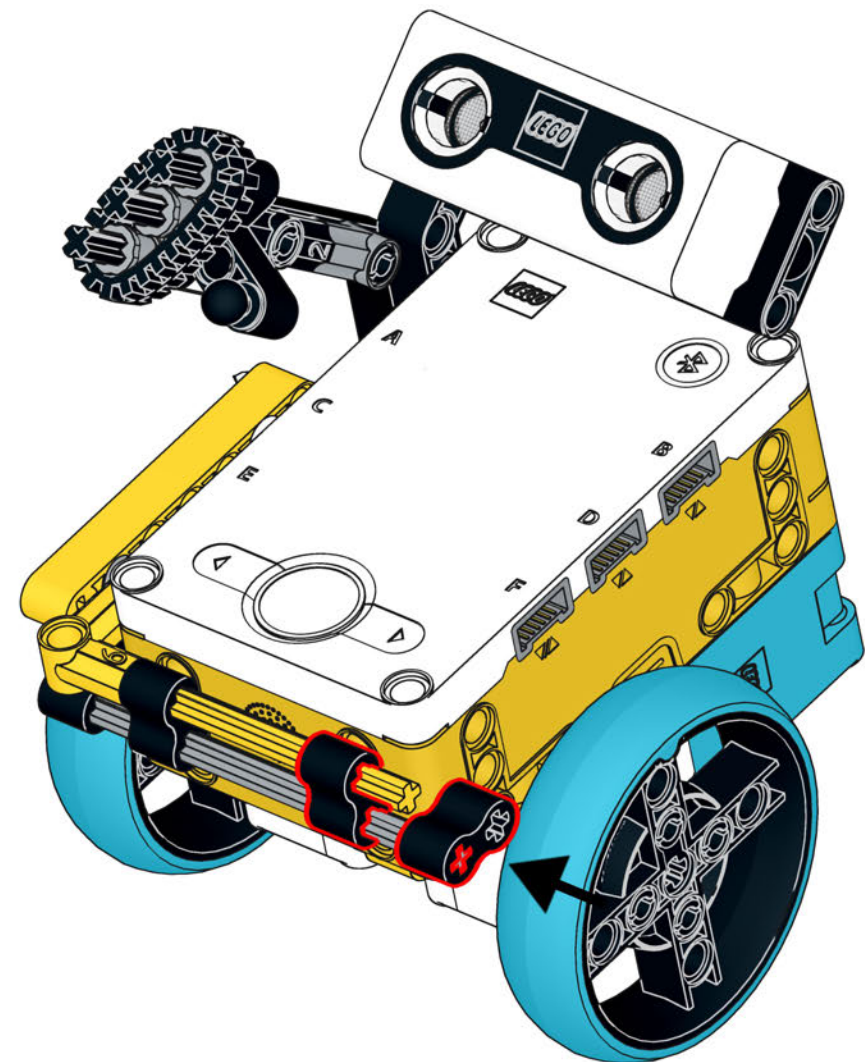
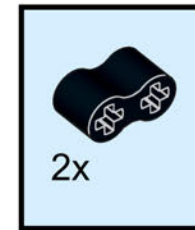
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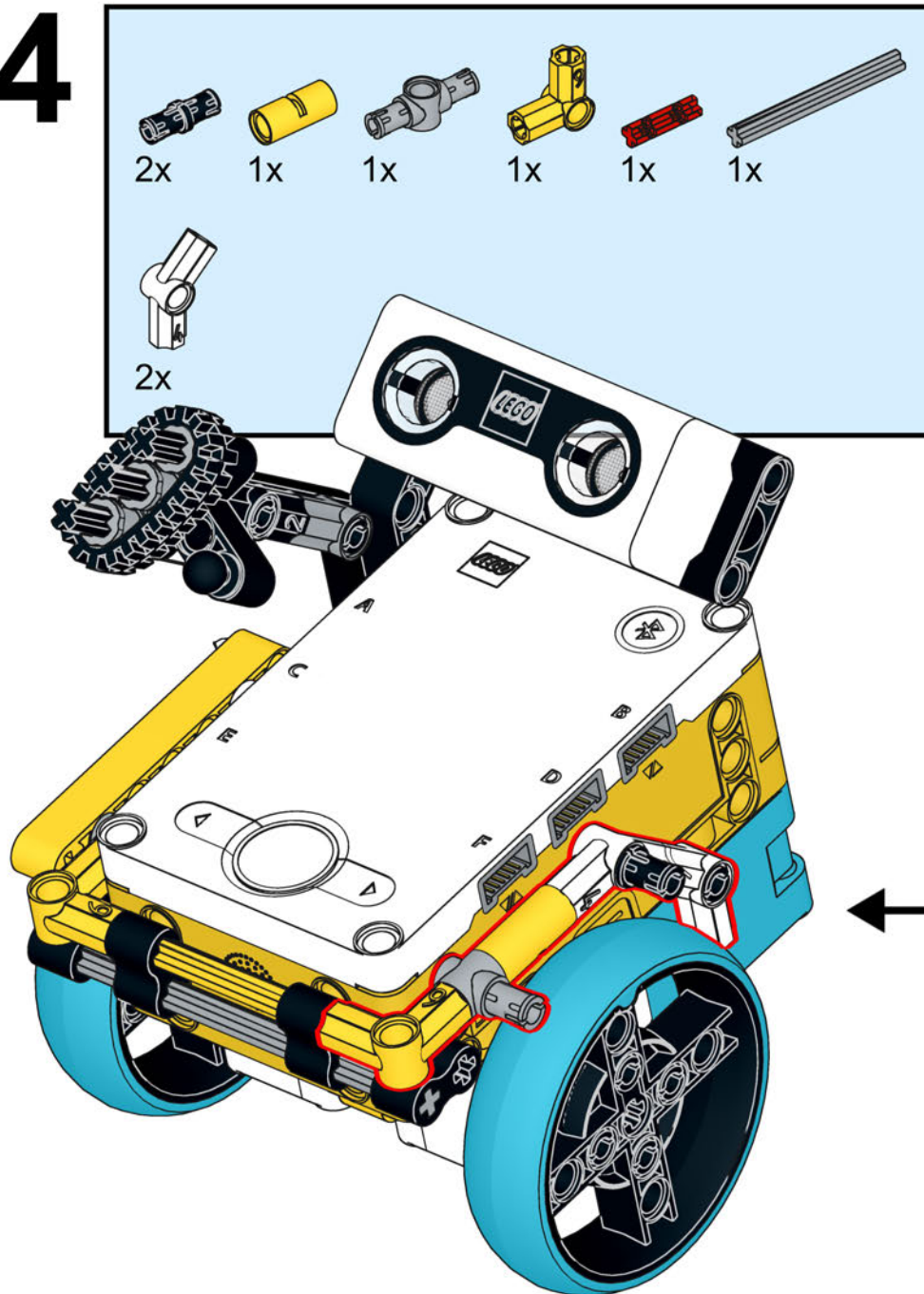
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23



24



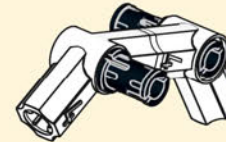
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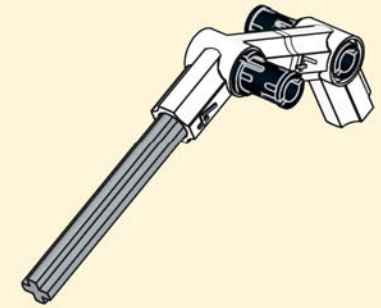
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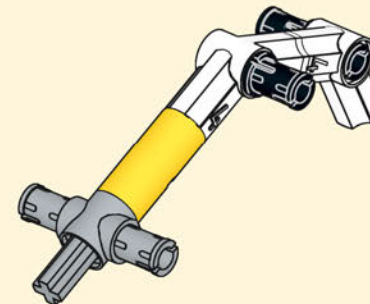
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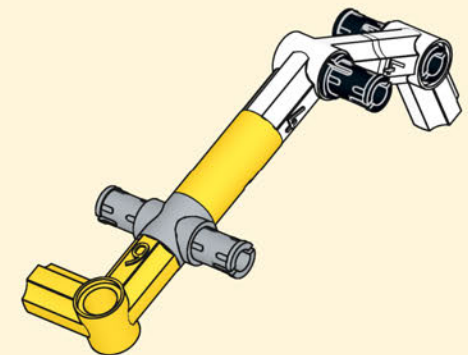
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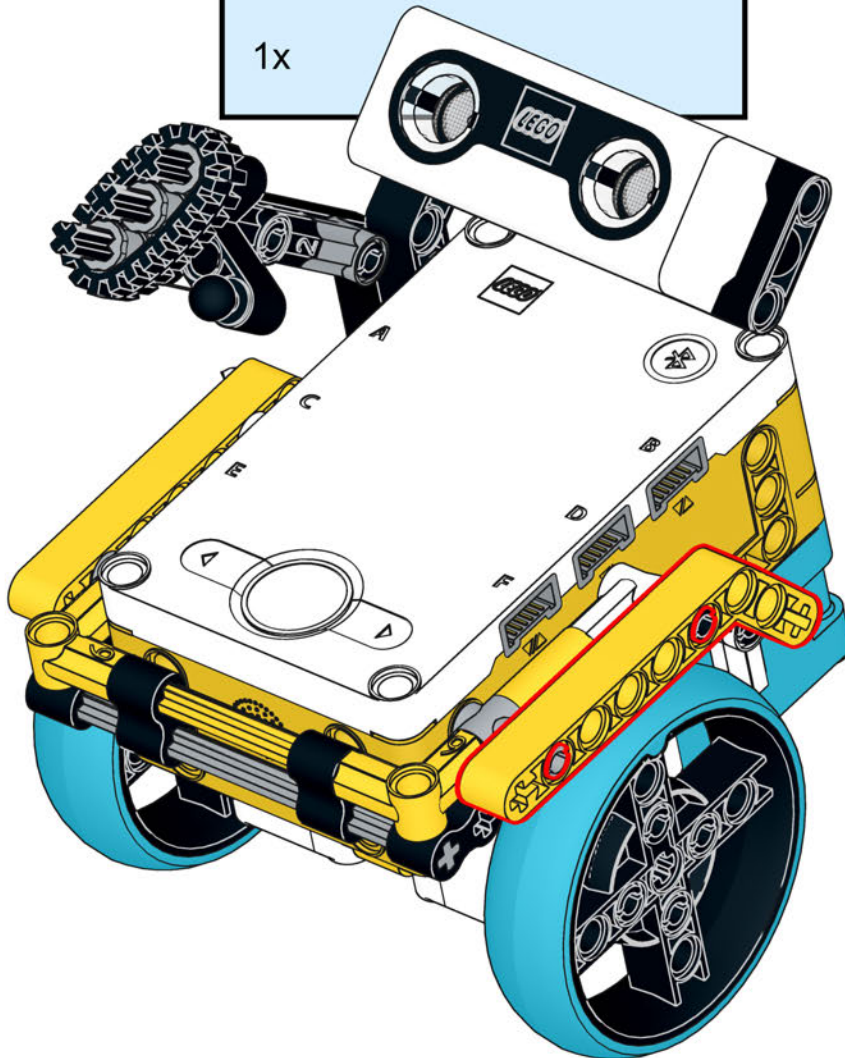
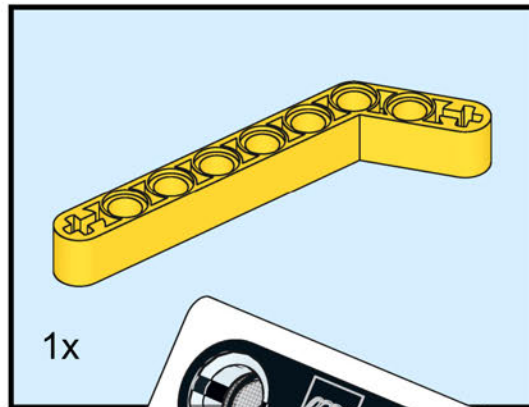
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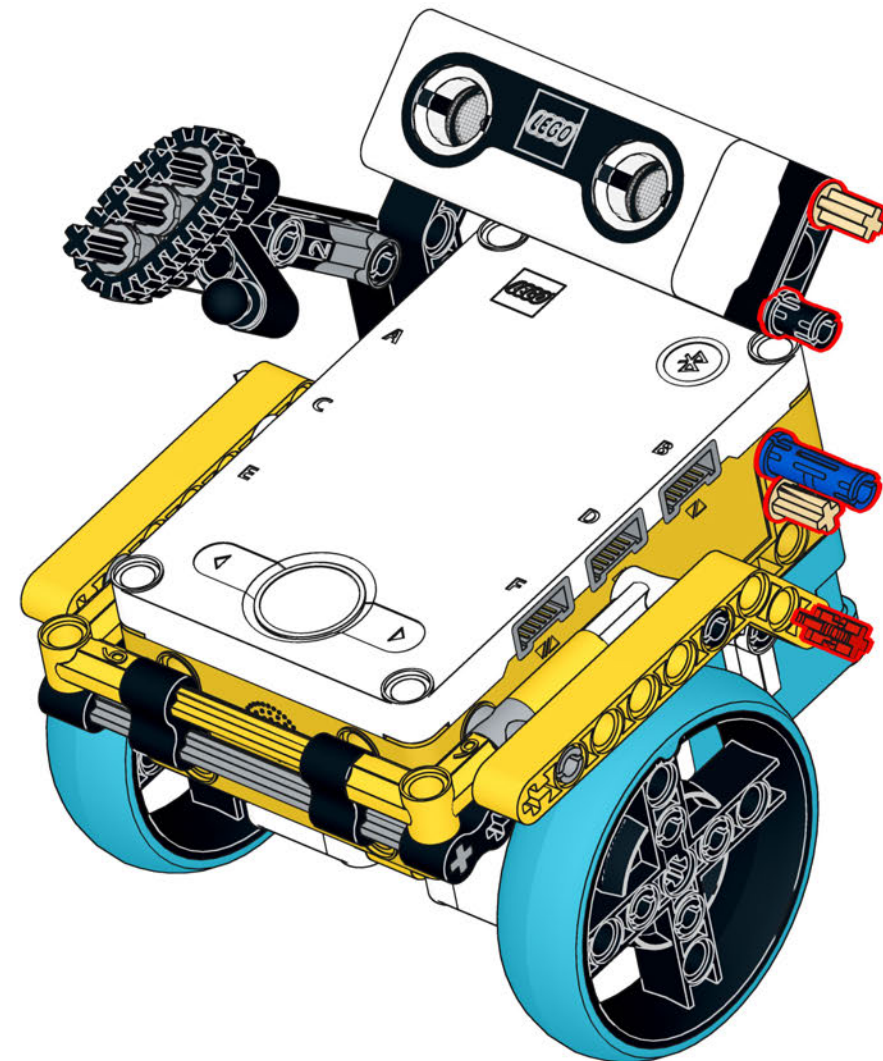
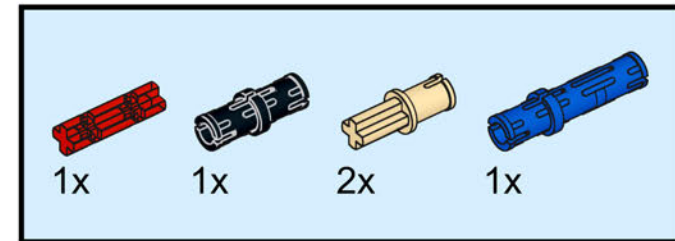
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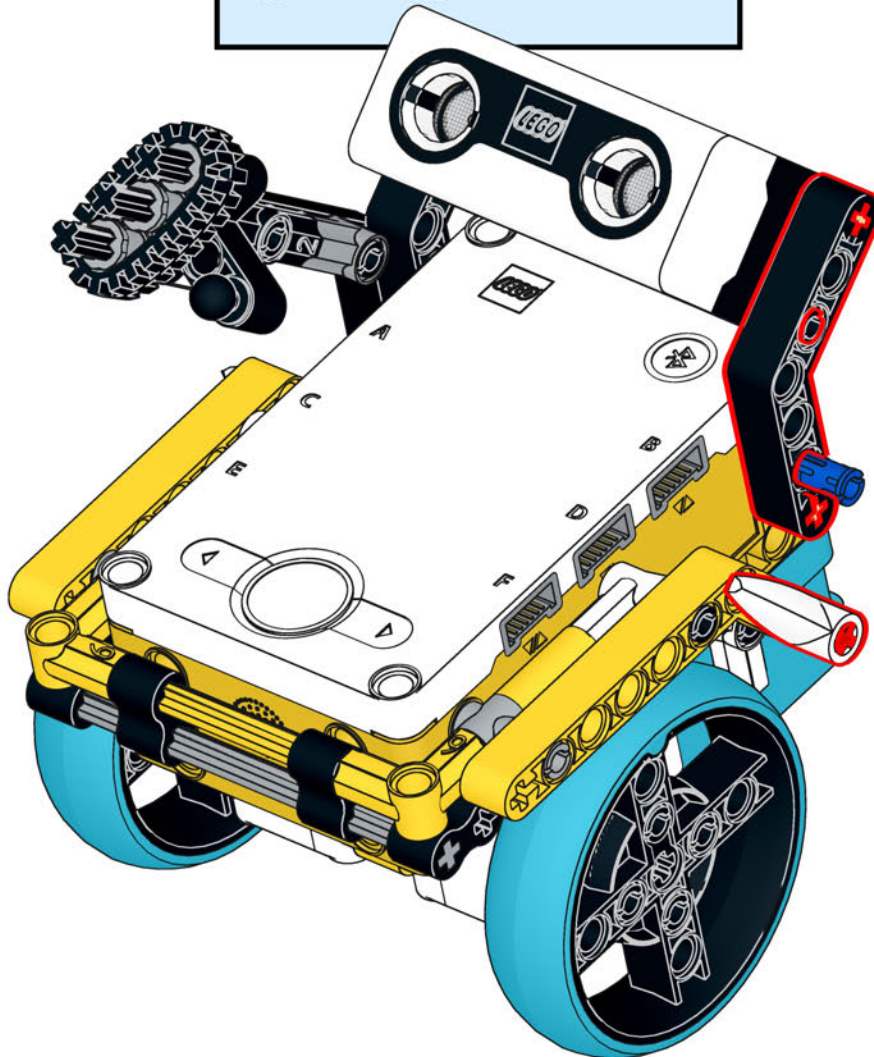
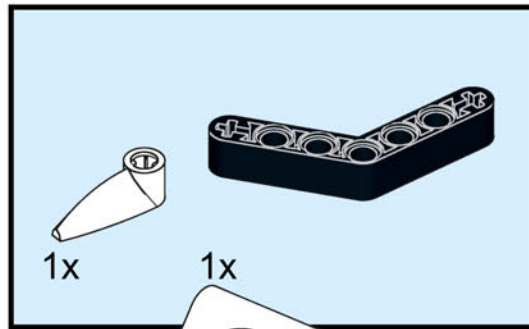
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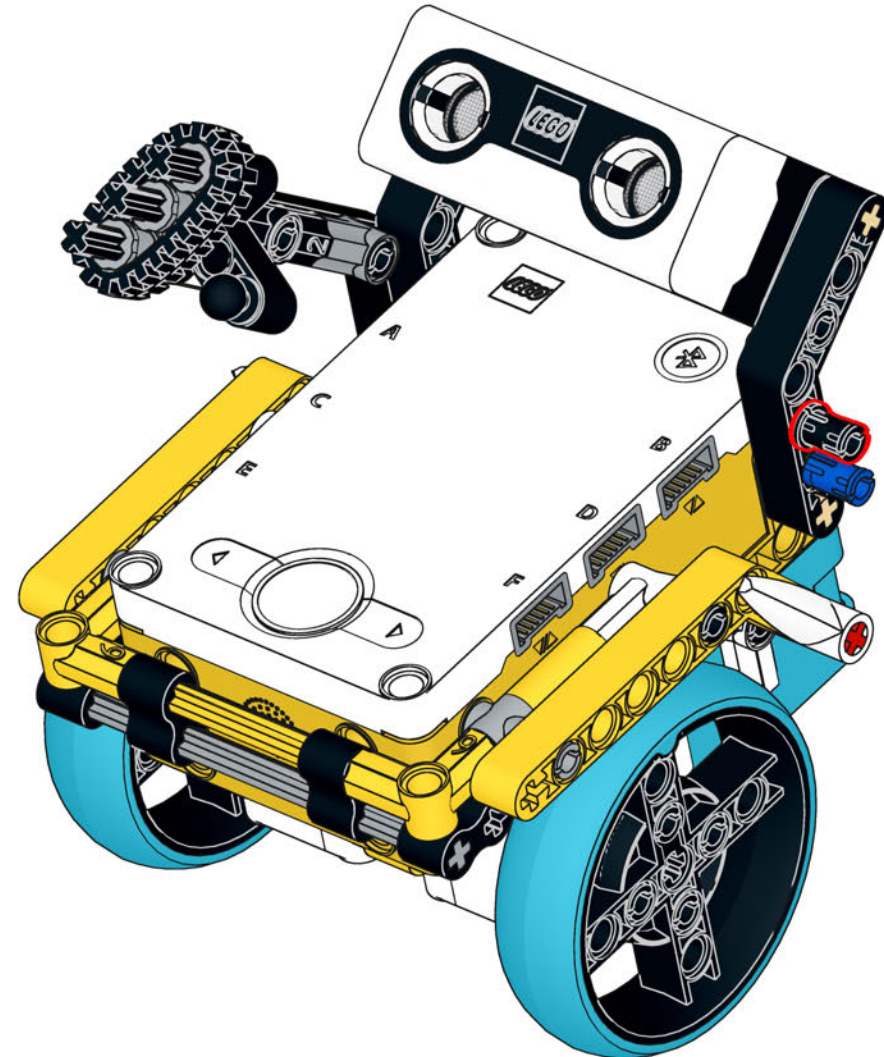
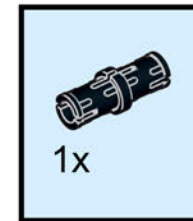
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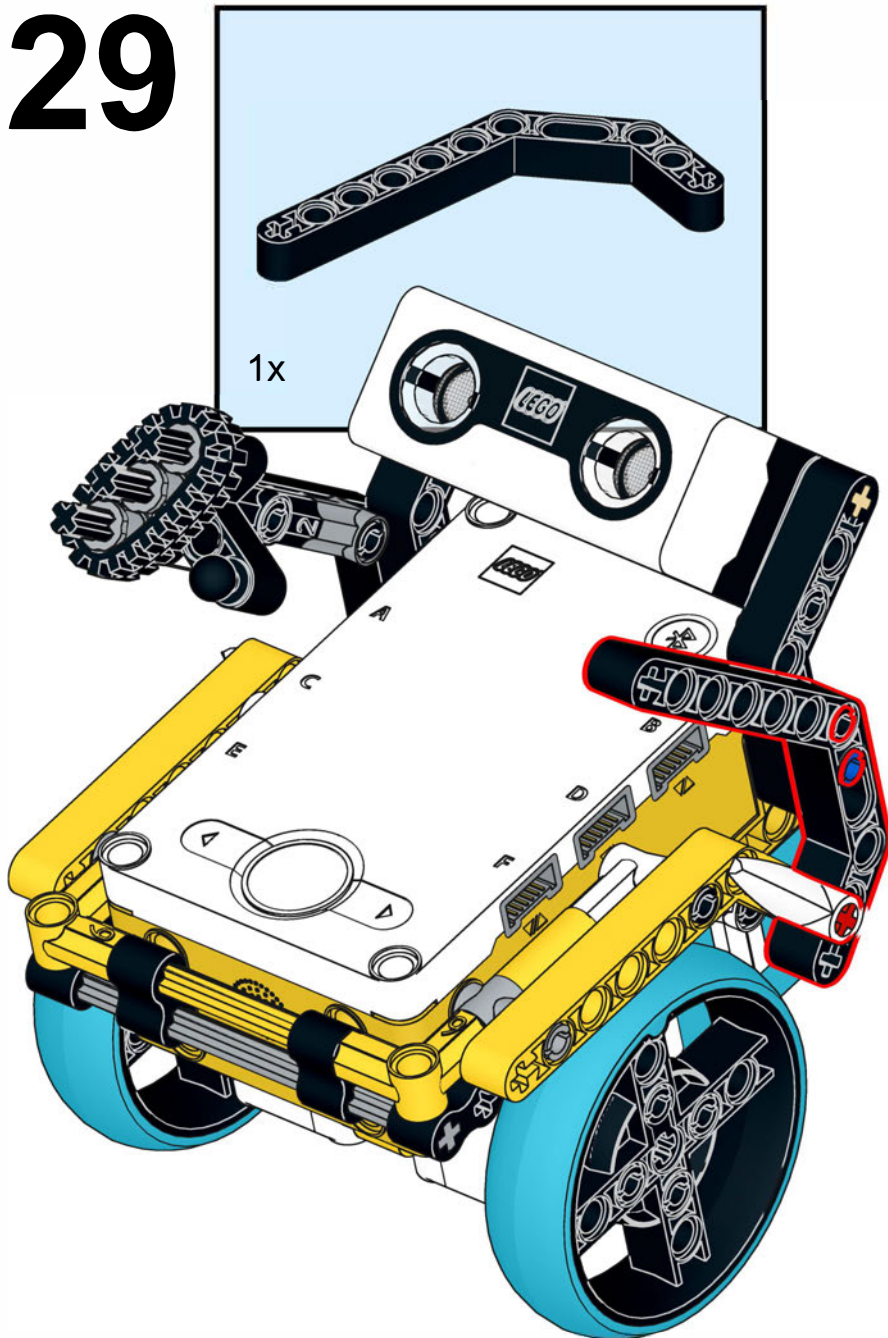
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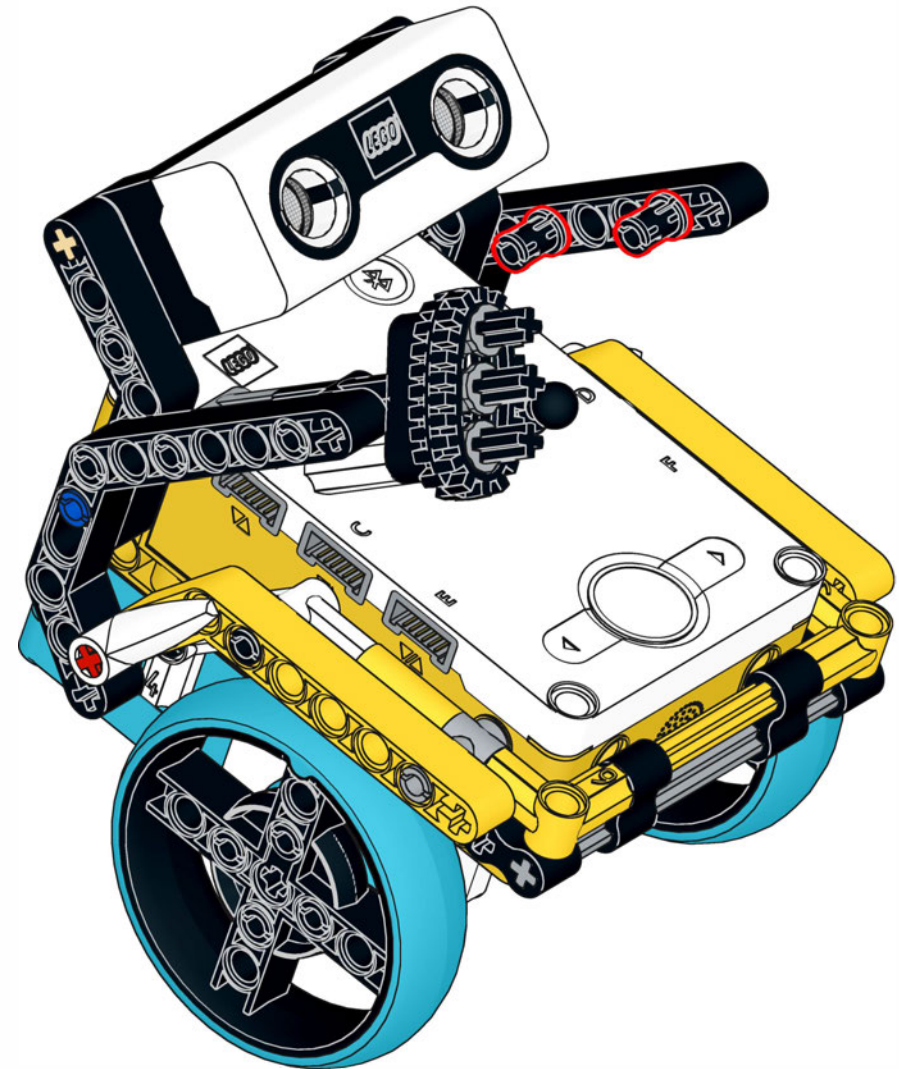
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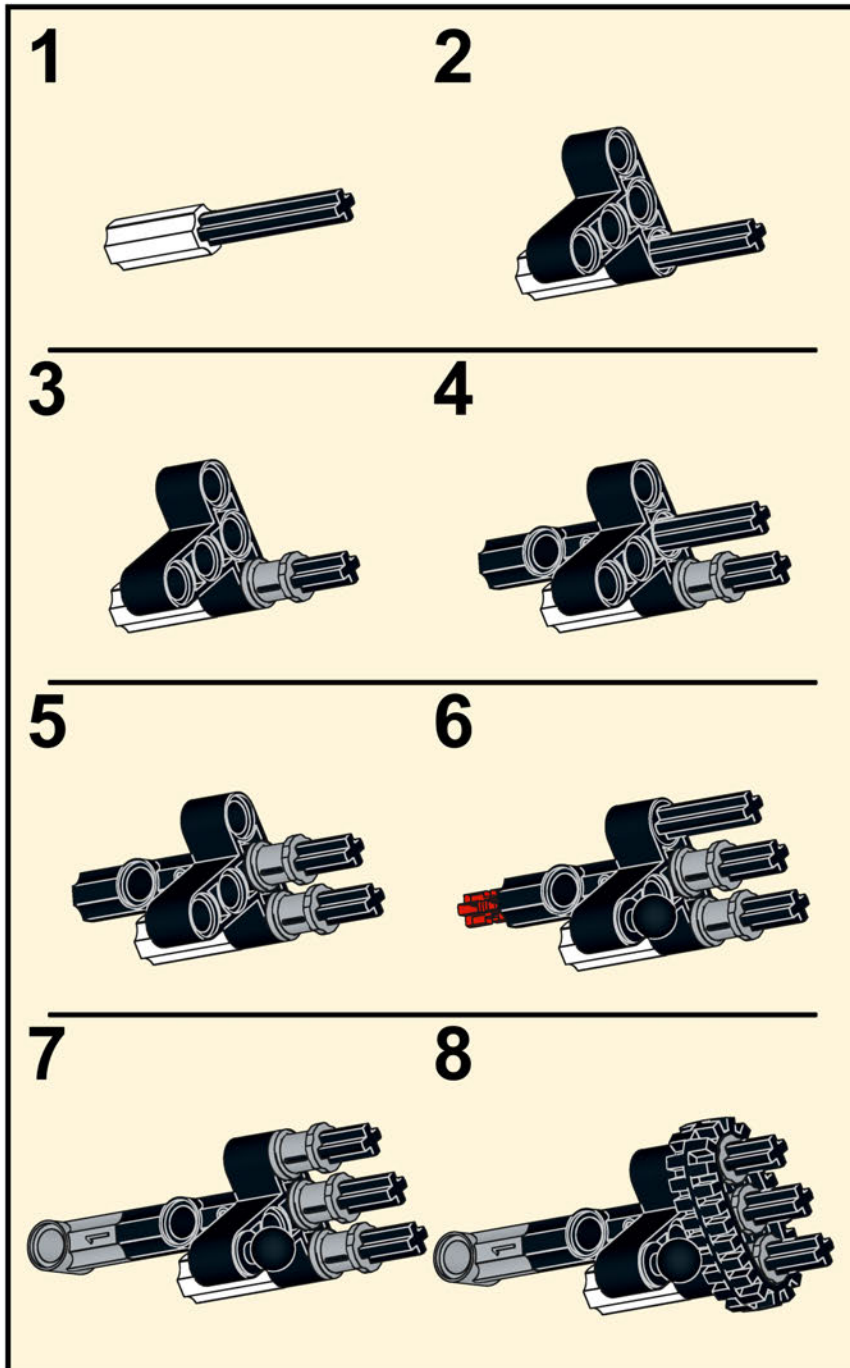


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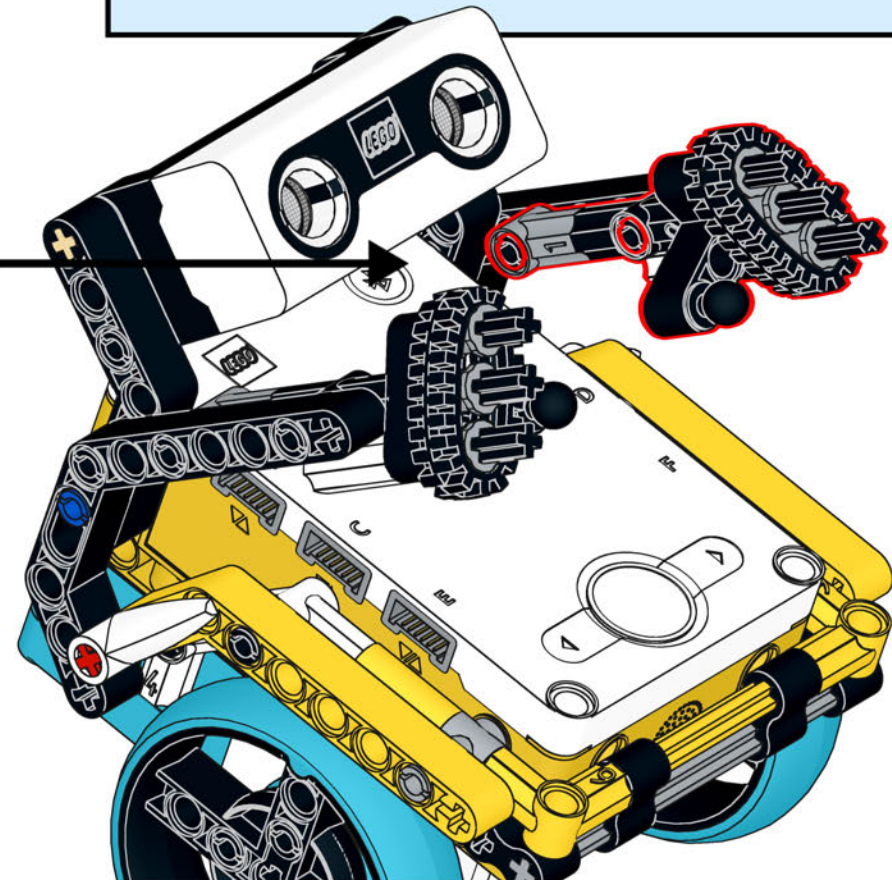
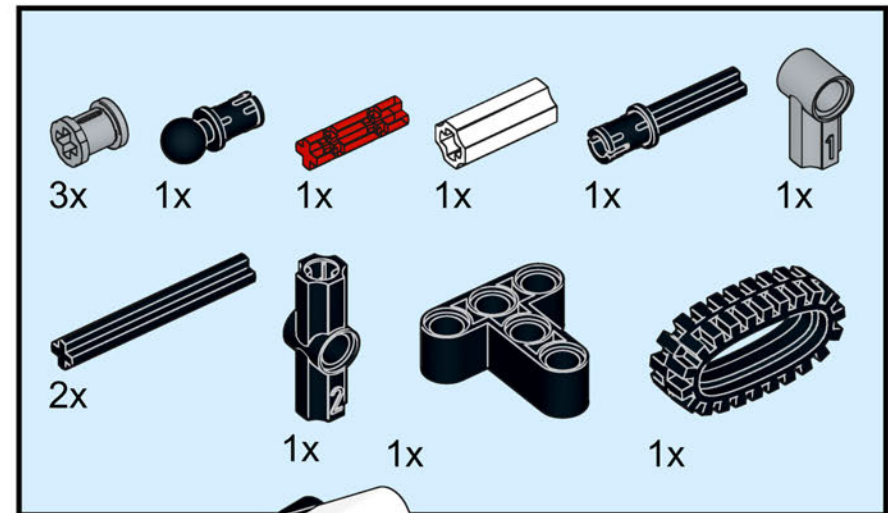


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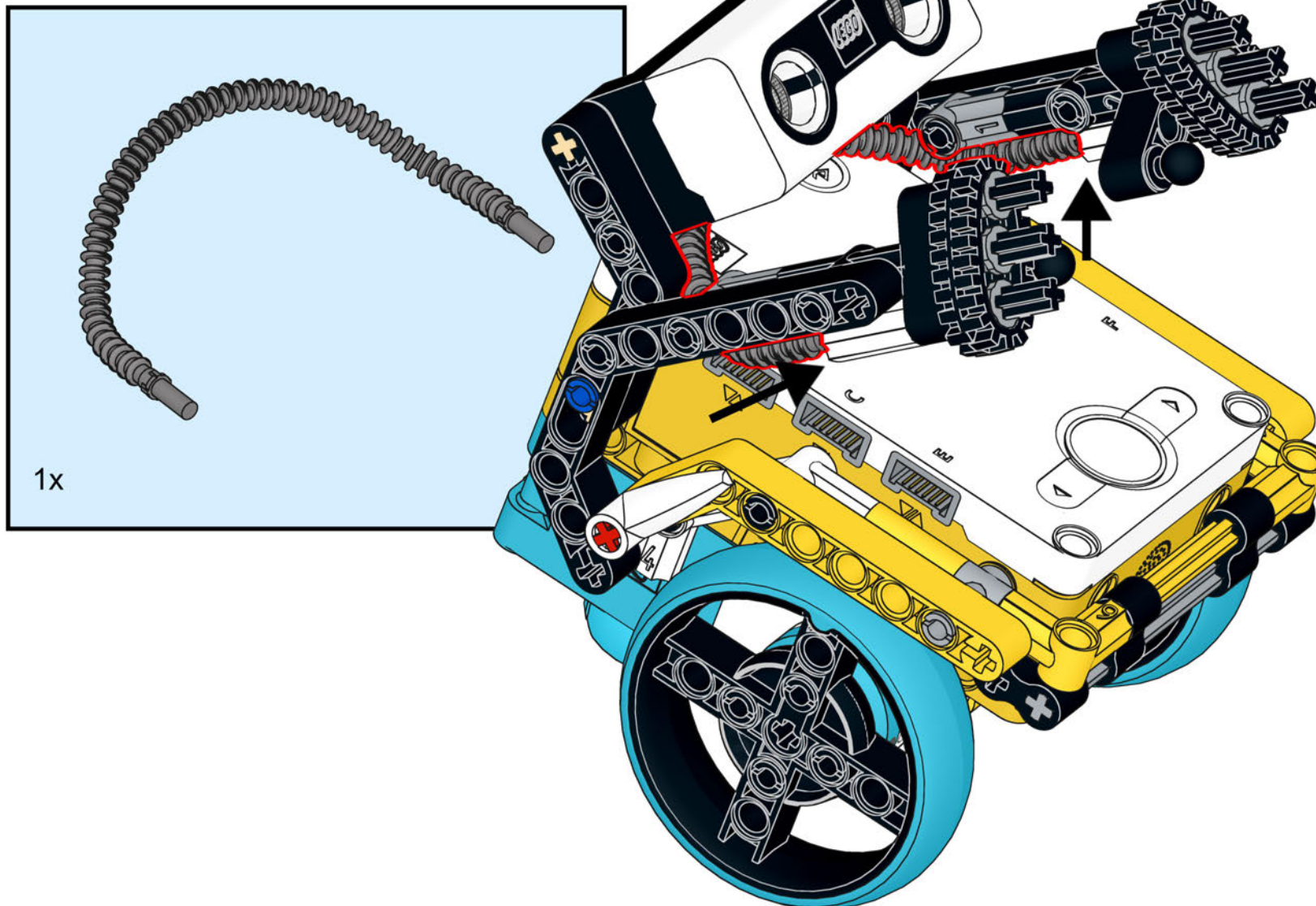




31



32



33



Tuck in the
cables between
the motors

----- See video -----

2x
6628, 11

26x
2780, 11

4x
45590, 11

2x
18651, 11

2x
32034, 11

4x
3705, 11

2x

2x
60484, 11

2x
32348, 11

2x

2x
32009, 11

6x
3713, 86

2x
32013, 86

2x
87082, 86

2x
32073, 86

1x
60485, 86

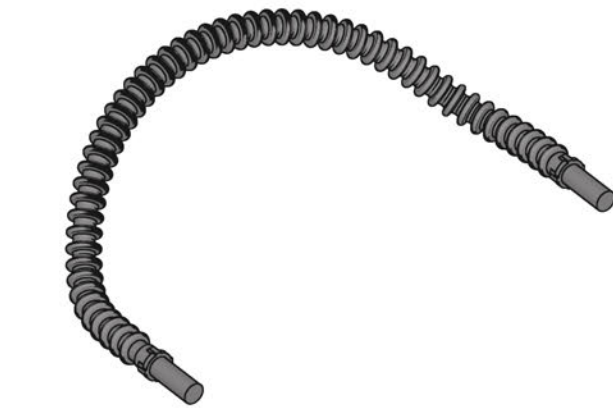
2x
6538c, 1

2x
x346, 1

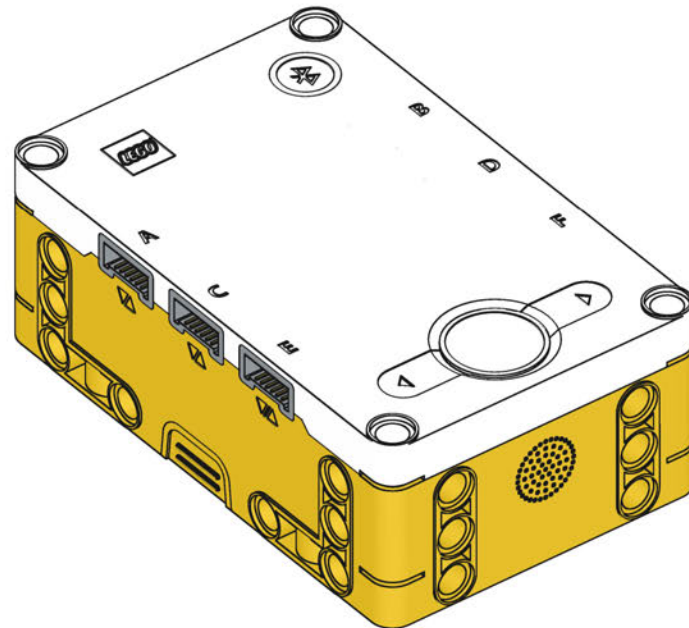
4x
32192, 1

1x

2x



1x



1x



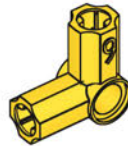
6x
32062, 5



4x
3749, 2



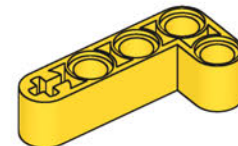
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62462, 3



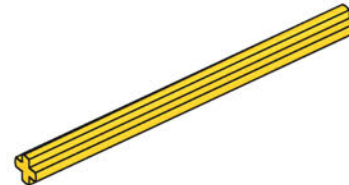
2x
32014, 3



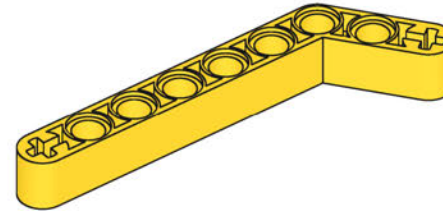
1x
4519, 3



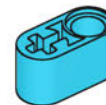
1x
32140, 3



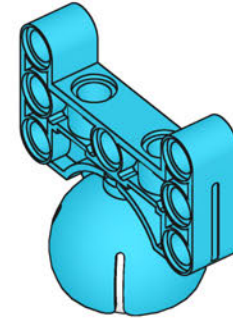
1x
44294, 3



2x
32271, 3



2x
60483, 156

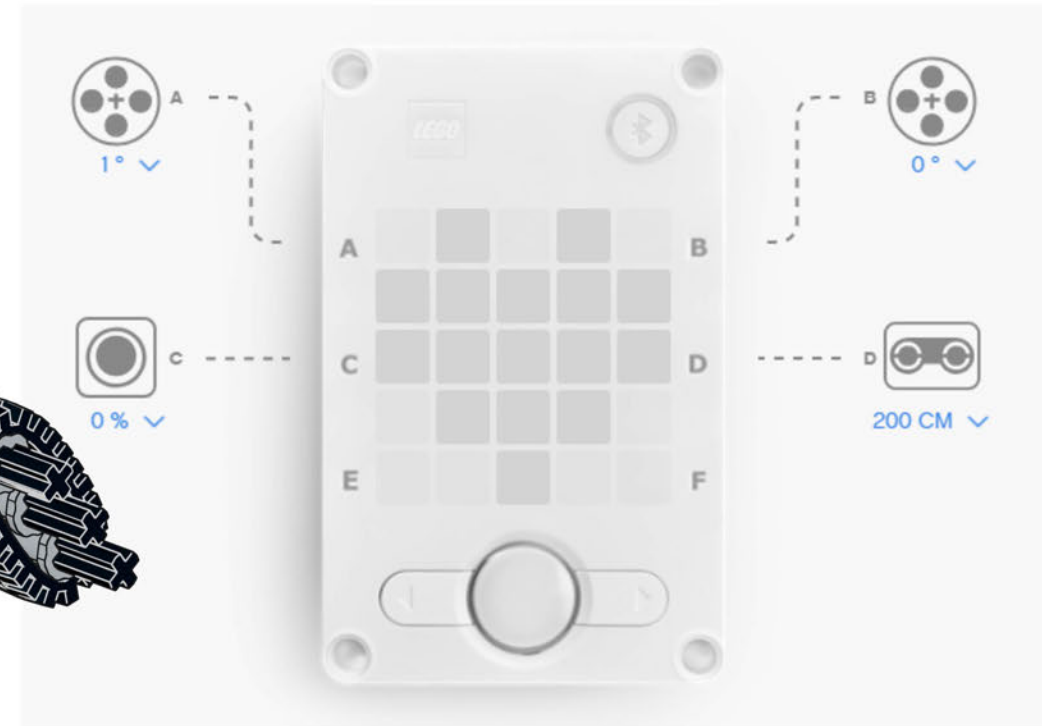
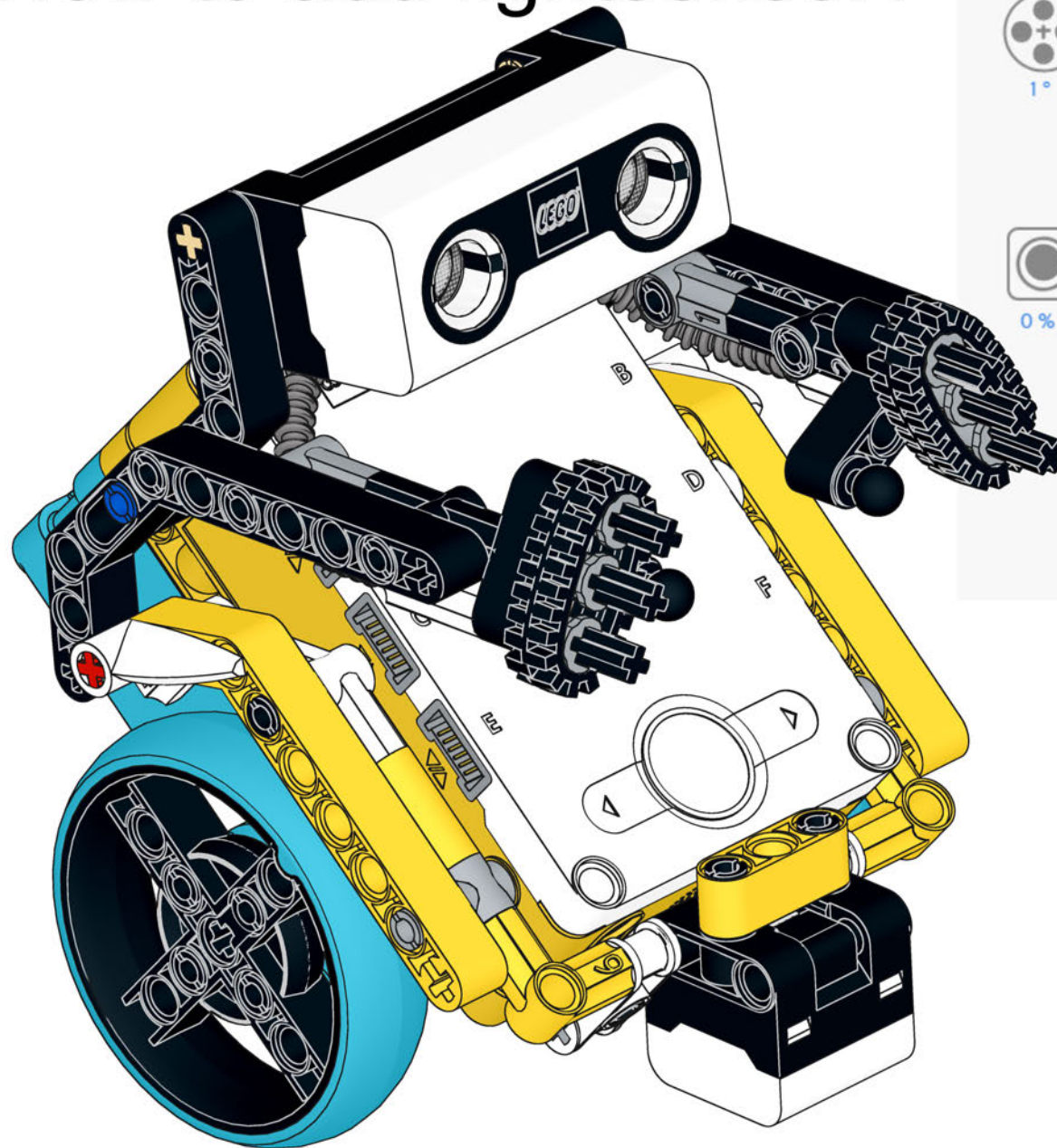


1x

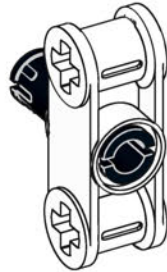
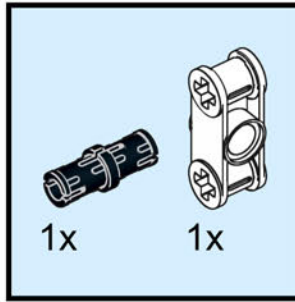


5x
6558, 7

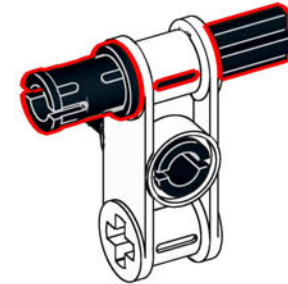
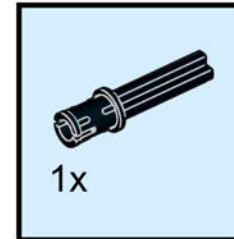
How to add lightsensor?



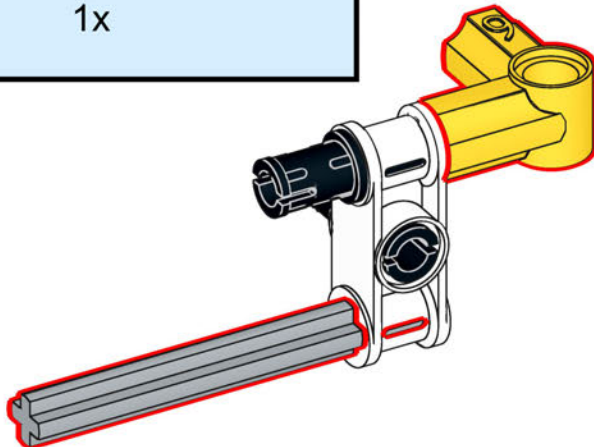
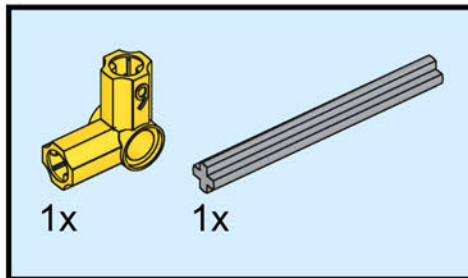
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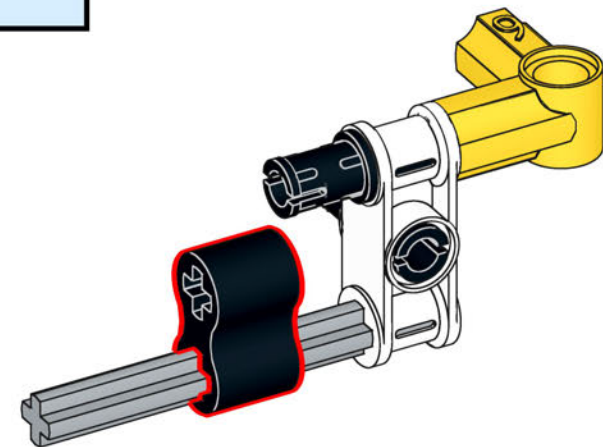
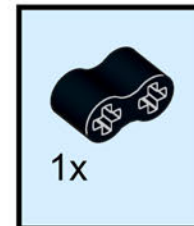
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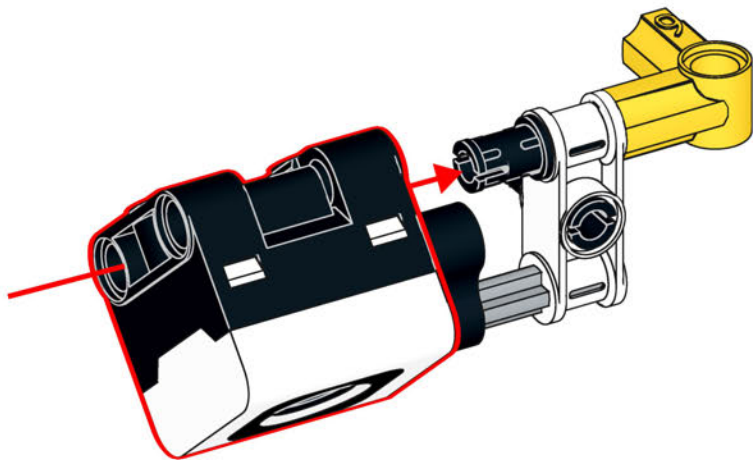
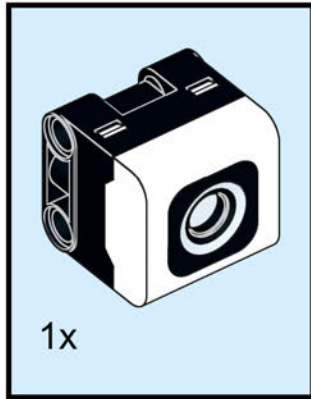
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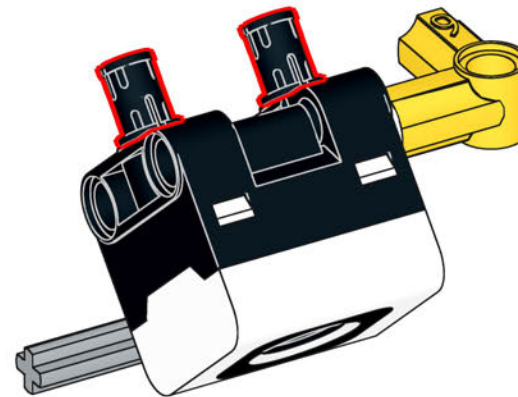
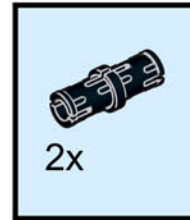
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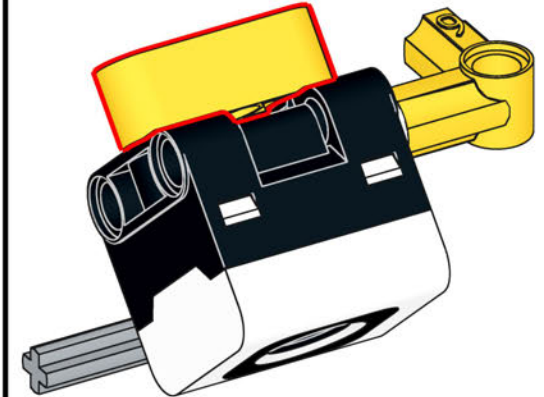
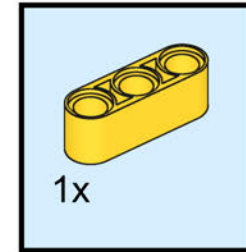
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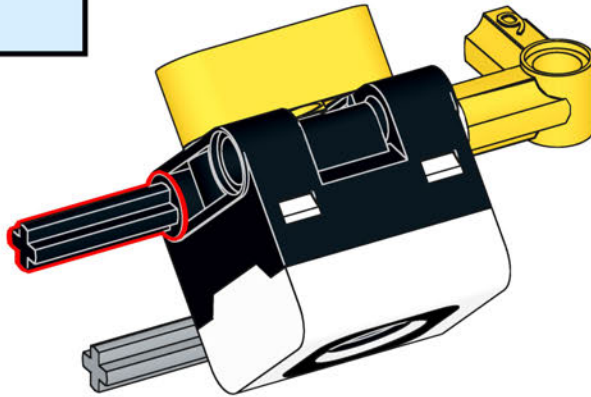
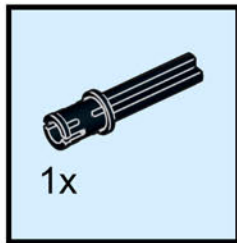
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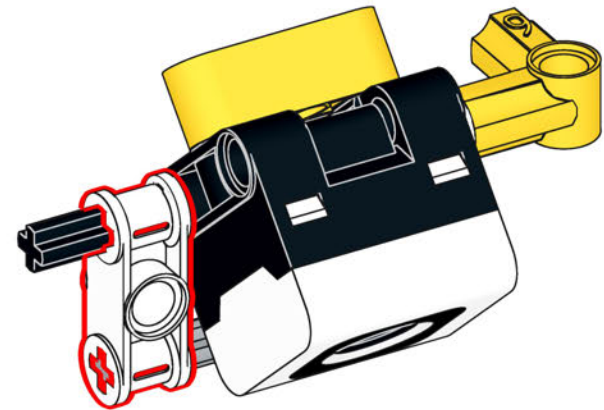
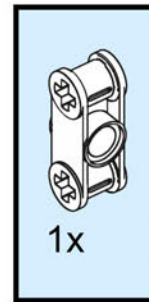
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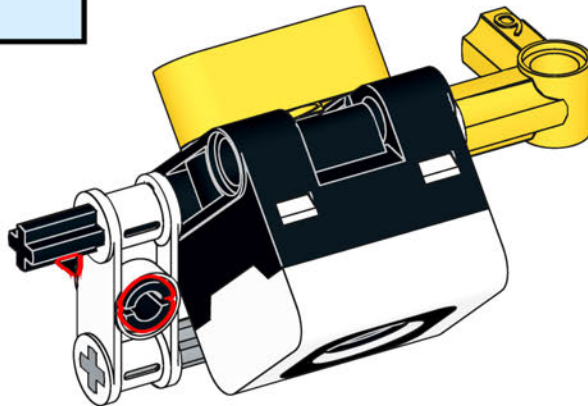
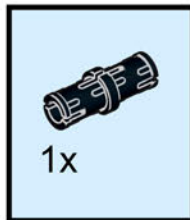
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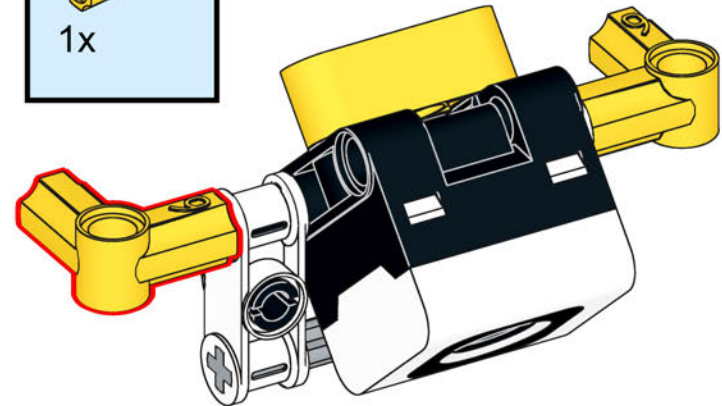
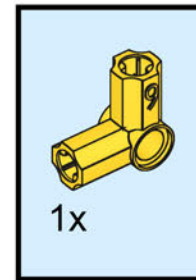
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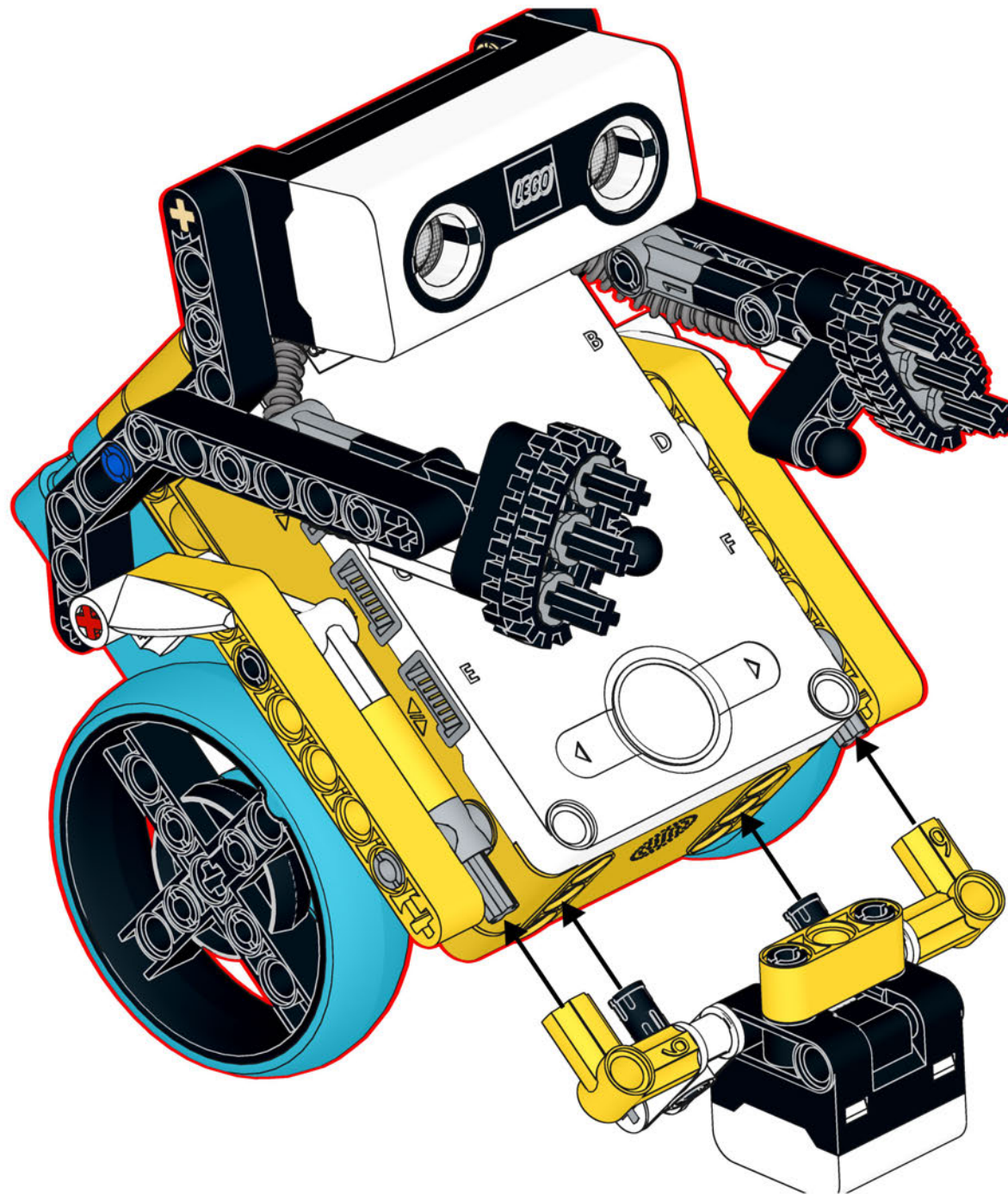
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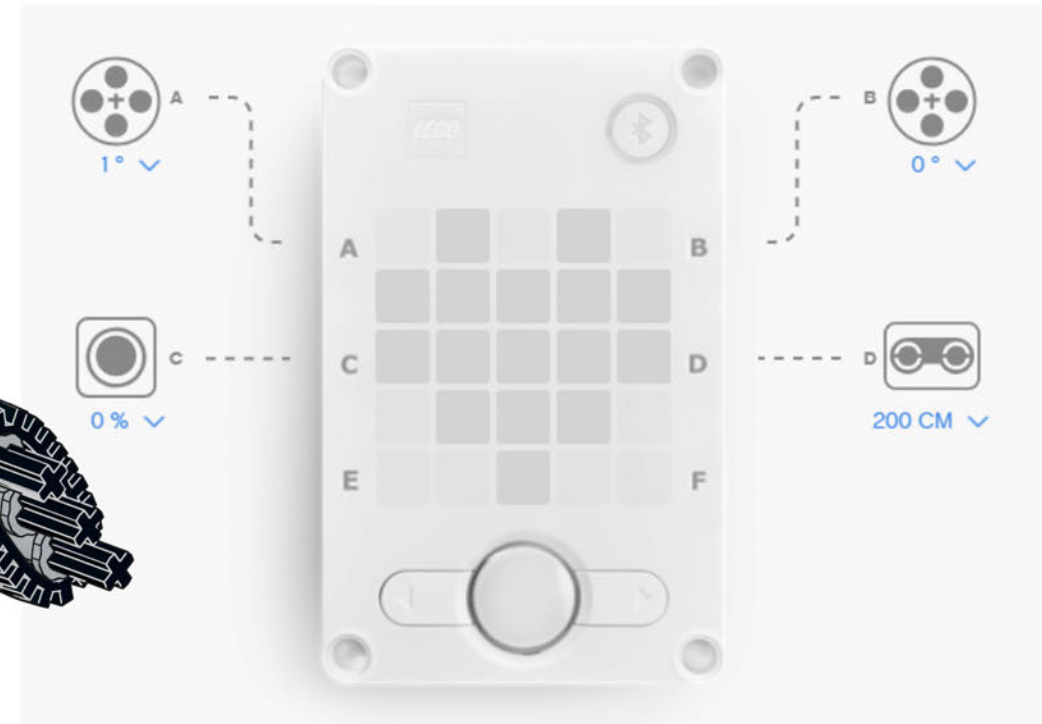
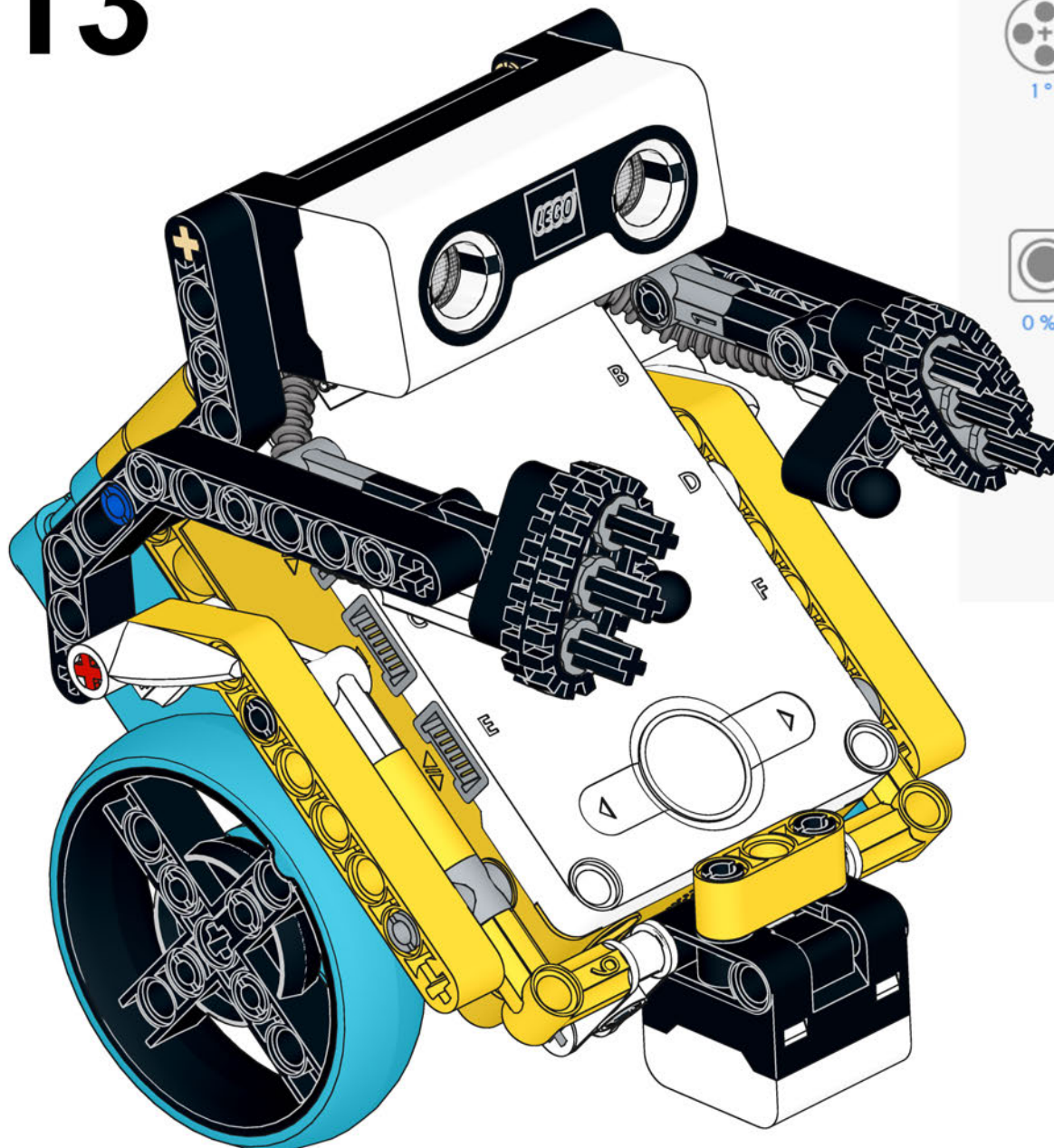
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12

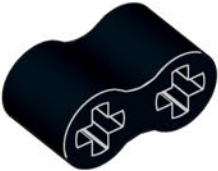


13





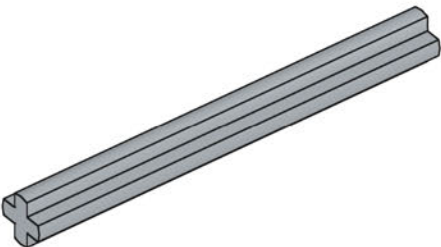
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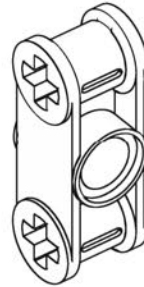
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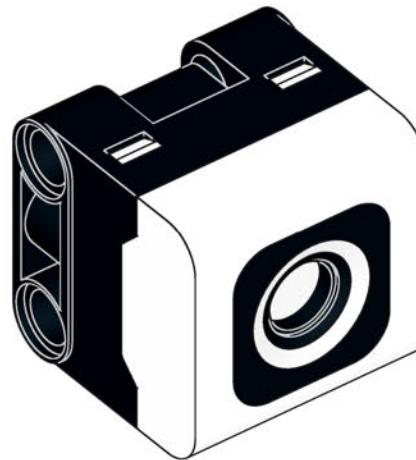
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18651, 11



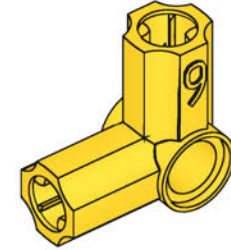
1x
32073, 86



2x
32184, 1



1x



2x
32014, 3



1x
32523, 3



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