

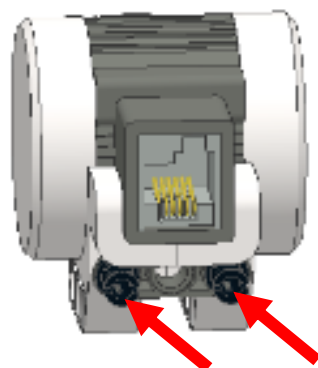
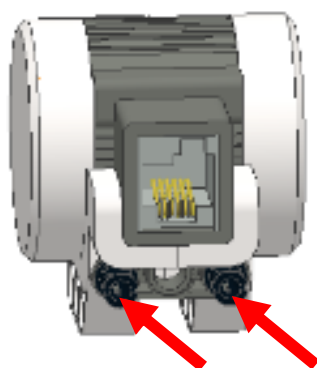
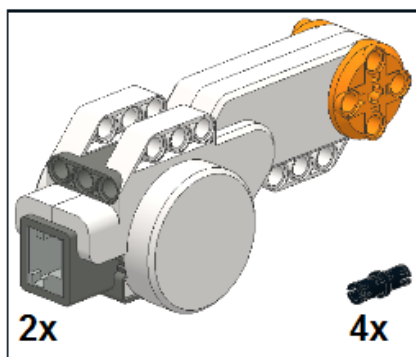
QLB 2.1

Building Instructions

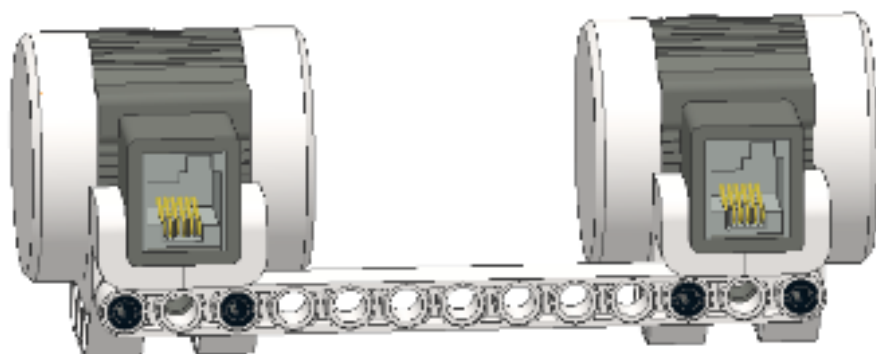
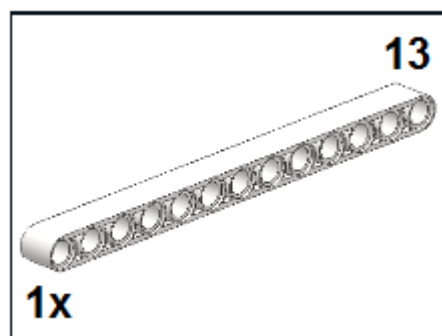


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1



2



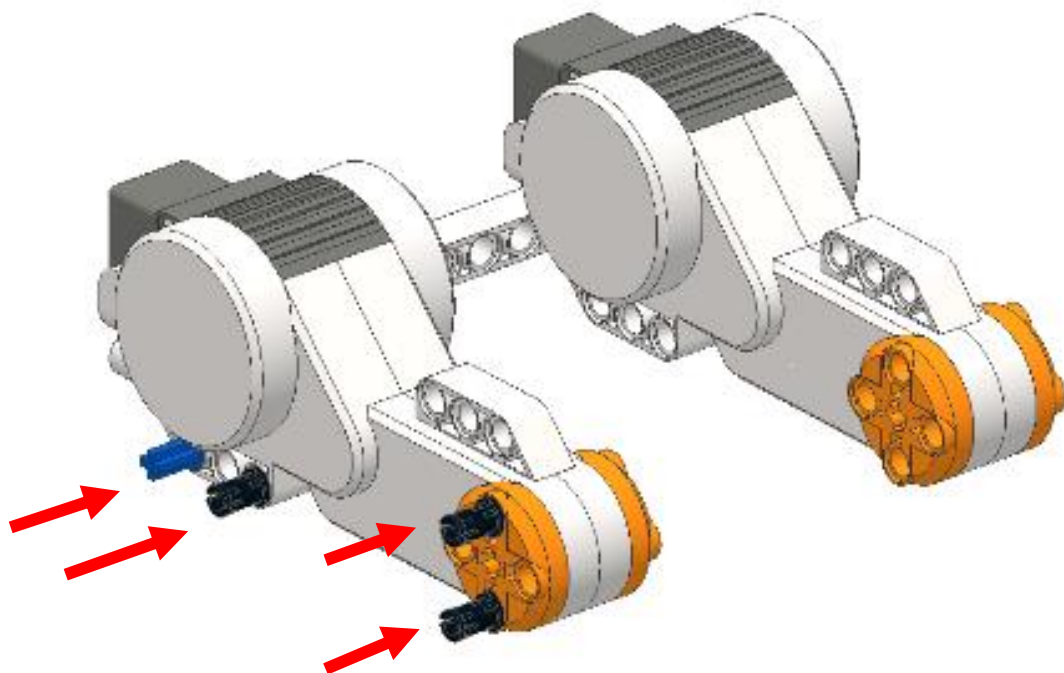
3



3x



1x



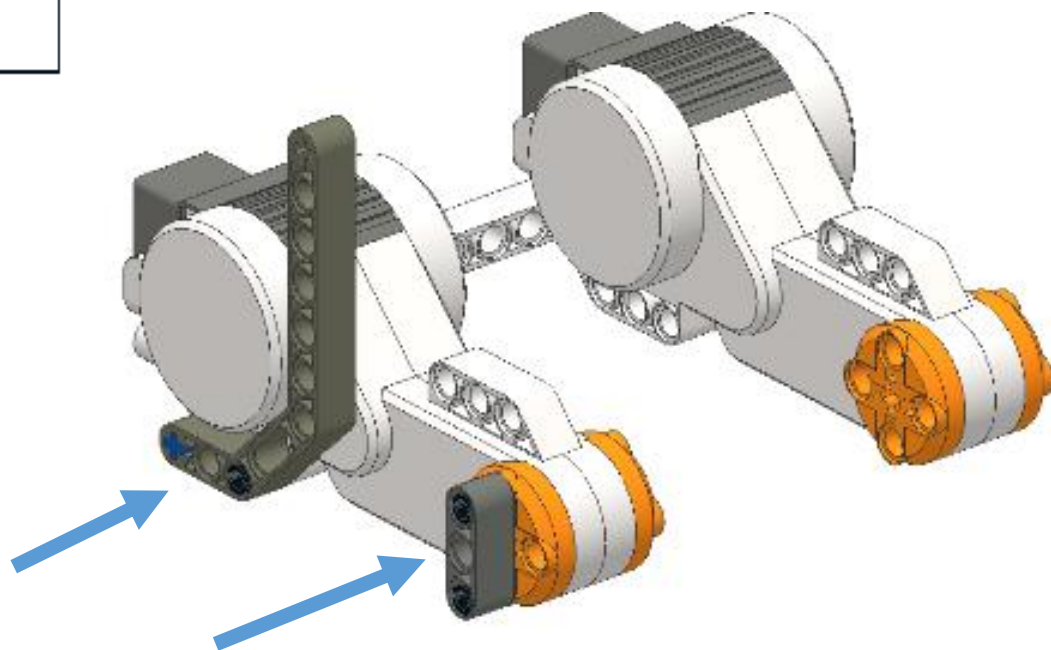
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3



1x

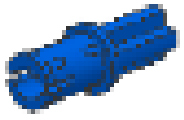
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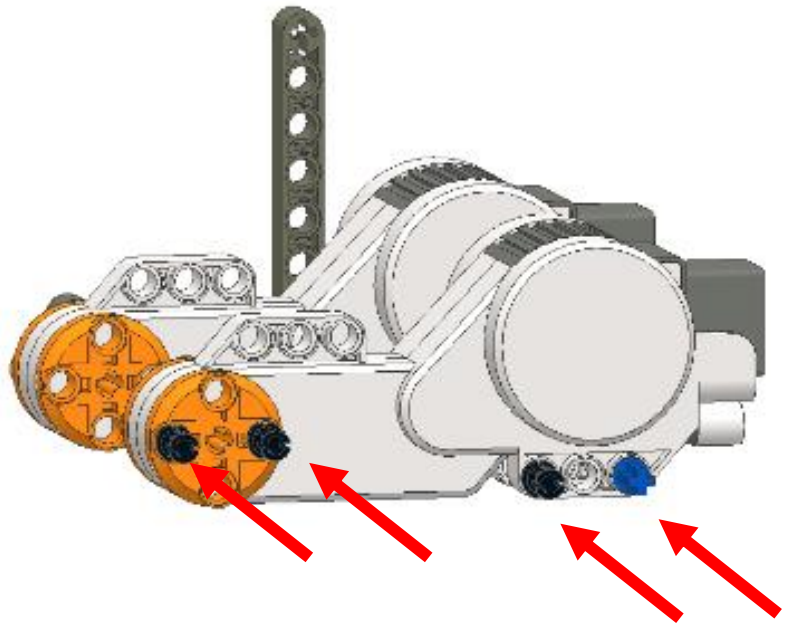
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3x



1x



6

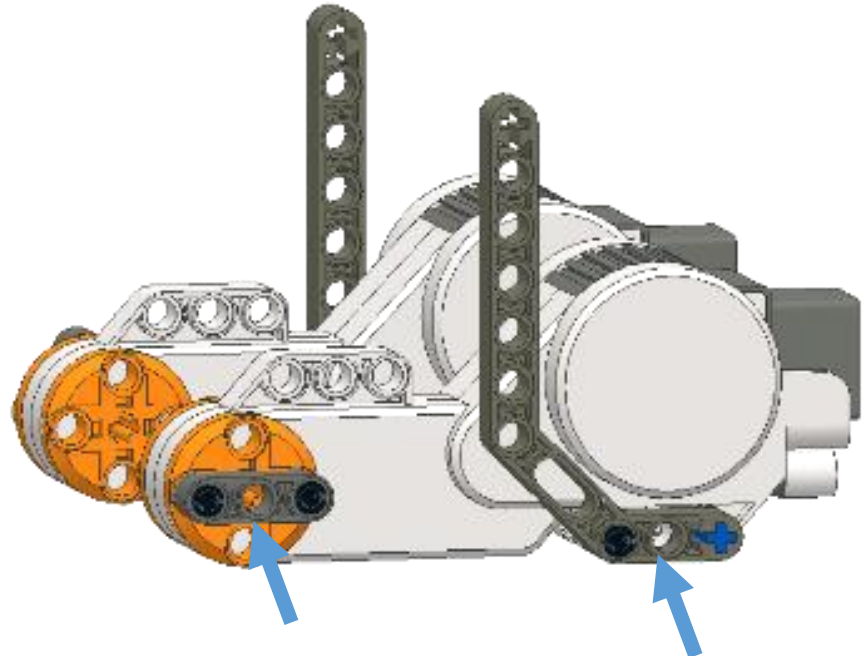
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1x



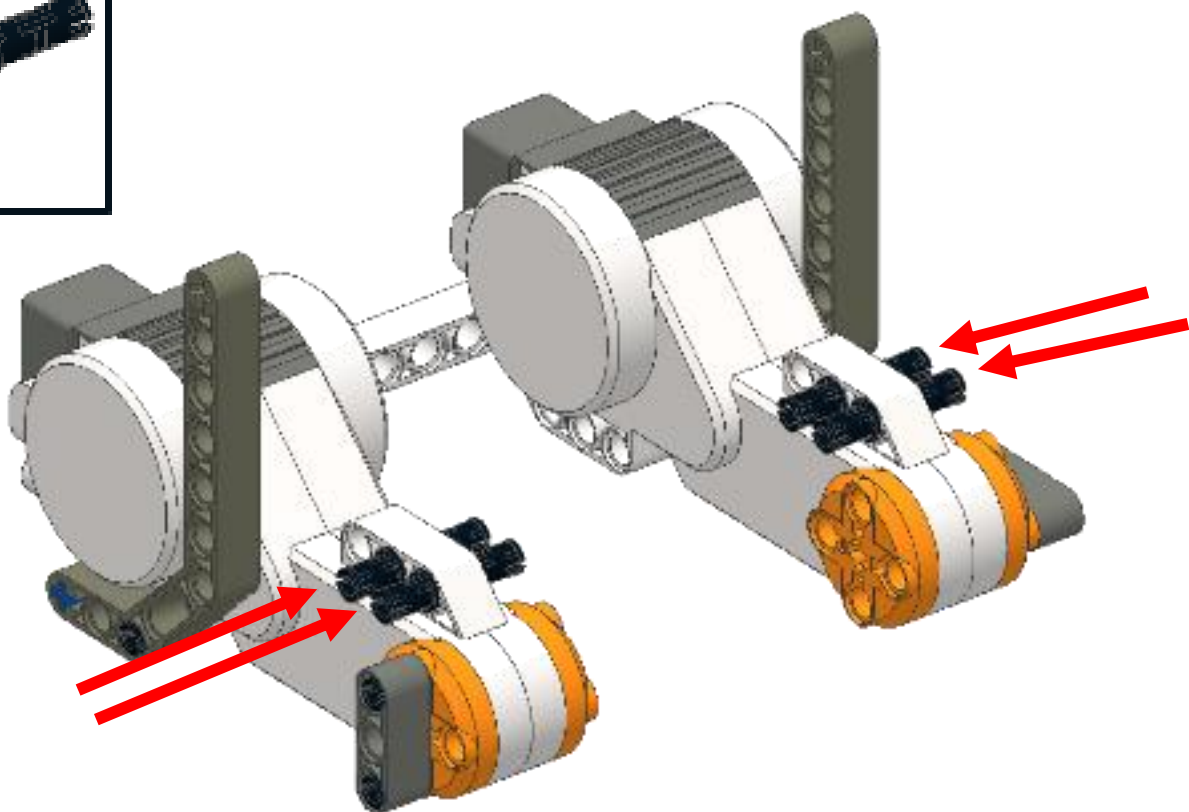
1x



7



4x

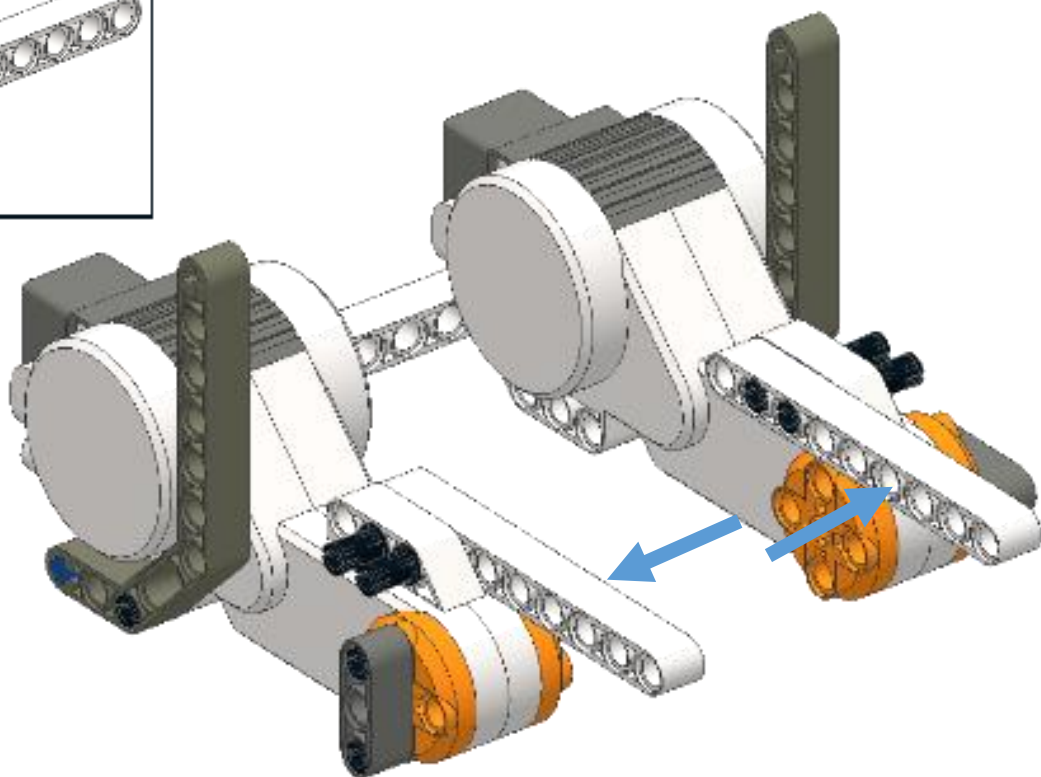


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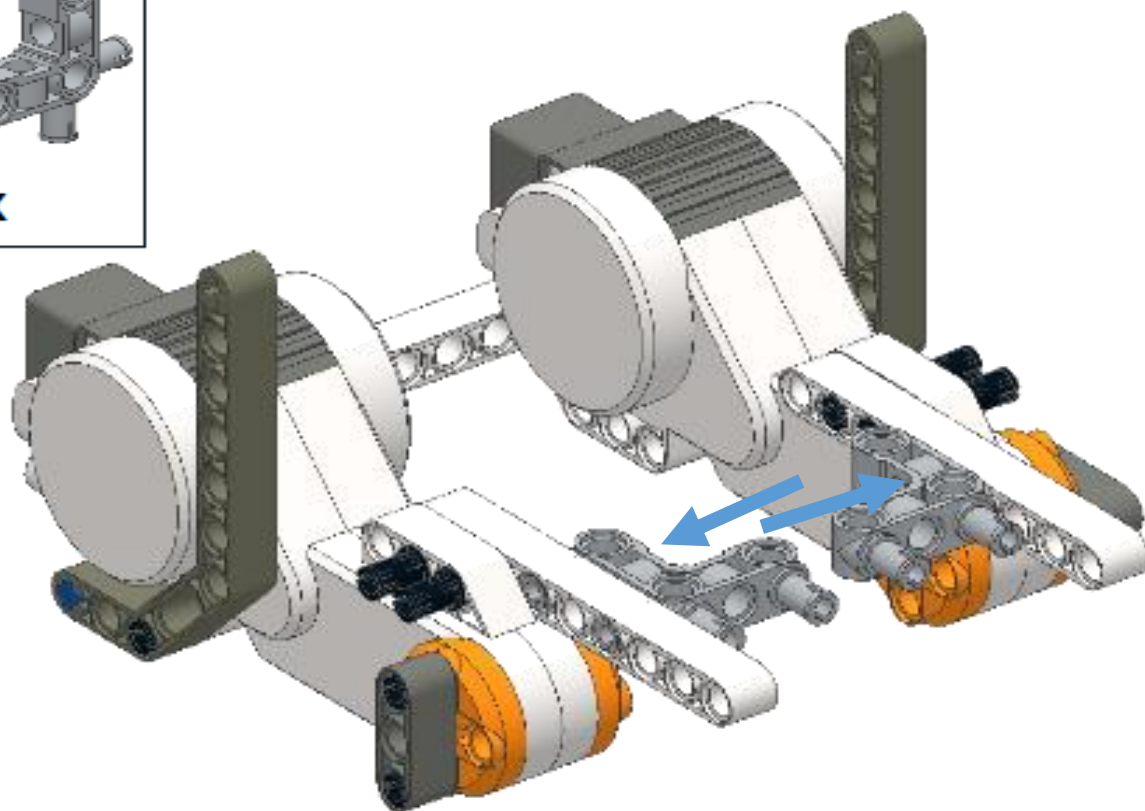
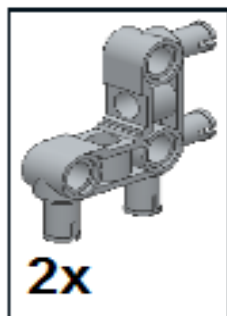
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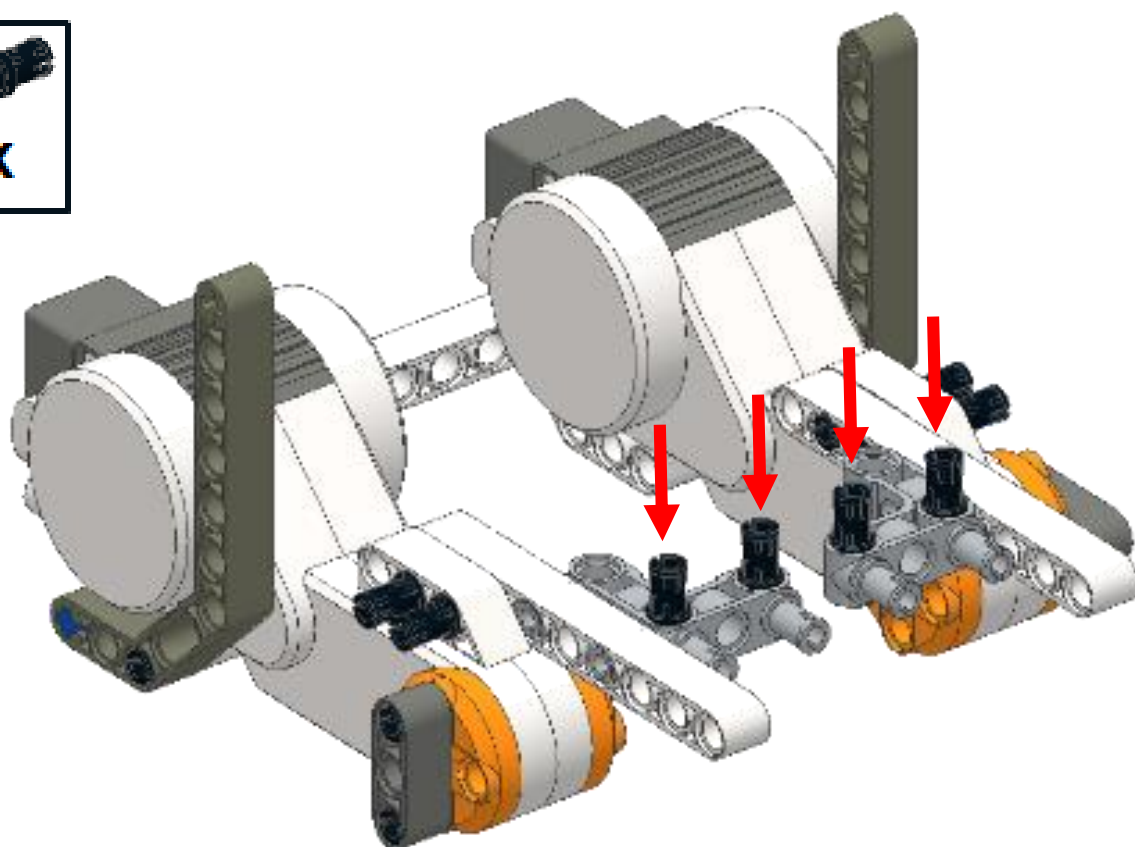
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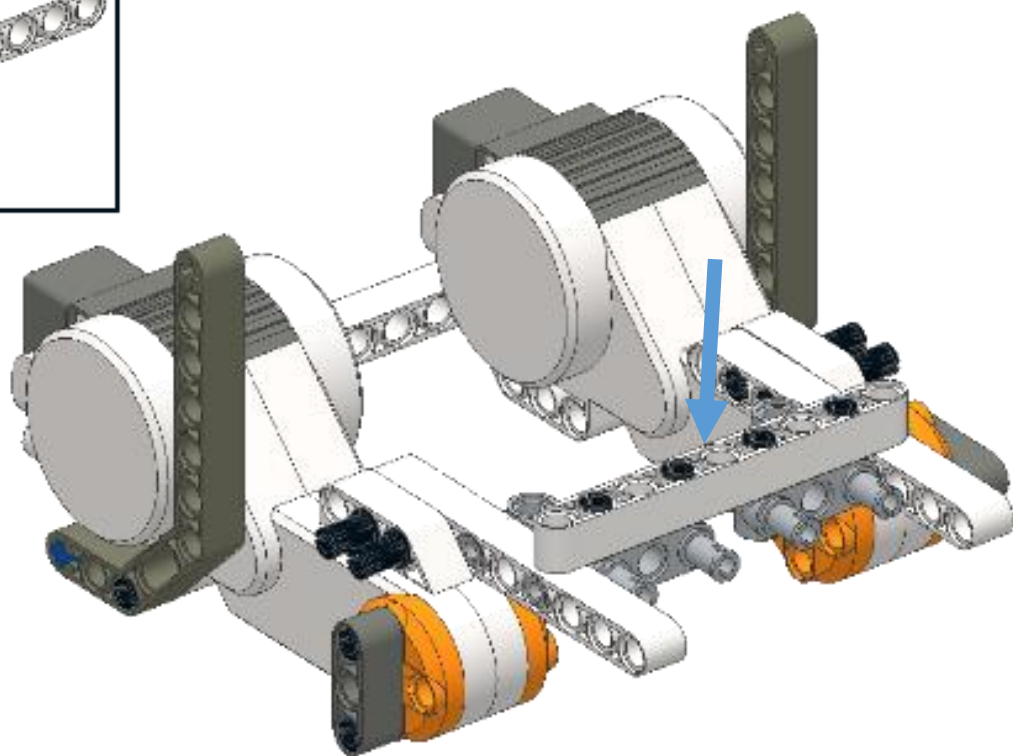
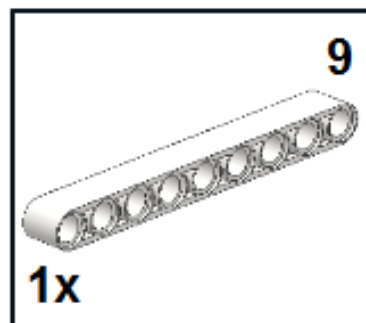
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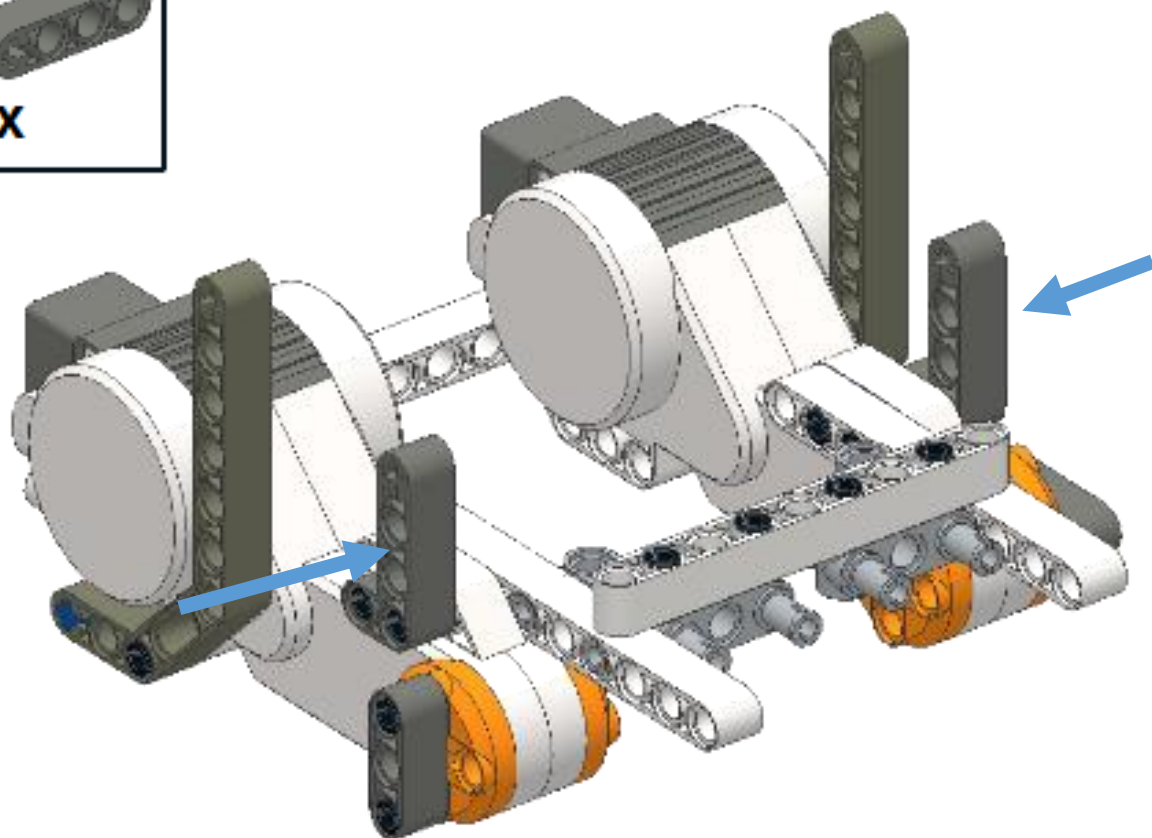
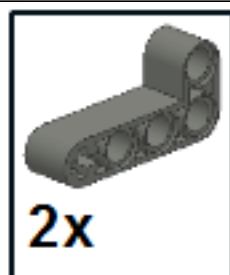
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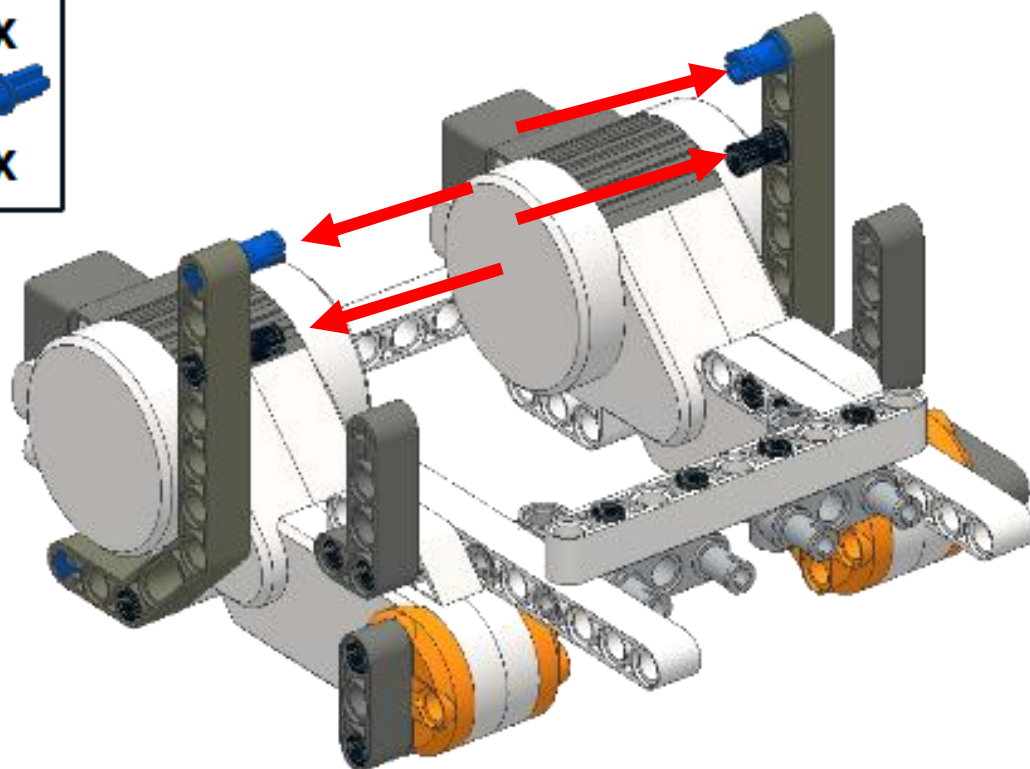
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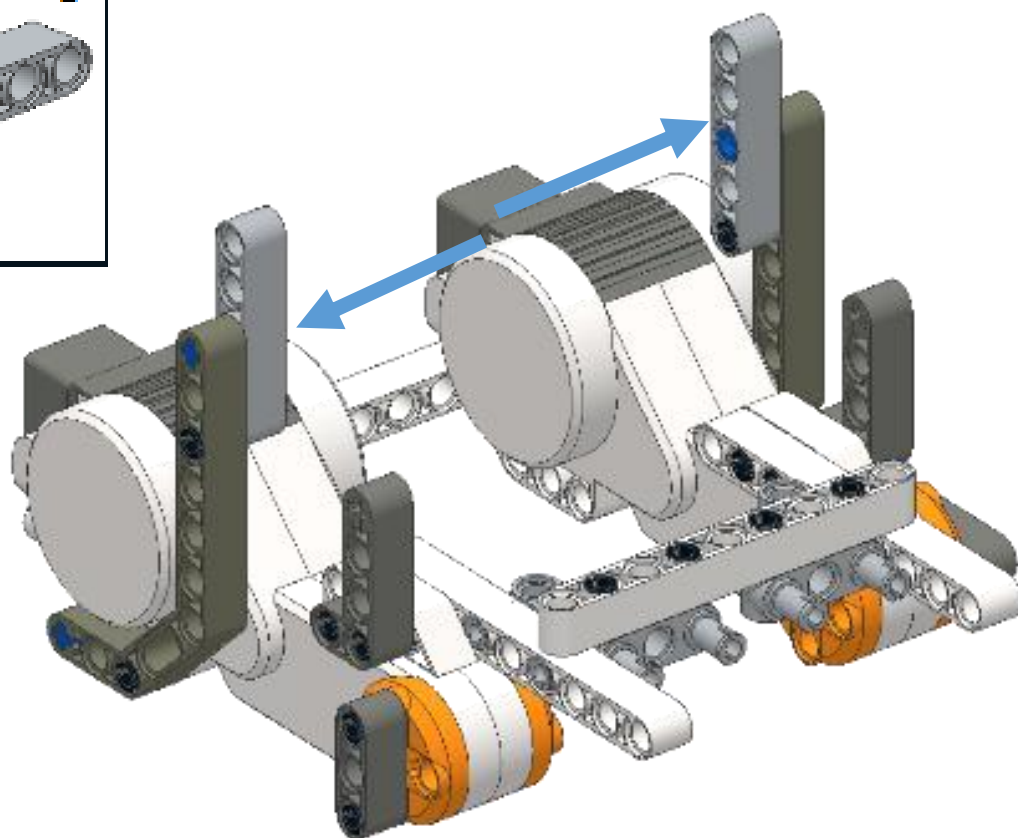
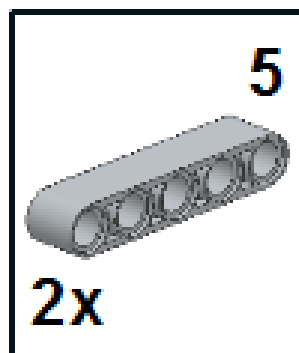
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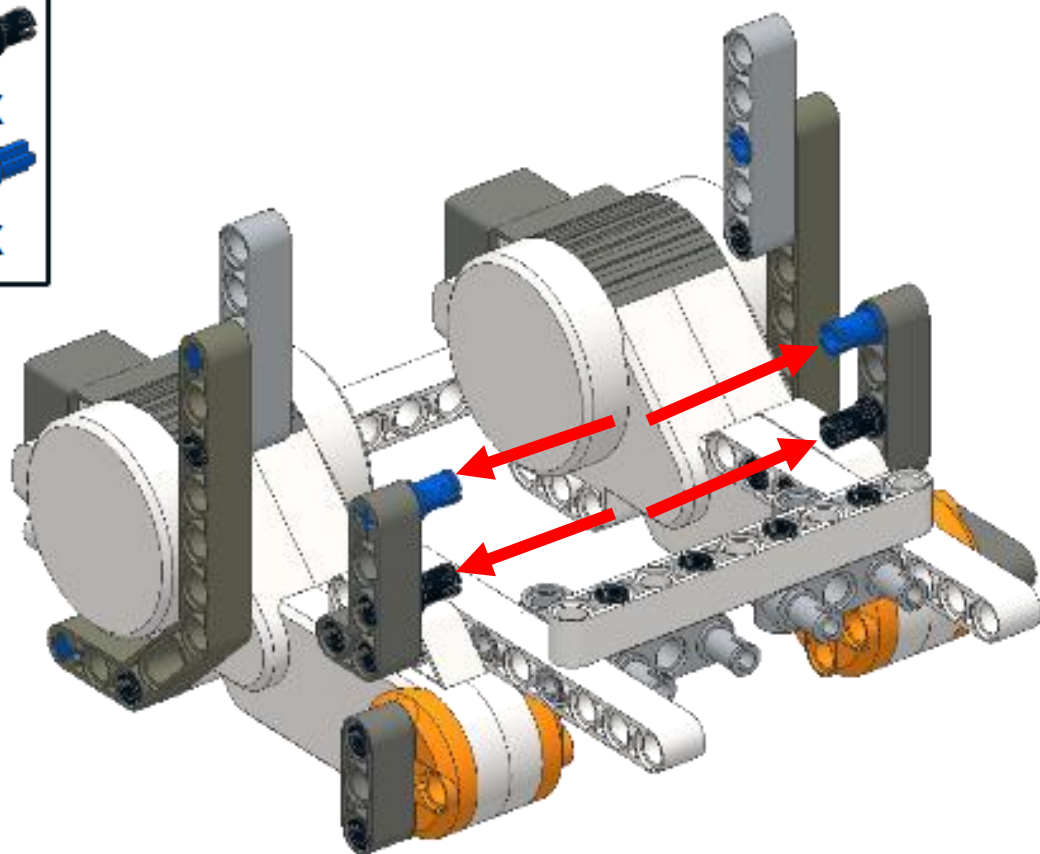
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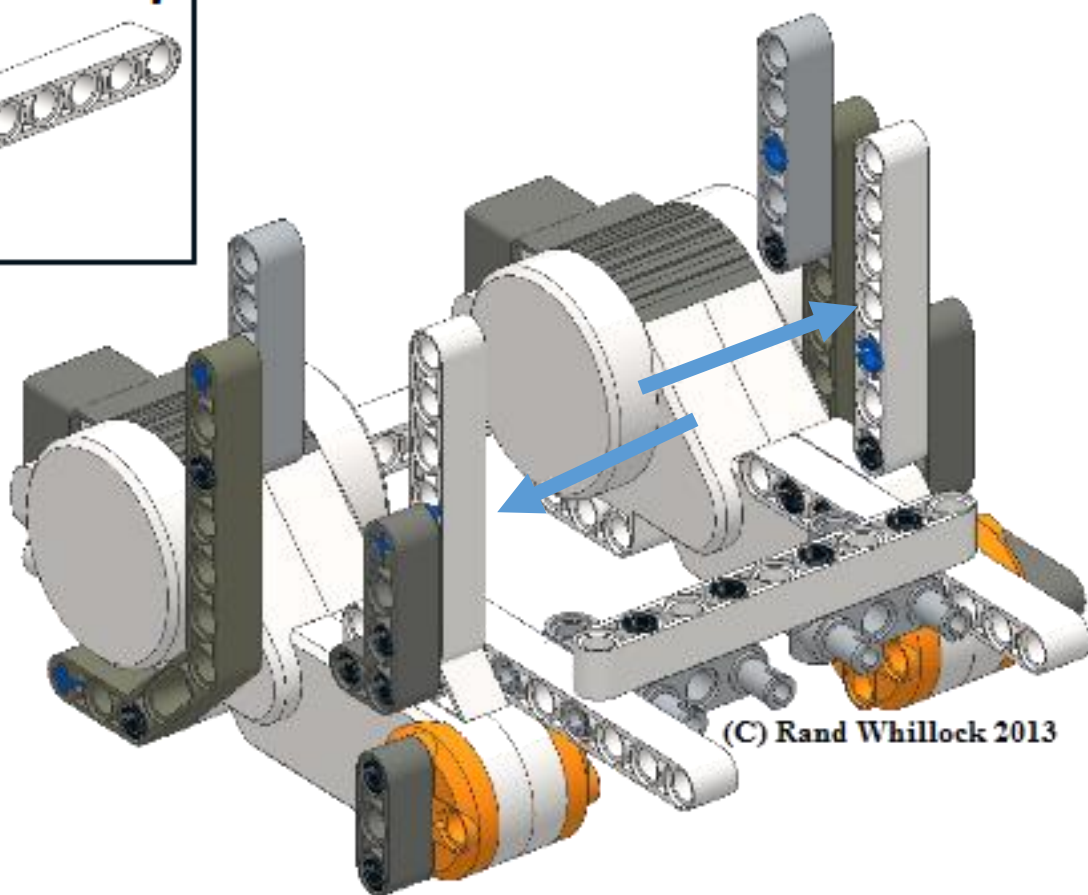
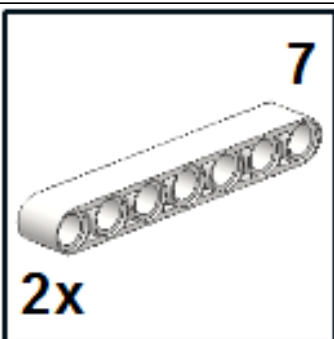
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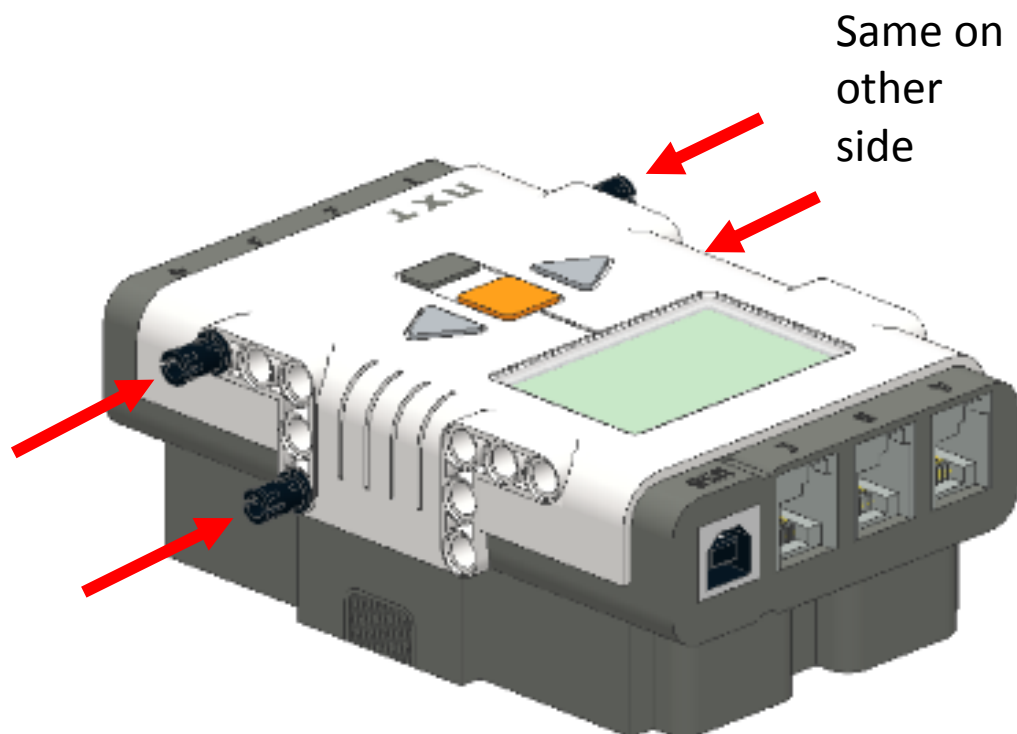
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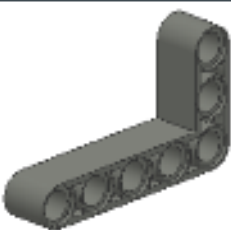
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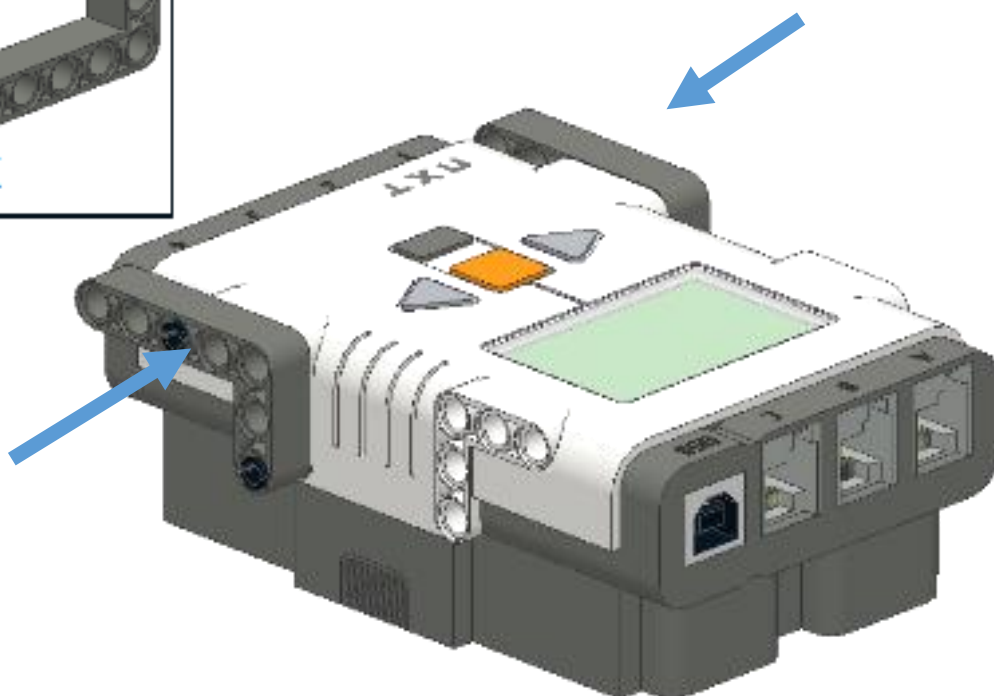
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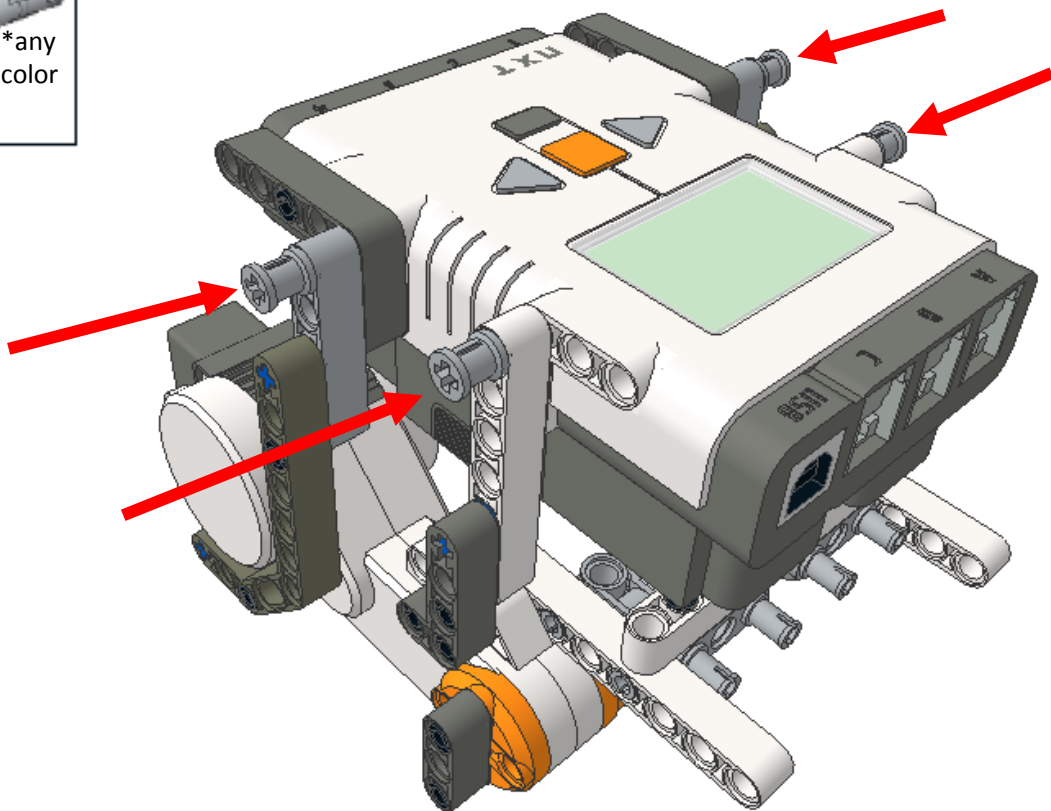
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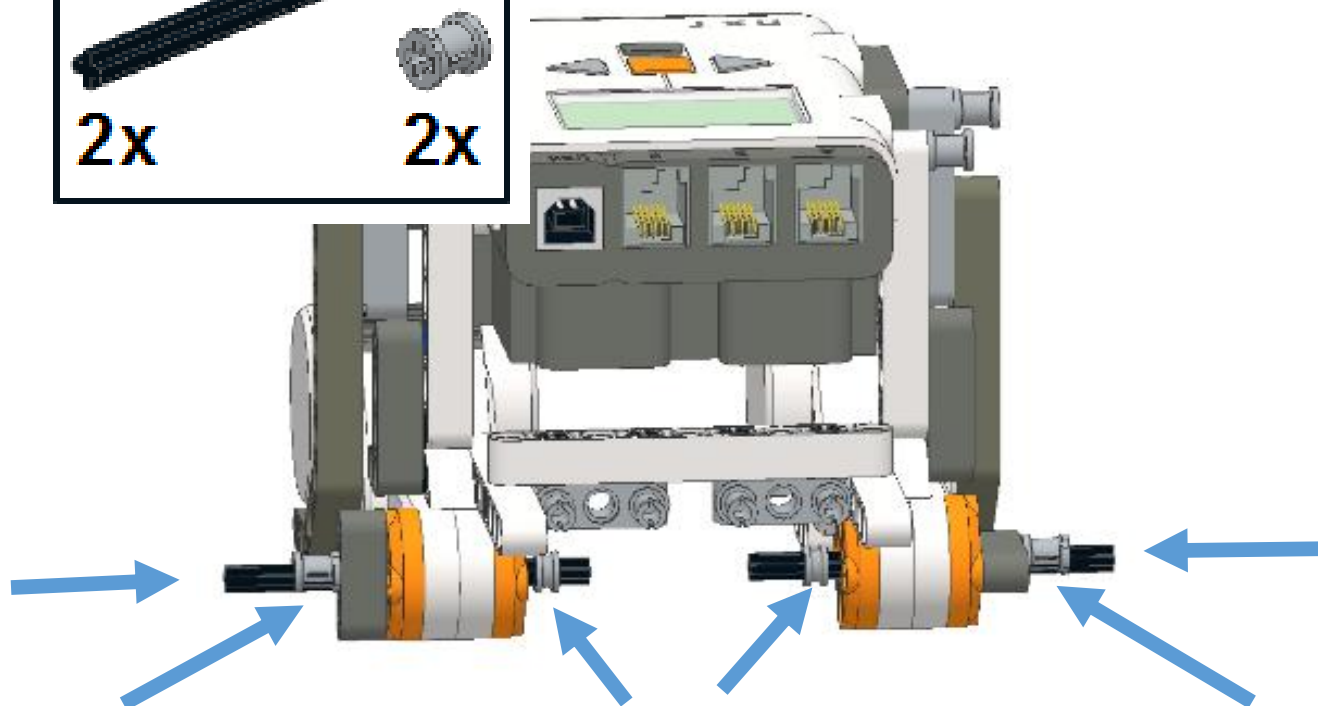
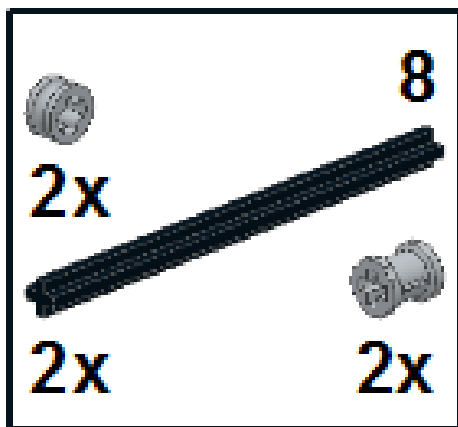
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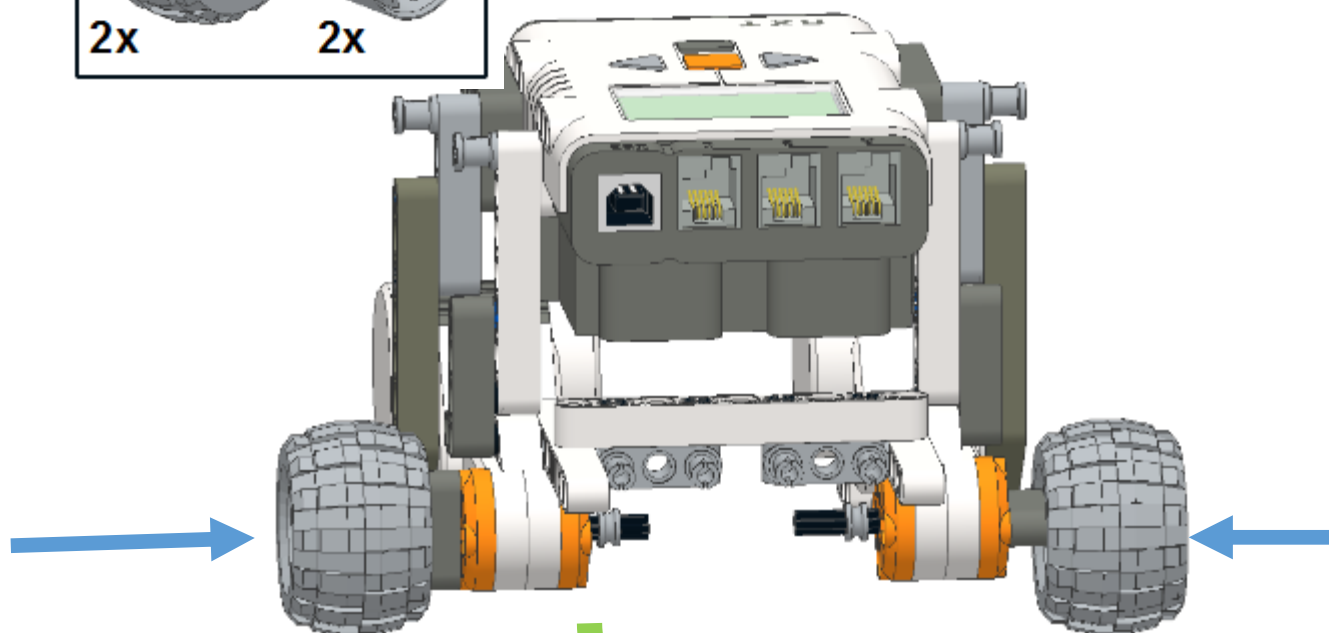
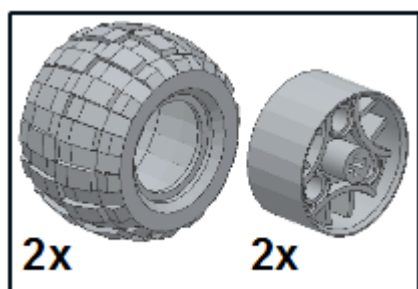
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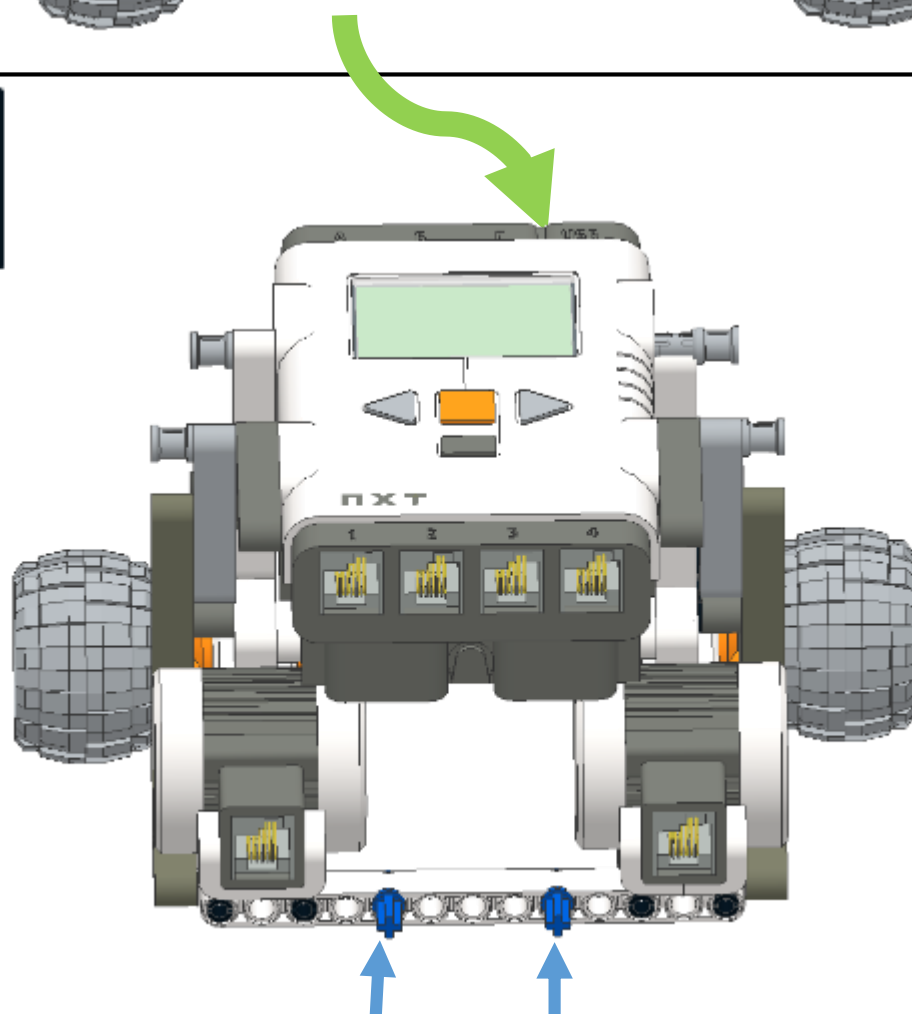
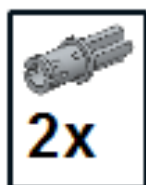
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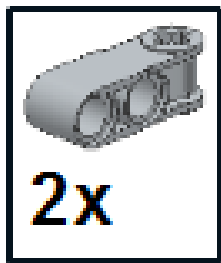
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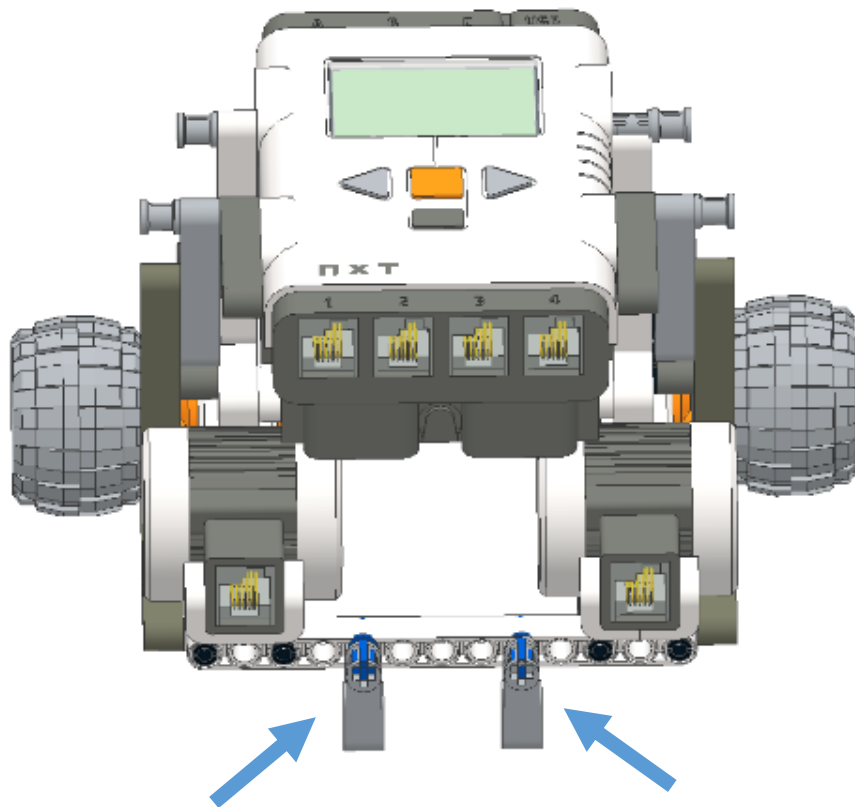
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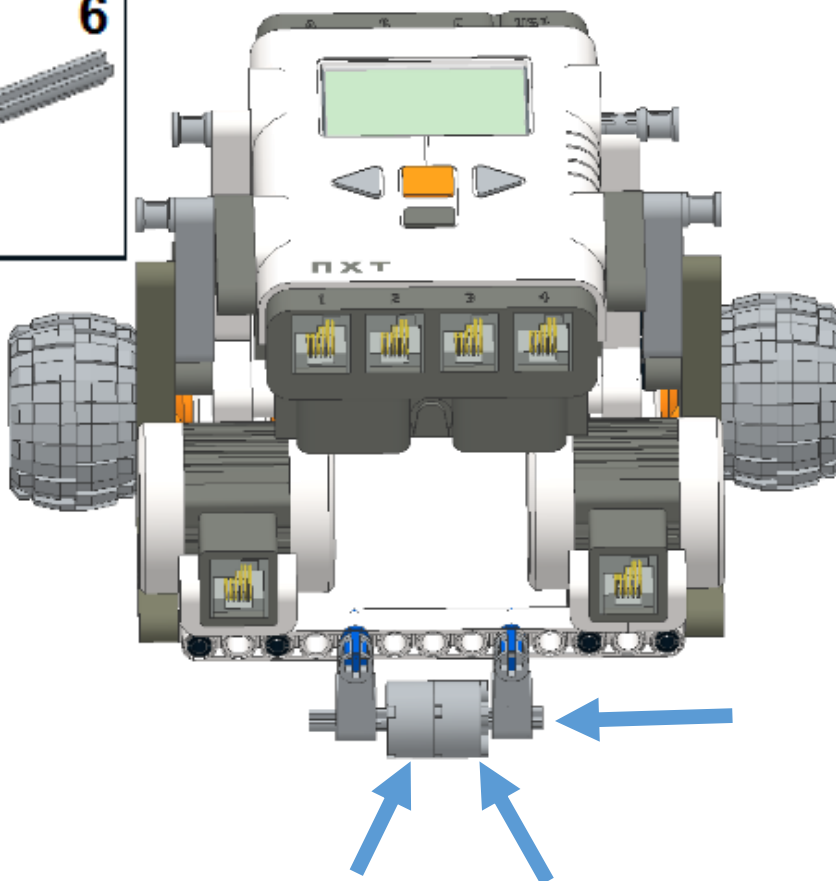
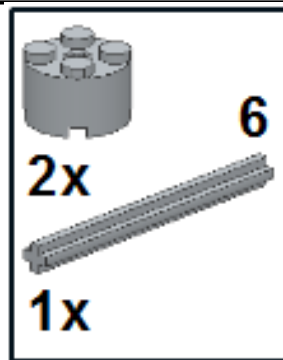
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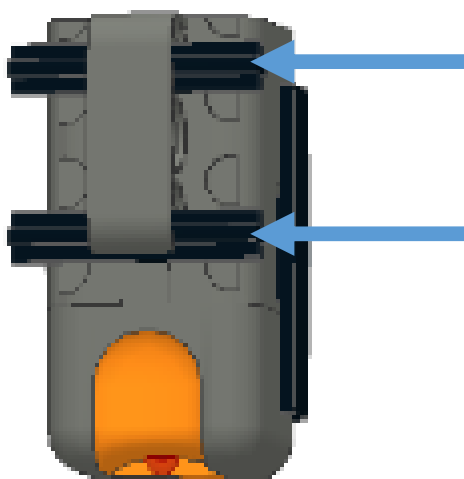
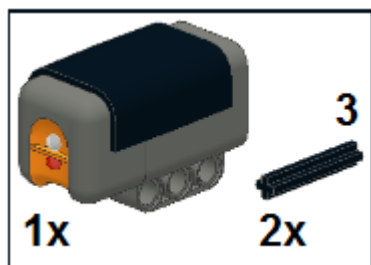
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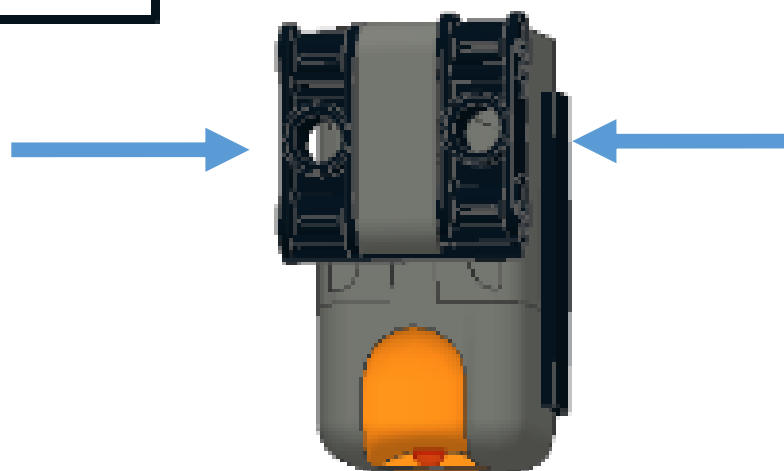
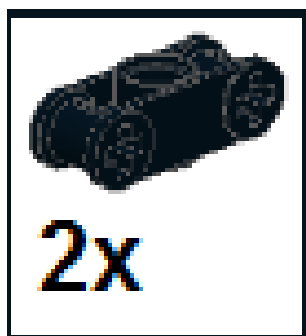
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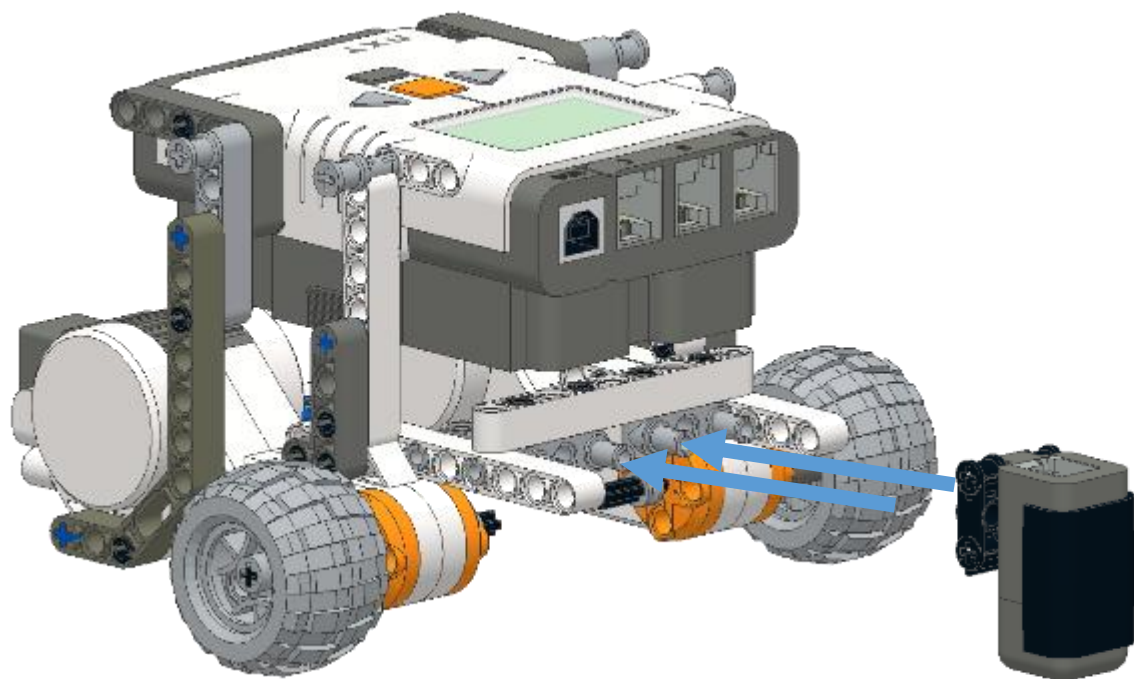
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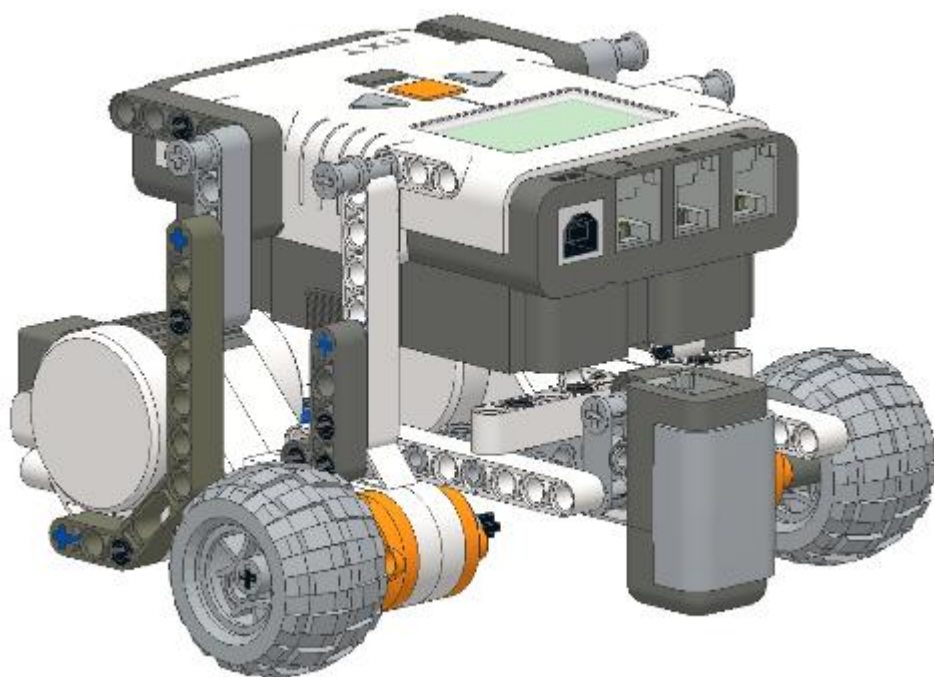
26



27



28



Use wires to connect the left motor to output port B and the right motor to output port C. Connect the light sensor (if used) to input port 3.

Customize the robot to make it yours.

- Add a plow in front for pushing objects
- Change the size of the beams added in step 8 to accommodate different attachments
- Add an arm
- Try different sized wheels
- Try different roller / caster options for rear wheels

Part List

2 x		614326 BRICK Ø16 W. CROSS - Black	2 x		4297210 RIM WIDE W. CROSS 30x20 - Medium Stone Grey	2 x		4297209 TYRE BALLOON WIDE Ø56 X 26 - Black
1 x		4296917 Lightsensor - White, Bright Orange, Medium Stone Grey, Dark Stone Grey, Light Stone Grey	2 x		4297008 Tacho Motor - Bright Orange, Dark Stone Grey, Light Stone Grey	1 x		6034375 NXT - Black, Bright Orange, Sand Green, Medium Stone Grey, Dark Stone Grey, Light Stone Grey, Cool Silver, Drum Lacq
2 x		4210751 TECHNIC 3M BEAM - Dark Stone Grey	2 x		4211651 TECHNIC 5M BEAM - Medium Stone Grey	2 x		4297199 TECHNIC 7M BEAM - Light Stone Grey
2 x		4210667 TECHNIC ANG. BEAM 4X2 90 DEG - Dark Stone Grey	3 x		4297202 TECHNIC 9M BEAM - Light Stone Grey	1 x		4297203 TECHNIC 13M BEAM - Light Stone Grey
2 x		4210753 TECHNIC ANG. BEAM 3X5 90 DEG - Dark Stone Grey	2 x		4210668 DOUBLE ANGULAR BEAM 3X7 45° - Dark Stone Grey	2 x		4211573 1/2 BUSH - Medium Stone Grey
22 x		4121715 CONNECTOR PEG W. FRICTION - Black	2 x		4211622 BUSH FOR CROSS AXLE - Medium Stone Grey	8 x		4206482 CONN. BUSH W. FRIC./CROSS AXLE - Bright Blue
2 x		370526 CROSS AXLE 4M - Black	4 x		655826 CONNECTOR PEG W. FRICTION 3M - Black	1 x		4211639 CROSS AXLE 5M - Medium Stone Grey
4 x		4211865 2M FRIC. SNAP W. CROSS HOLE - Medium Stone Grey	2 x		4211667 DOUBLE CROSS BLOCK - Black	2 x		370726 CROSS AXLE 6M - Black
2 x		4173970 CROSS BLOCK 3M - Black	2 x		4296059 Angular beam 90degr. w. 4 snaps - Medium Stone Grey			