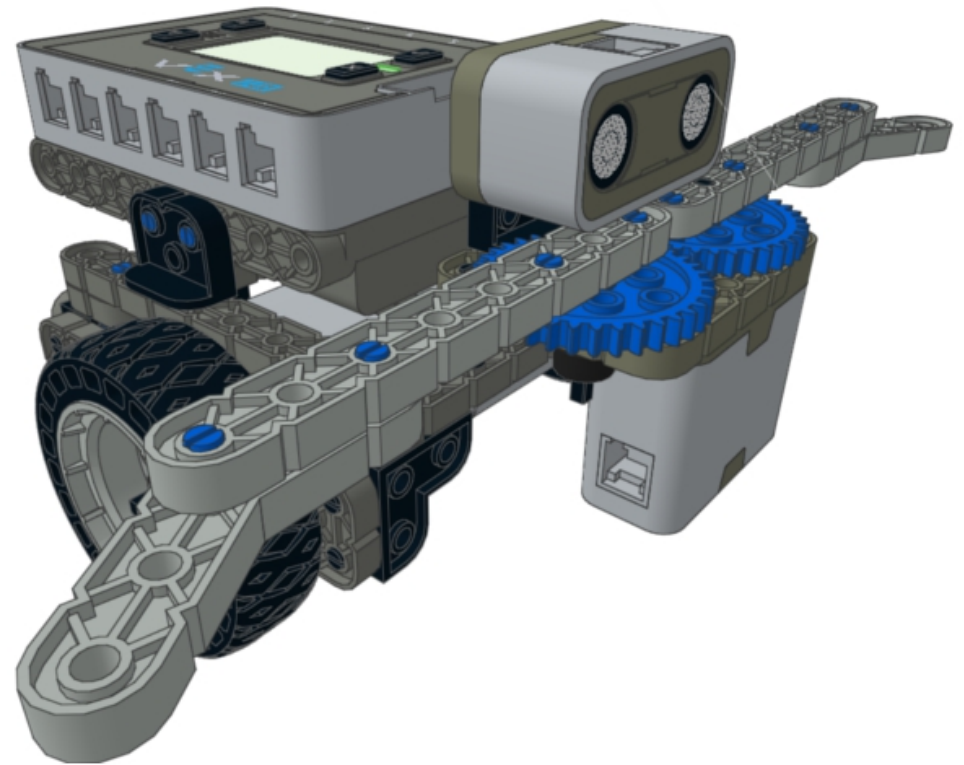
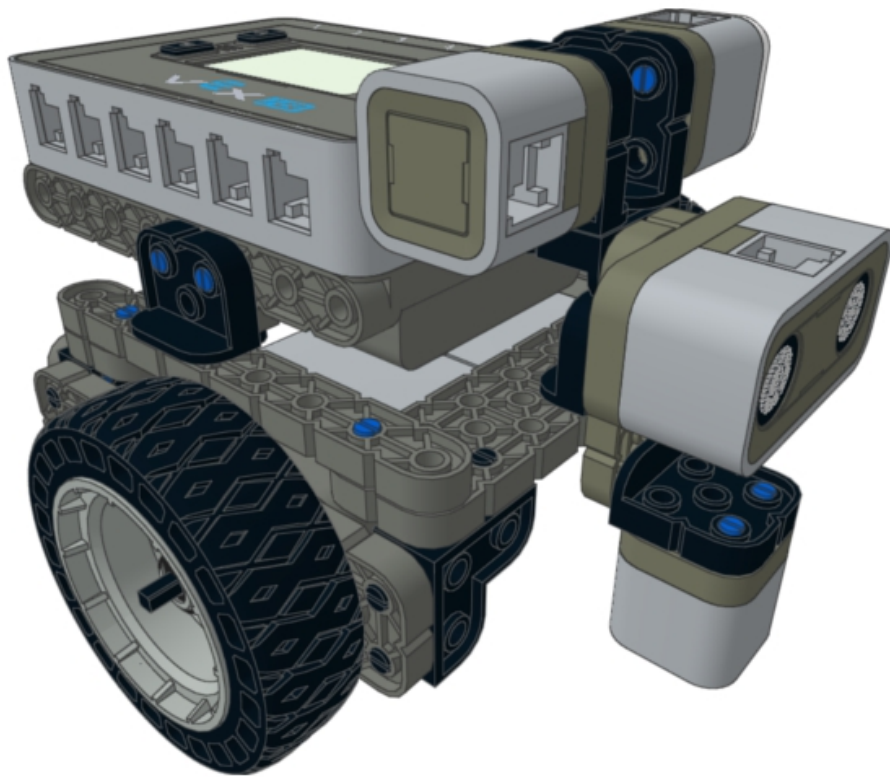


miniVEX Robot | Design By Damien Kee

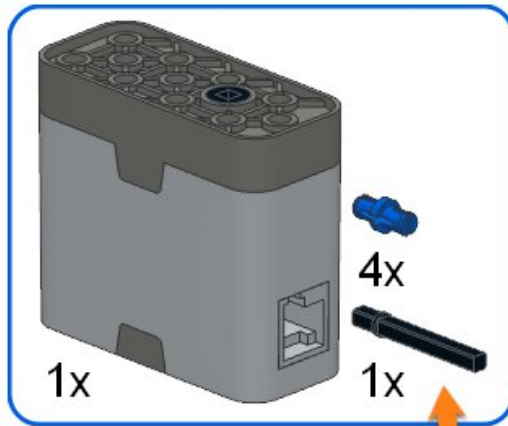
www.damienkee.com



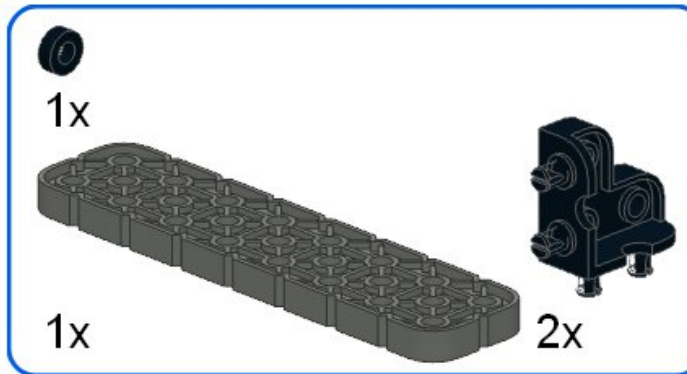
Please feel free to use this design however / wherever you want!
Attribution to www.damienkee.com greatly appreciated :)

miniVEX - Right Motor Assembly

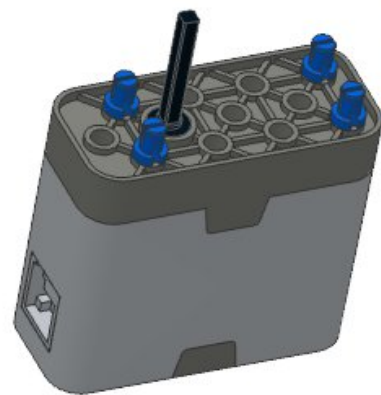
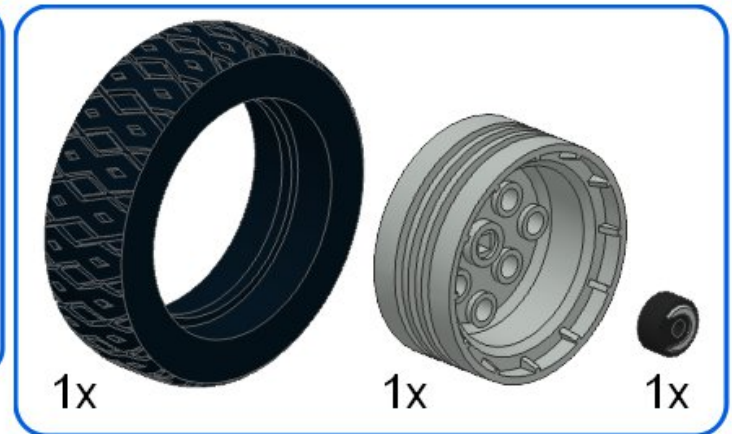
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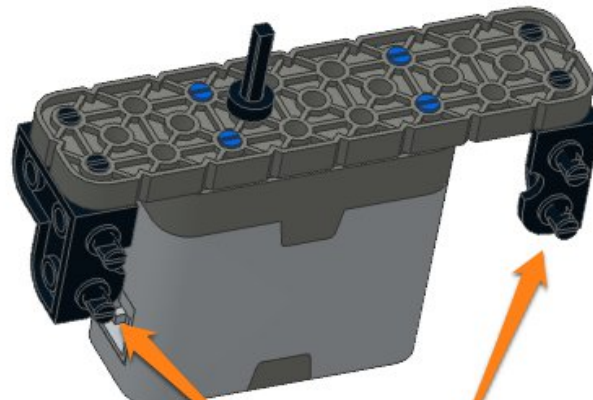
2



3



**Choose the shortest
motor shaft with flange**

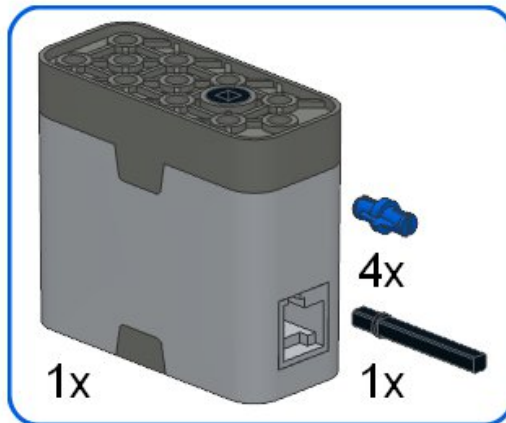


**Pay attention
to orientation**

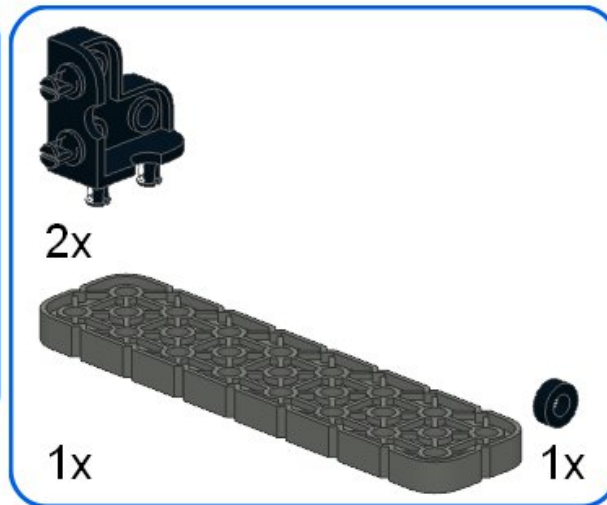


miniVEX - Left Motor Assembly

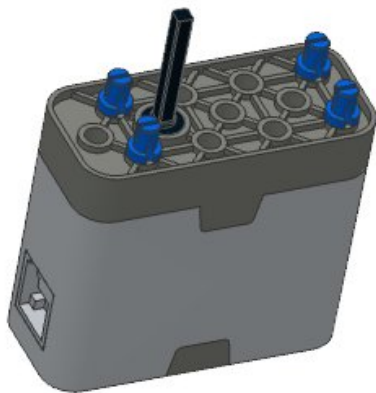
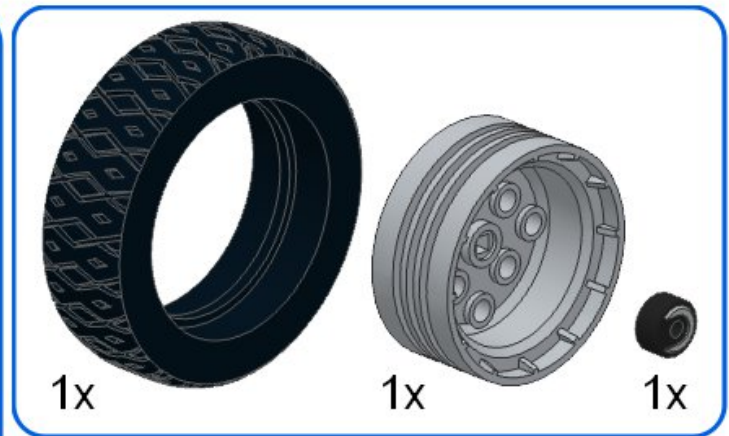
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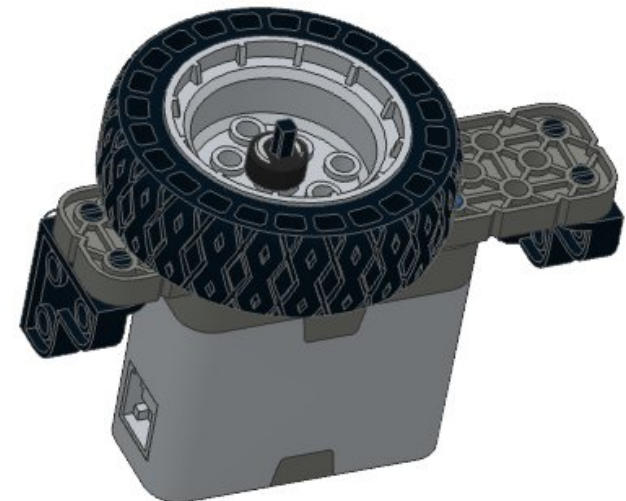
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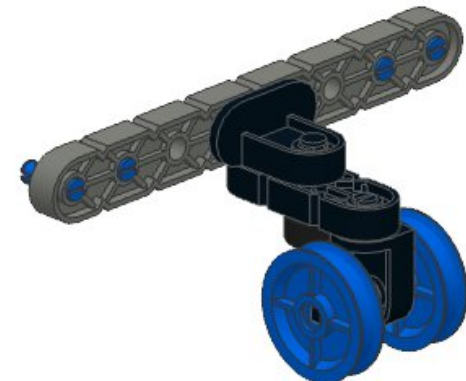
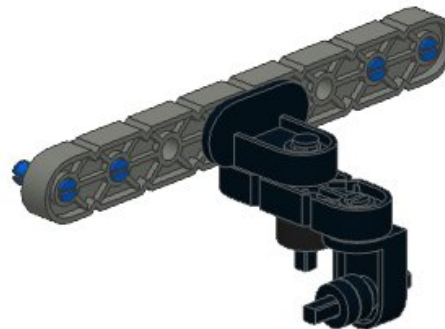
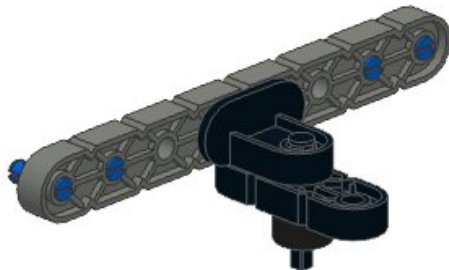
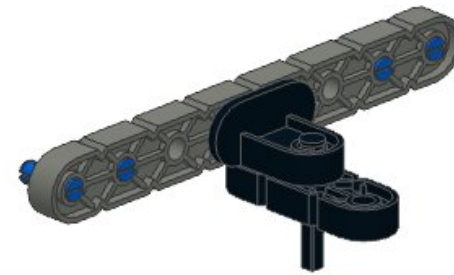
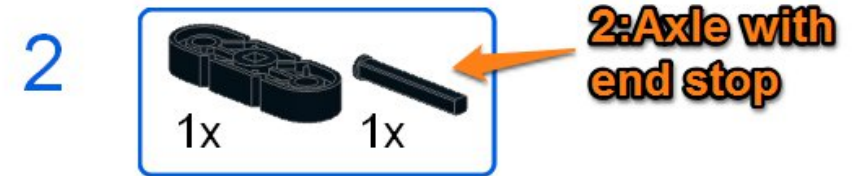
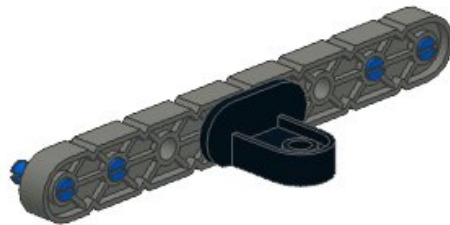
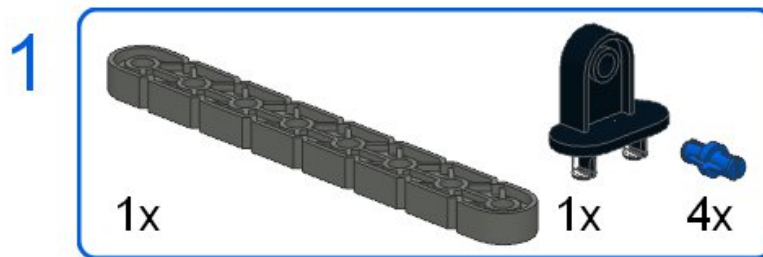
3



**Same as Right Motor
but mirror imaged**

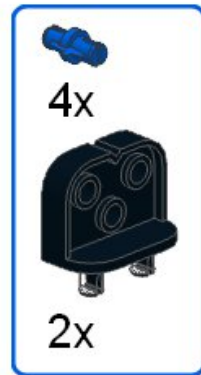


miniVEX - Back Castor

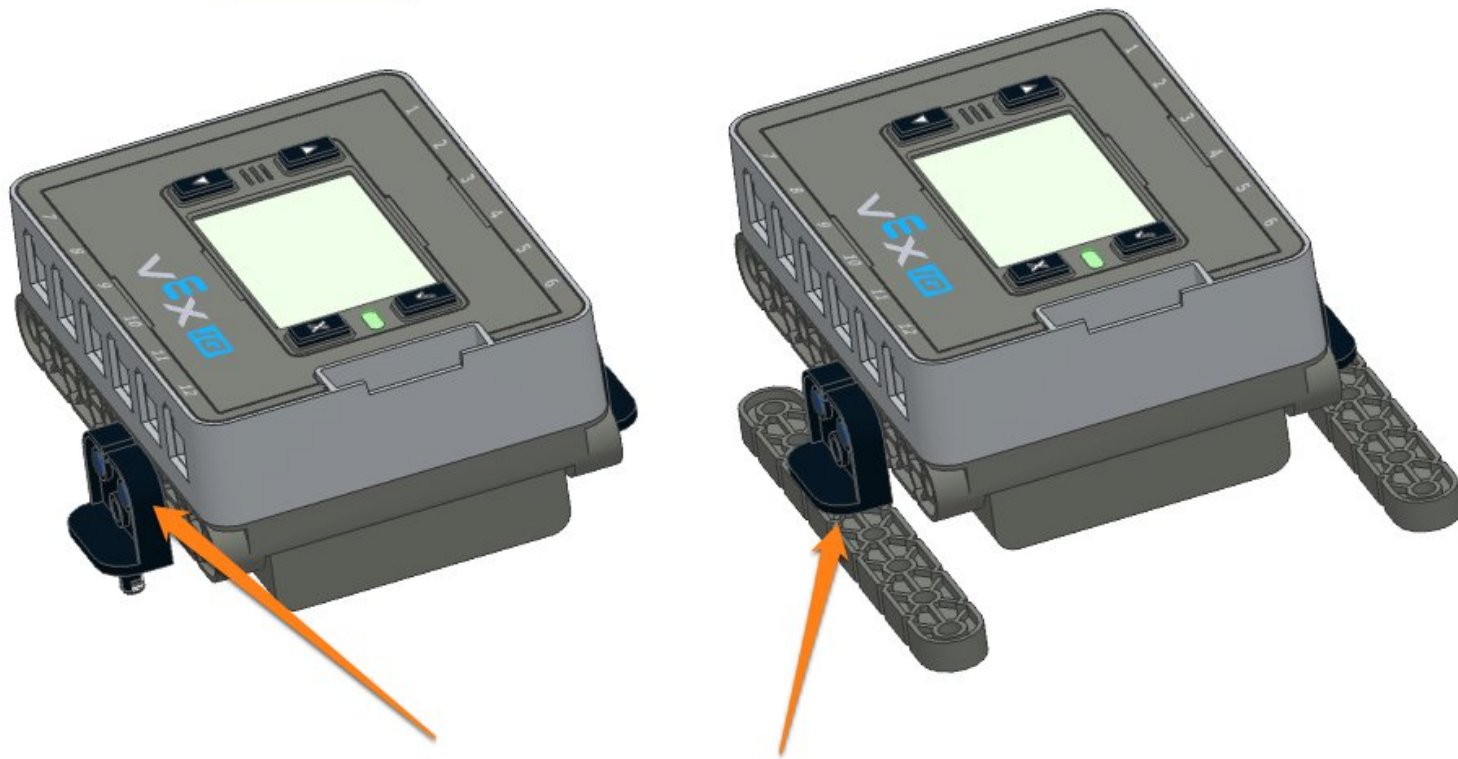
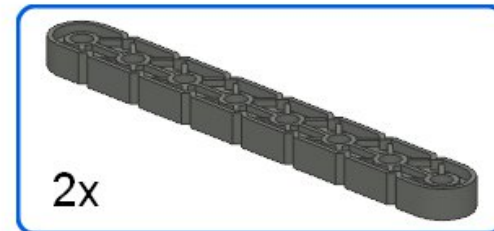


miniVEX - Brain Attachment

1

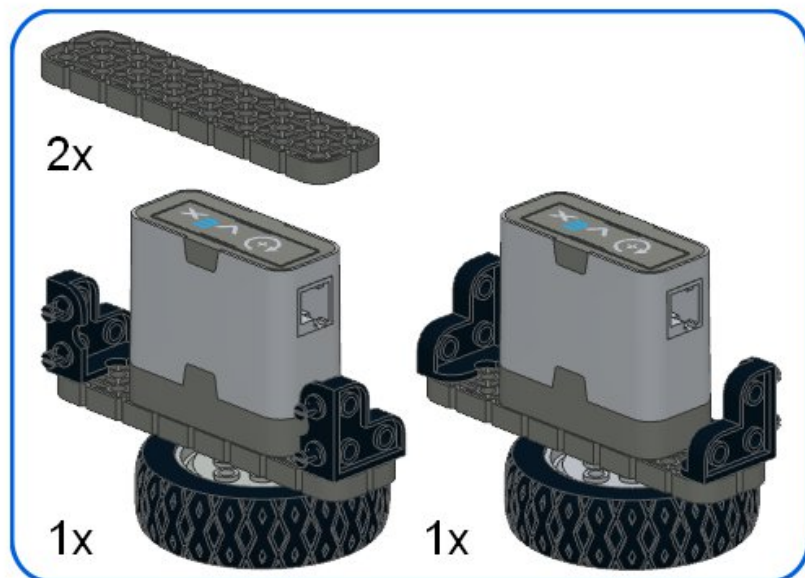


2

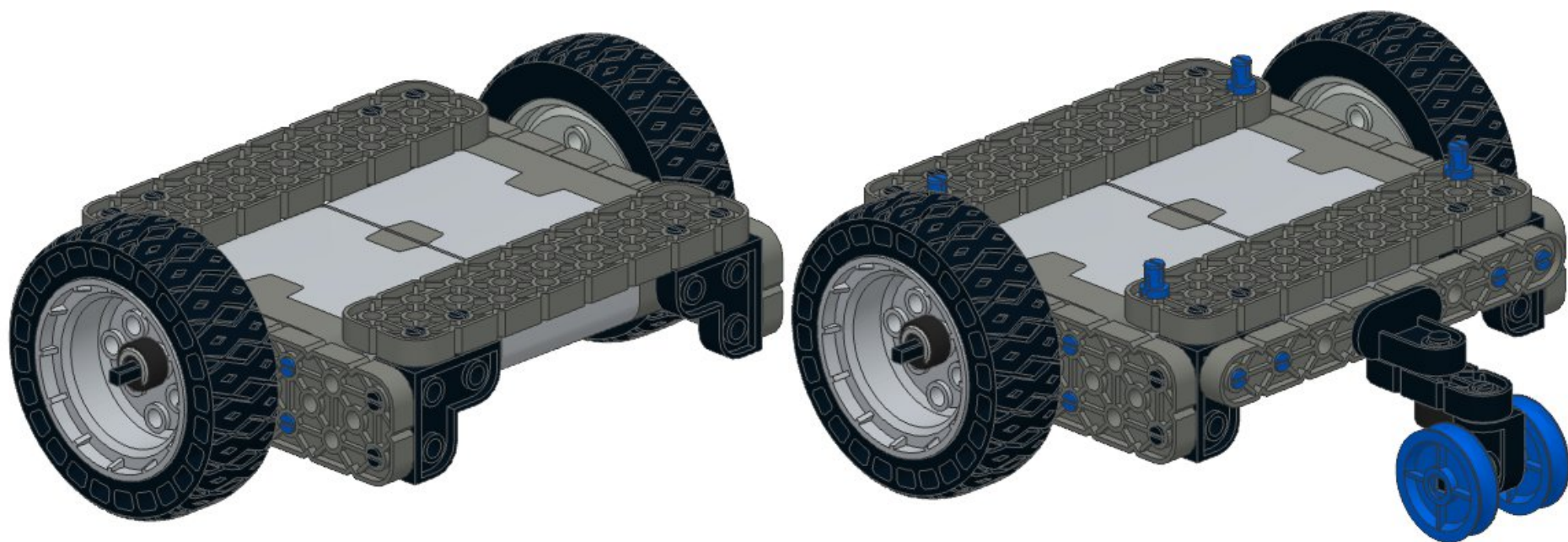
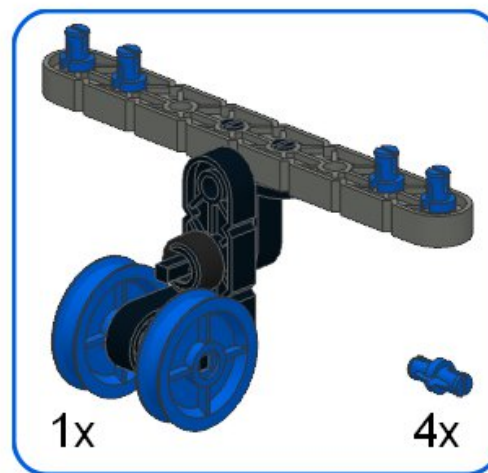


Count Carefully

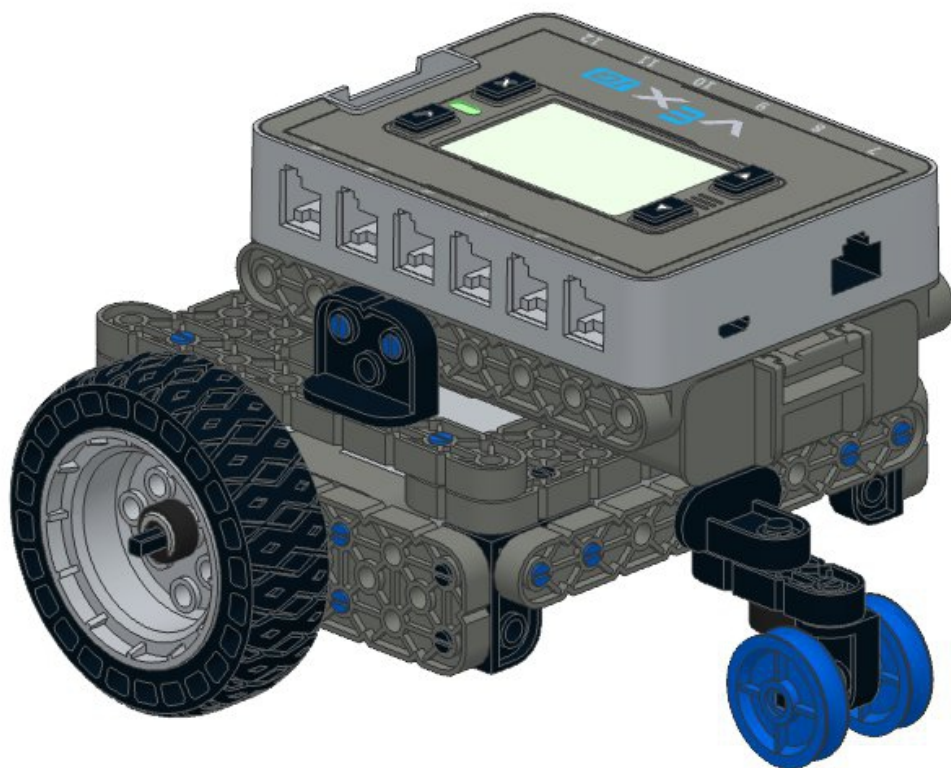
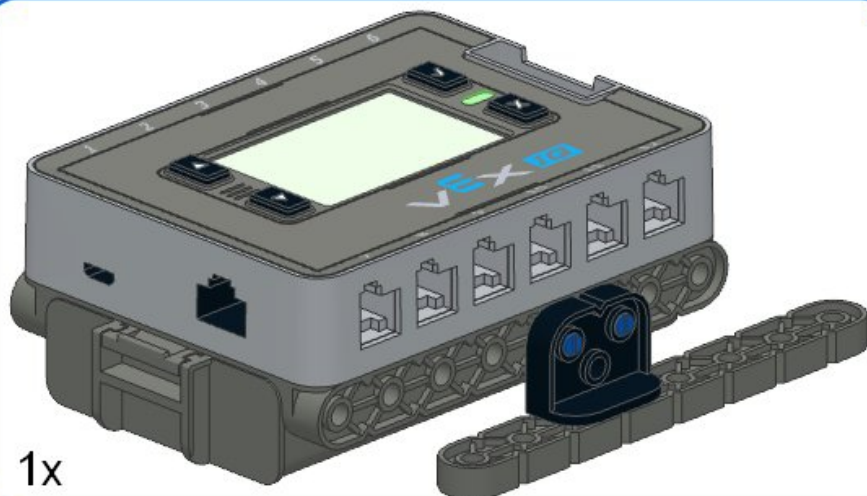
1



2



3

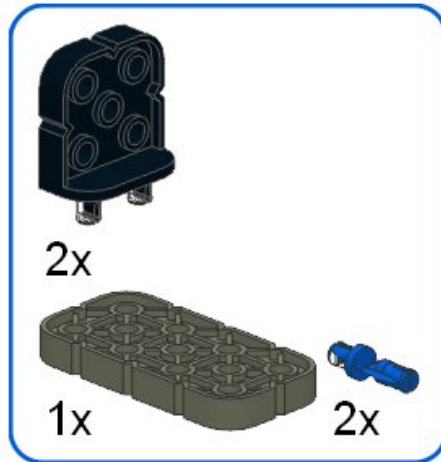


Simple Base Finished
Connect the motors to
Port 6 and 12

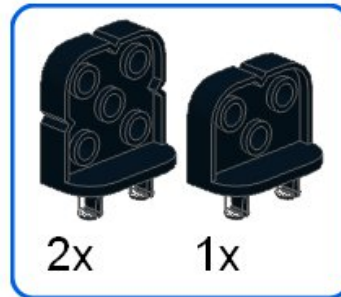


miniVEX - Sensor Stack

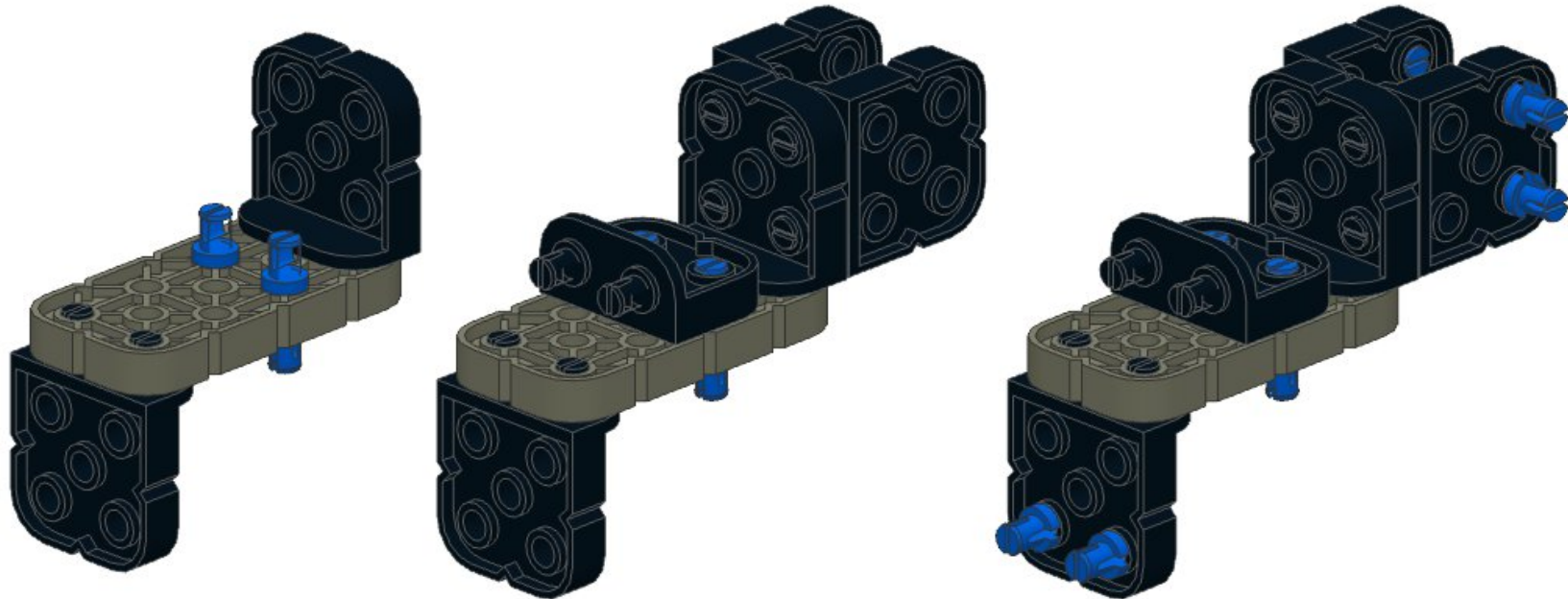
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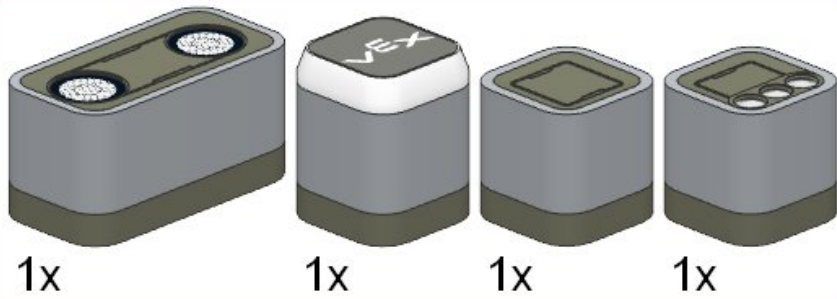
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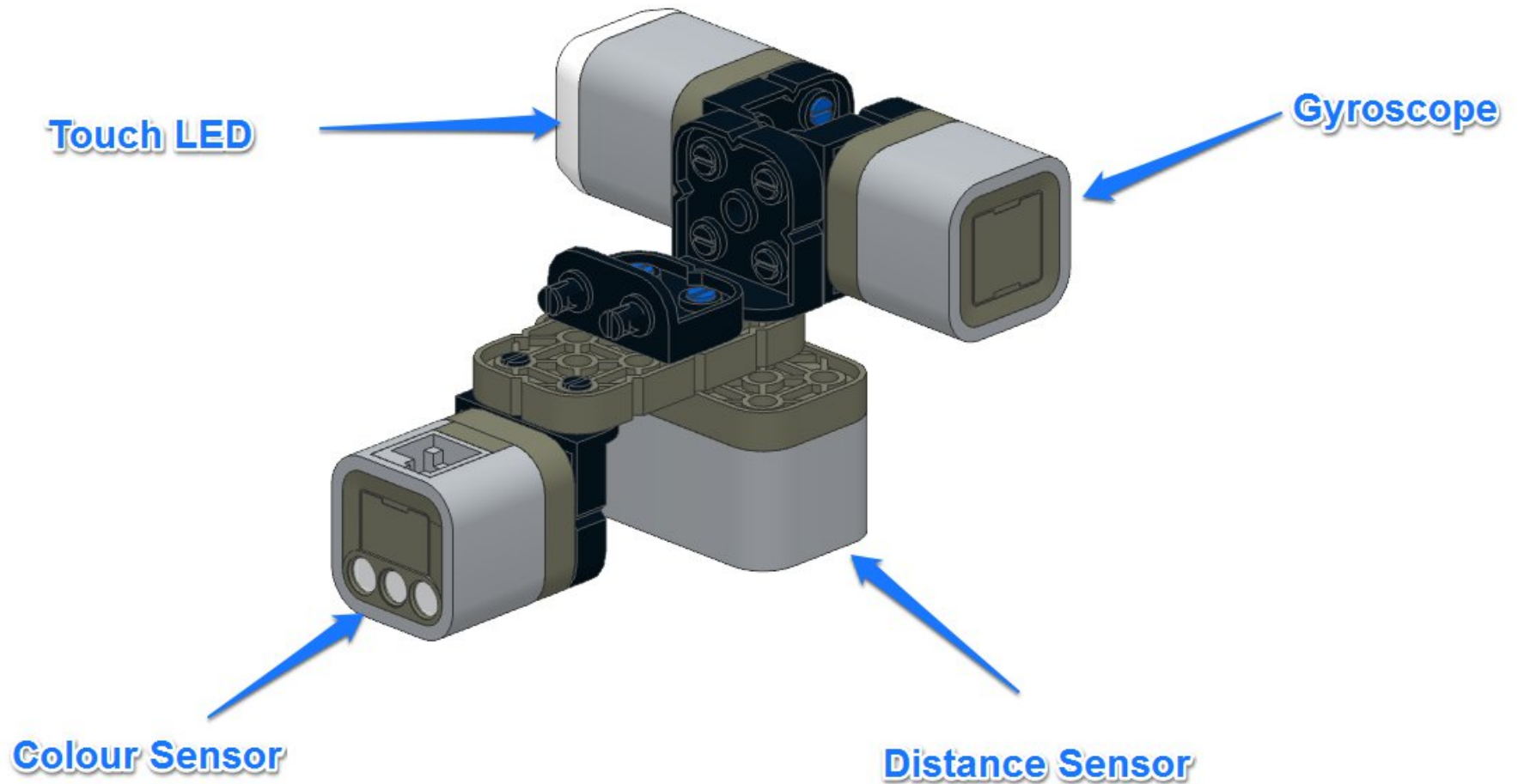
3



4

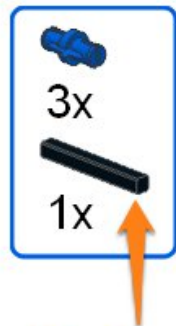


Pay Attention! Make sure each Sensor goes in the right place!

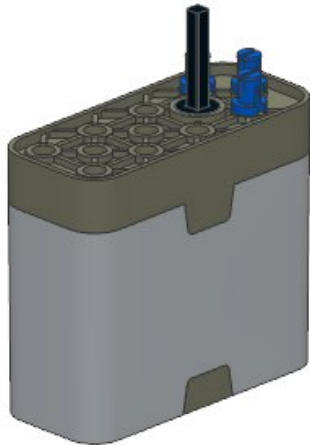


miniVEX - Gripper Attachment

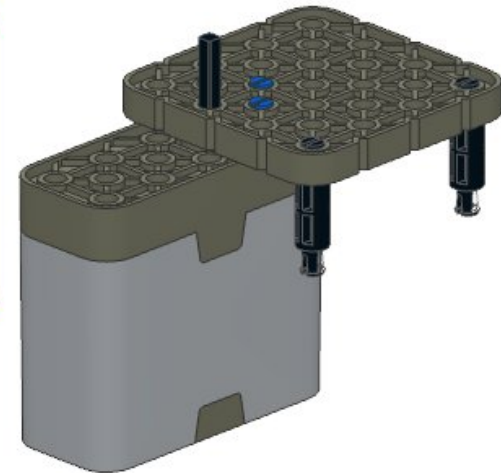
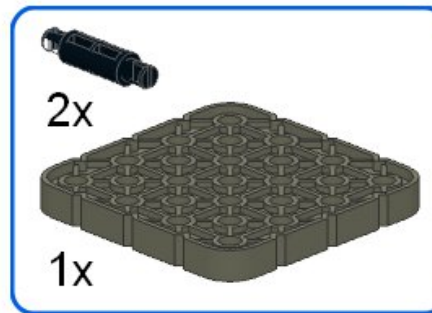
1



Normal Axle

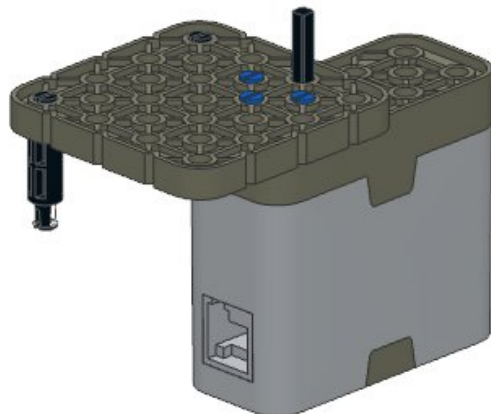


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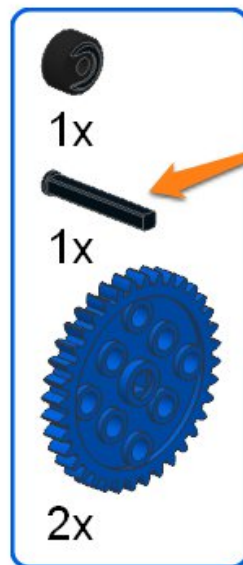


3

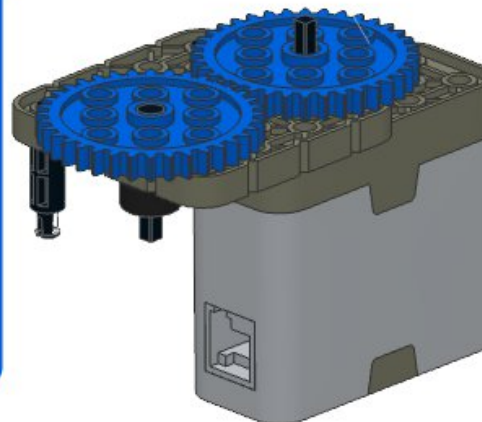
Turn around



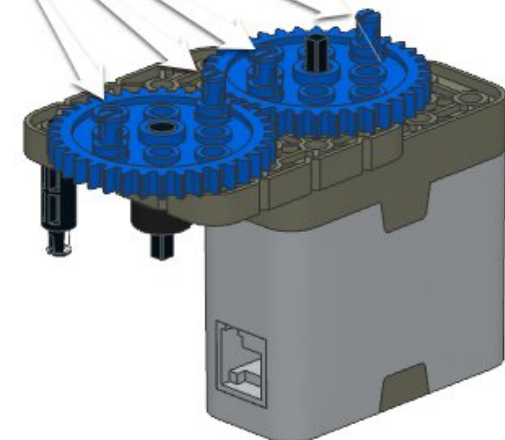
4



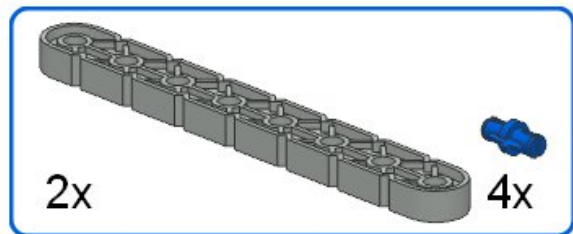
Axle with end cap



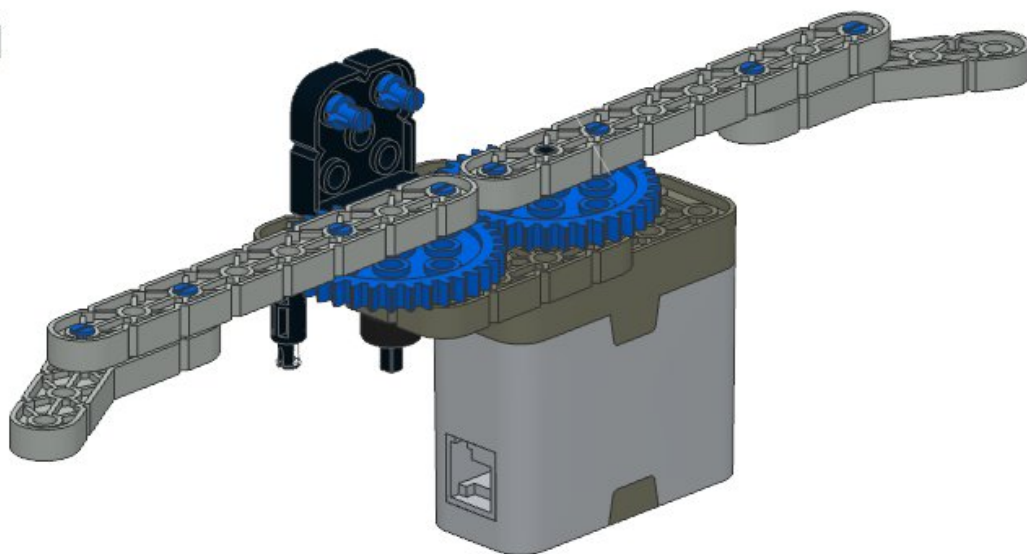
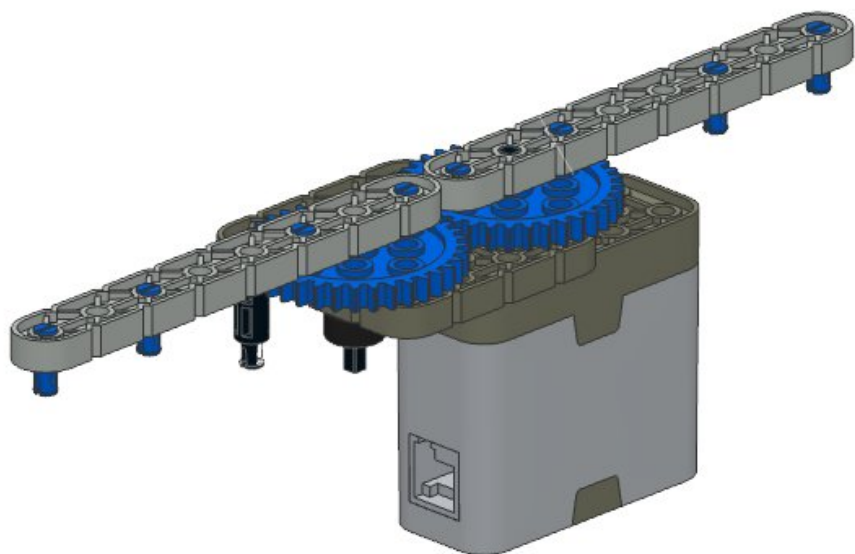
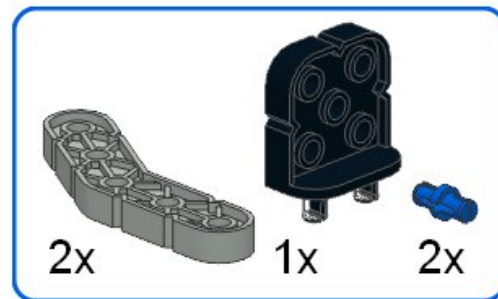
5



6



7



8

