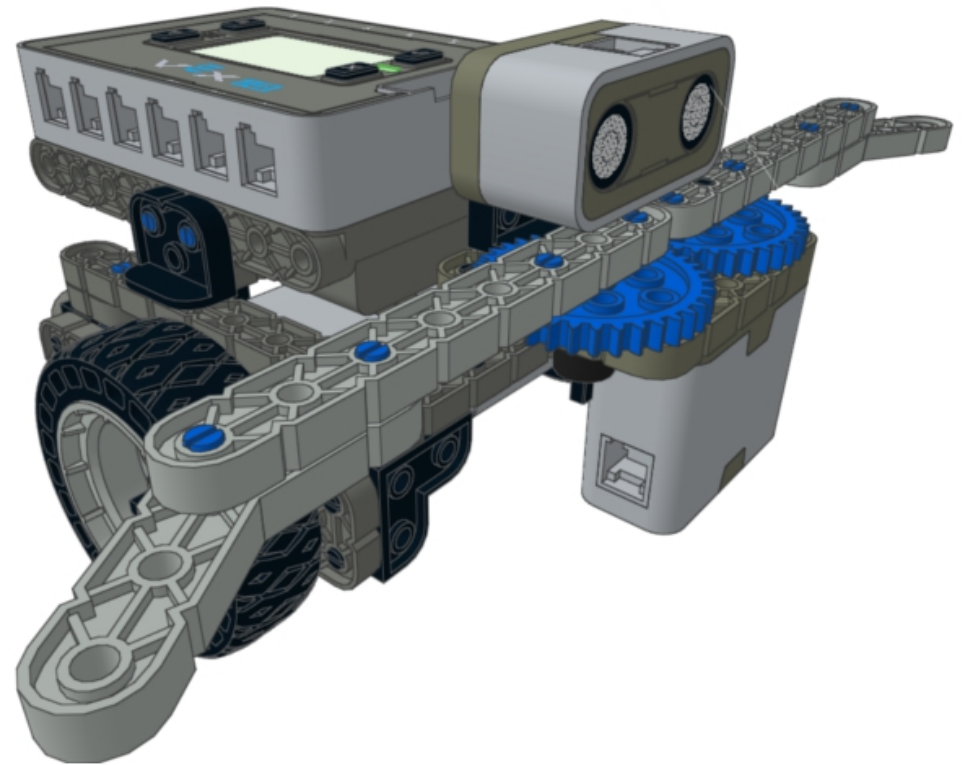
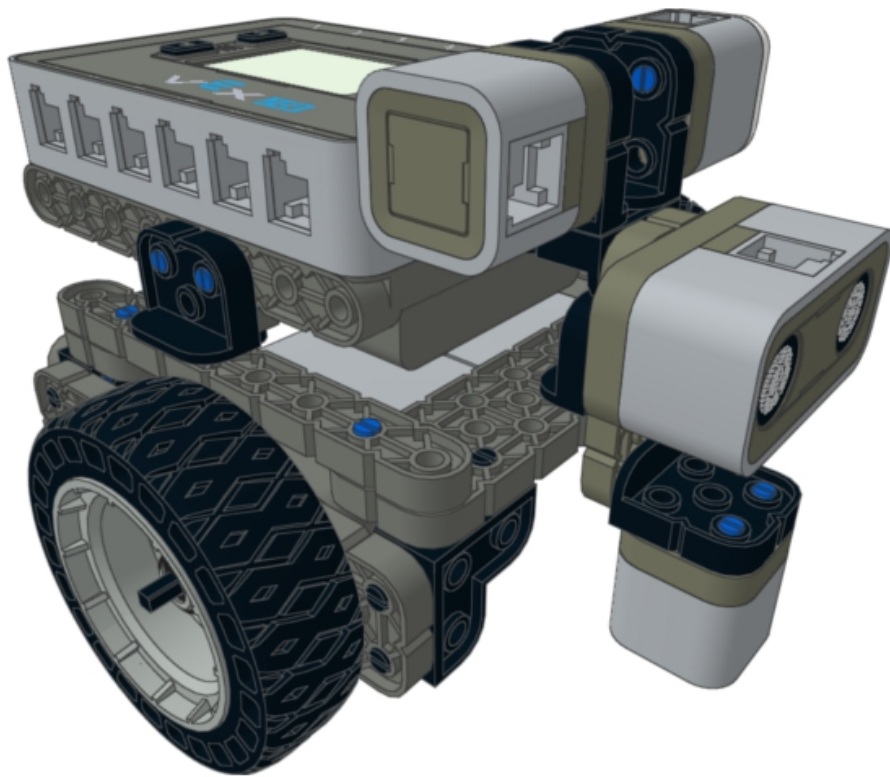


miniVEX Robot | Design By Damien Kee

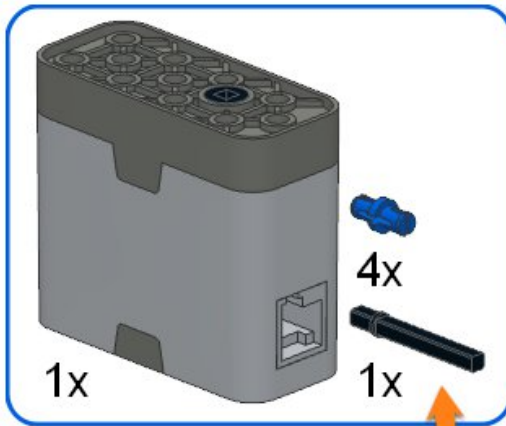
www.damienkee.com



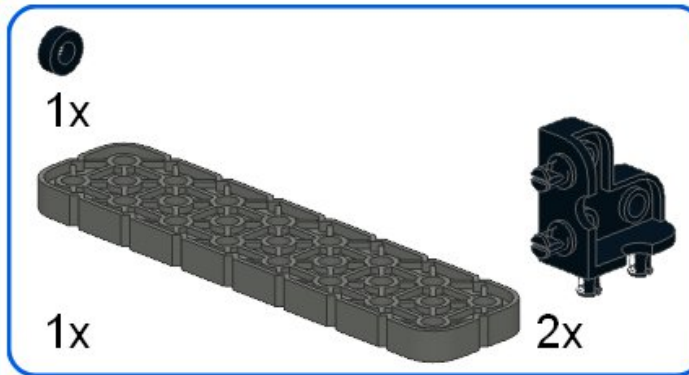
Please feel free to use this design however / wherever you want!
Attribution to www.damienkee.com greatly appreciated :)

miniVEX - Right Motor Assembly

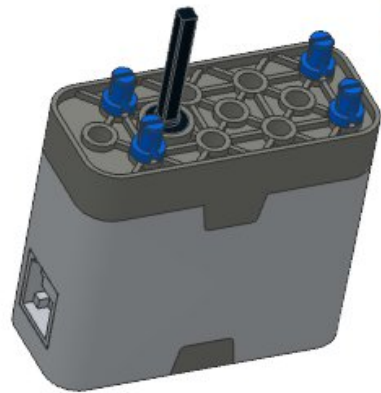
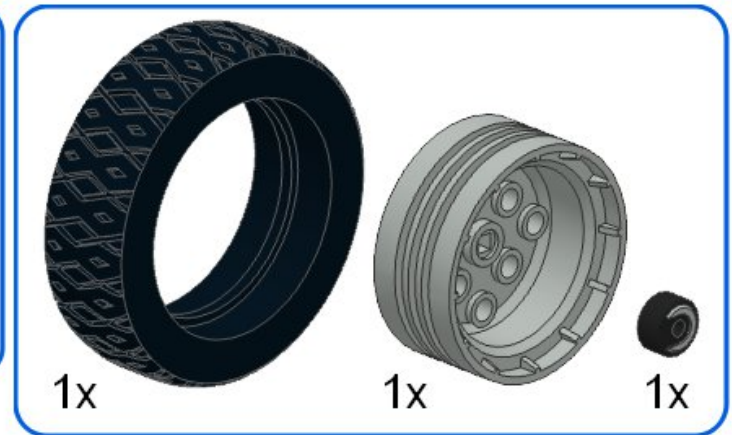
1



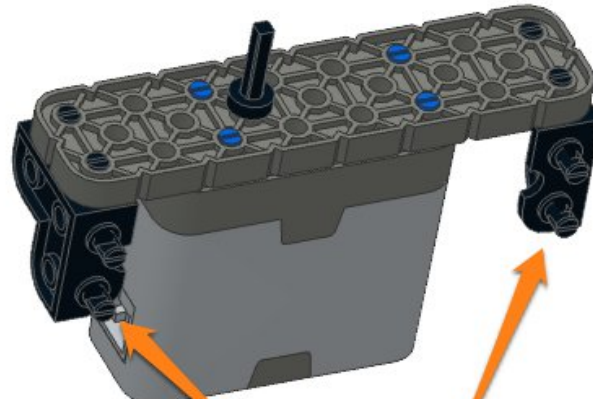
2



3



Choose the shortest motor shaft with flange

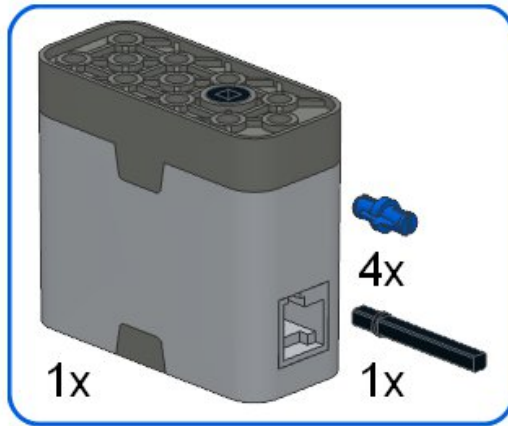


Pay attention to orientation

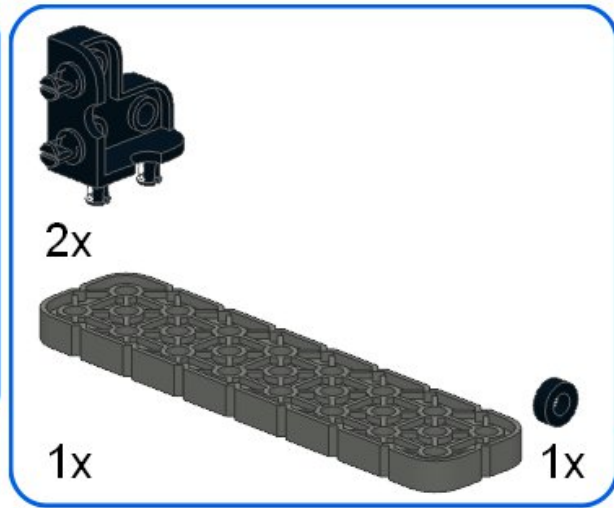


miniVEX - Left Motor Assembly

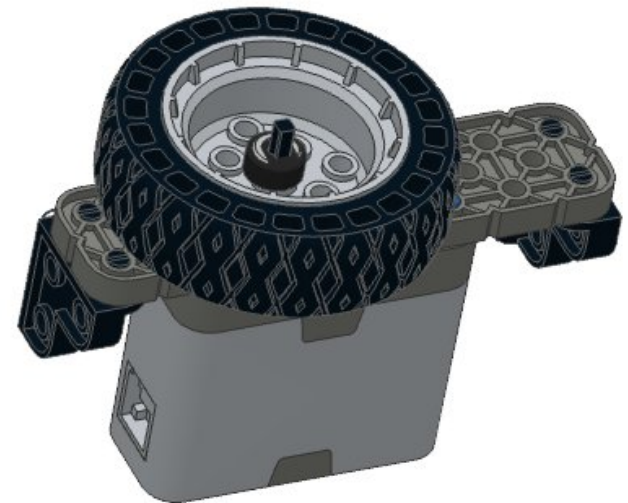
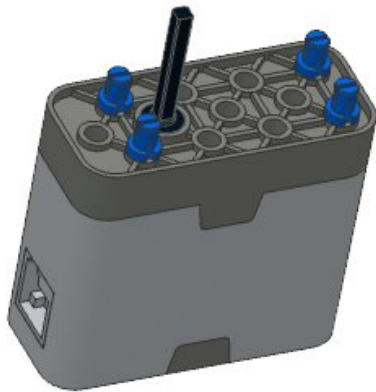
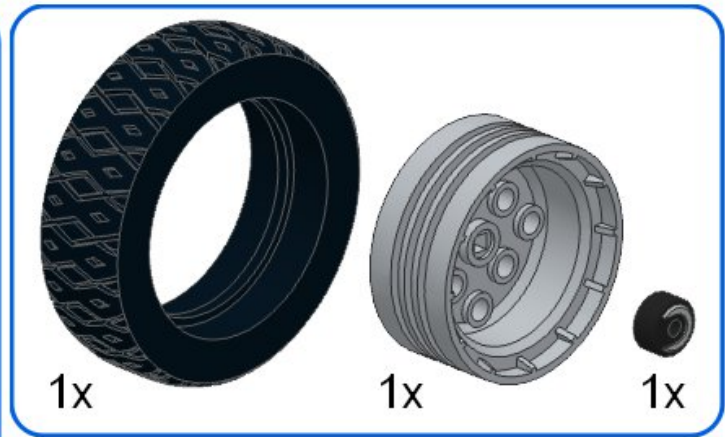
1



2

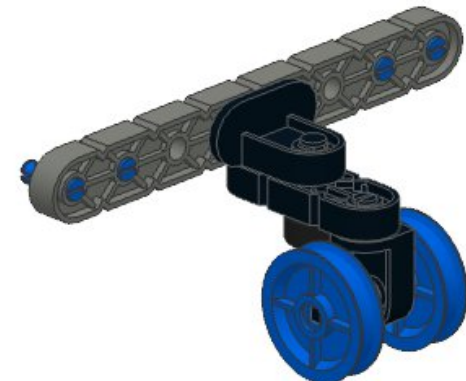
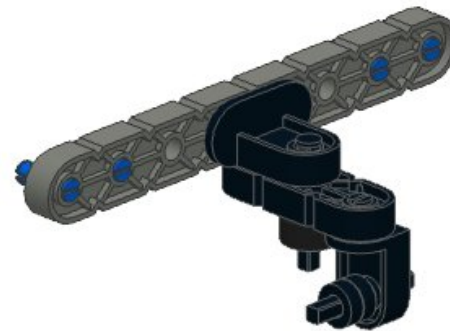
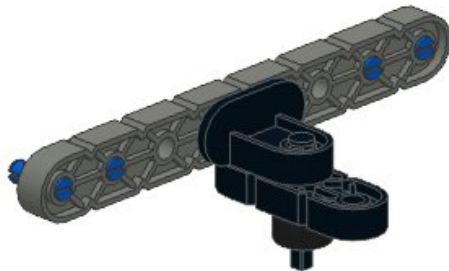
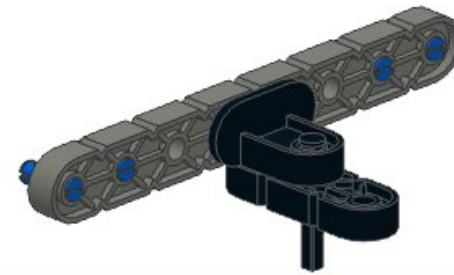
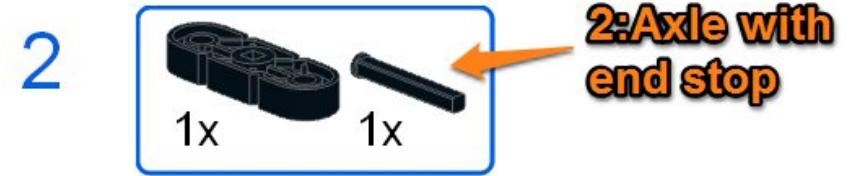
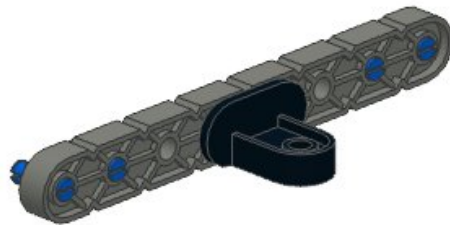
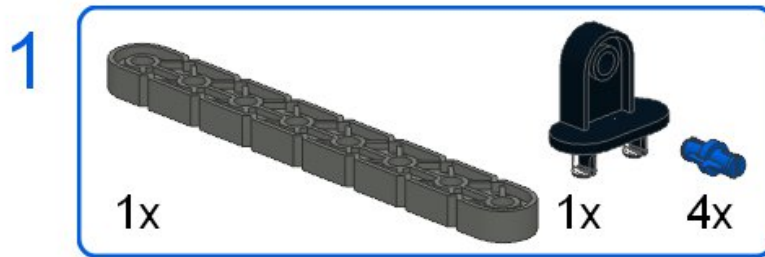


3



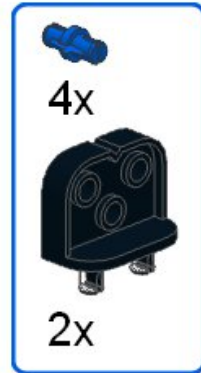
**Same as Right Motor
but mirror imaged**

miniVEX - Back Castor

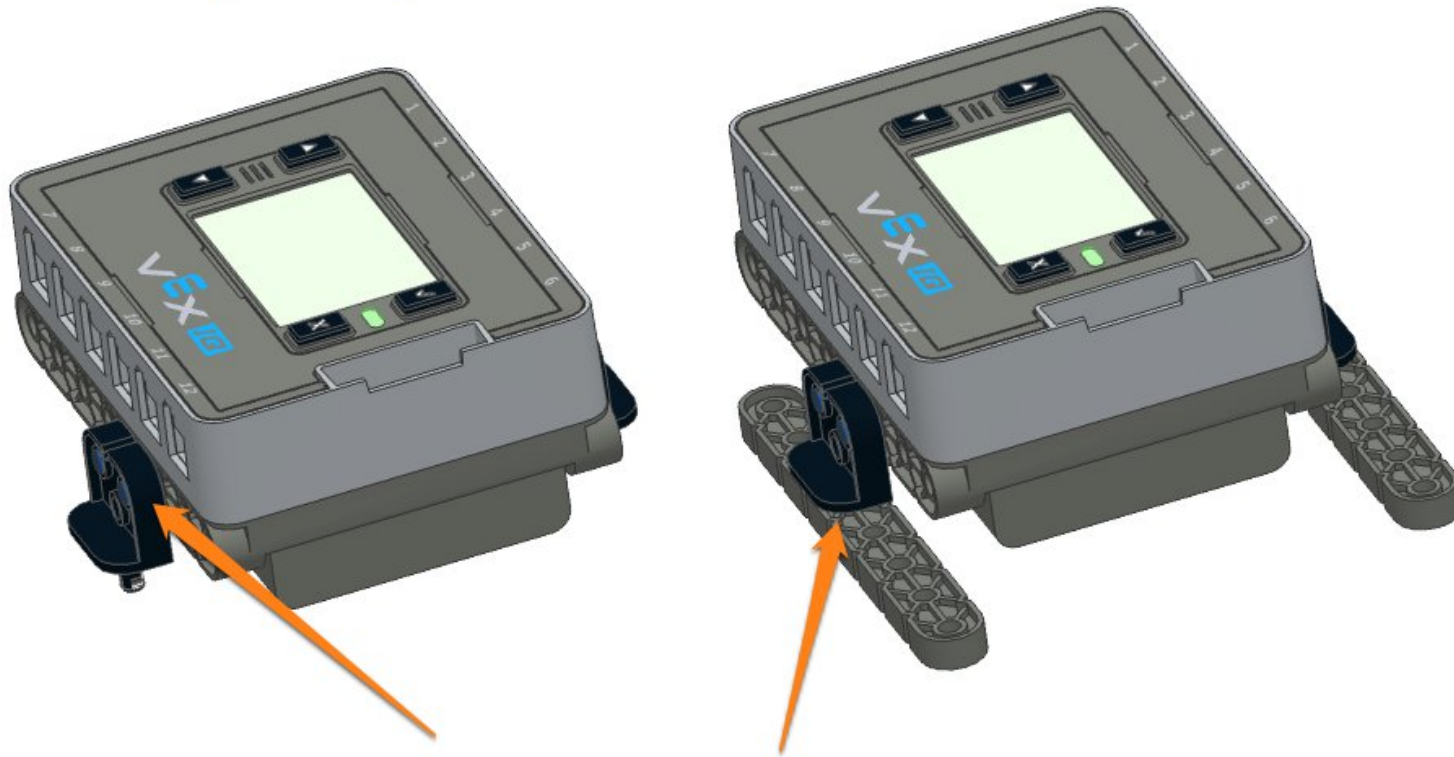
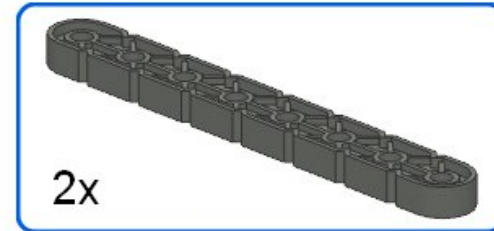


miniVEX - Brain Attachment

1

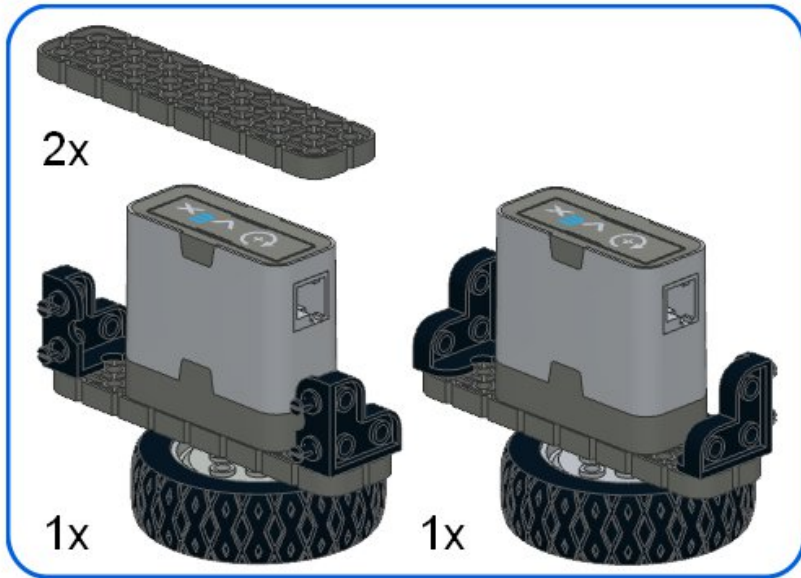


2

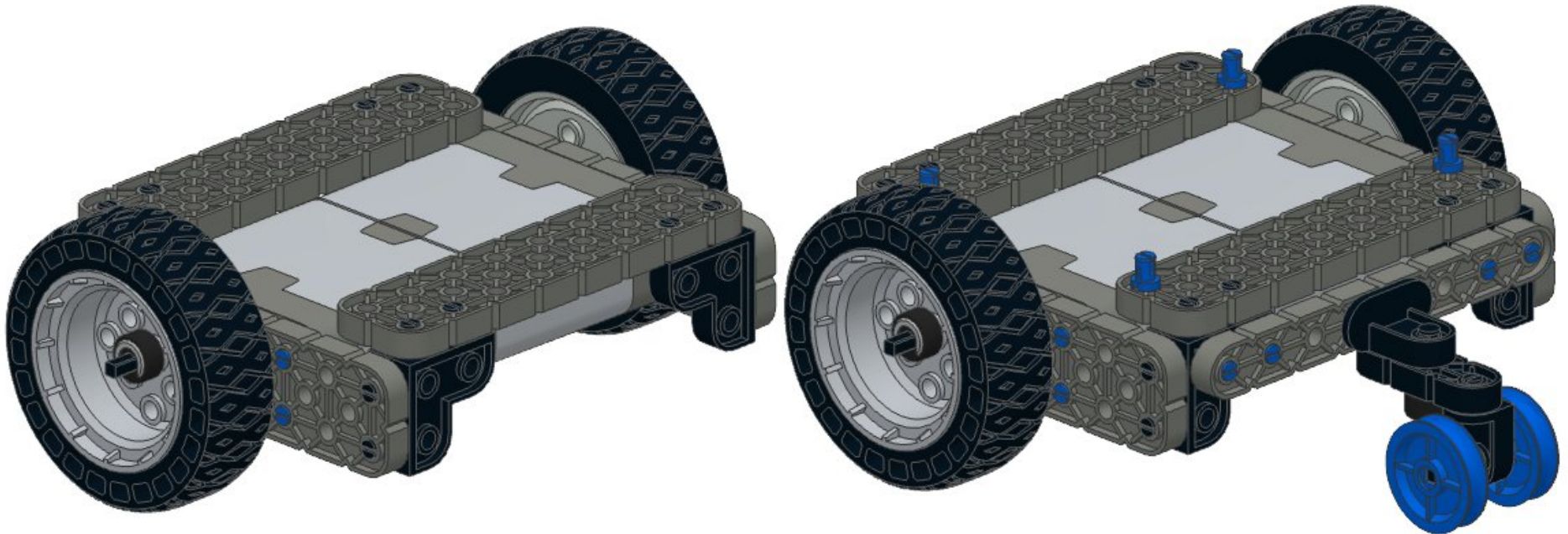
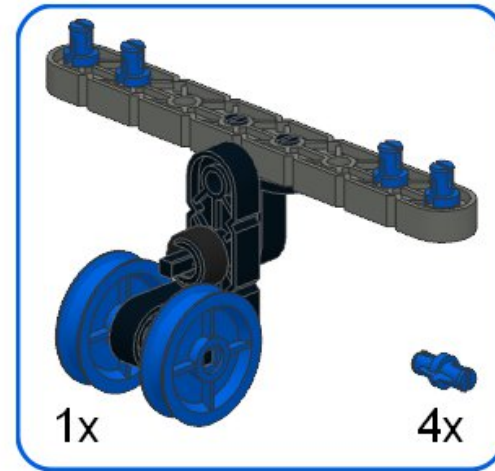


Count Carefully

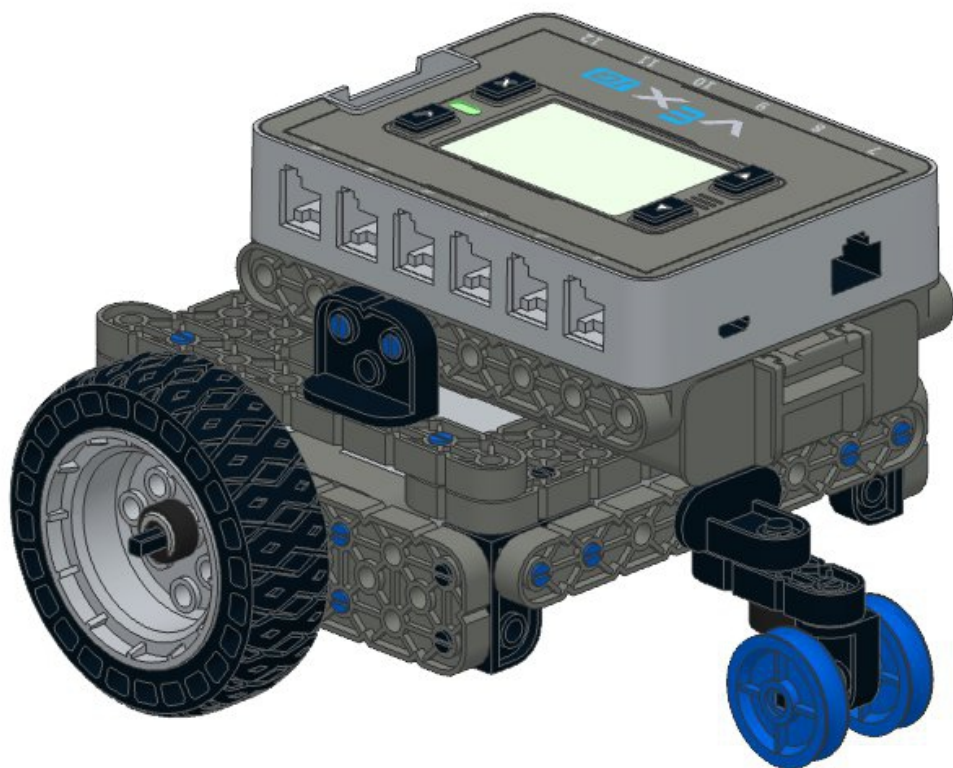
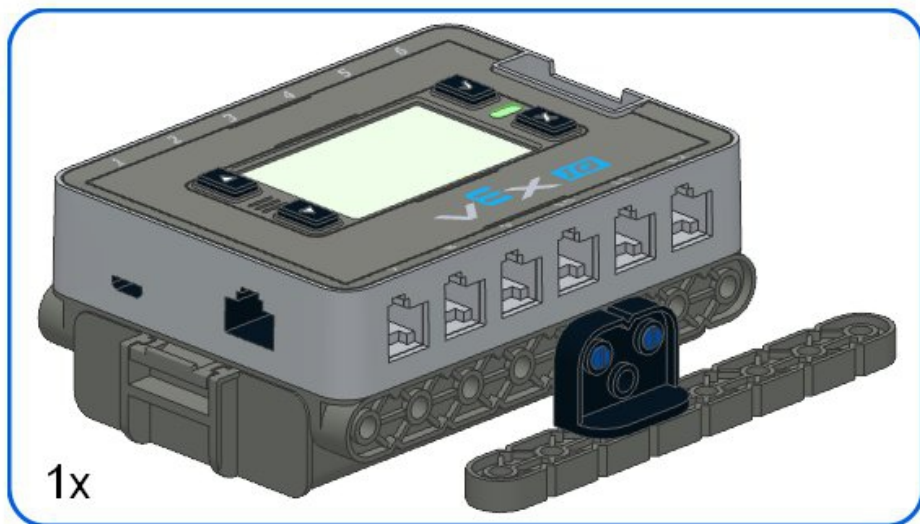
1



2



3

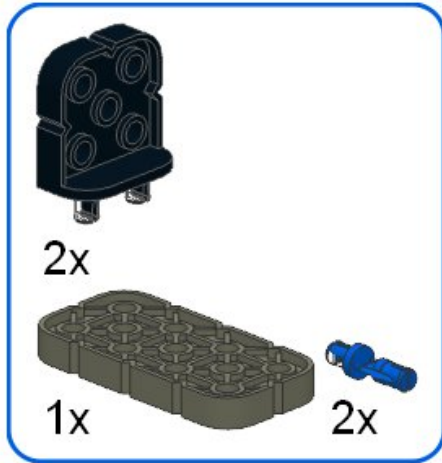


Simple Base Finished
Connect the motors to
Port 6 and 12

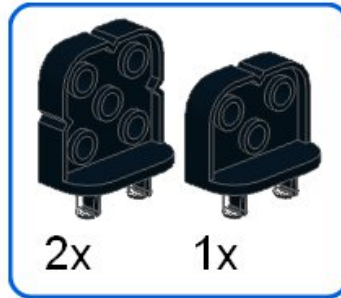


miniVEX - Sensor Stack

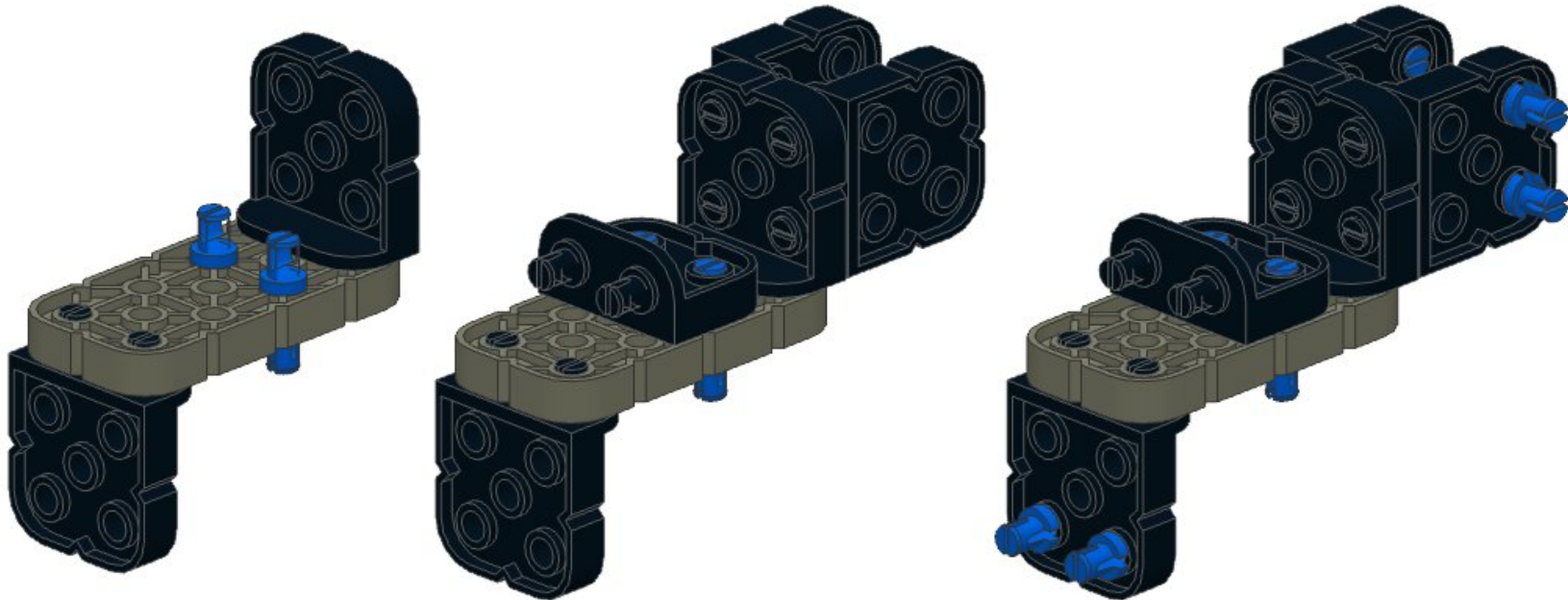
1



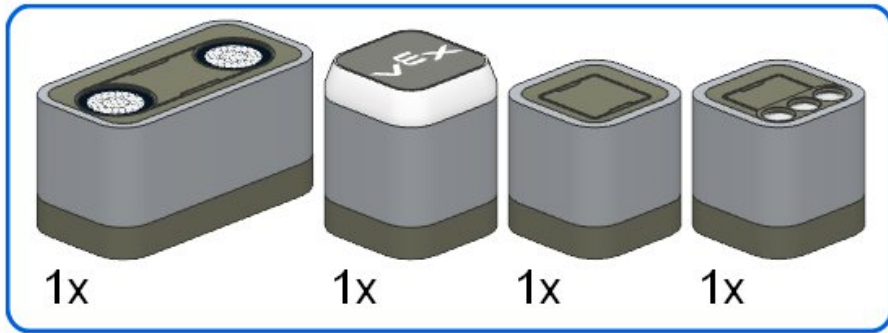
2



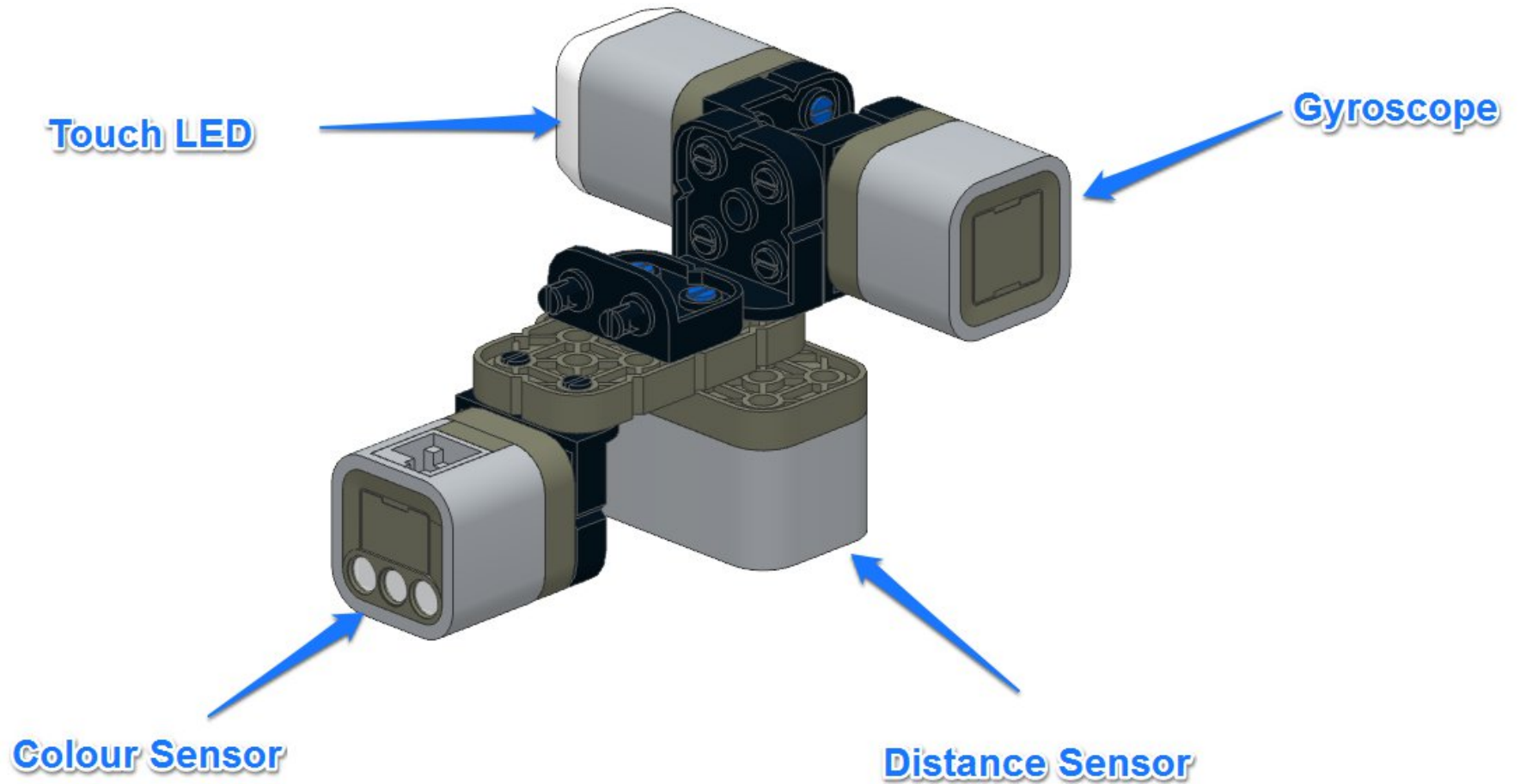
3



4

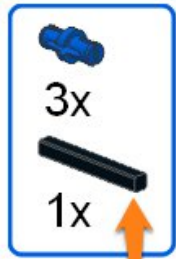


Pay Attention! Make sure each Sensor goes in the right place!

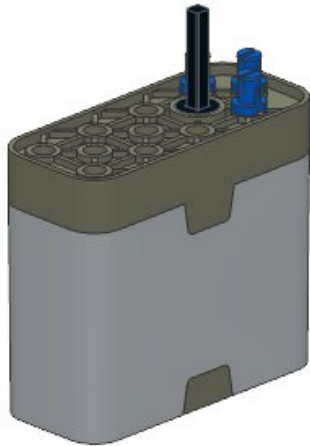


miniVEX - Gripper Attachment

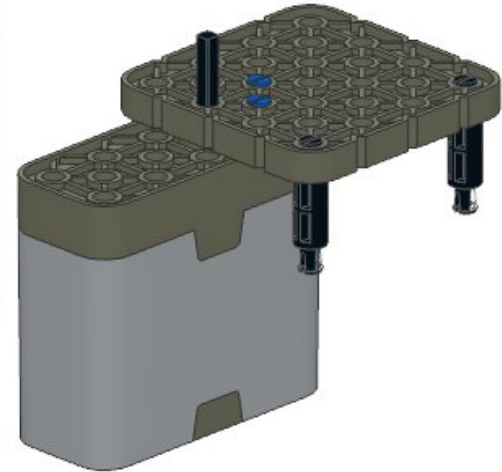
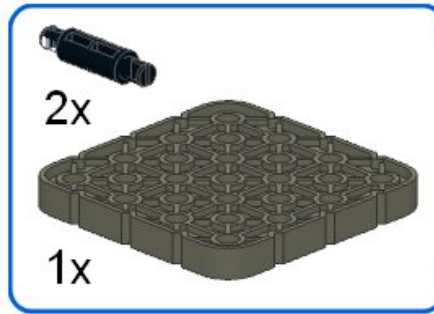
1



Normal Axle

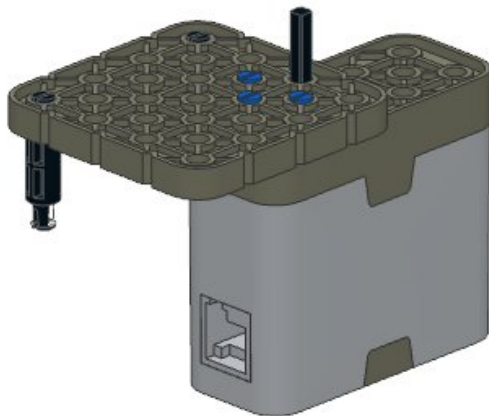


2



3

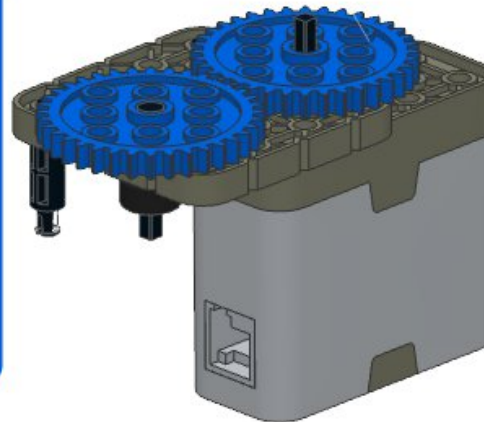
Turn around



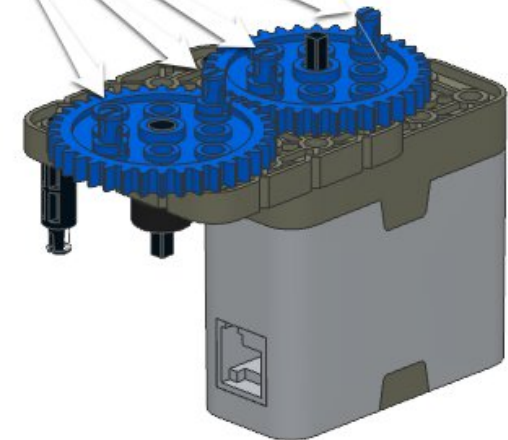
4



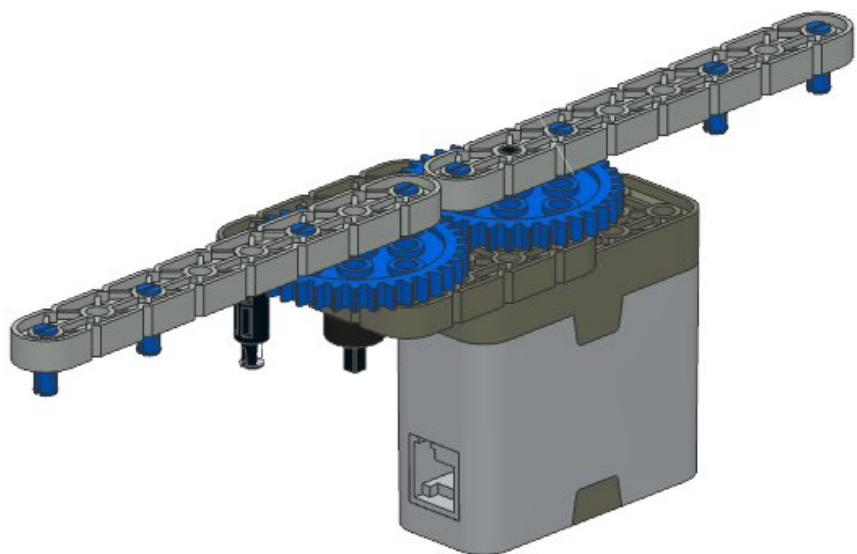
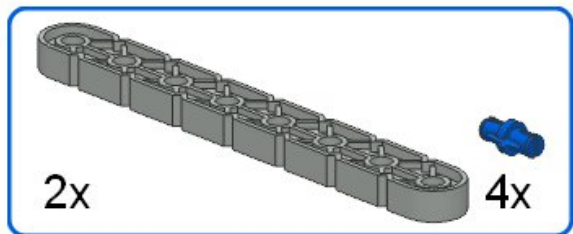
Axle with end cap



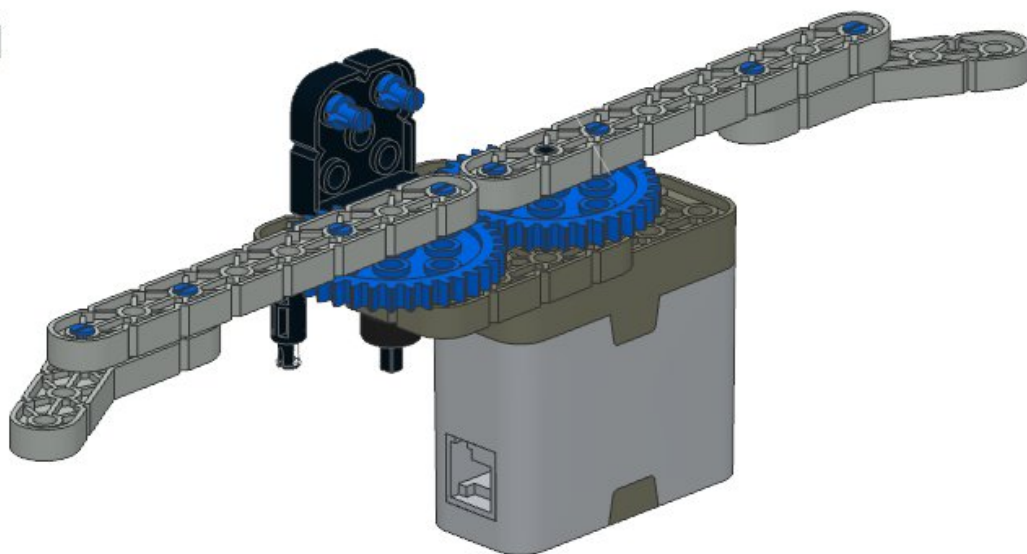
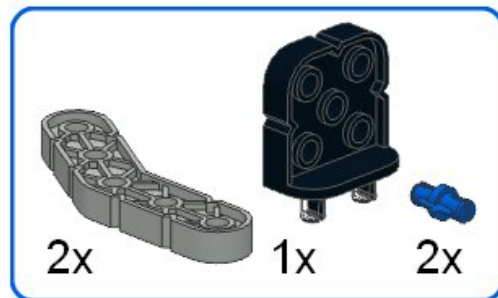
5



6



7



8

