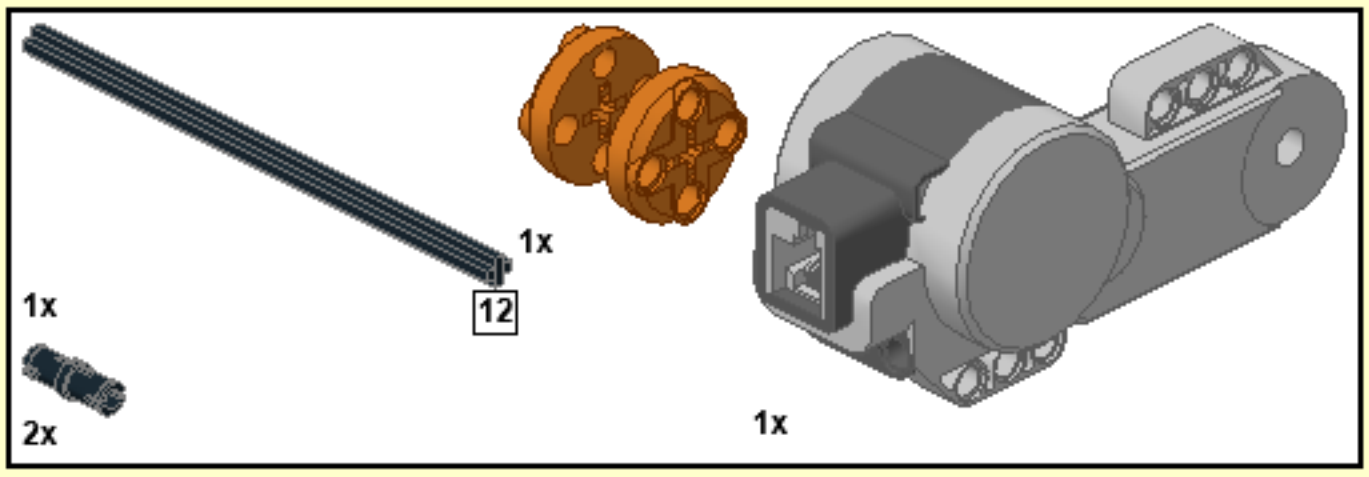
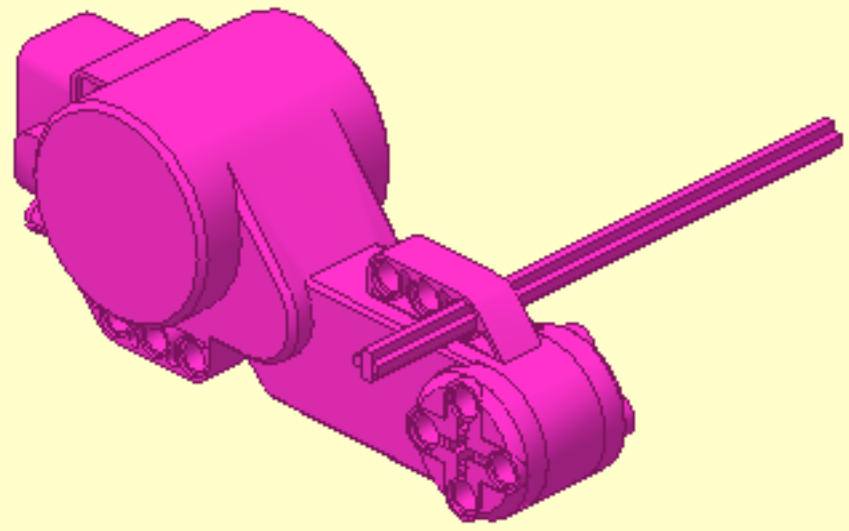
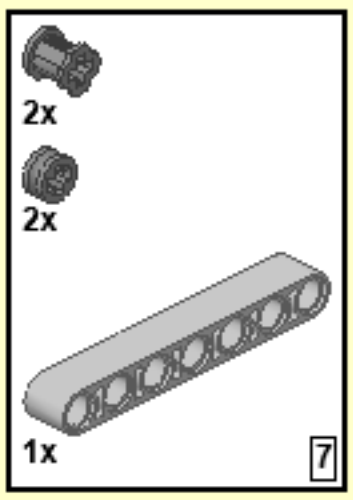
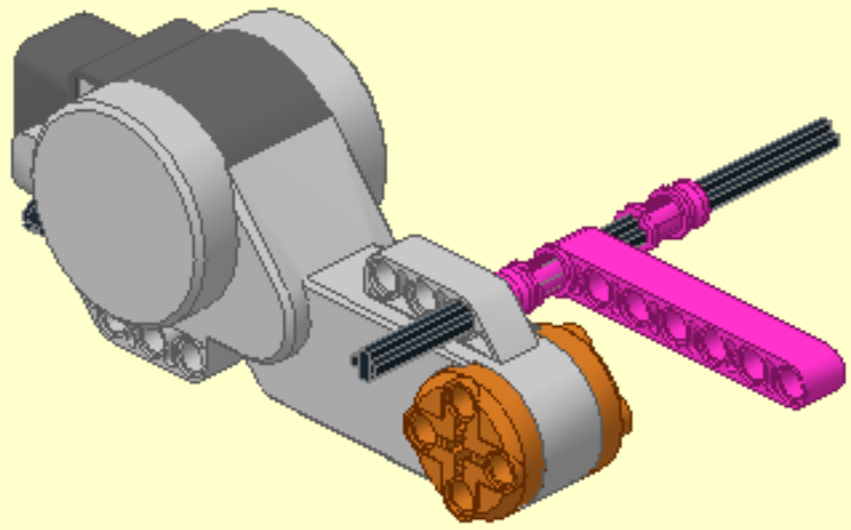
1



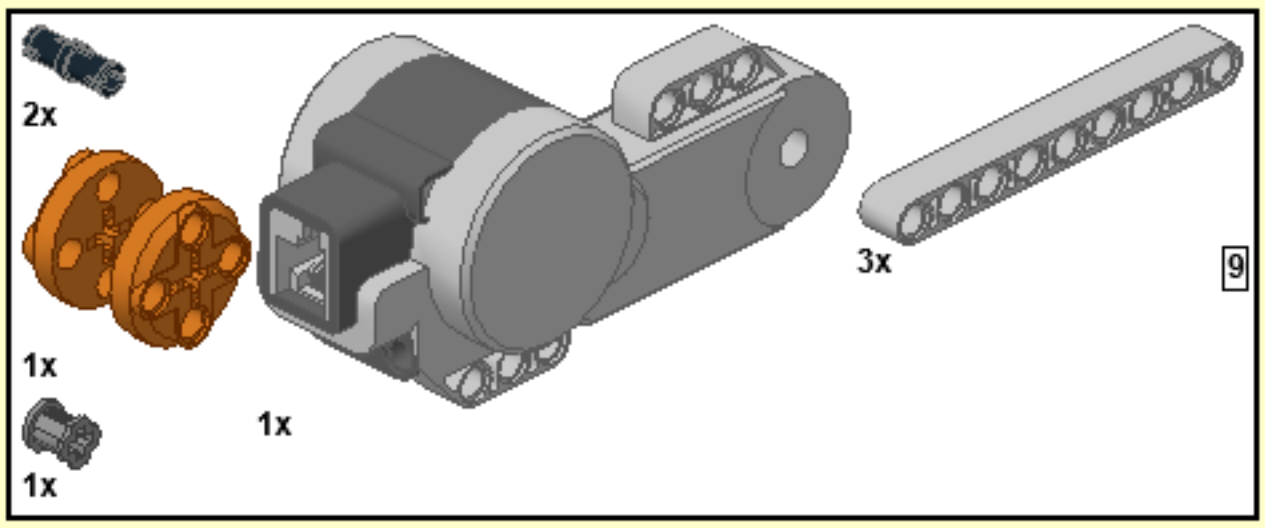


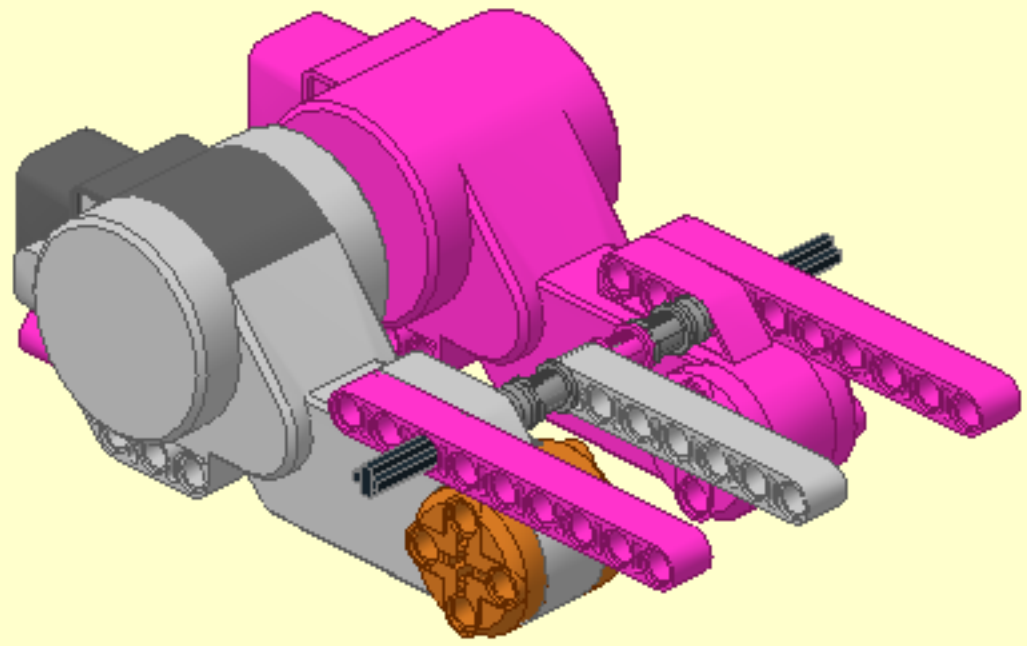
2



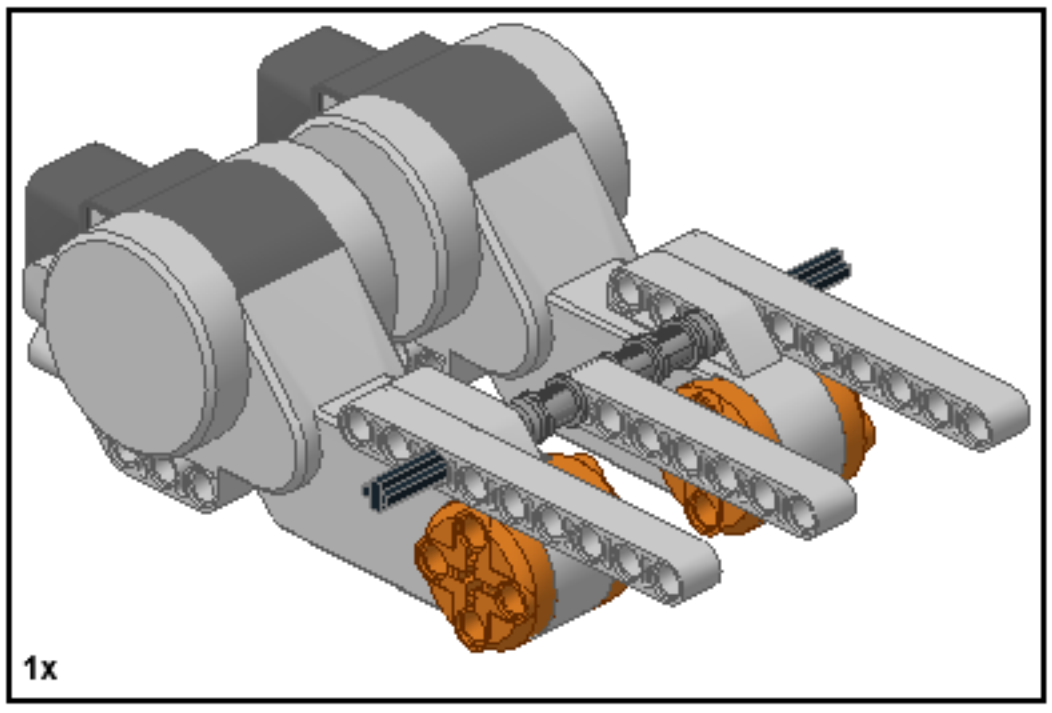


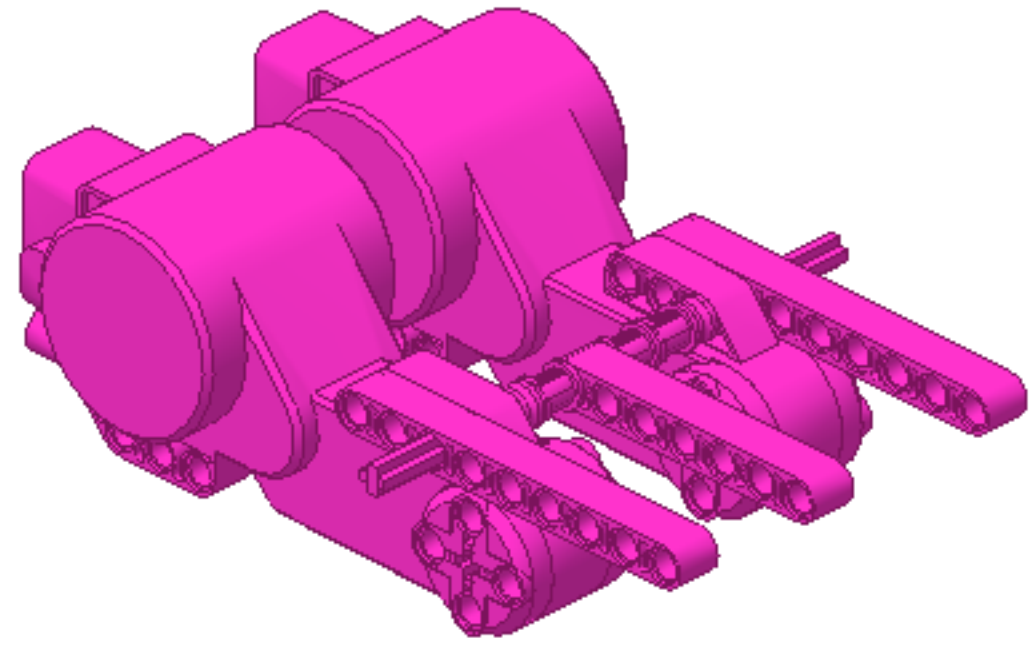
3



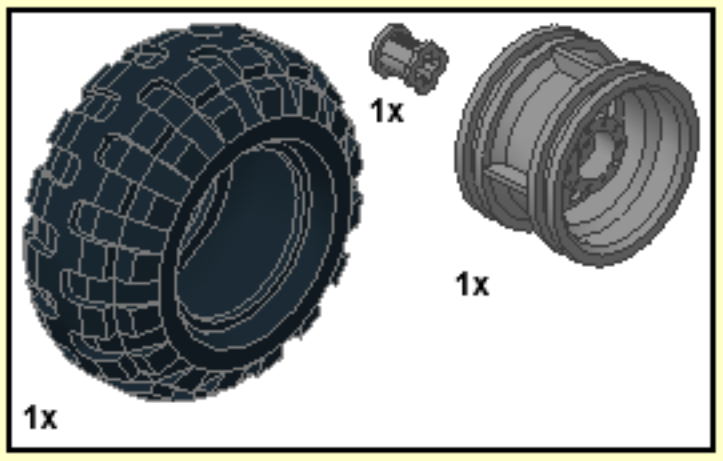


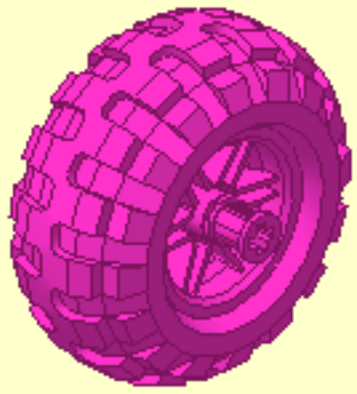
1



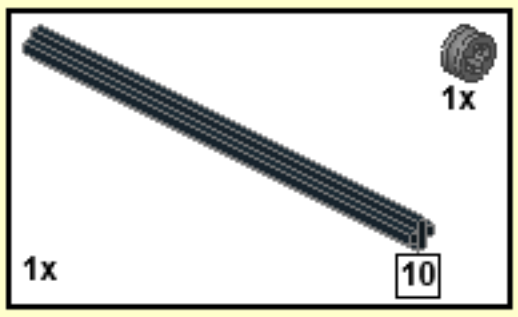


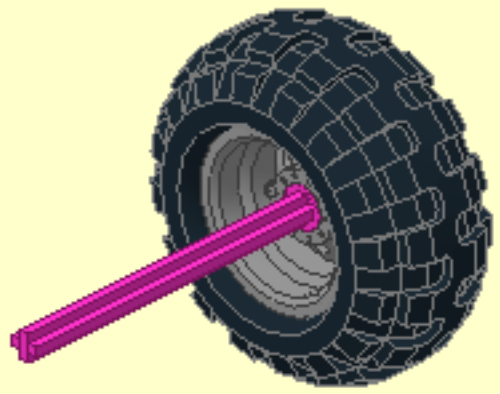
1



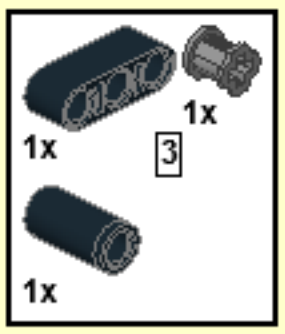


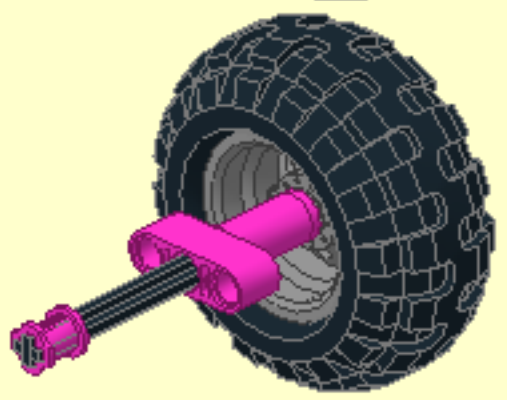
2



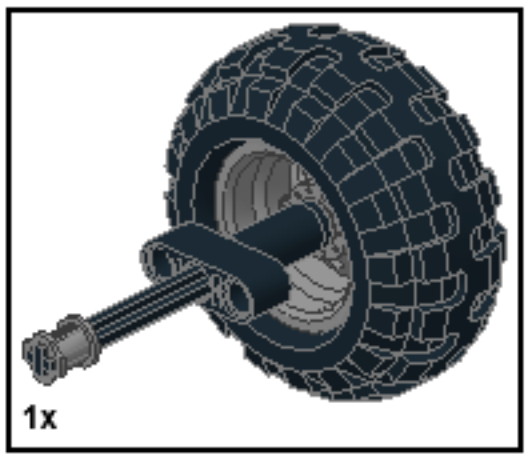


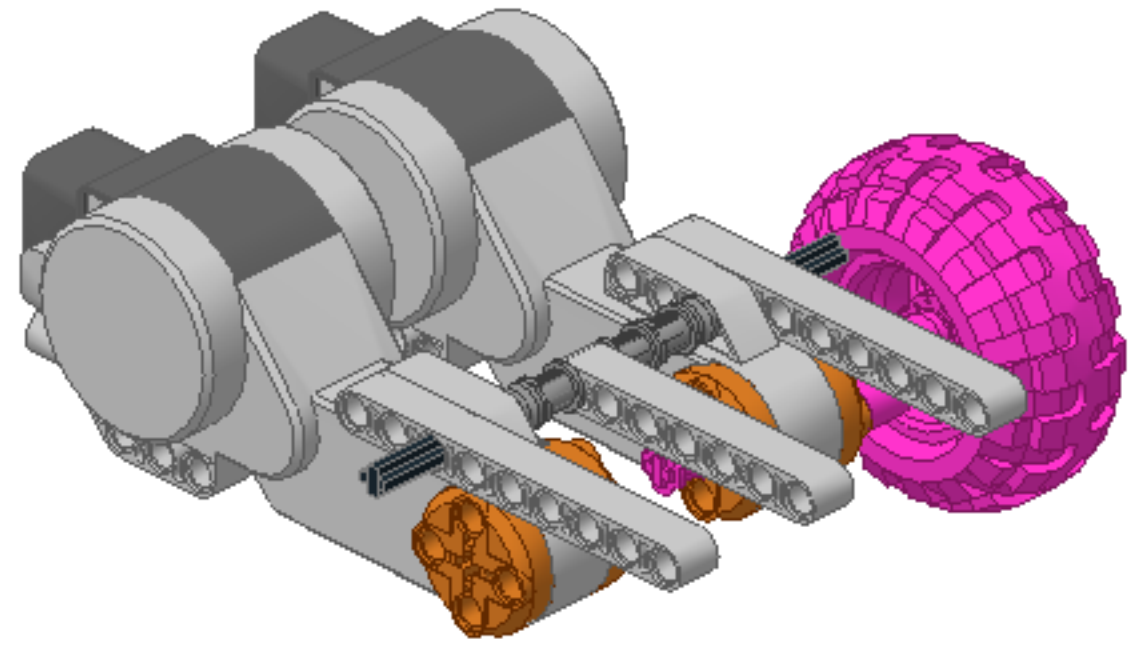
3



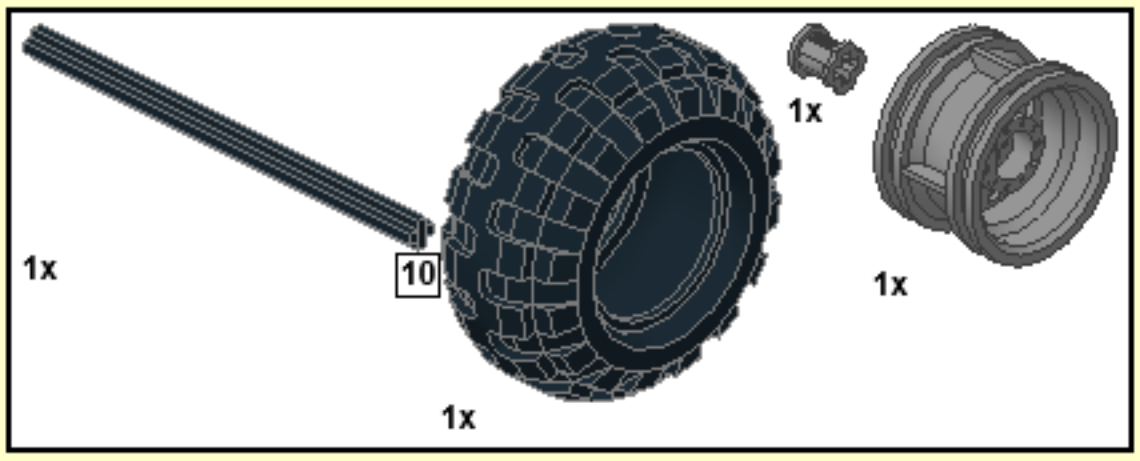


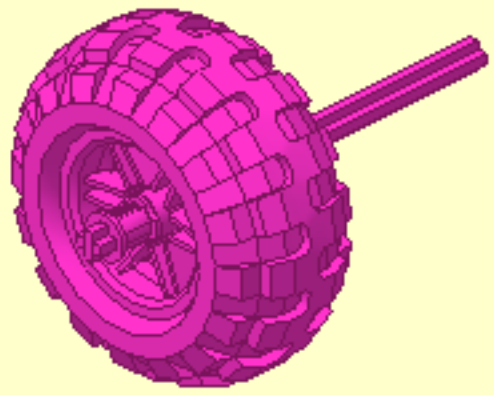
2



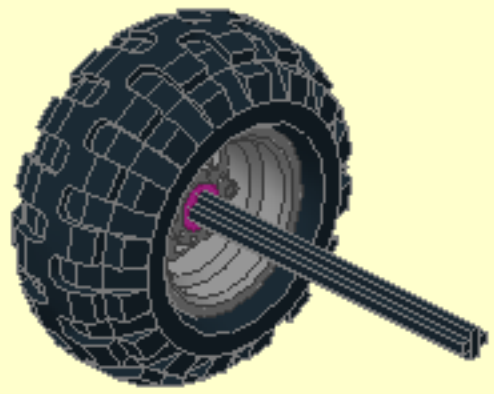


1

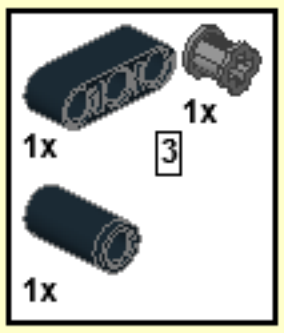


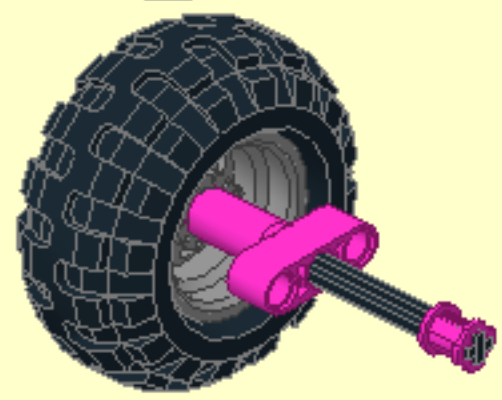


2

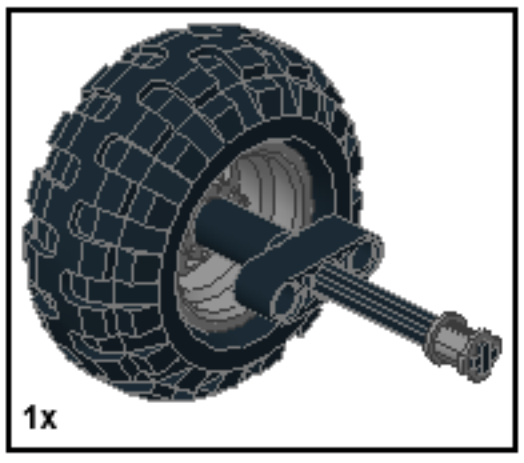


3

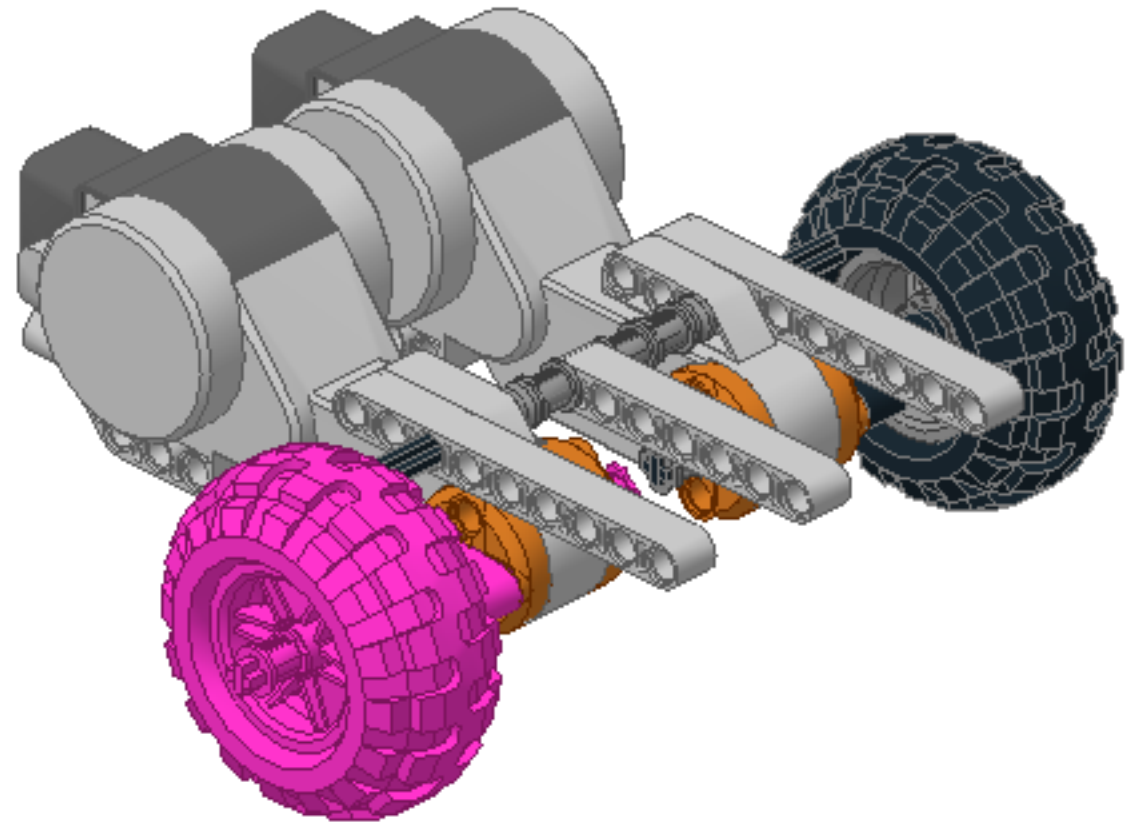




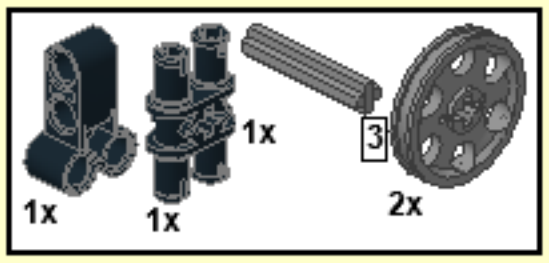
3



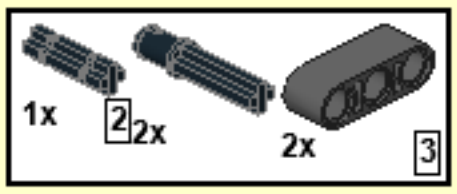
1x

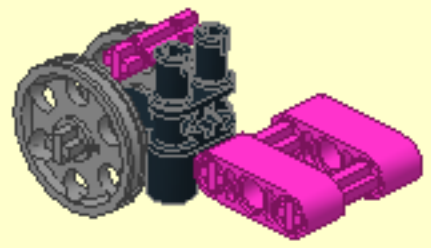


1

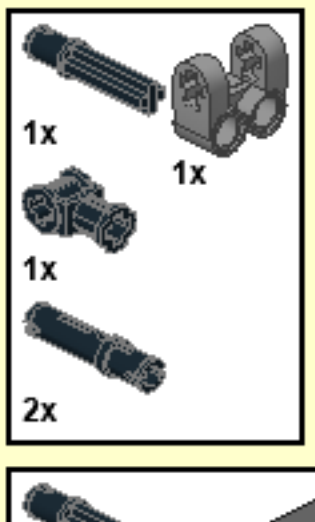

1x
1x
1x
3
2x

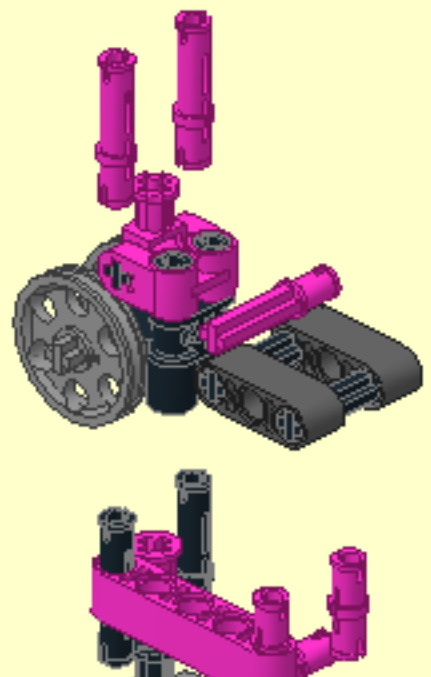
2


1x
2
2x
2x
3

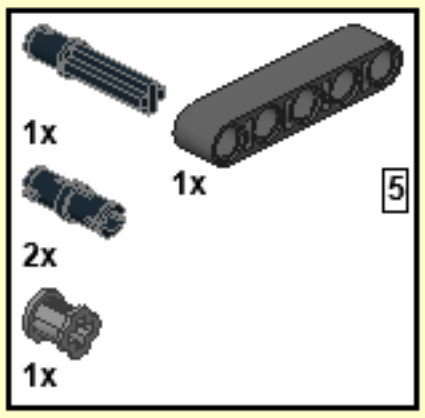


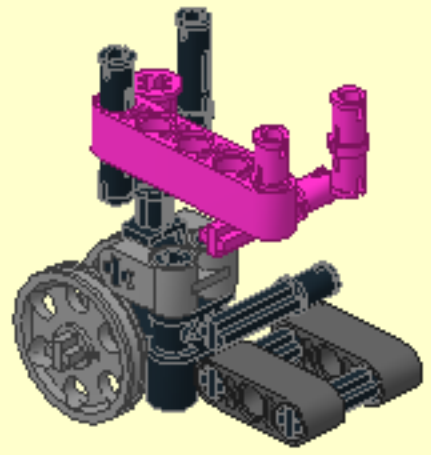
3


1x
1x
1x
2x

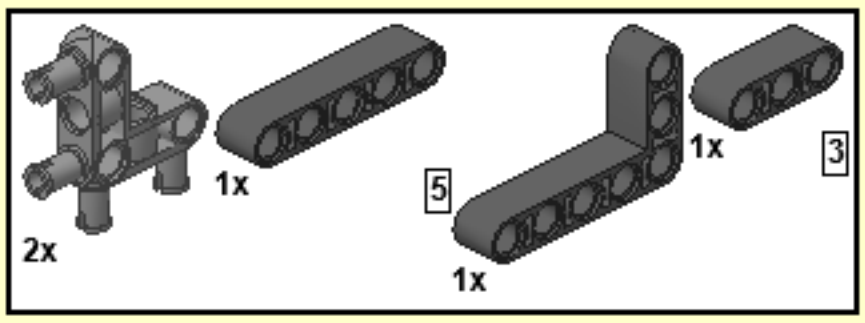


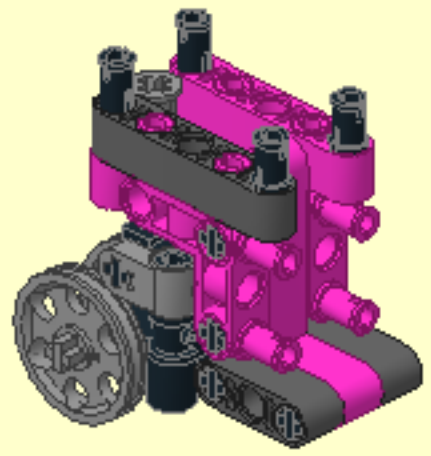
4


1x
1x
5
2x
1x

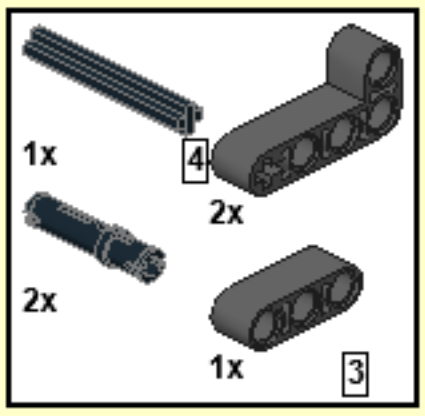


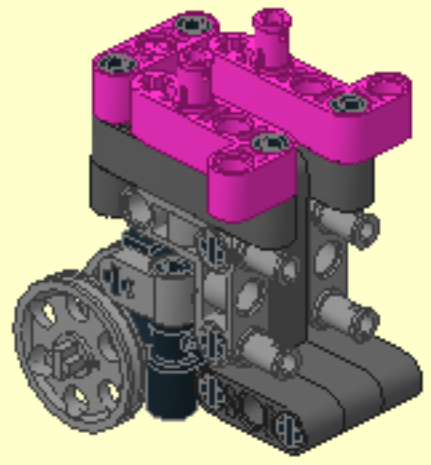
5


1x
2x
5
1x
1x
3
1x

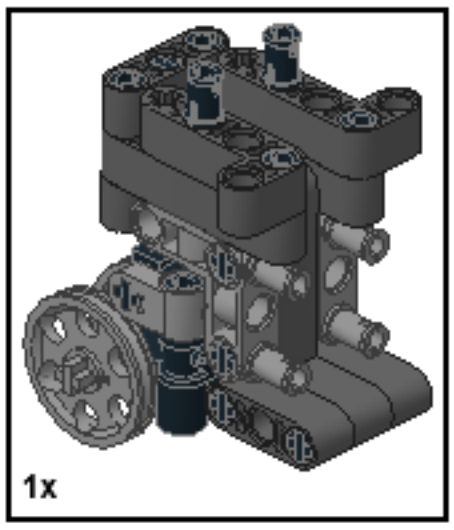


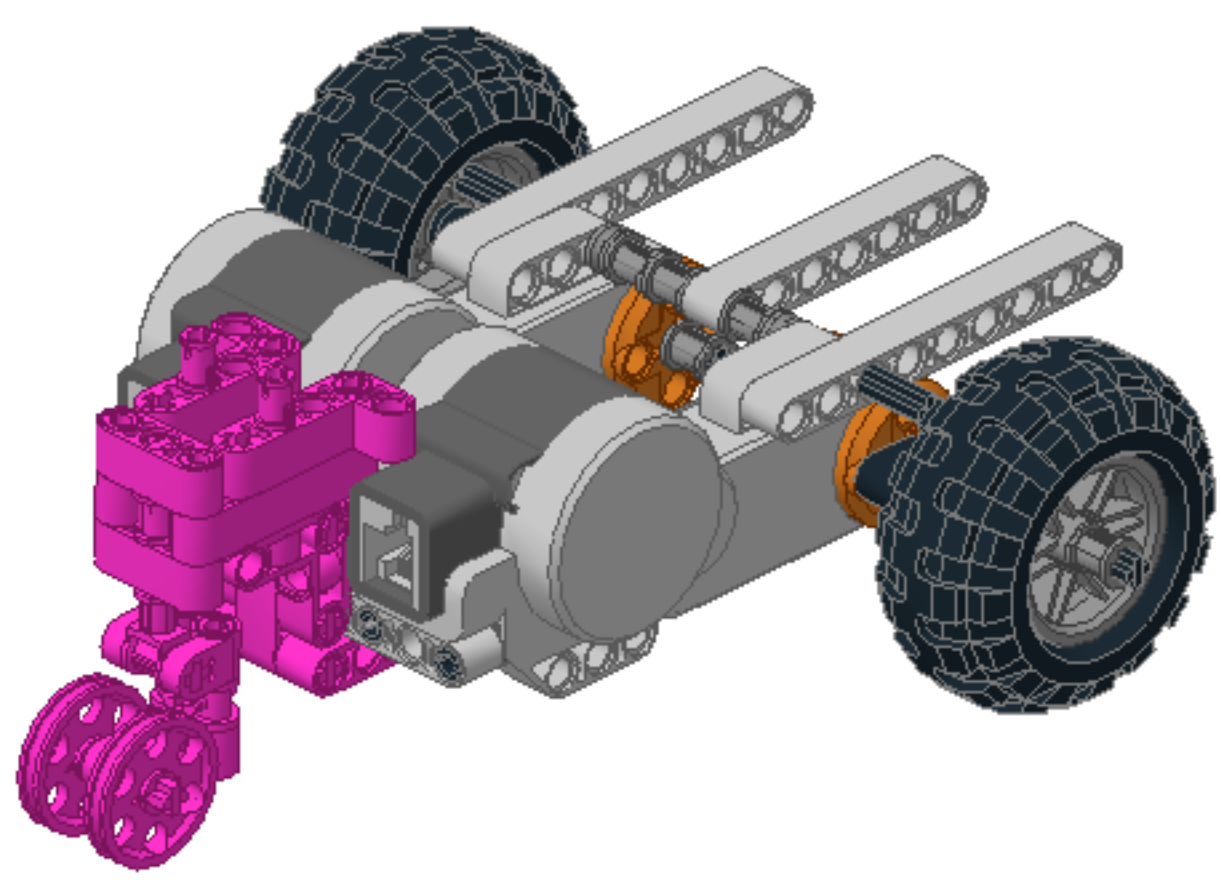
6


1x
4
2x
2x
1x
3

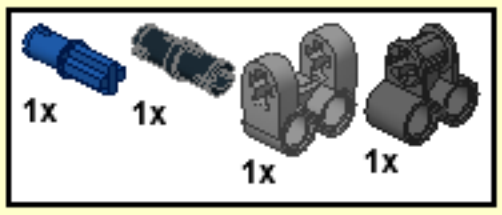


4

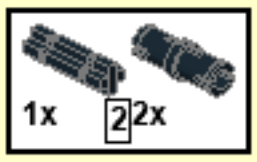




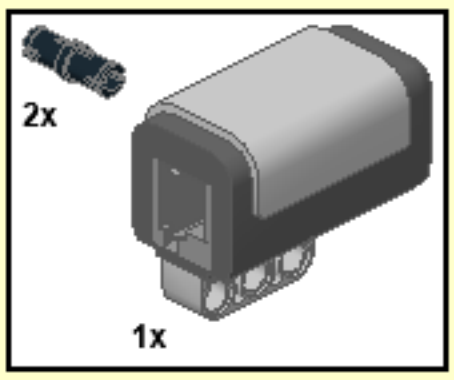
1

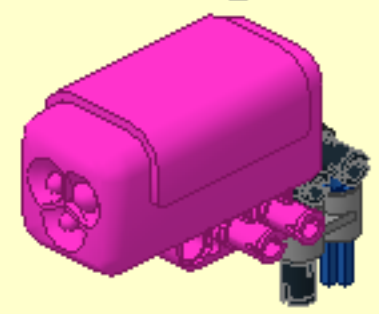


2

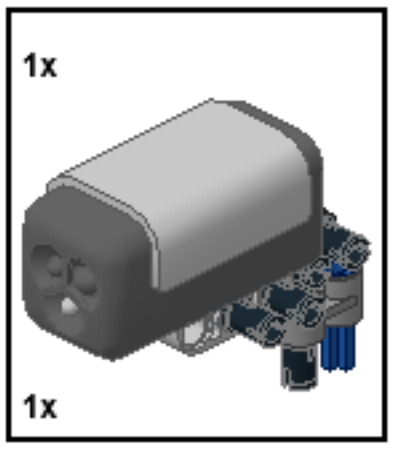


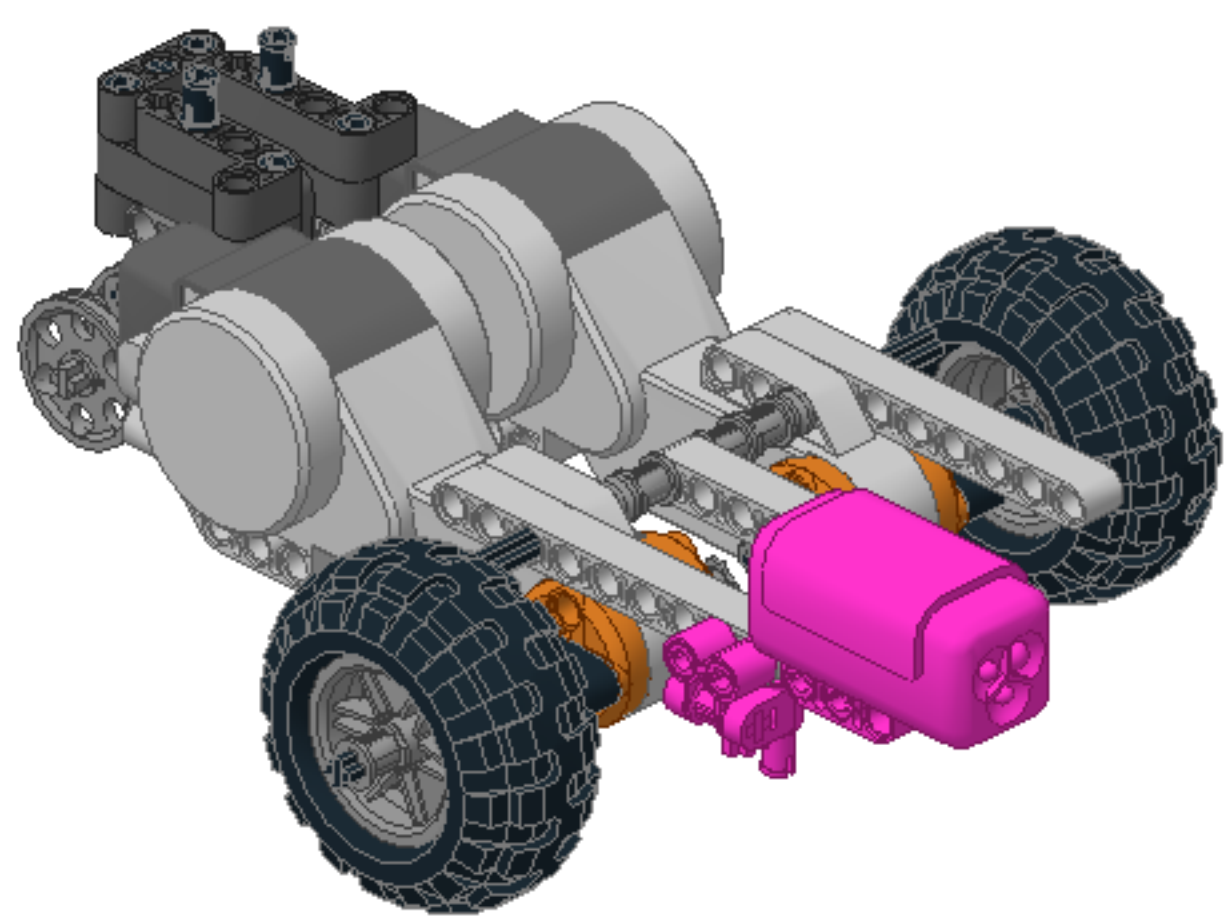
3



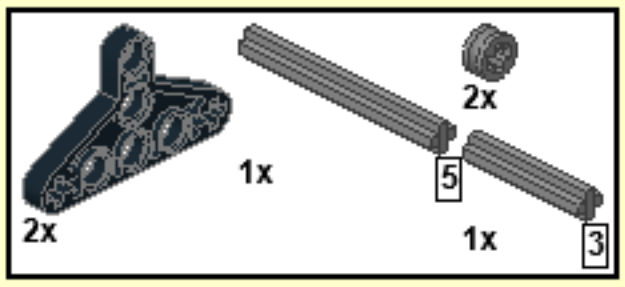


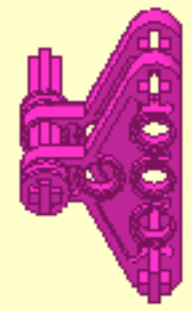
5



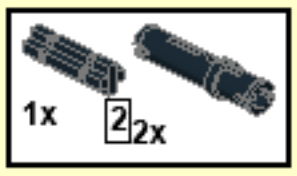


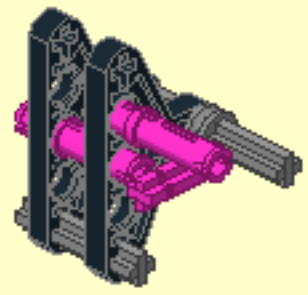
1



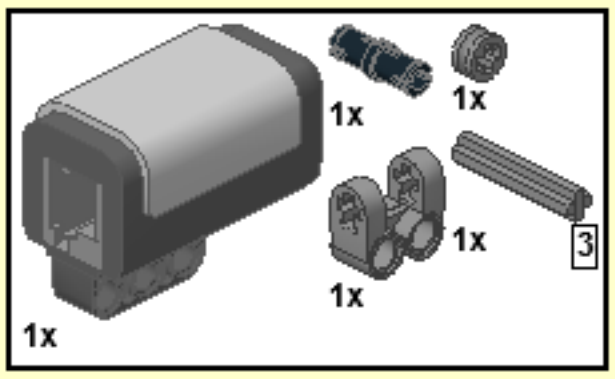


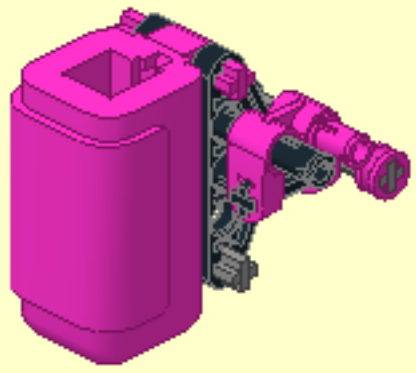
2



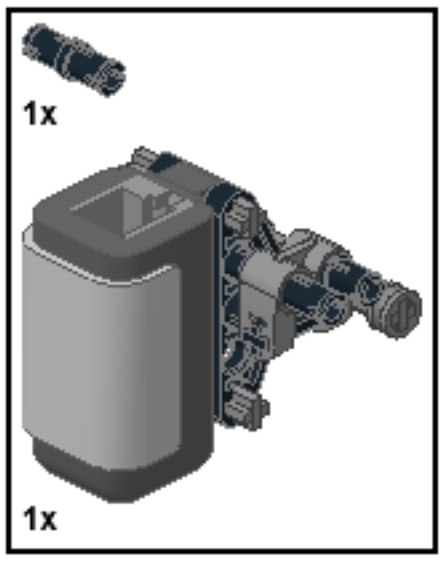


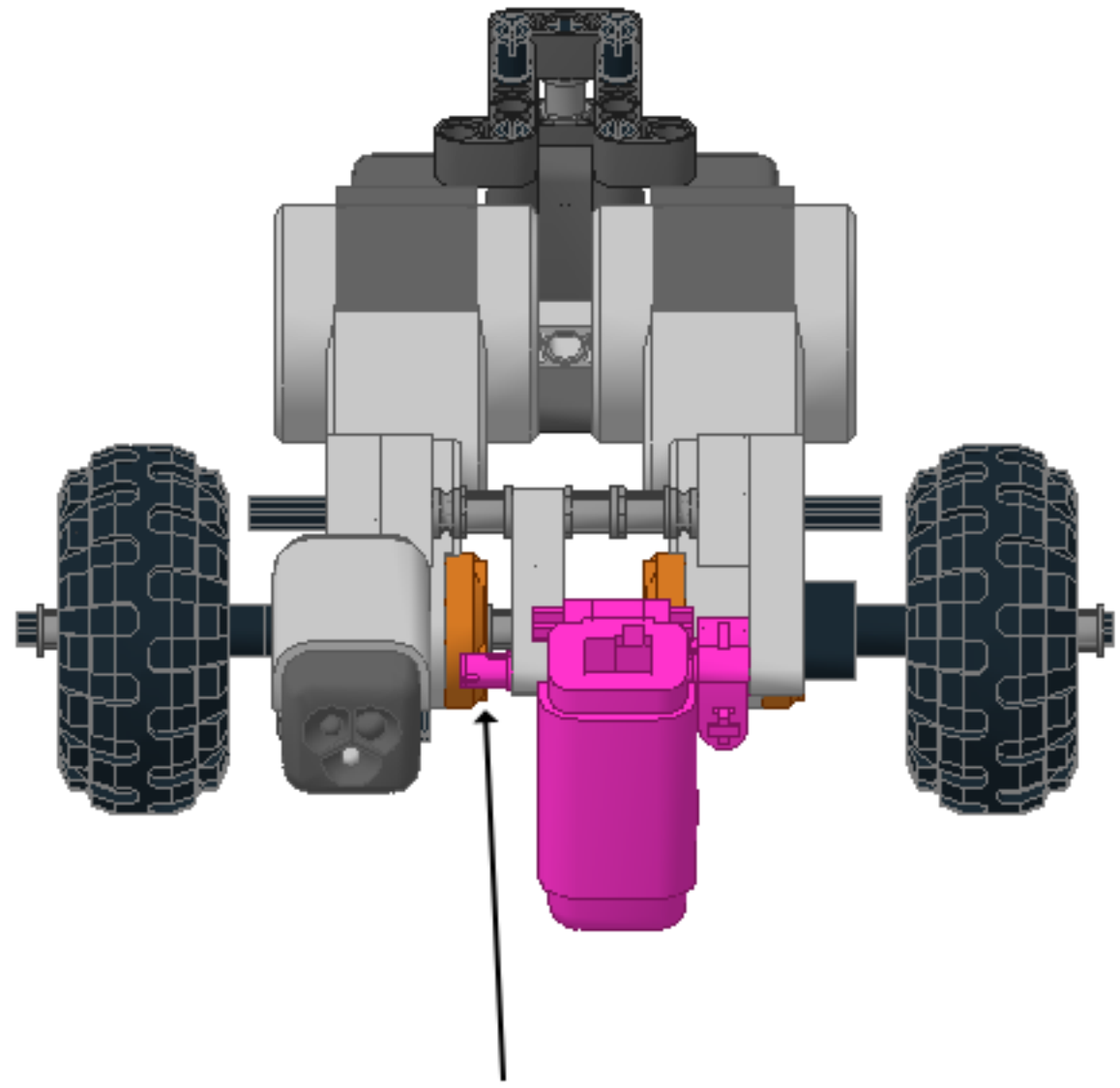
3





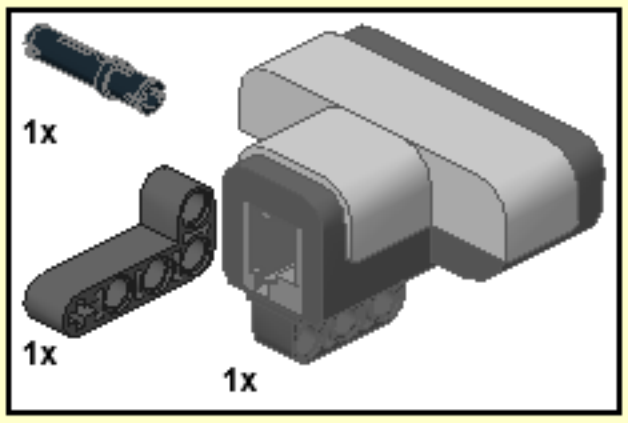
6

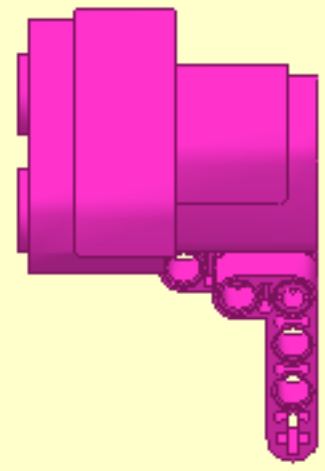




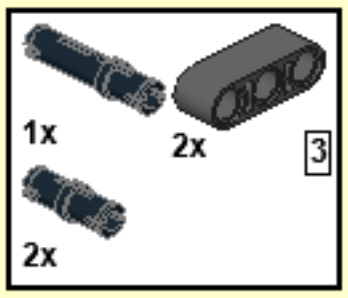
The correct position for this connector is between the 7x1 and the triangle shape. LDD rules did not allow it.

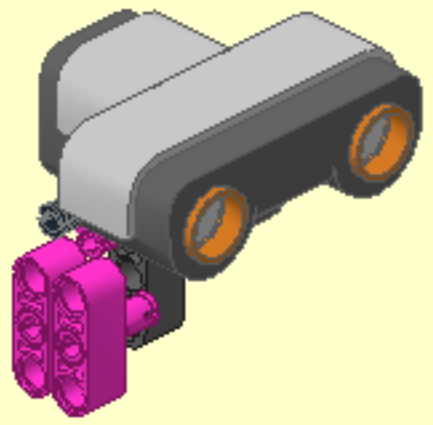
1



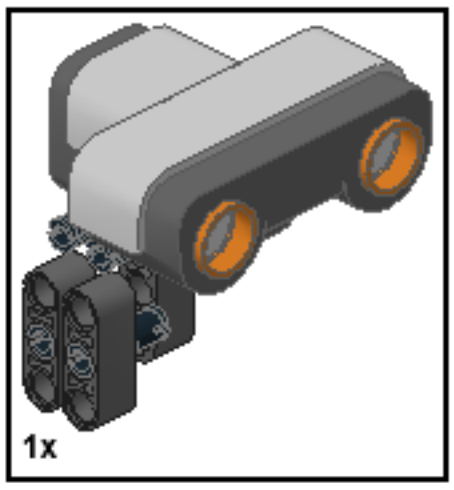


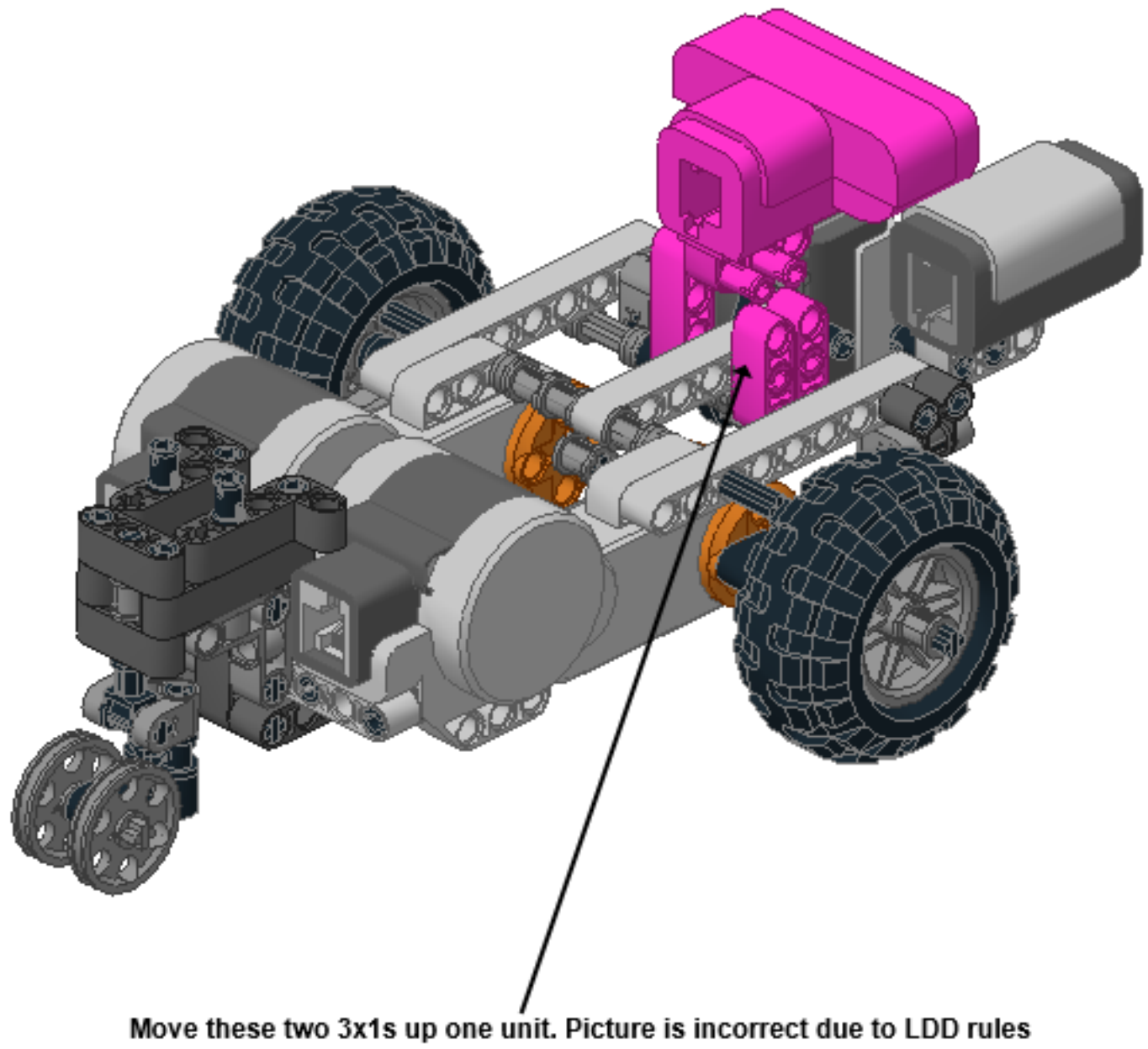
2



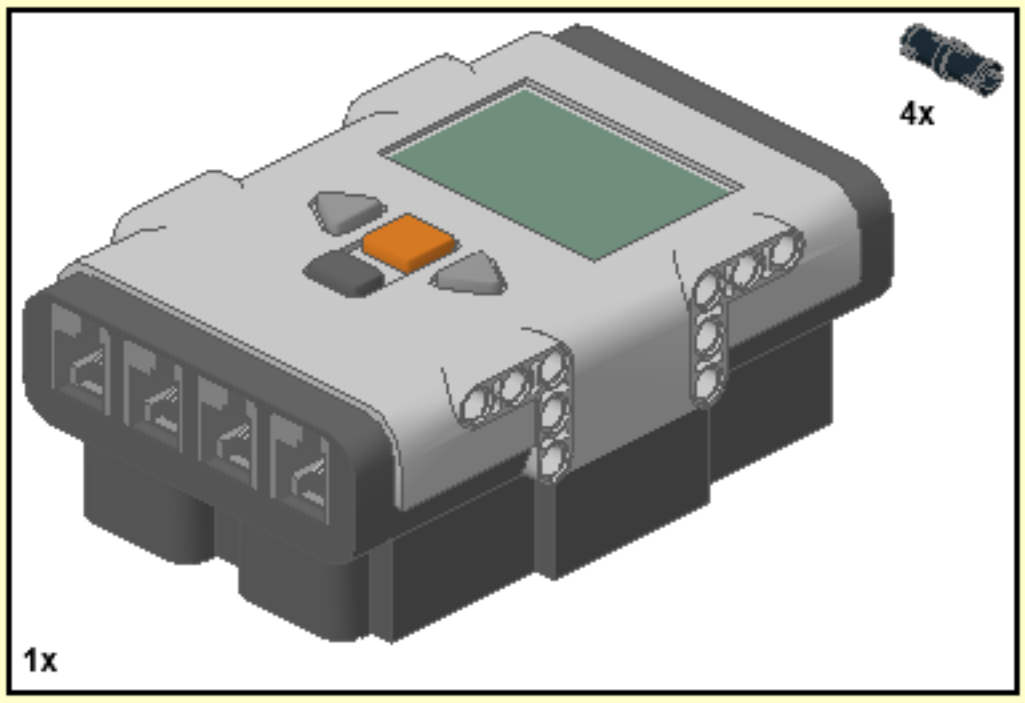


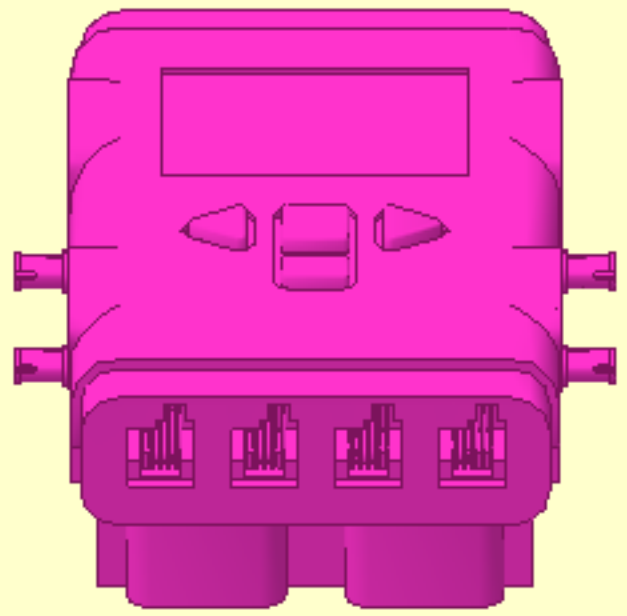
7


1x

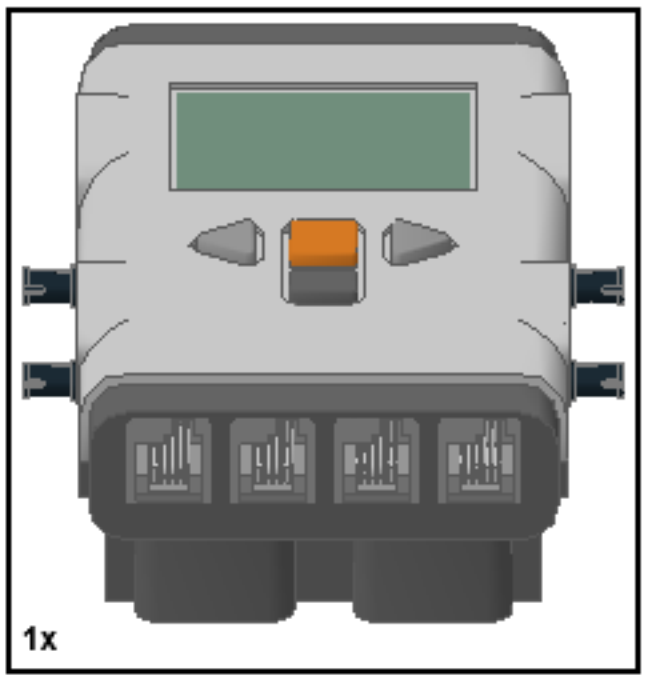

Move these two 3x1s up one unit. Picture is incorrect due to LDD rules

1

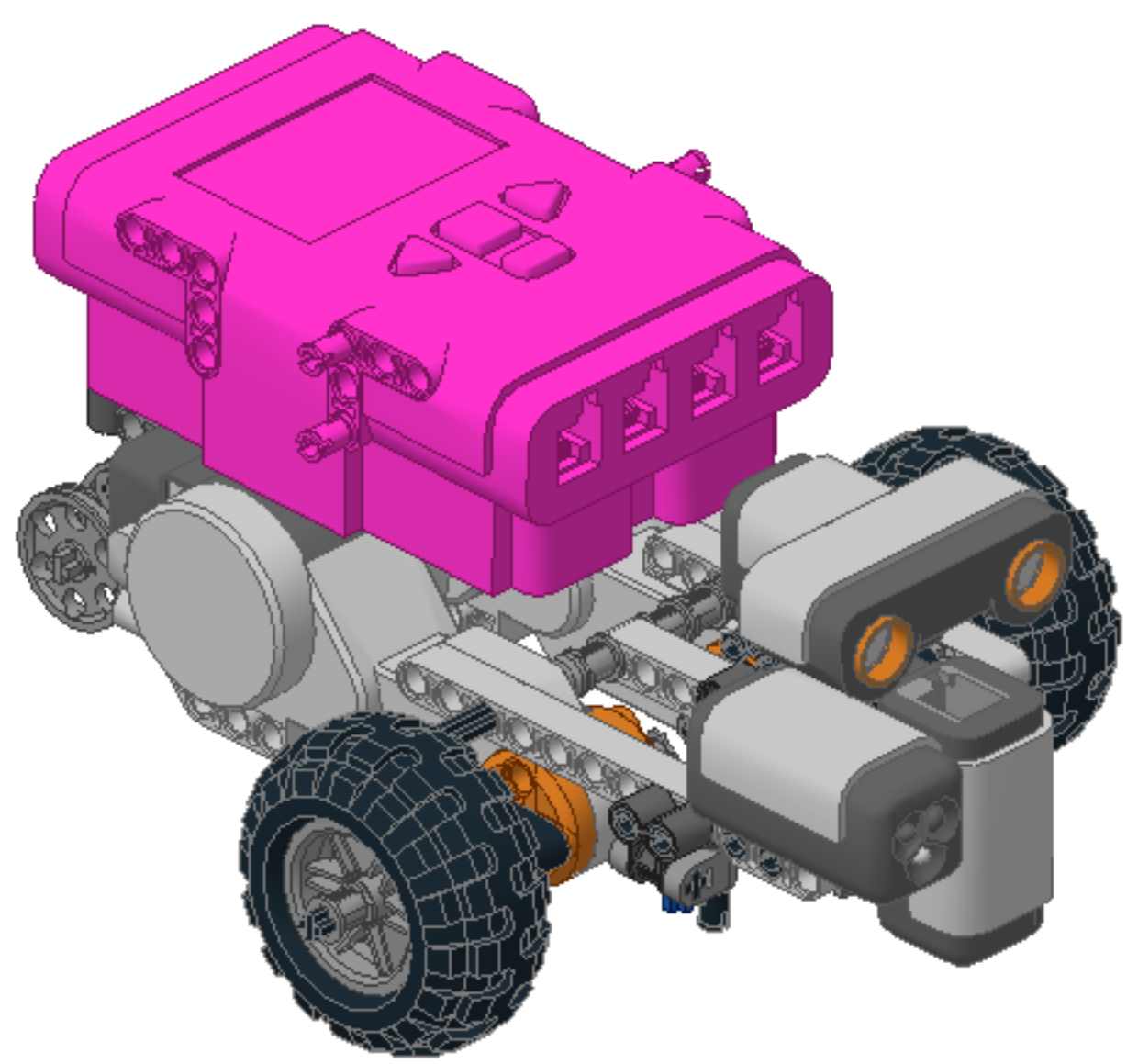




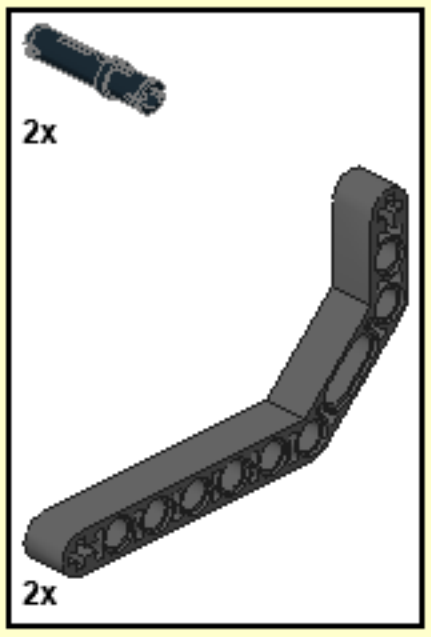
8

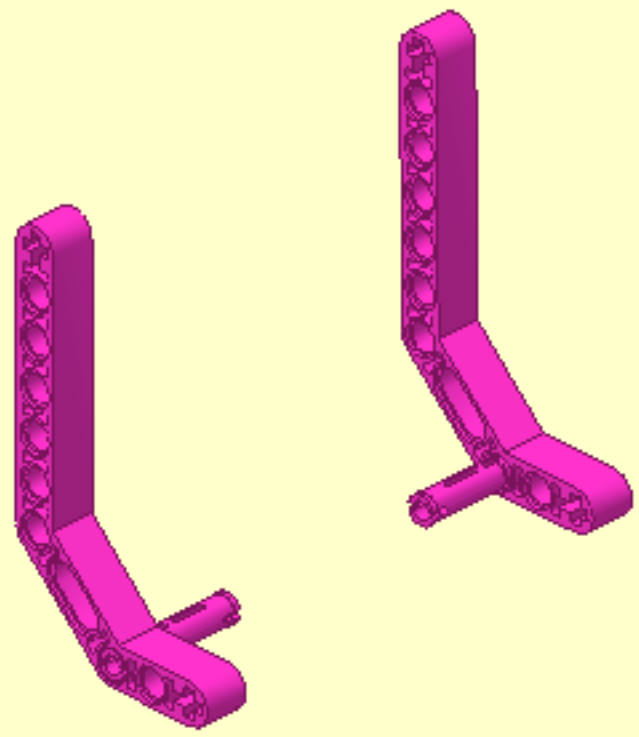


1x

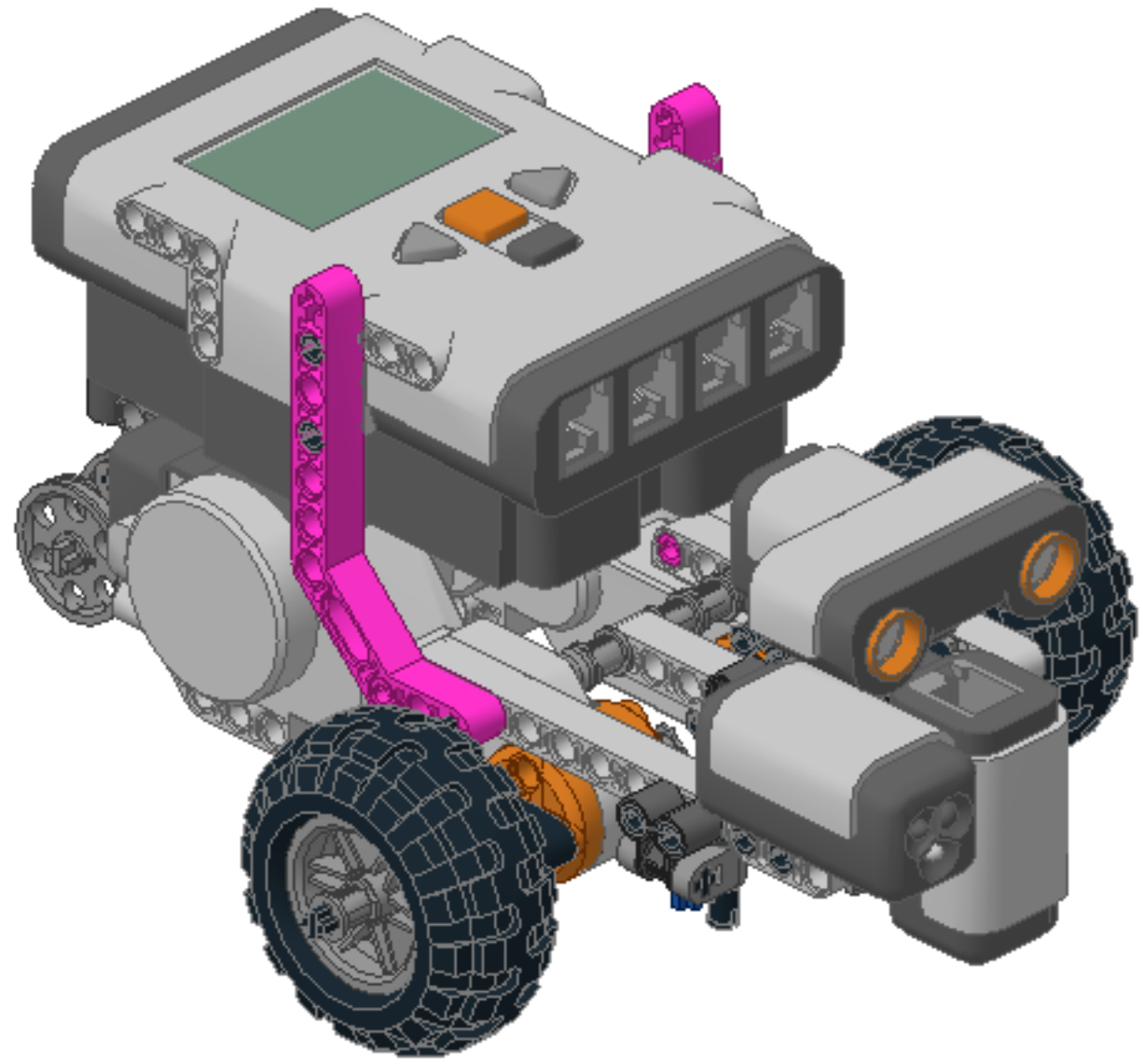


1

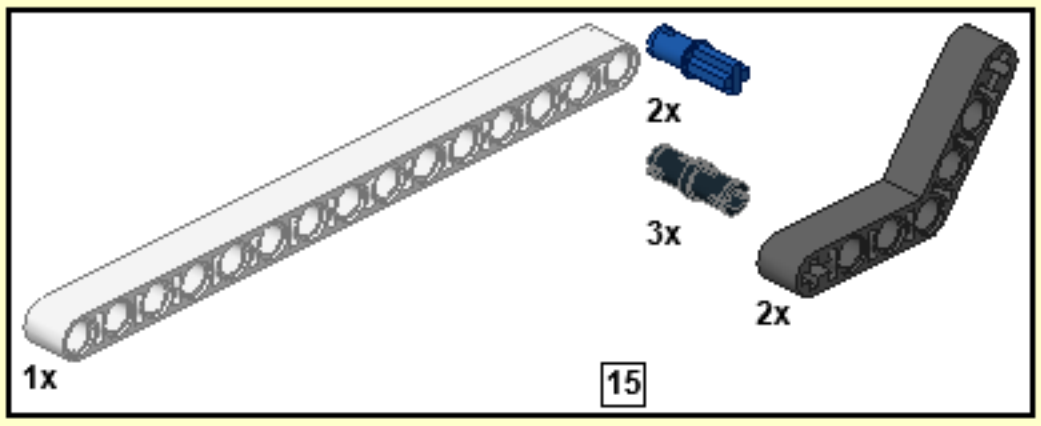


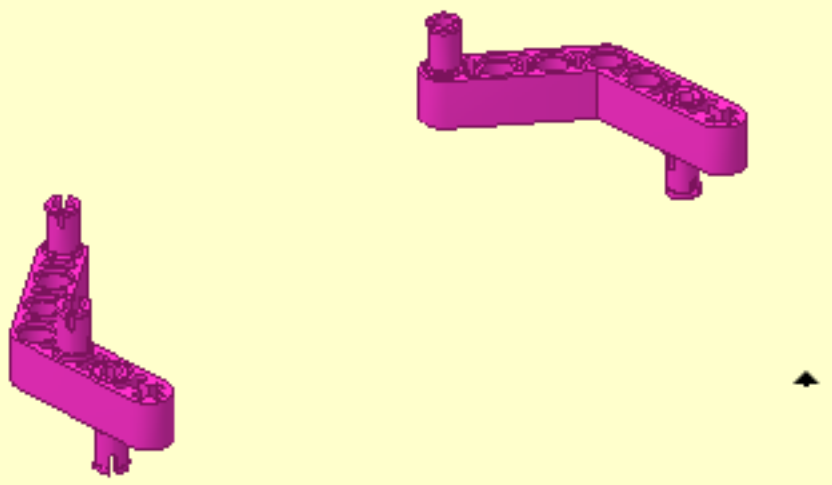


9

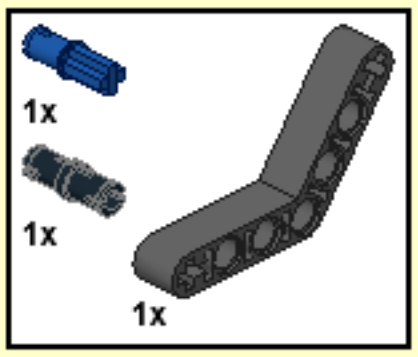


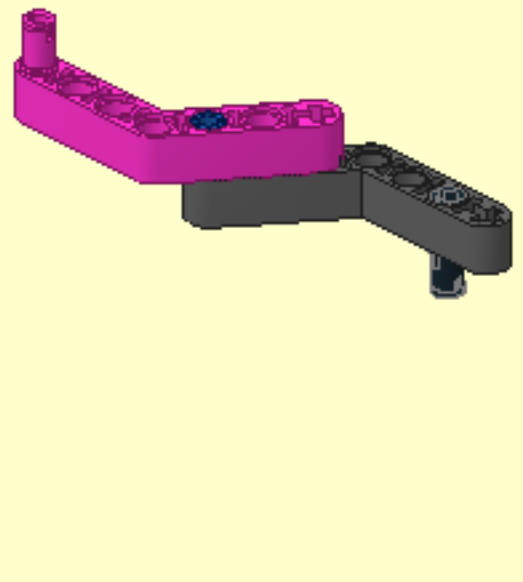
1



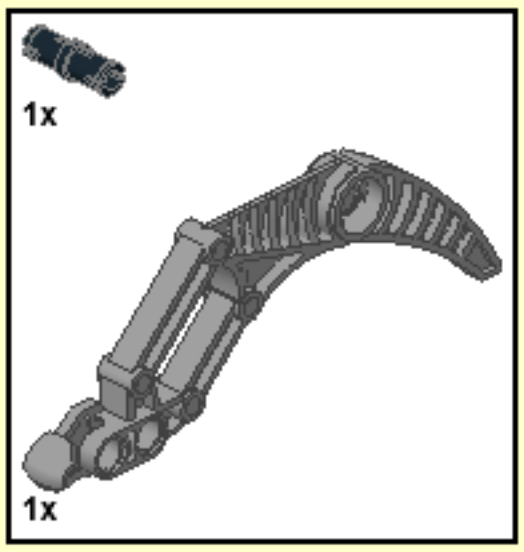


2

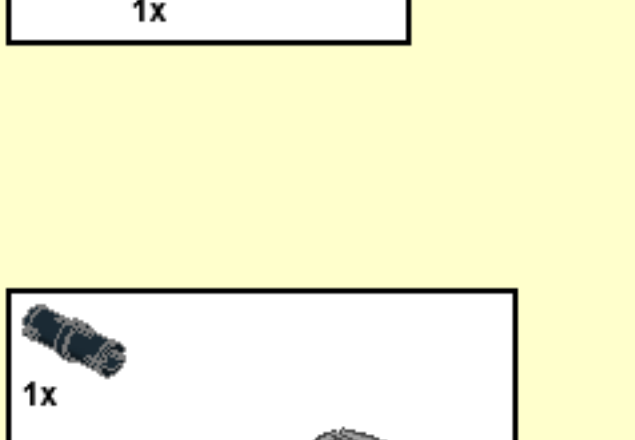




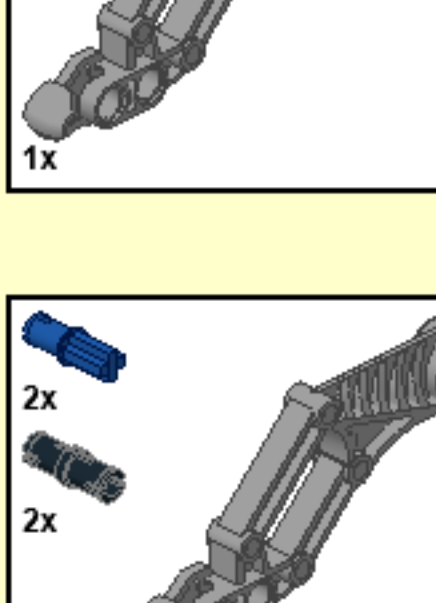
3

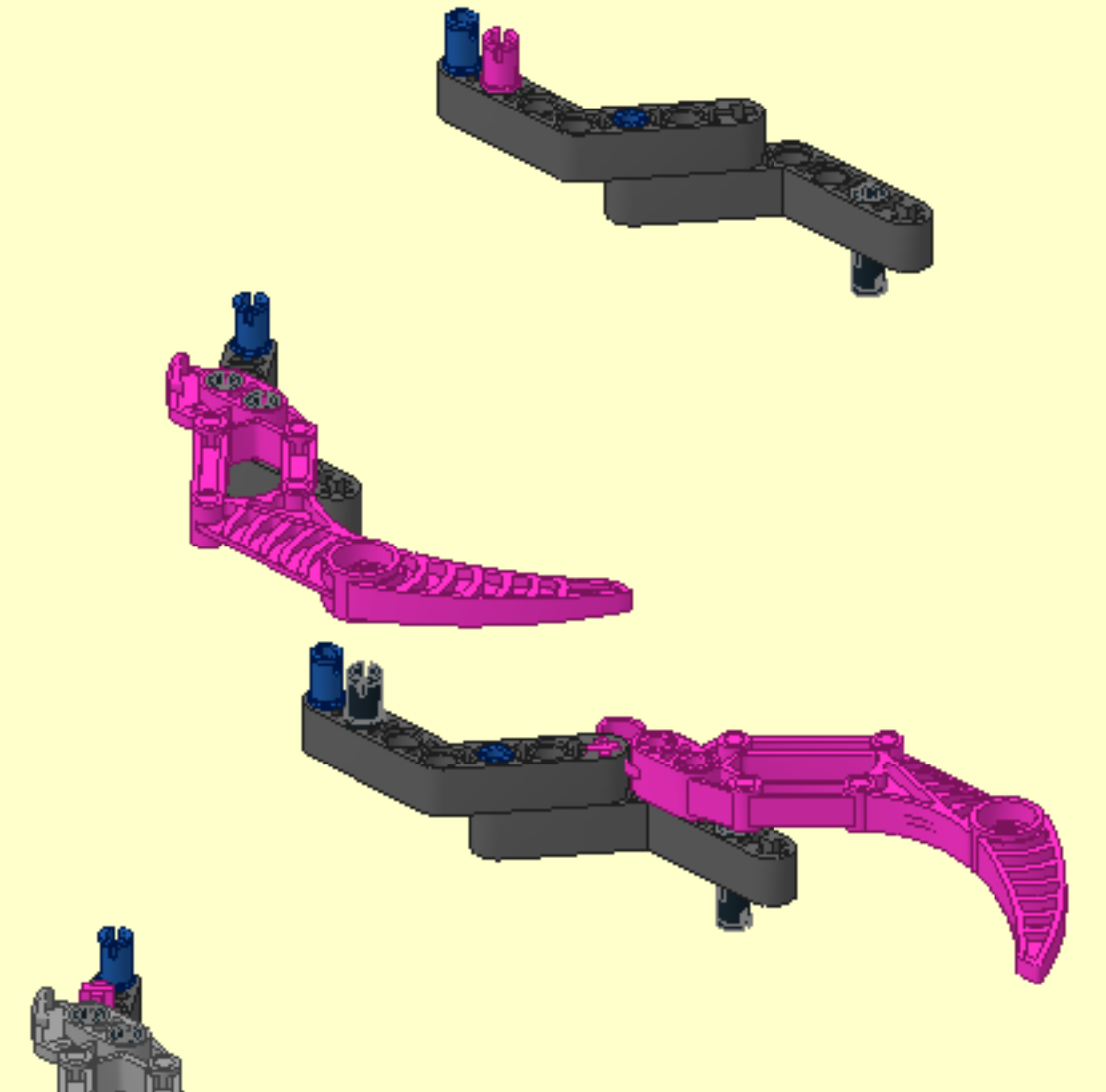


4

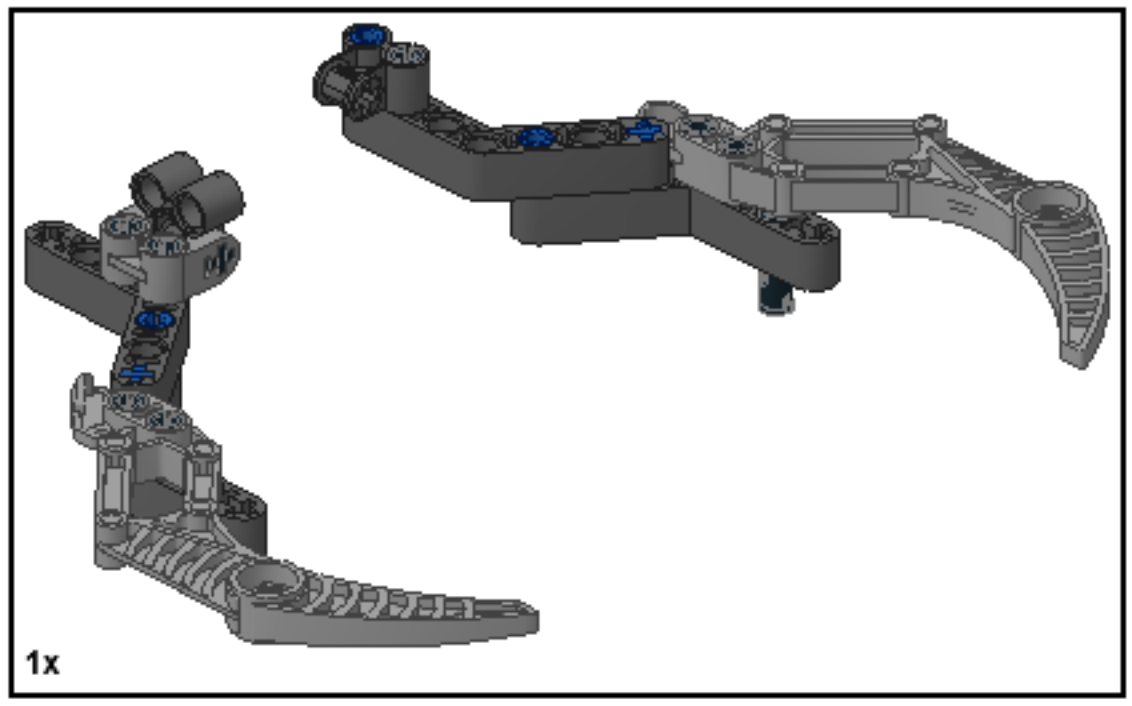


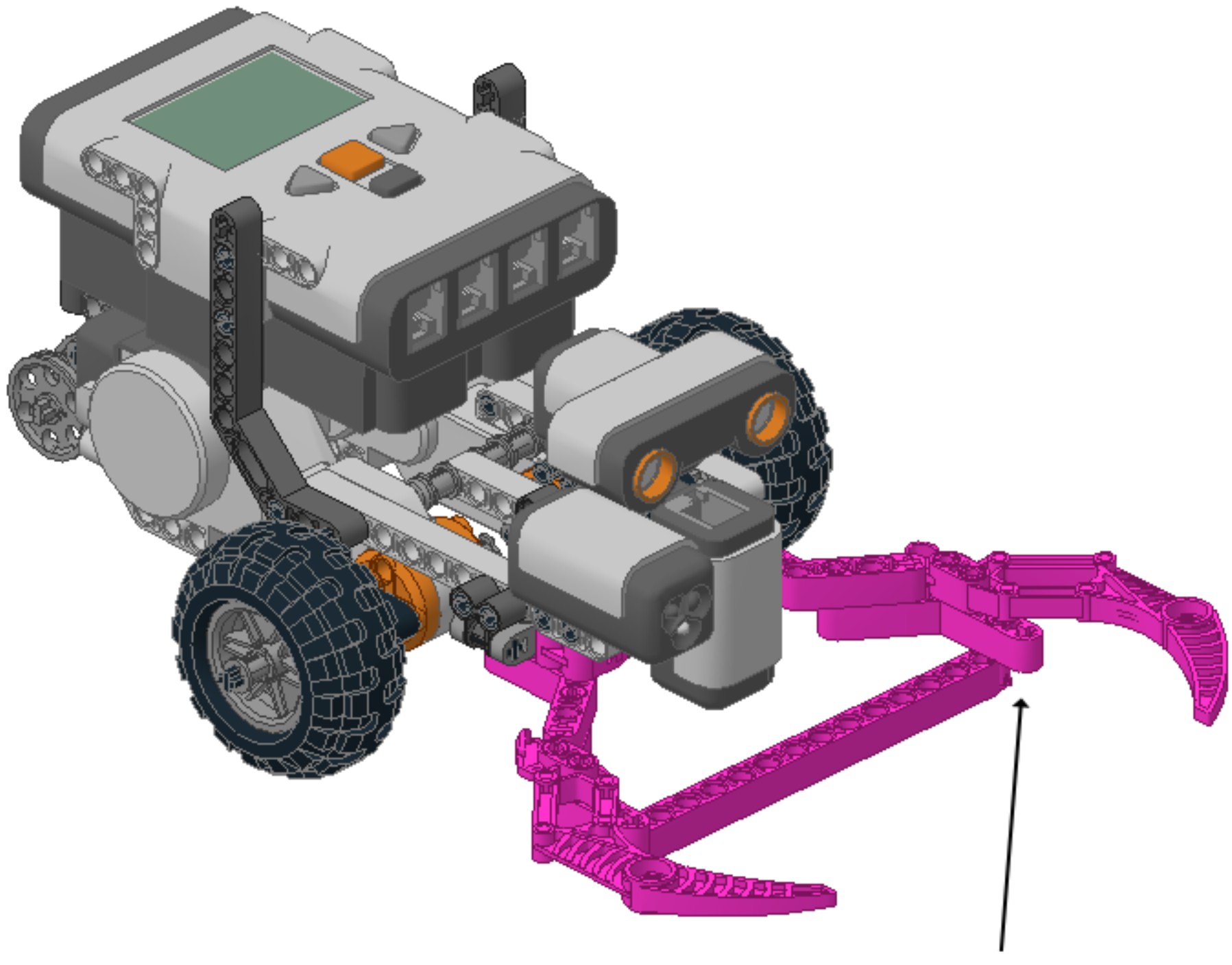
5





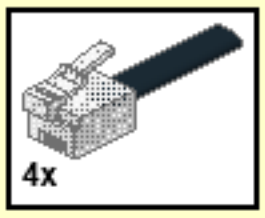
10

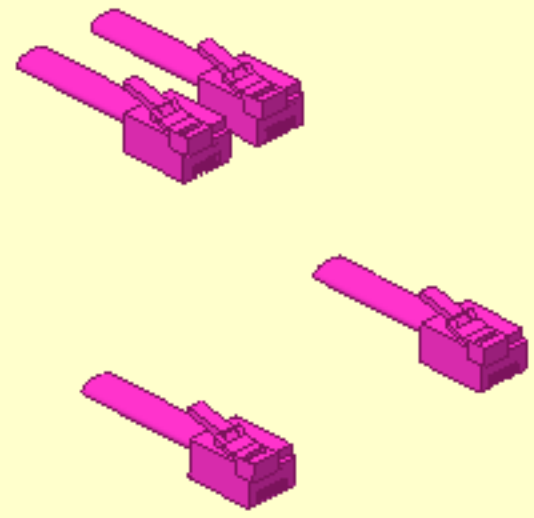




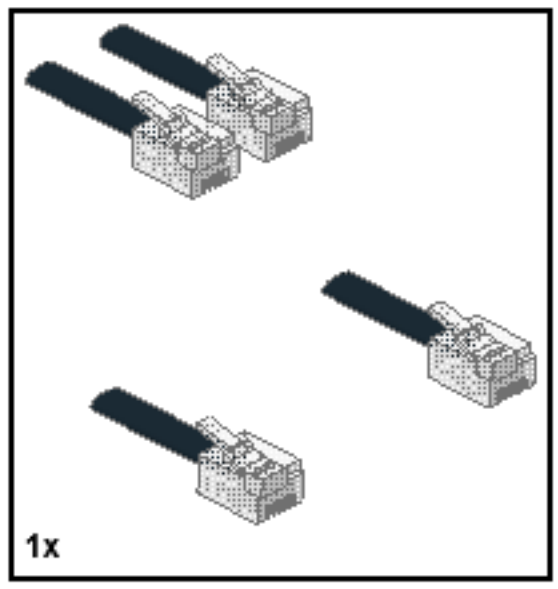
You'll have to bend the left claw arm a little to fit on to the crossbar.

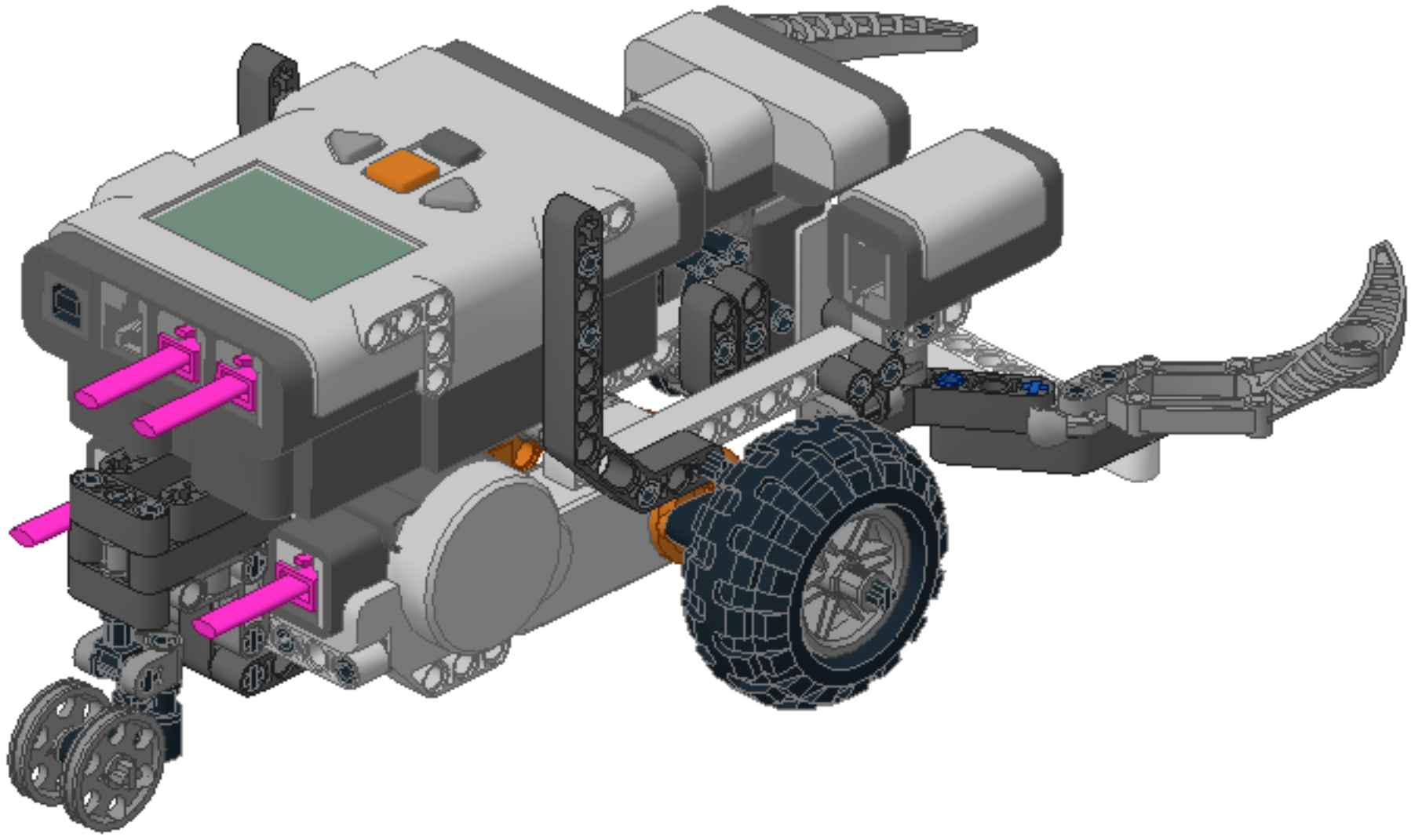
1





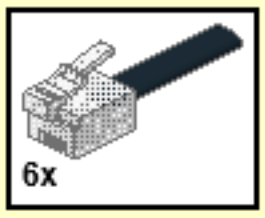
11

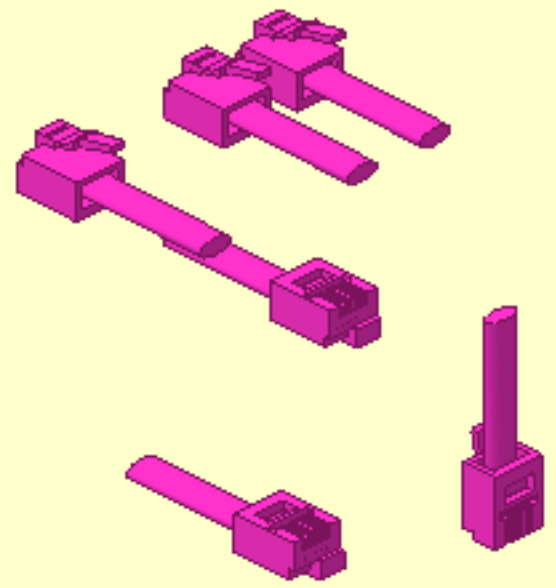




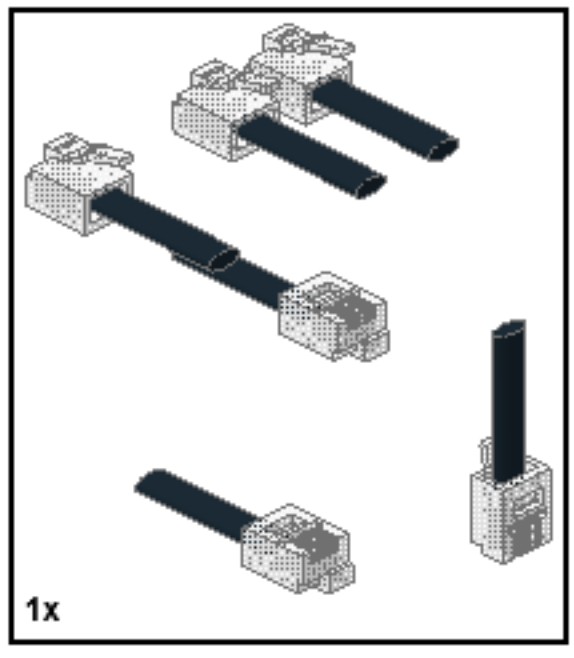
Wire B output to left motor and C output to right motor

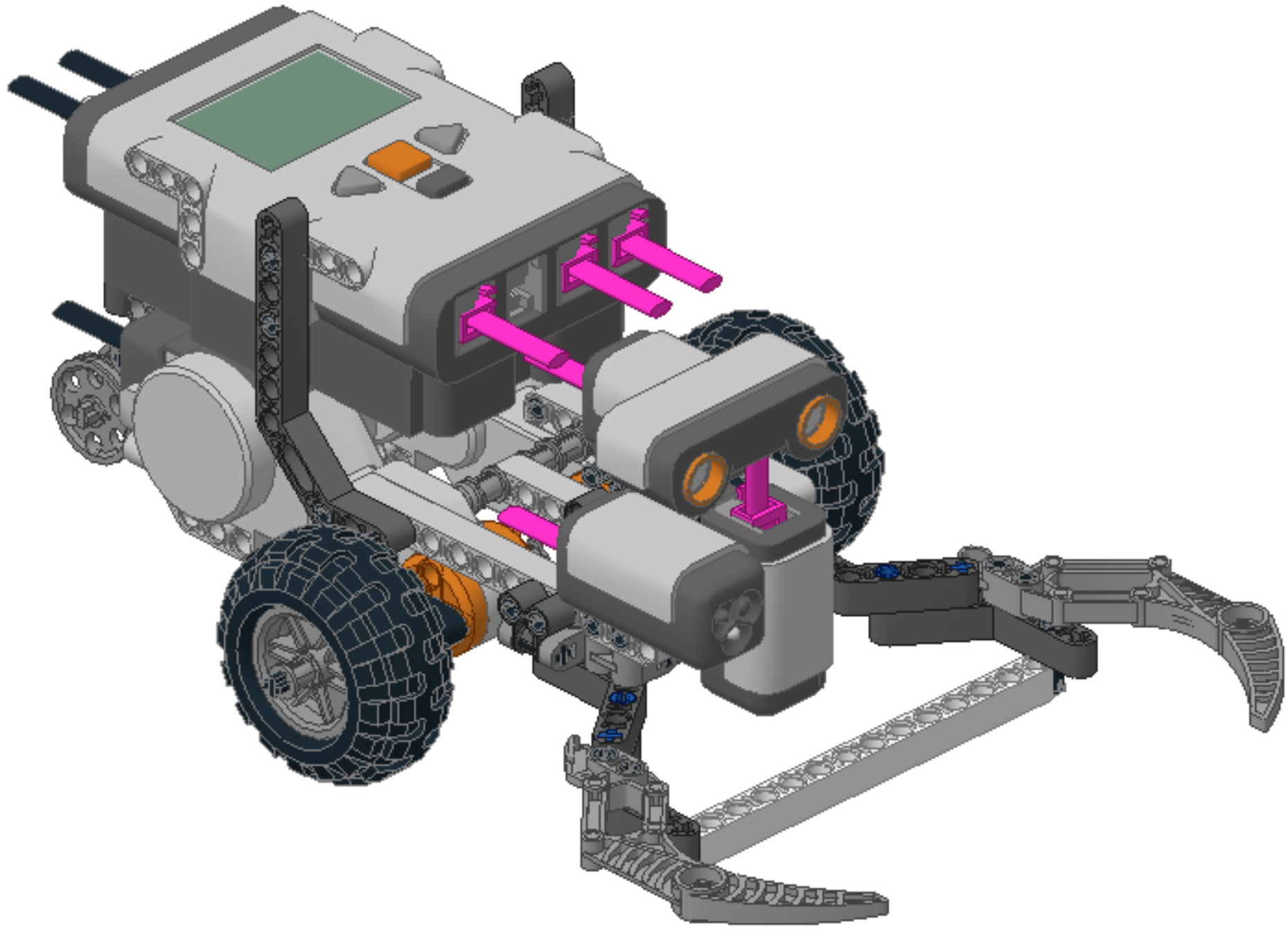
1



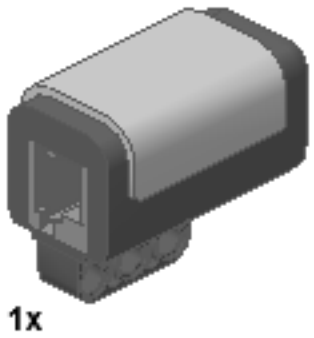


12

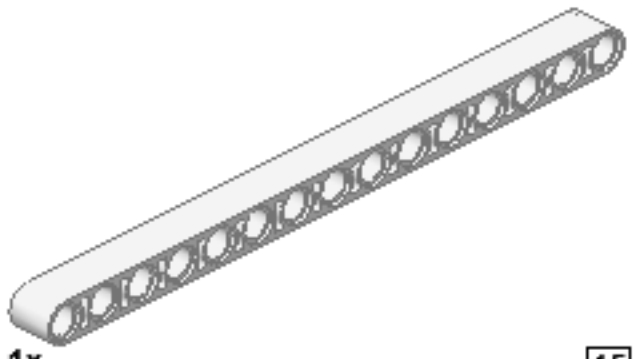




Wire input 1 to RGB sensor, input 2 to ultrasonic sensor, and input 3 to light sensor



1x



1x

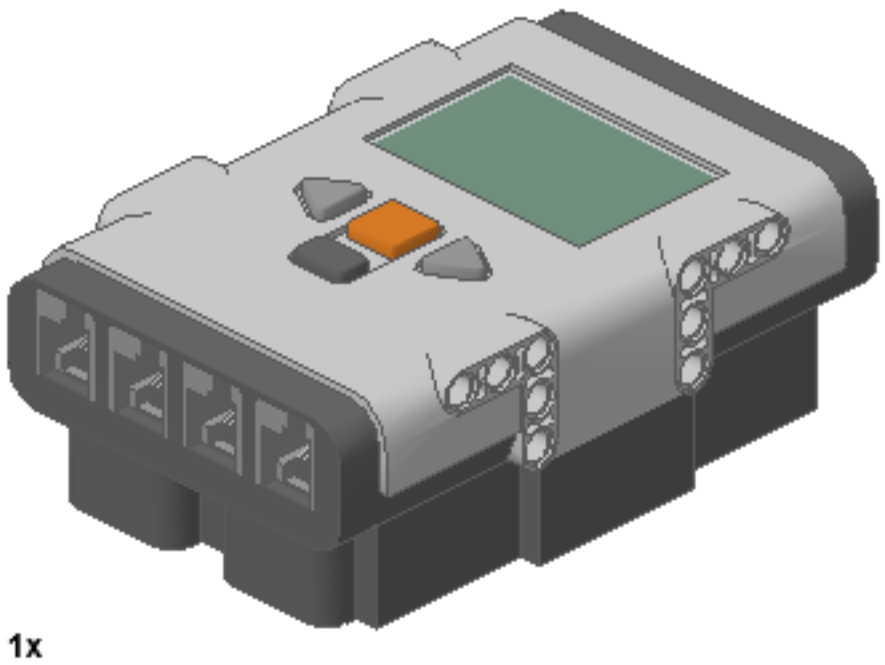
15

6x

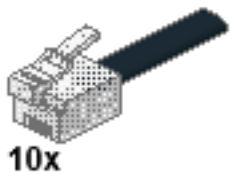
1x

4

1x



1x



10x

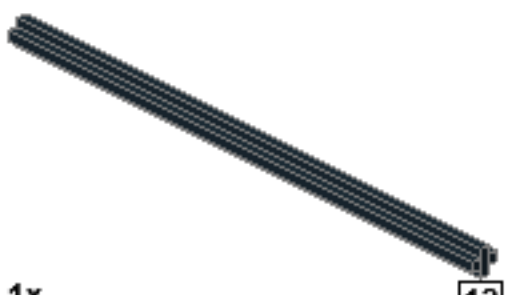
2x

4x

2

4x

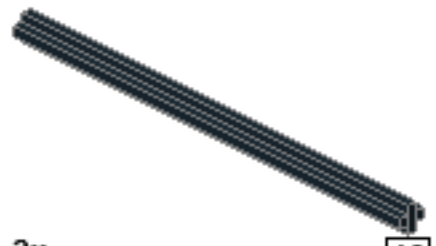
1x



1x

12

1x



2x

10

2x

2x

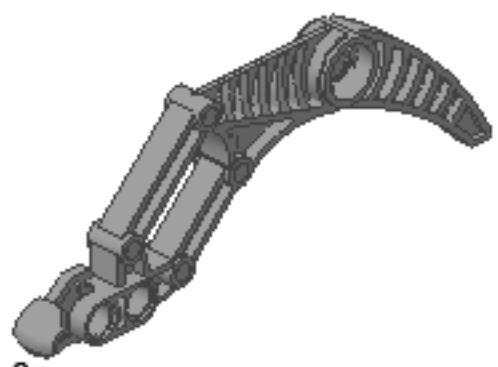
2x

3

28x

10x

2x

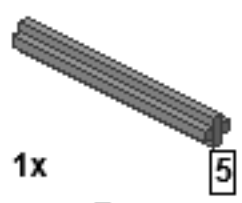


2x

8x

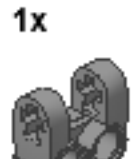
2x

2x



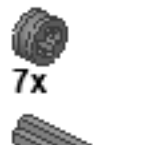
1x

5



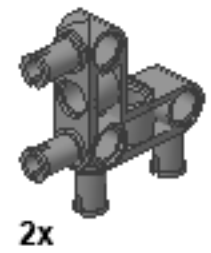
4x

7x



3x

3

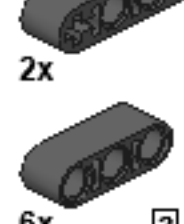


2x

2x

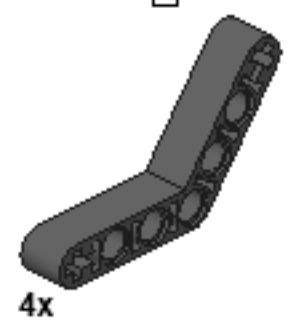
5

3x

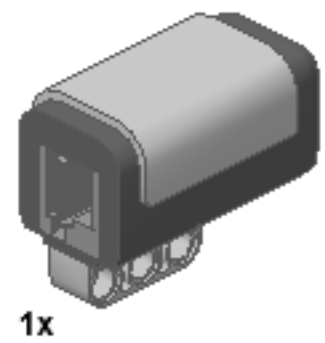


6x

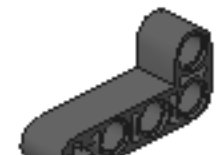
3



4x



1x

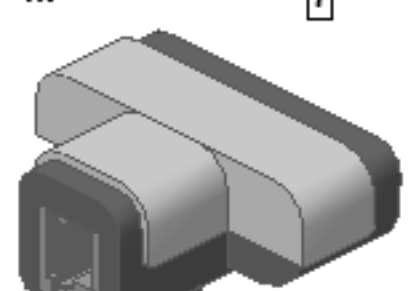


3x

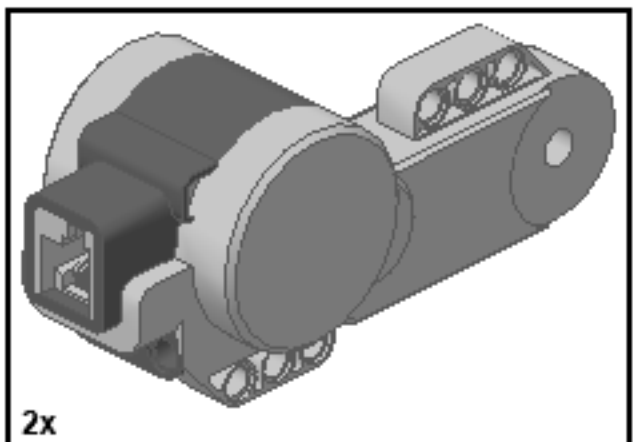
1x

1x

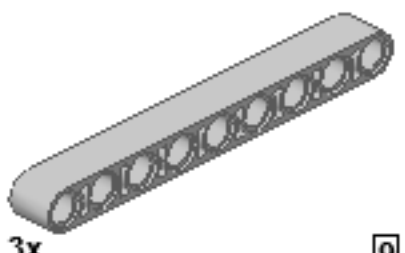
7



1x



2x



3x

9