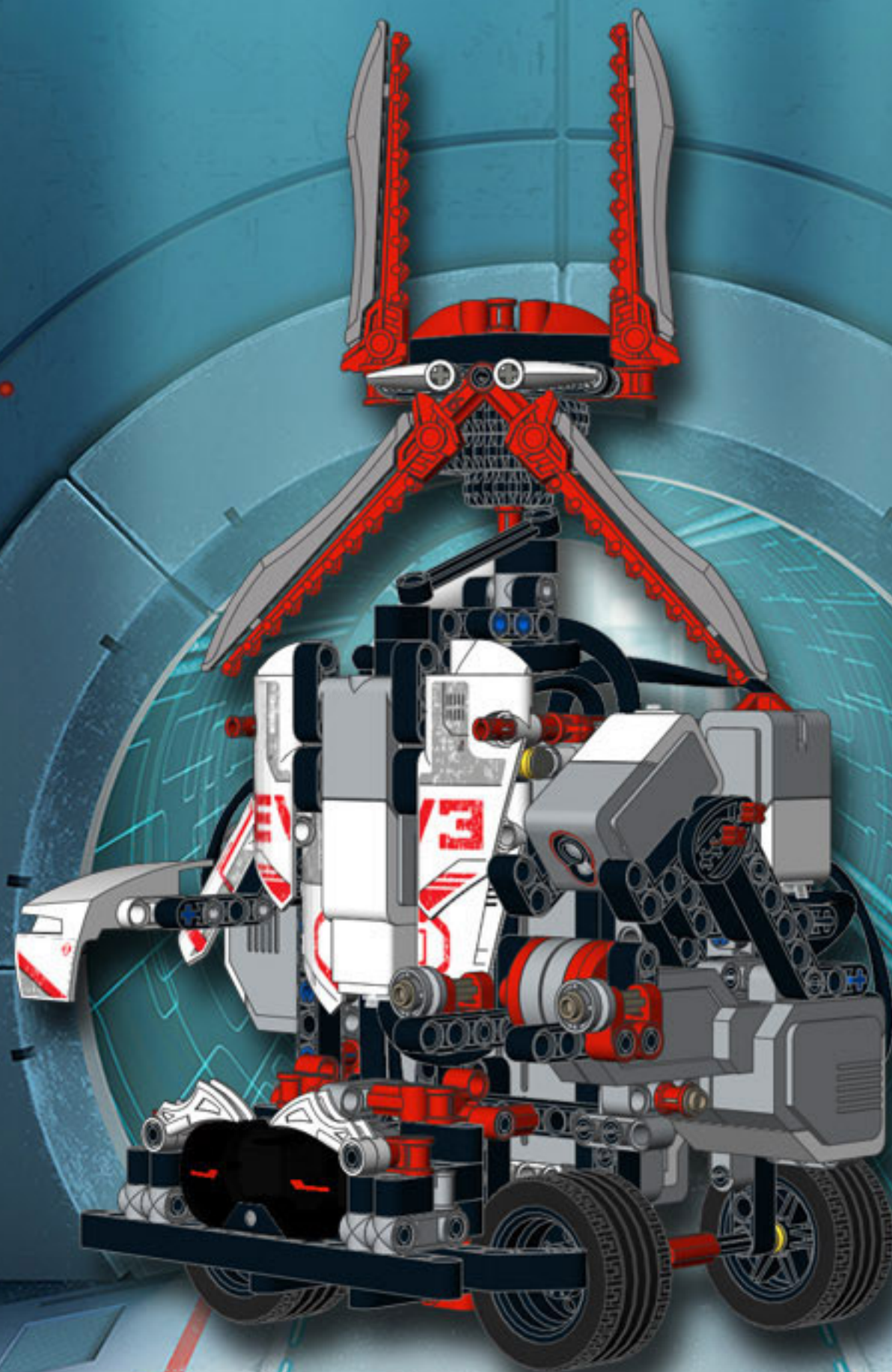


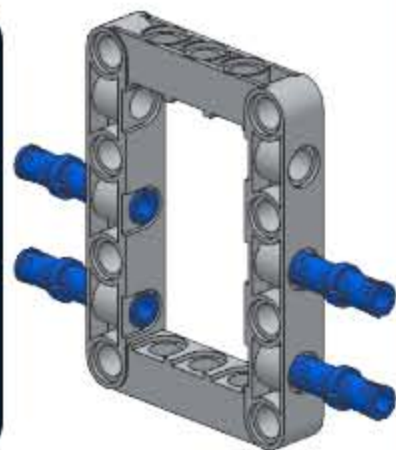
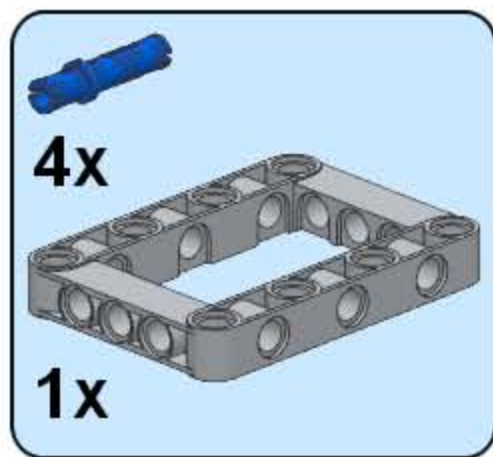
SORT3R



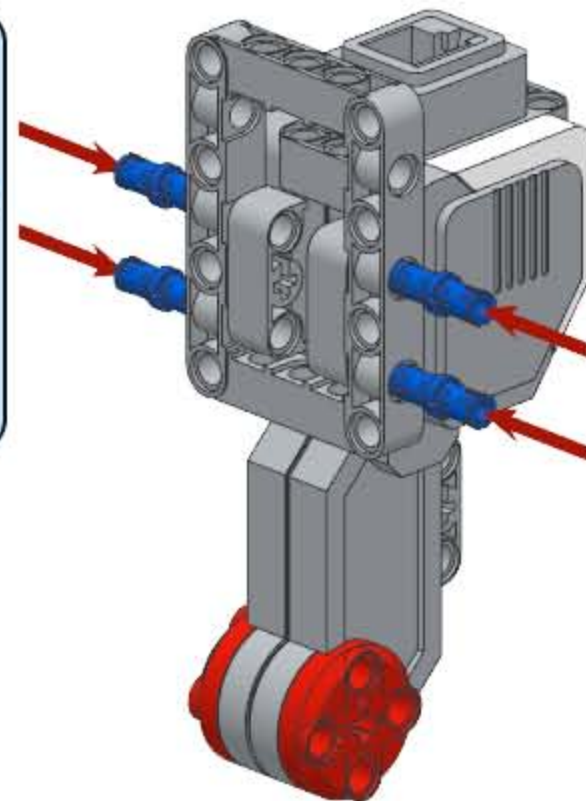
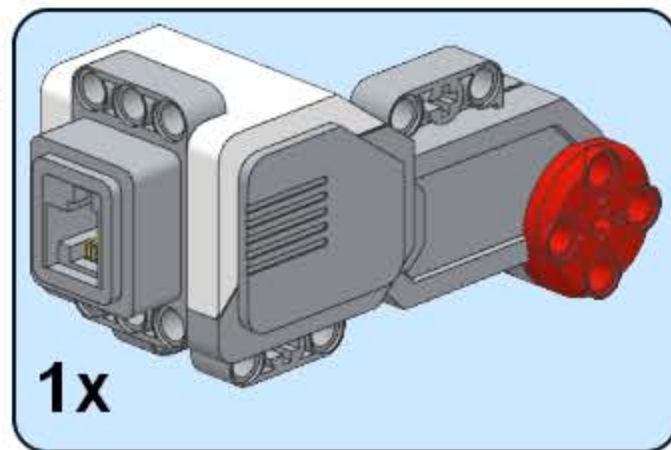
Robot building instructions

by Philippe «Philo» Hurbain

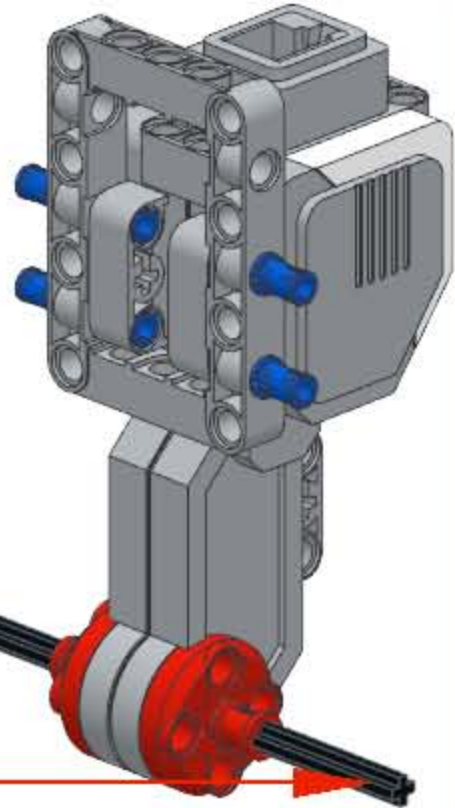
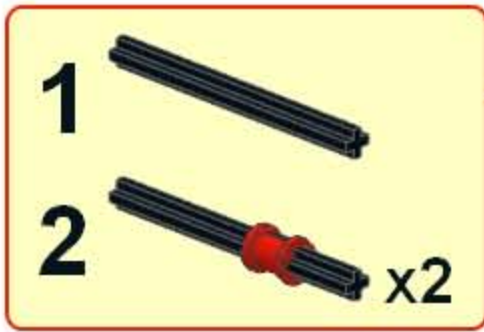
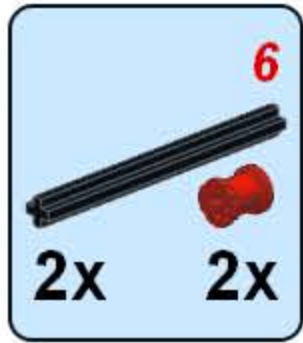
1



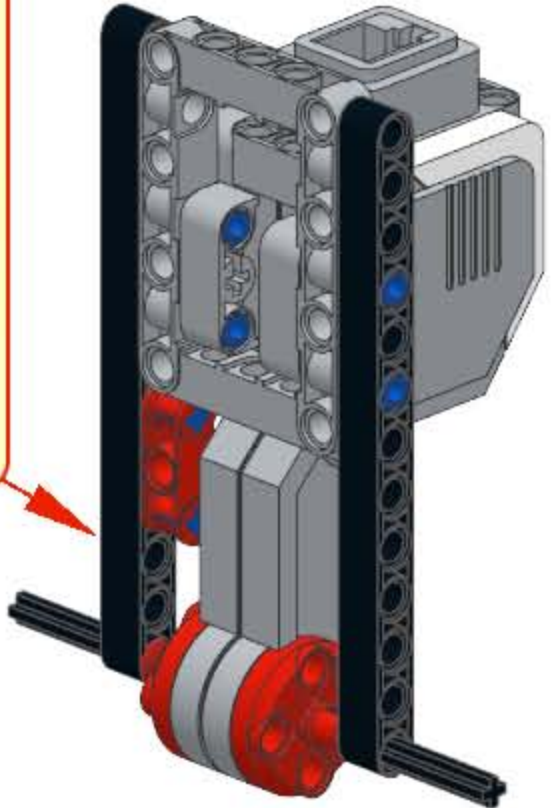
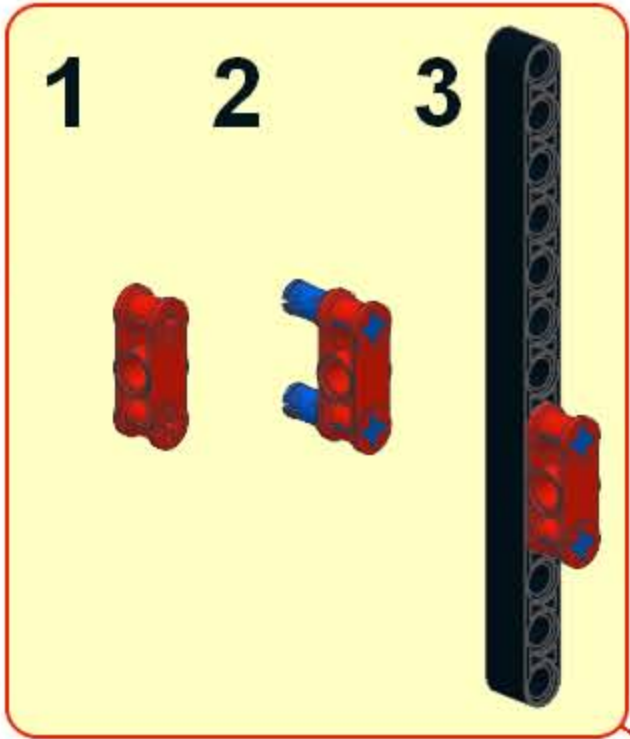
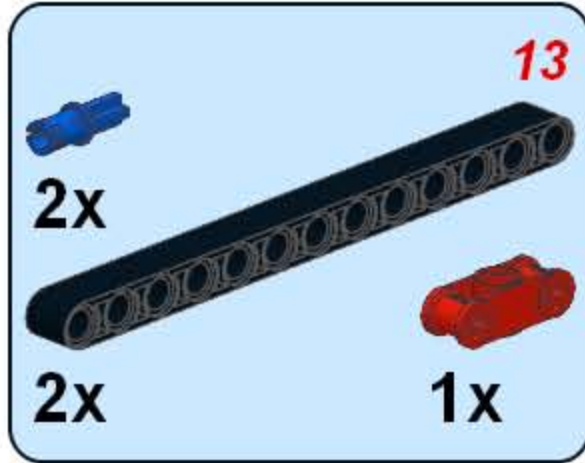
2



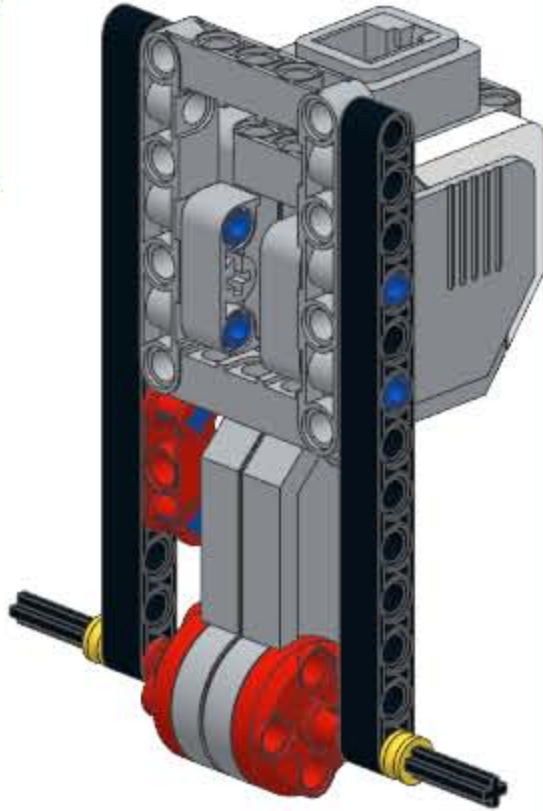
3



4



5



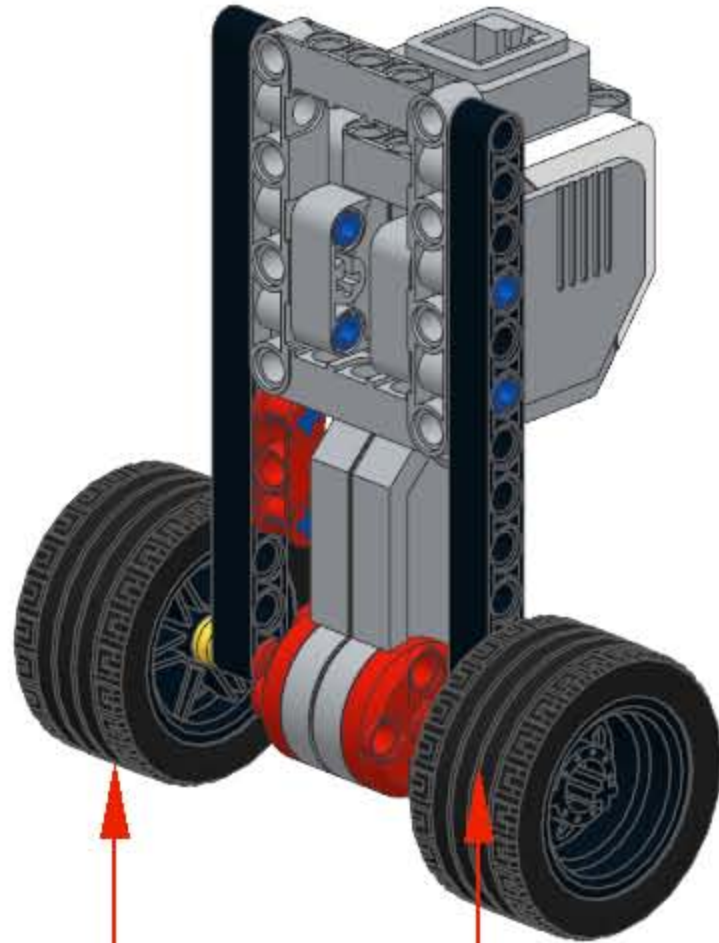
6



2x



2x



1

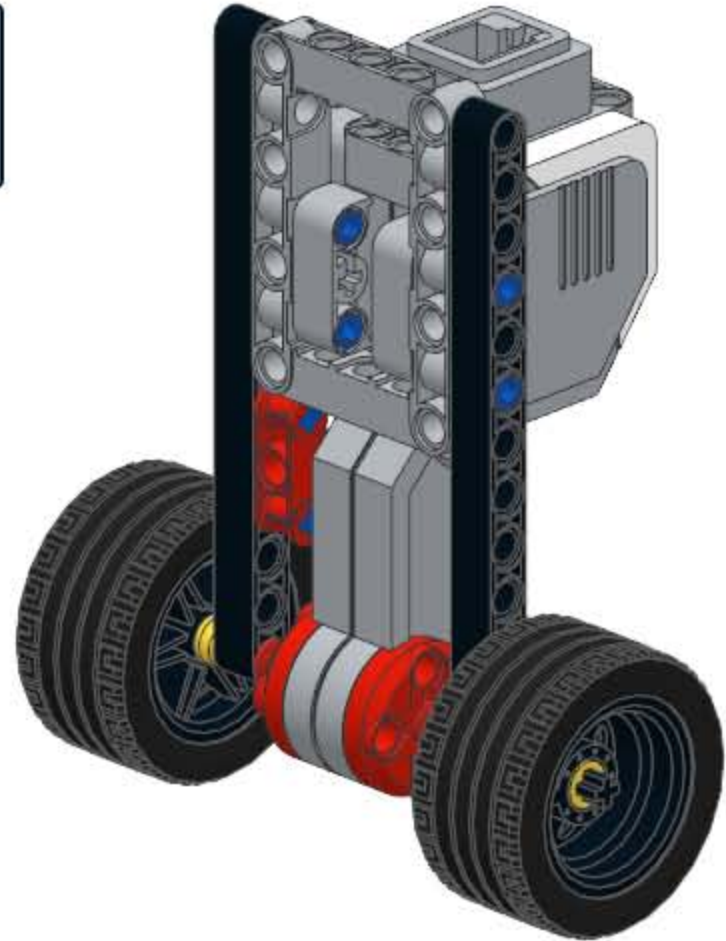


2



x2

7



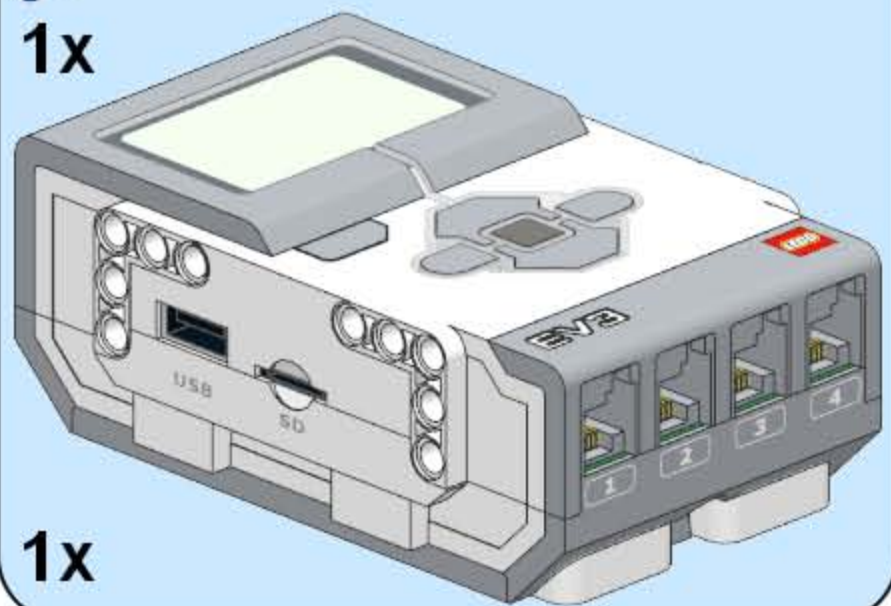
1



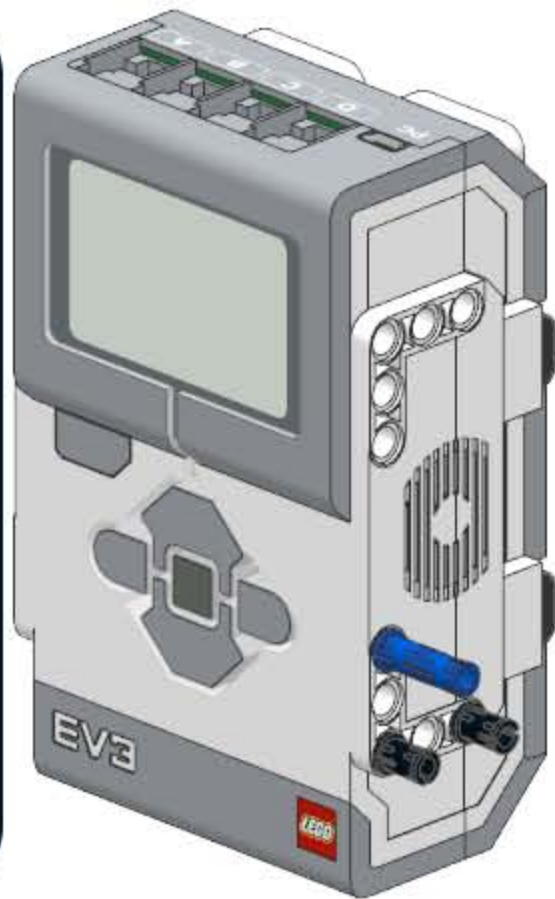
2x



1x



1x



2



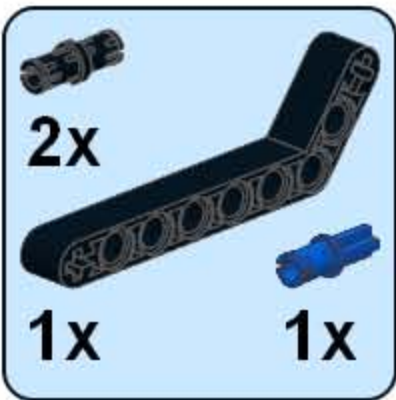
1x



1x



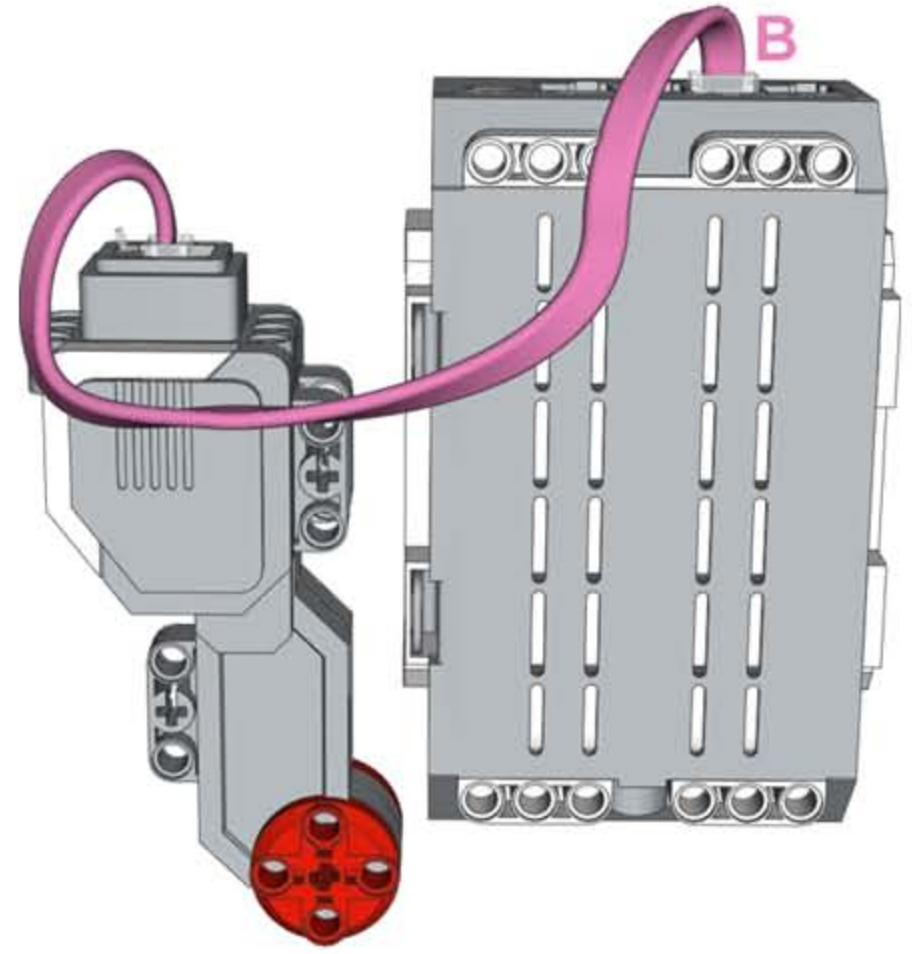
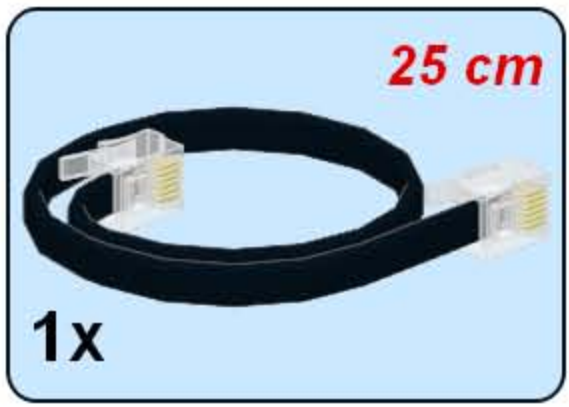
3



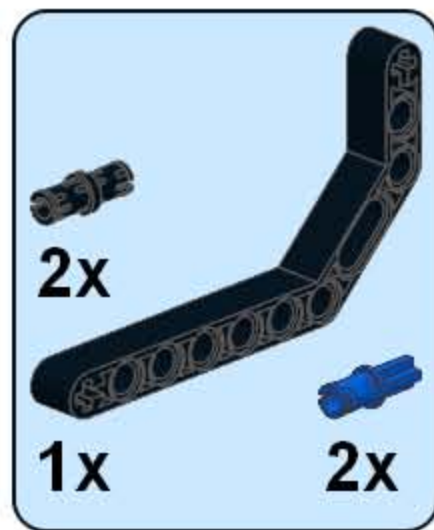
1



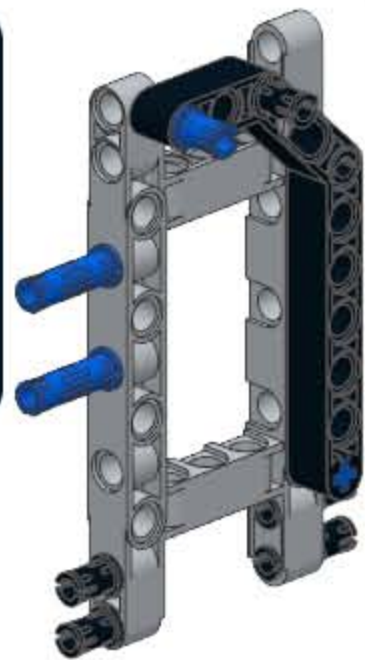
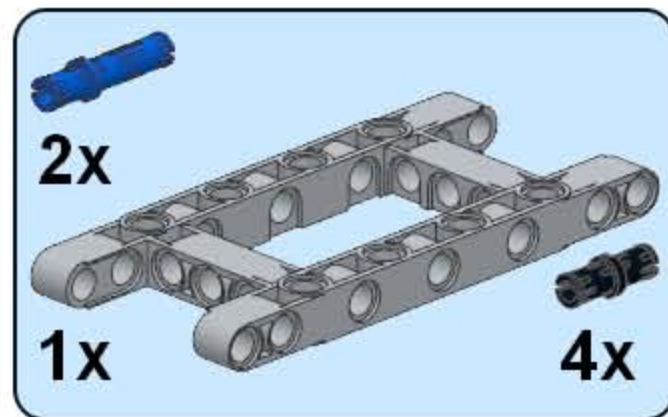
2



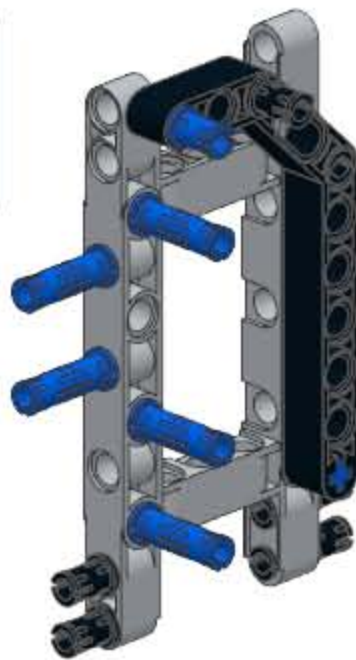
1



2



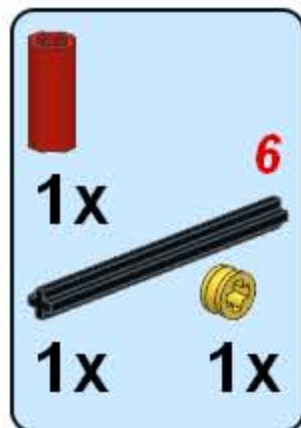
3



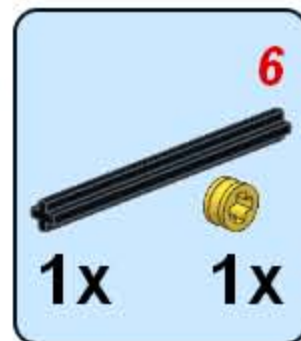
4



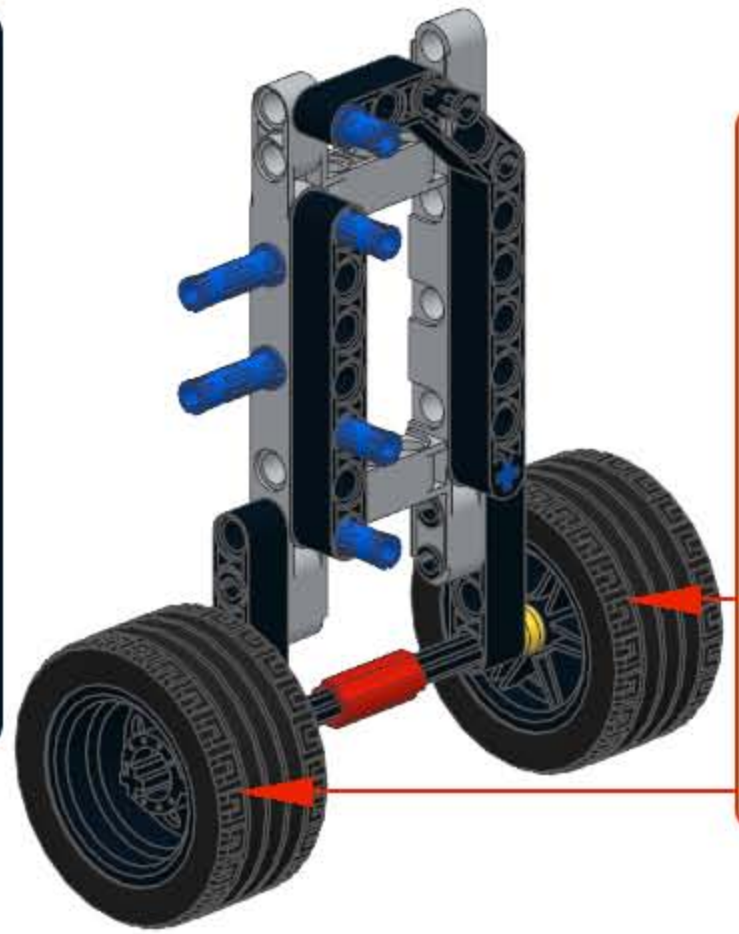
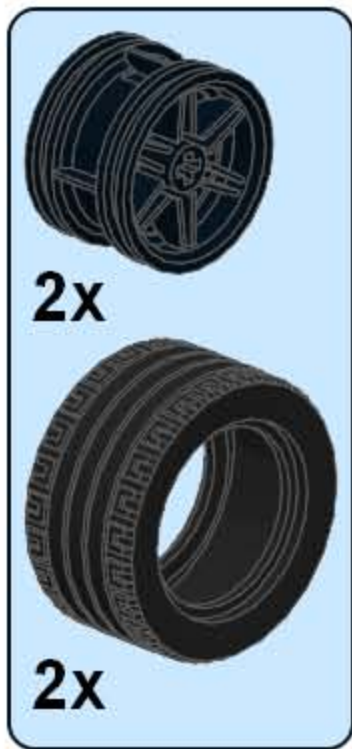
5



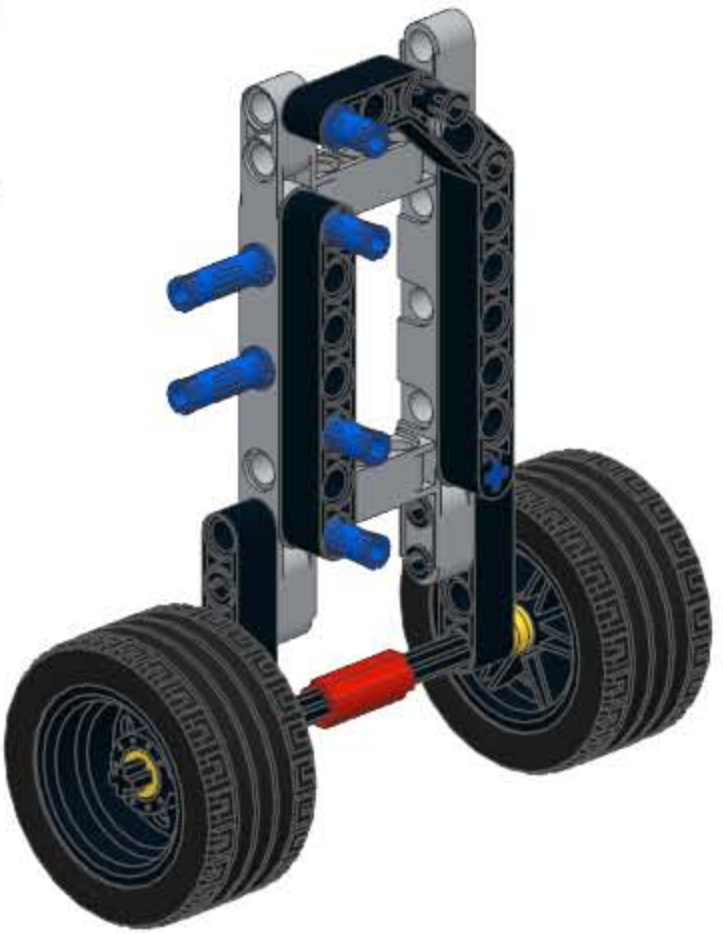
6



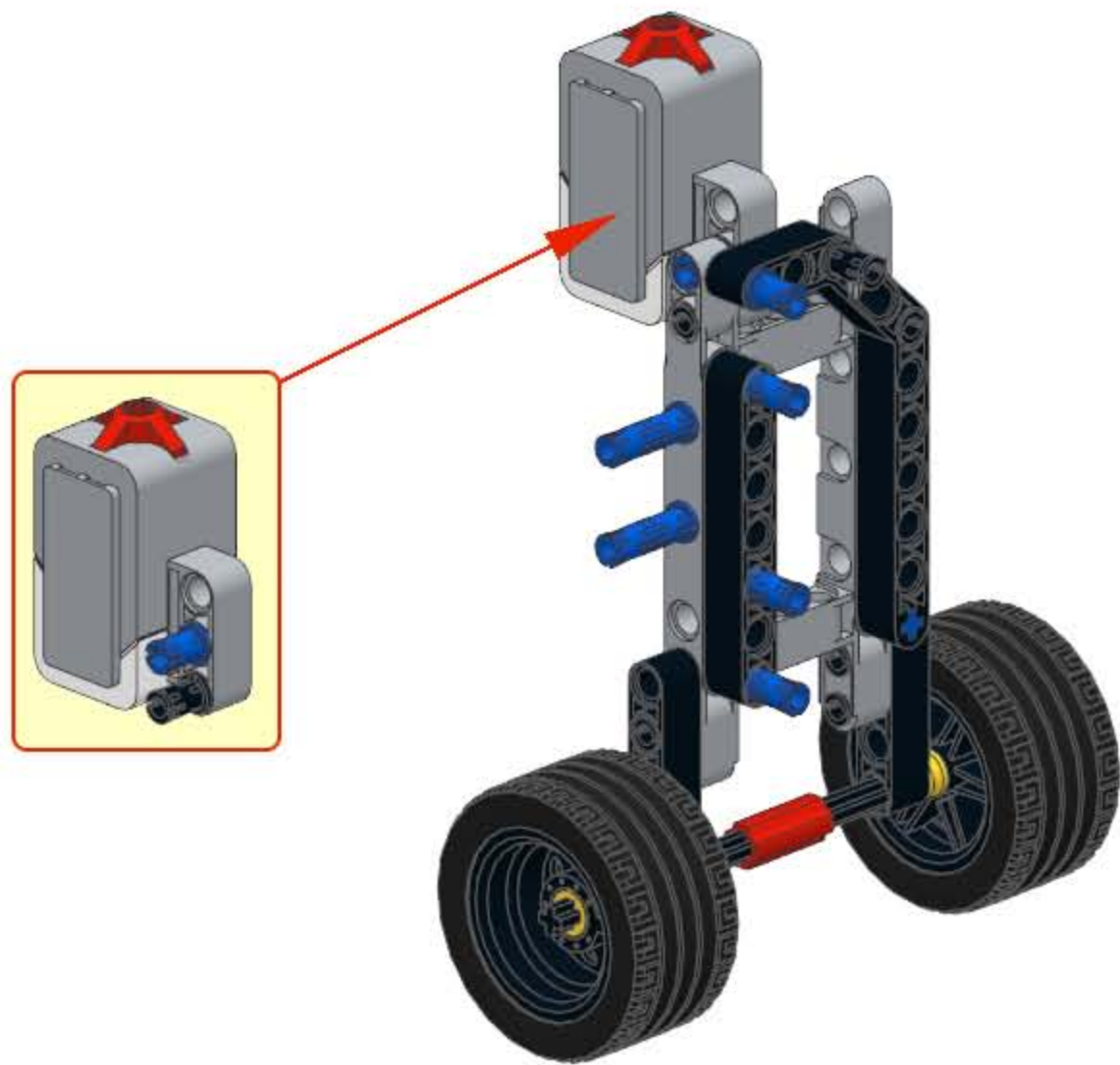
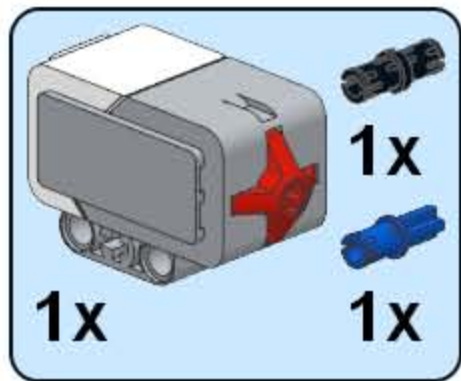
7



8



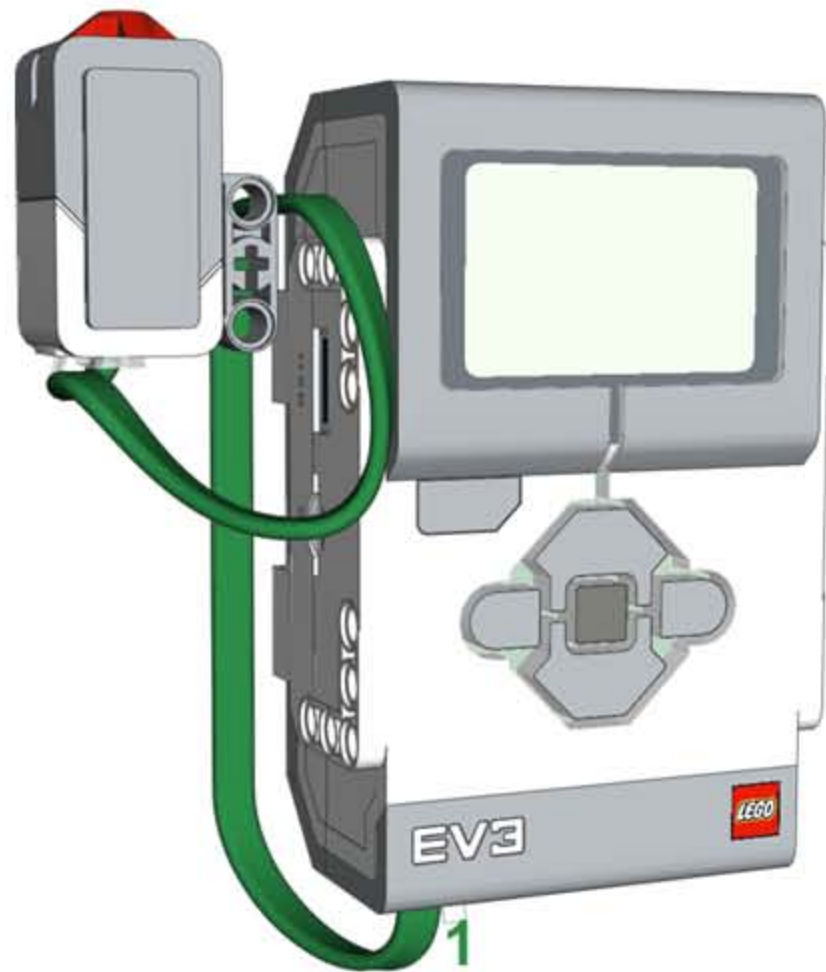
9

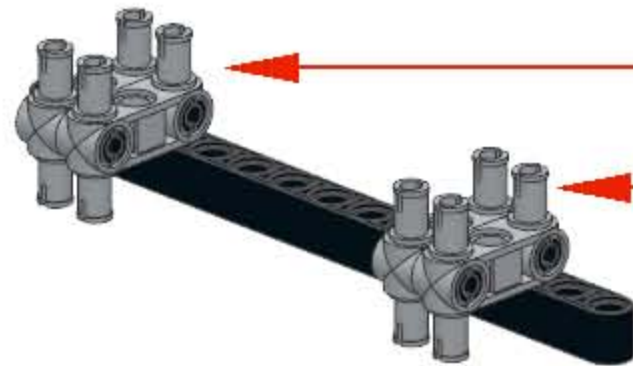
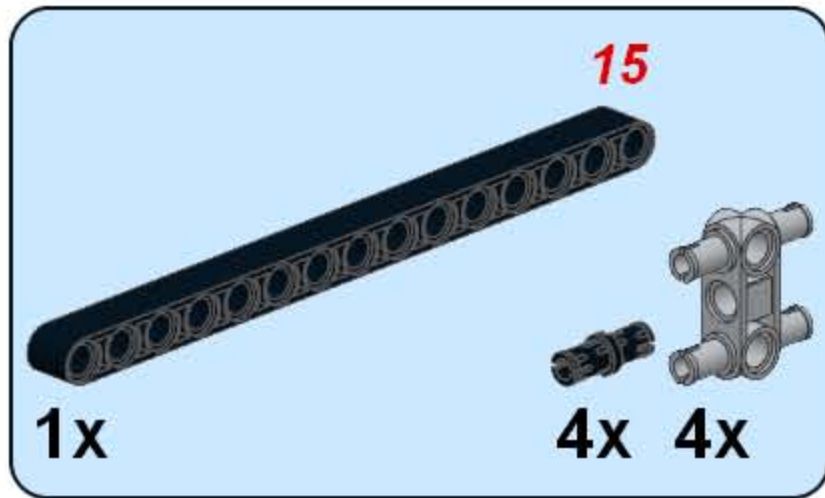


3

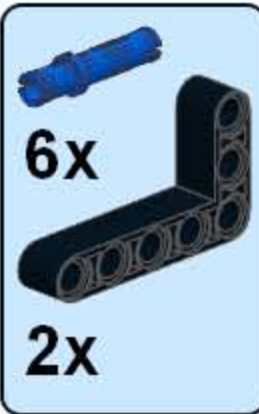
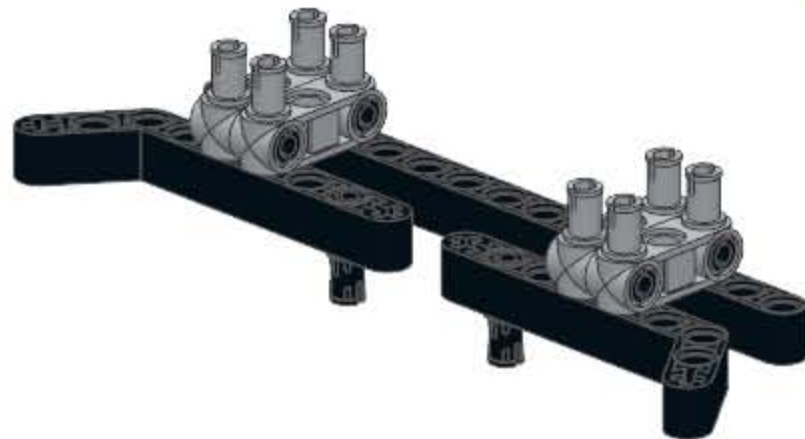
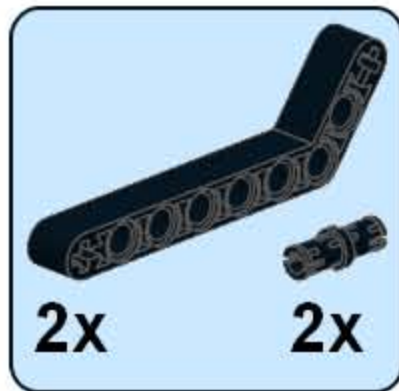


4

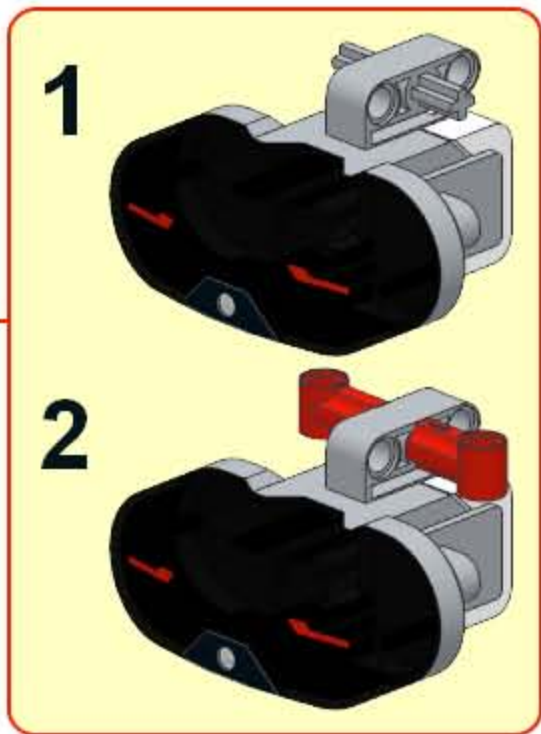
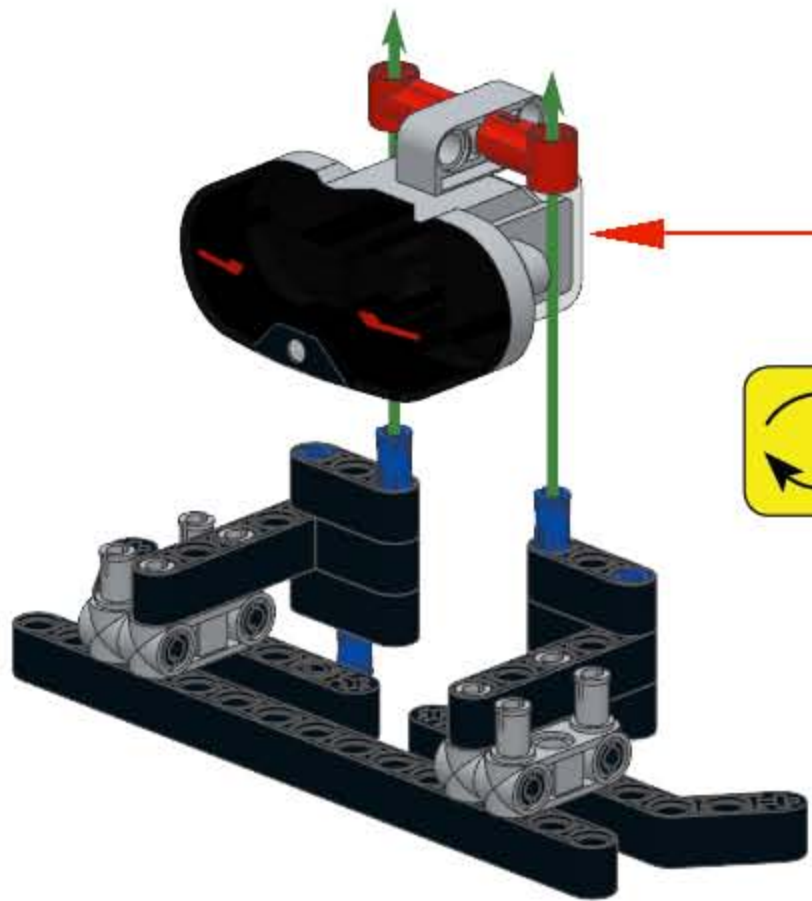
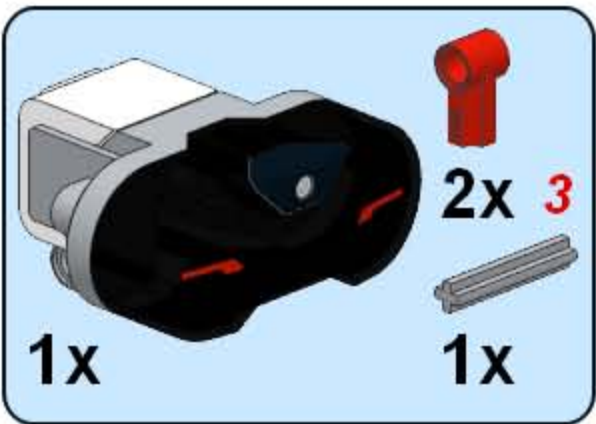


1**1****2****3**

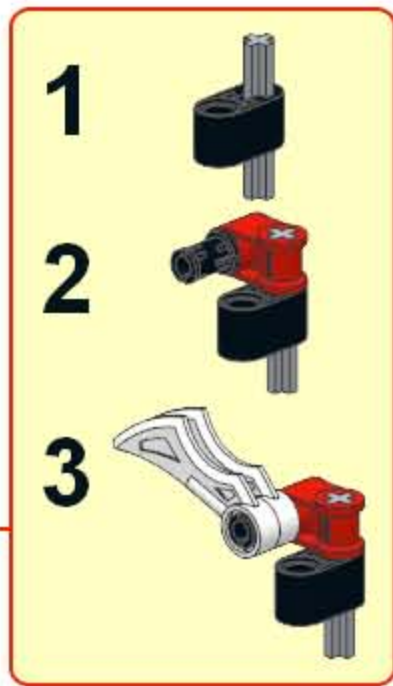
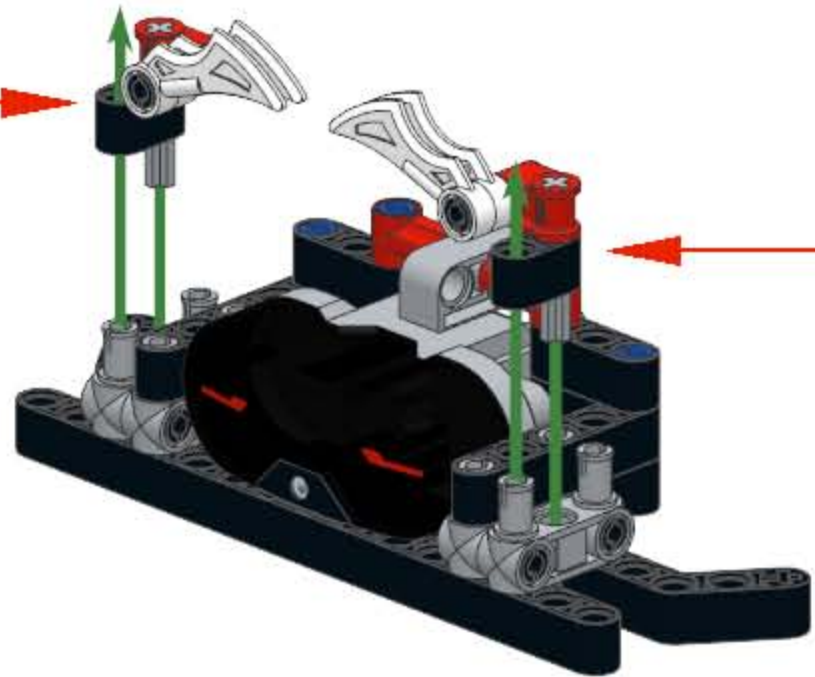
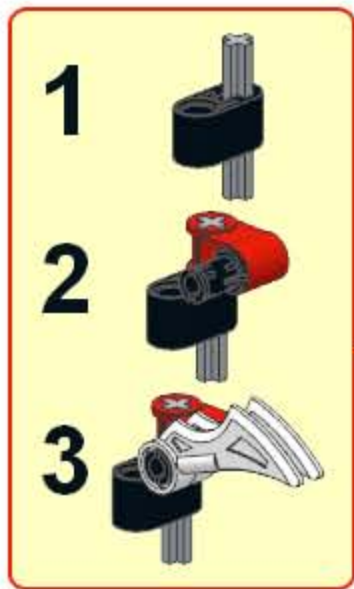
x2

3**2****4**

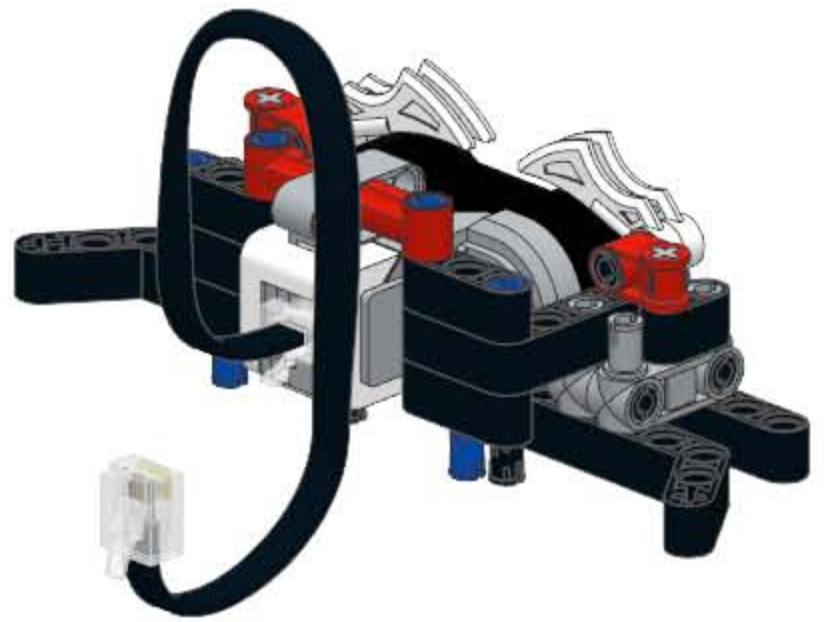
5







6

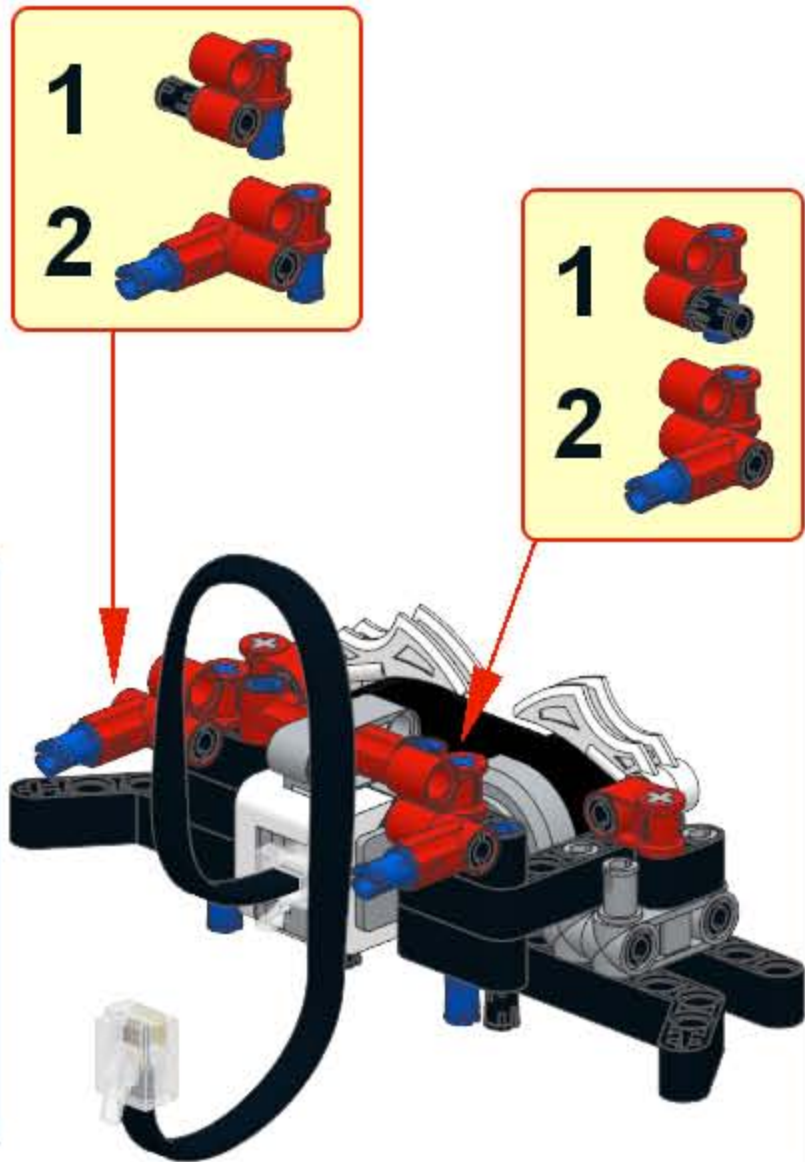


7







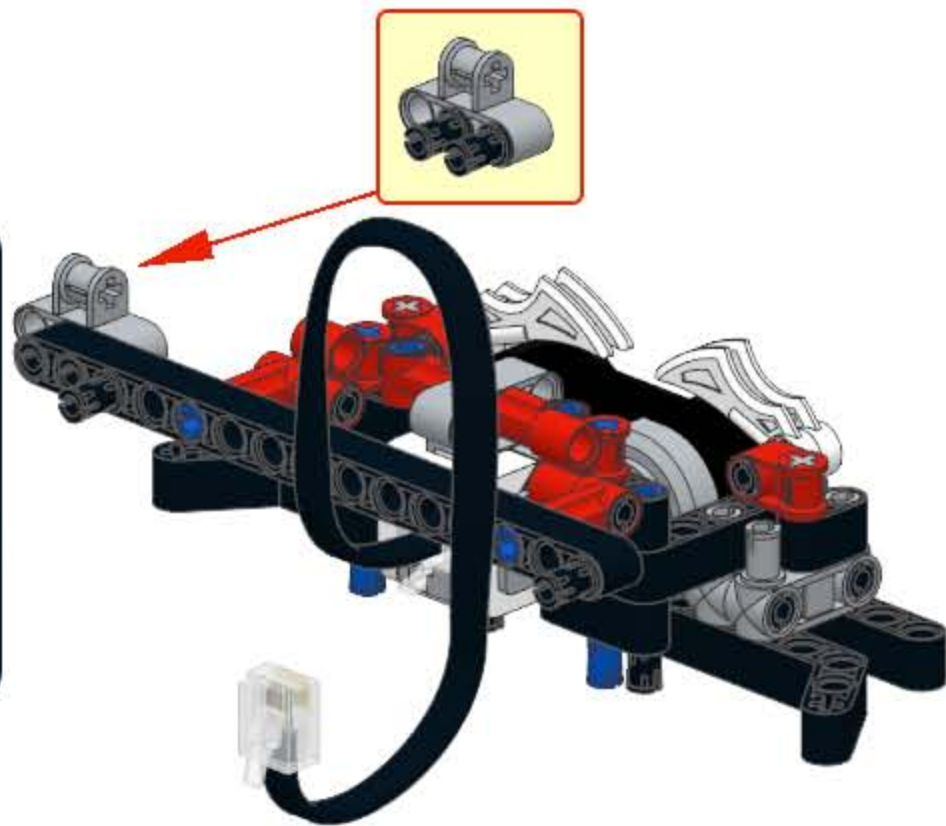
8

- 2x 
- 4x 
- 2x  2x 

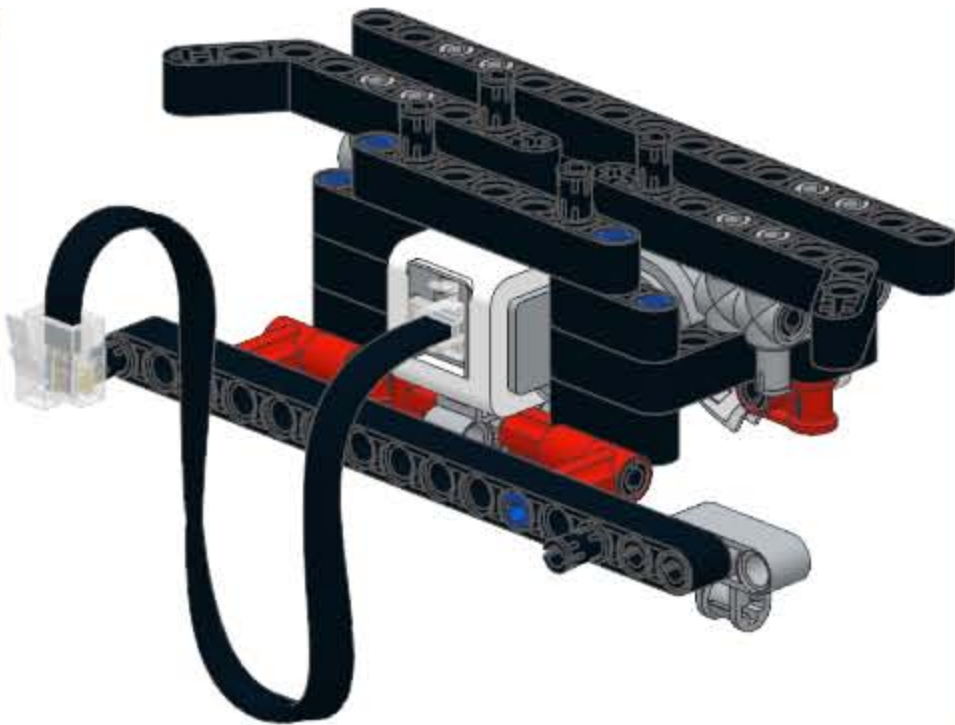


9

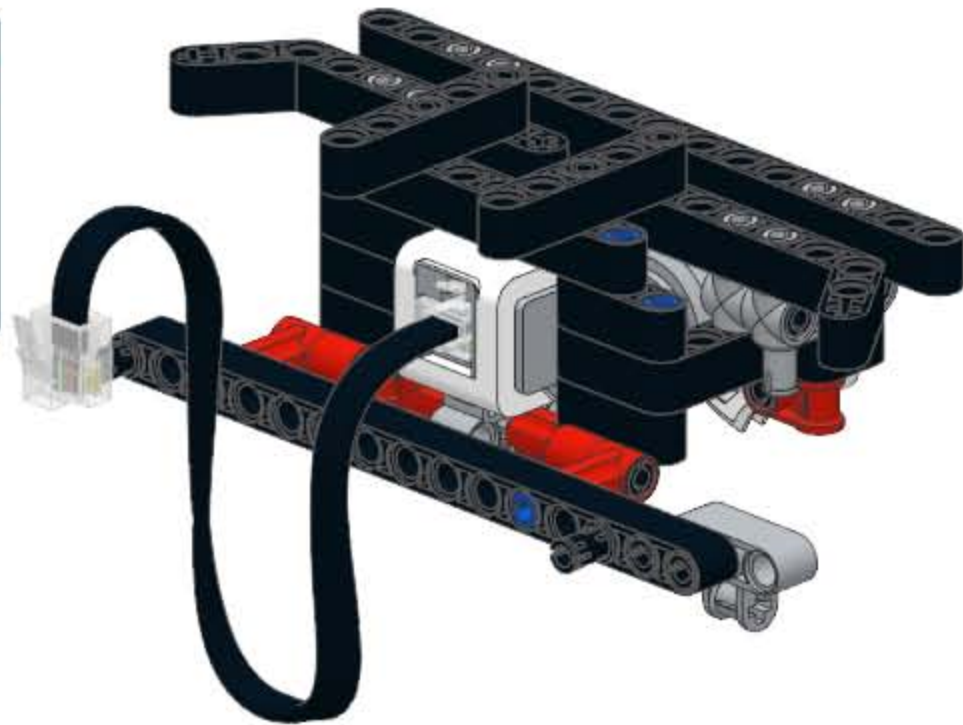
- 4x 
- 15 
- 1x 
- 1x 



10



11



12

- 2
2x
- 2x
- 2x
- 2x
- 7
- 2x
- 4x

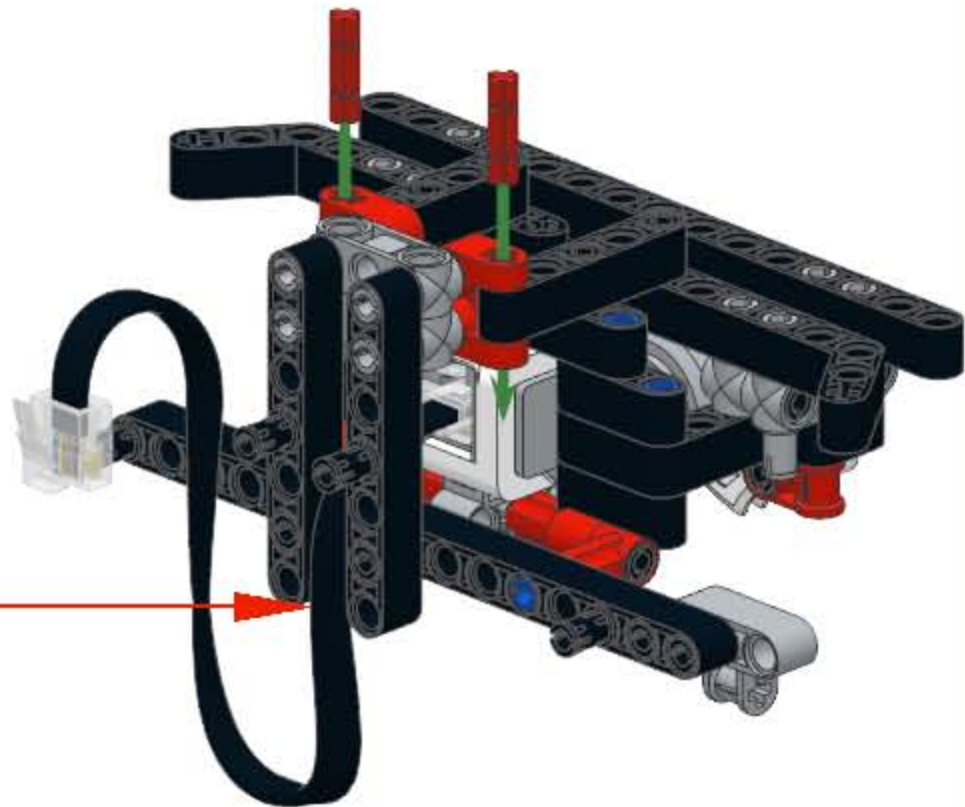
1



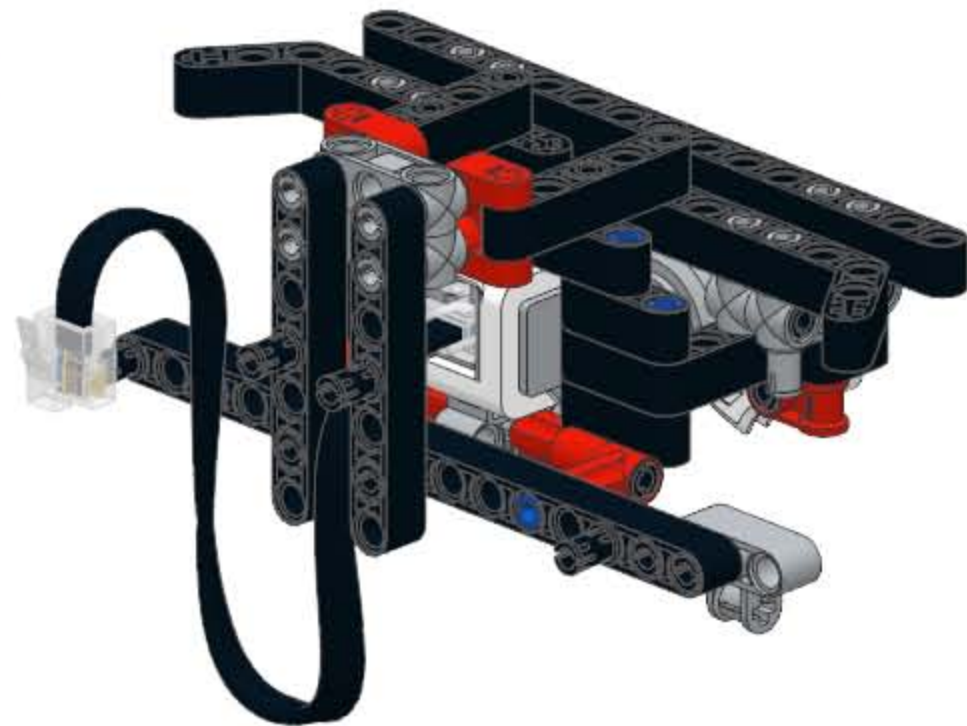
2



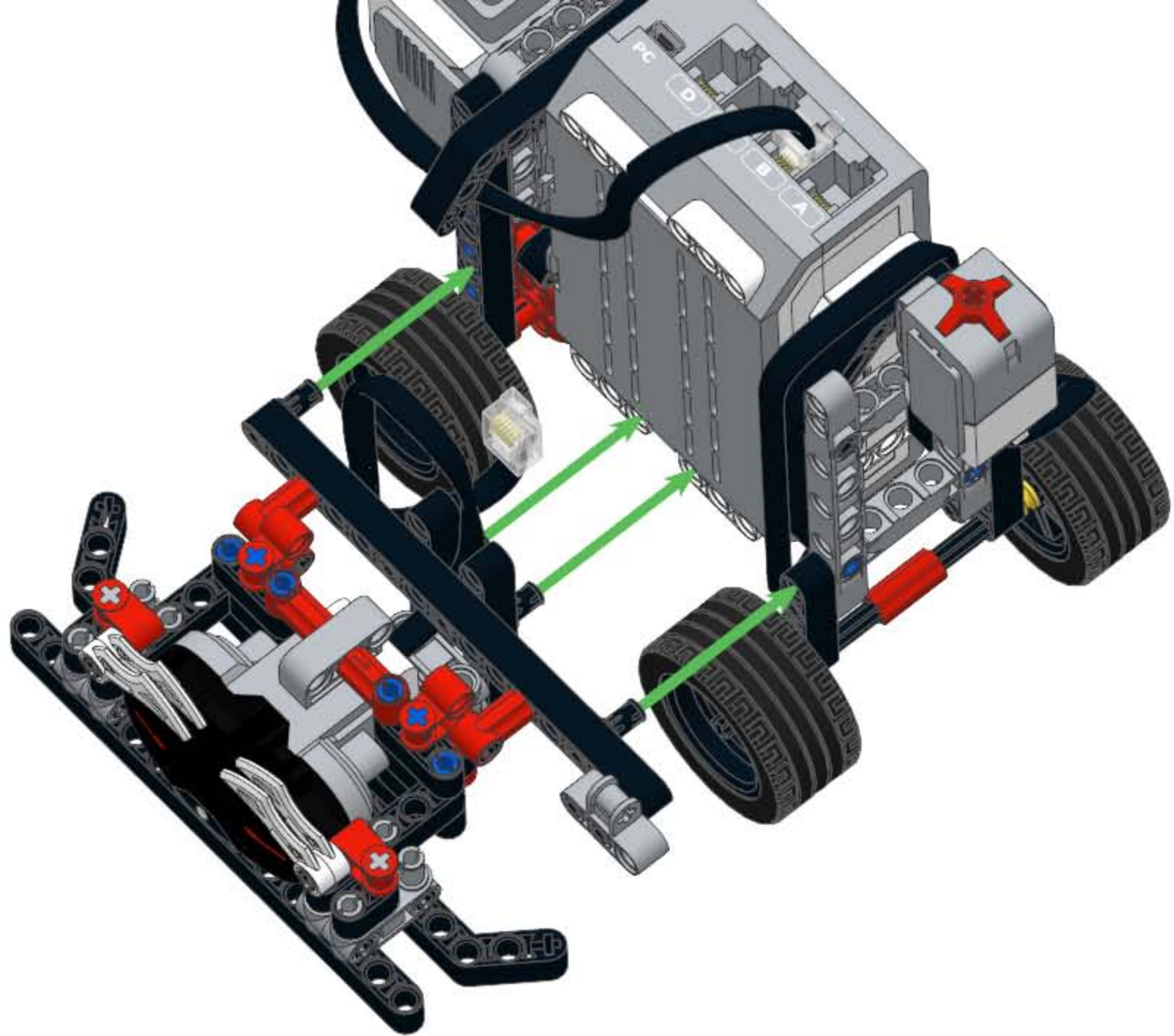
3



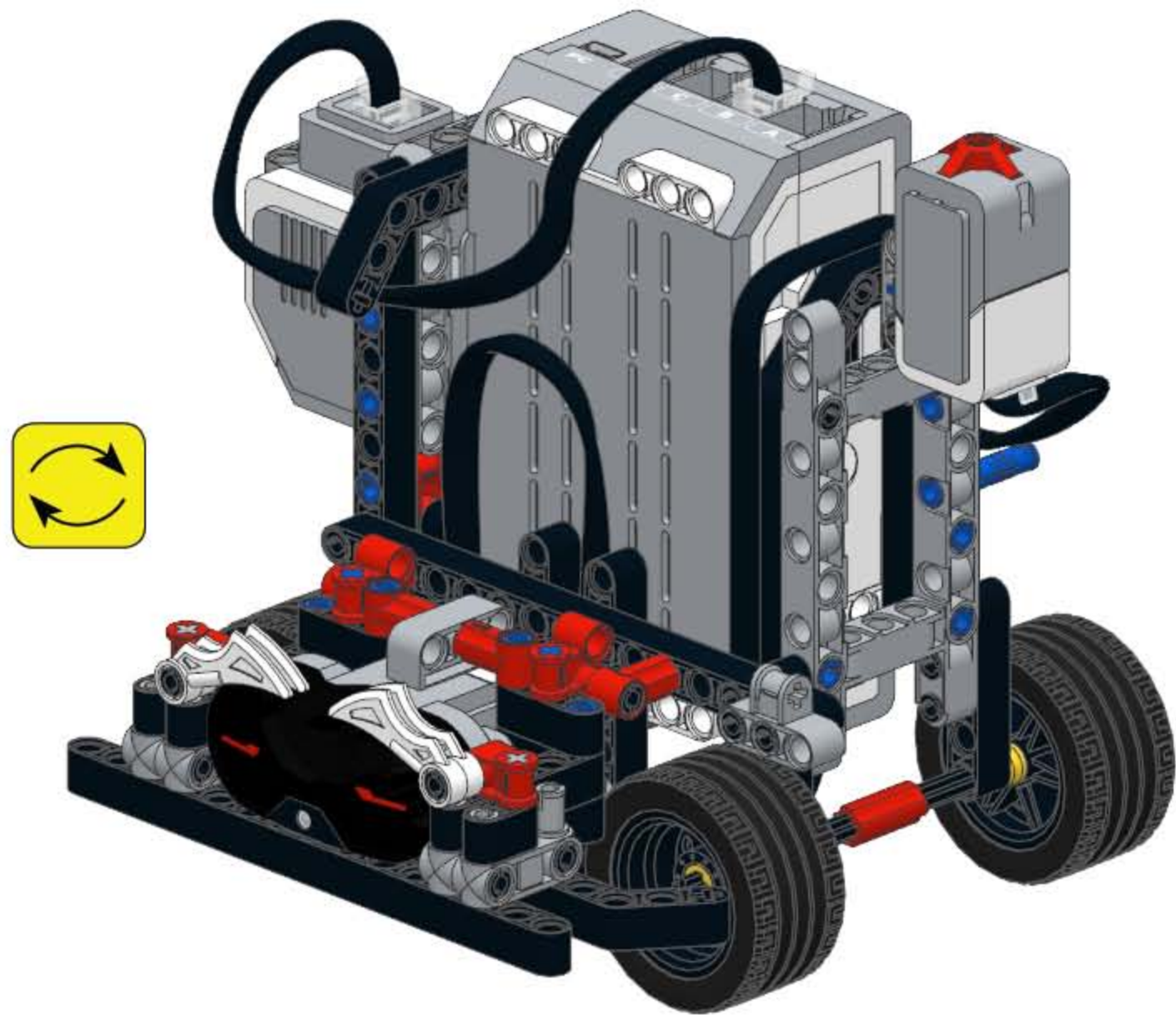
13

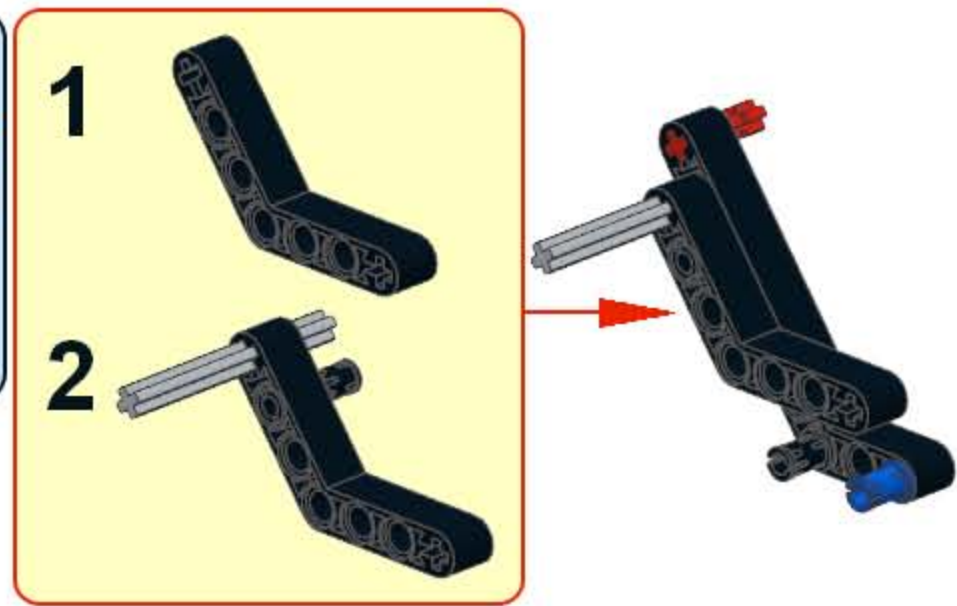
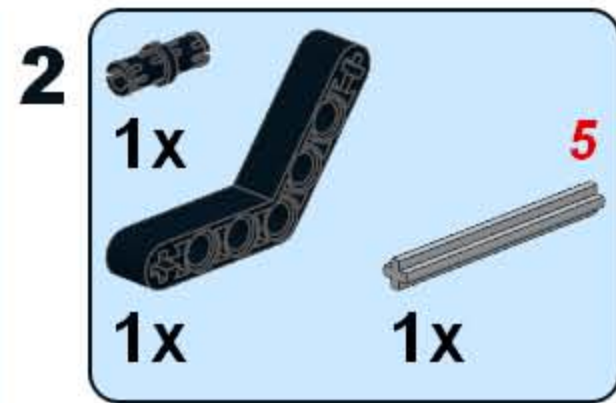
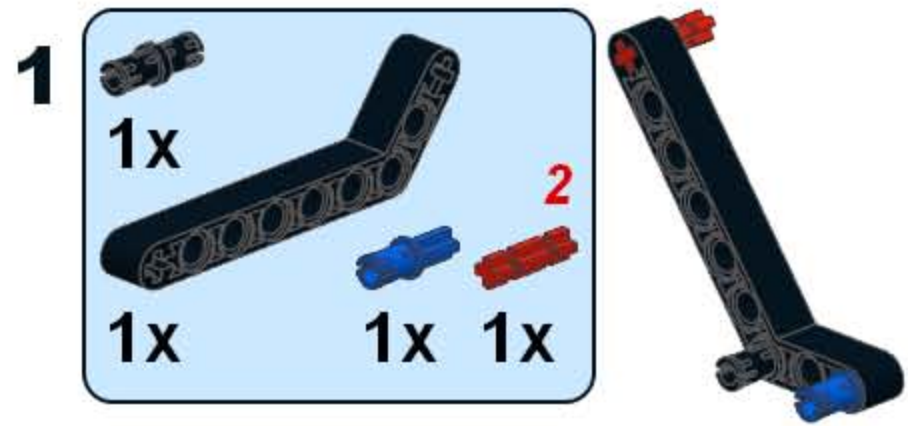


5

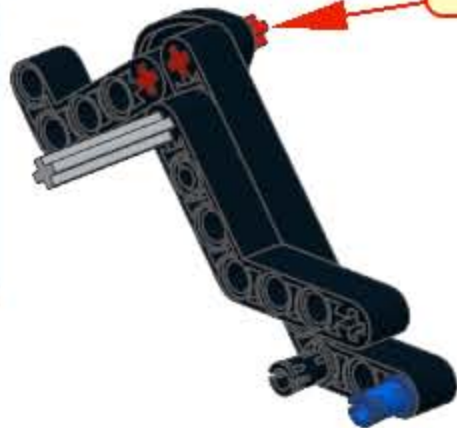
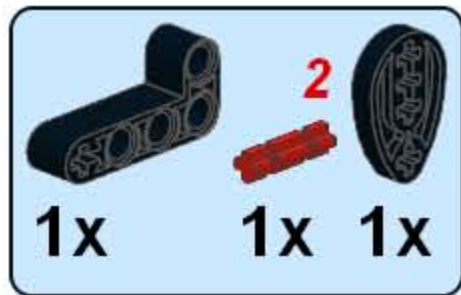


6





3



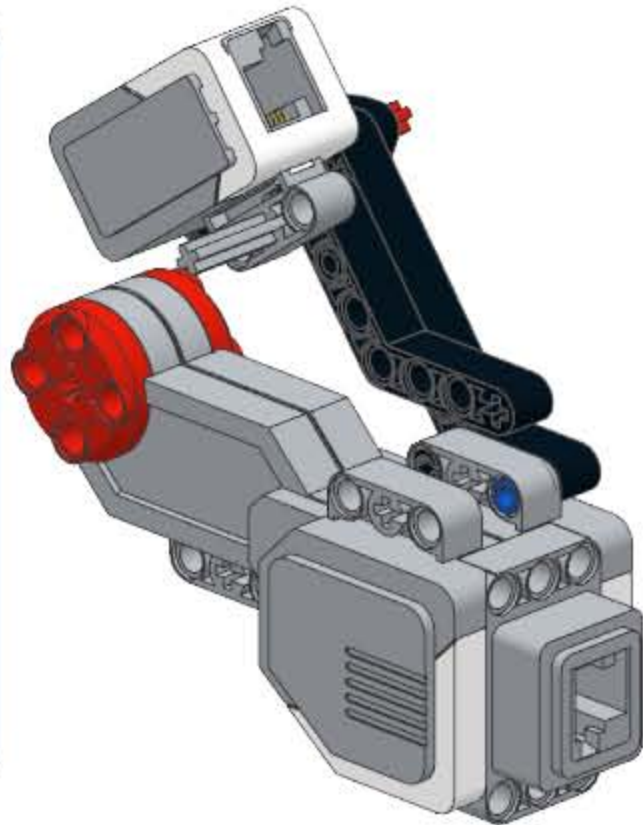
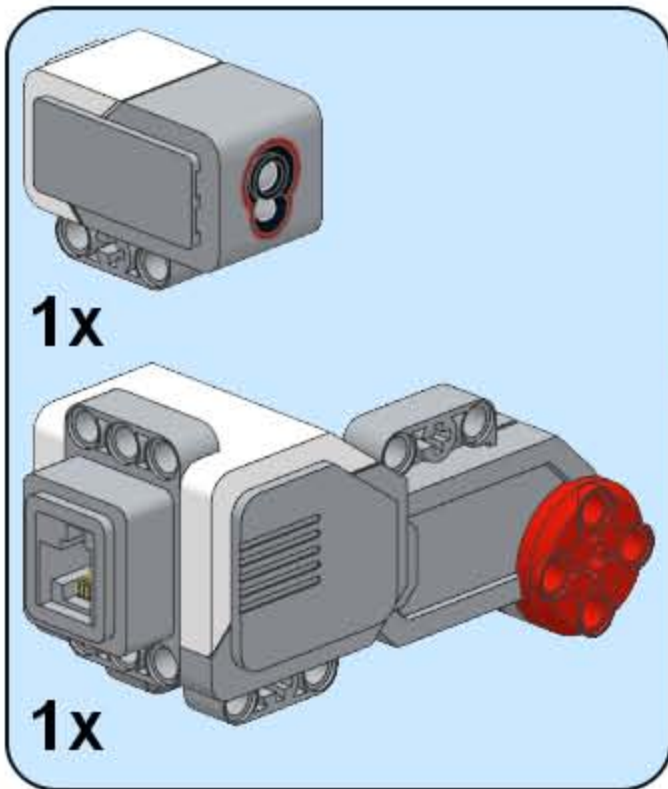
1



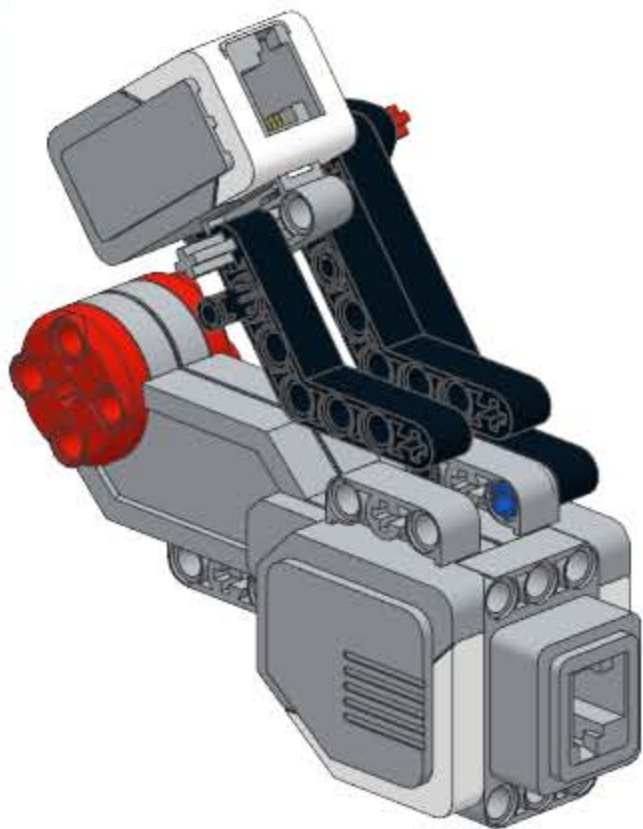
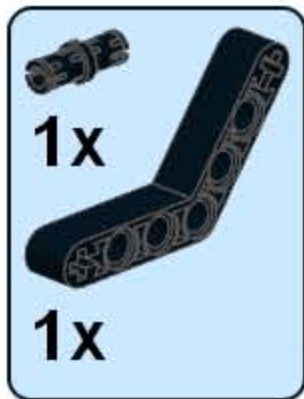
2



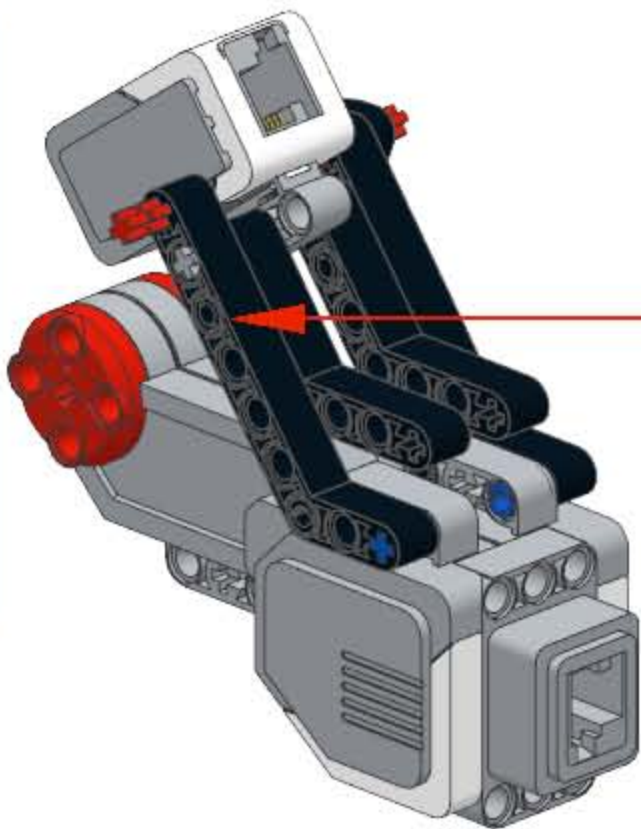
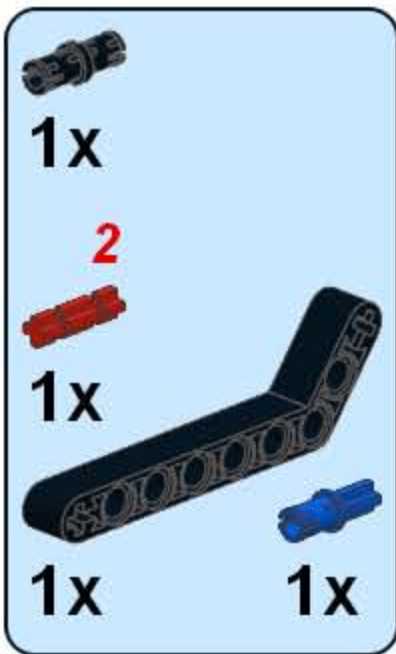
4



5



6



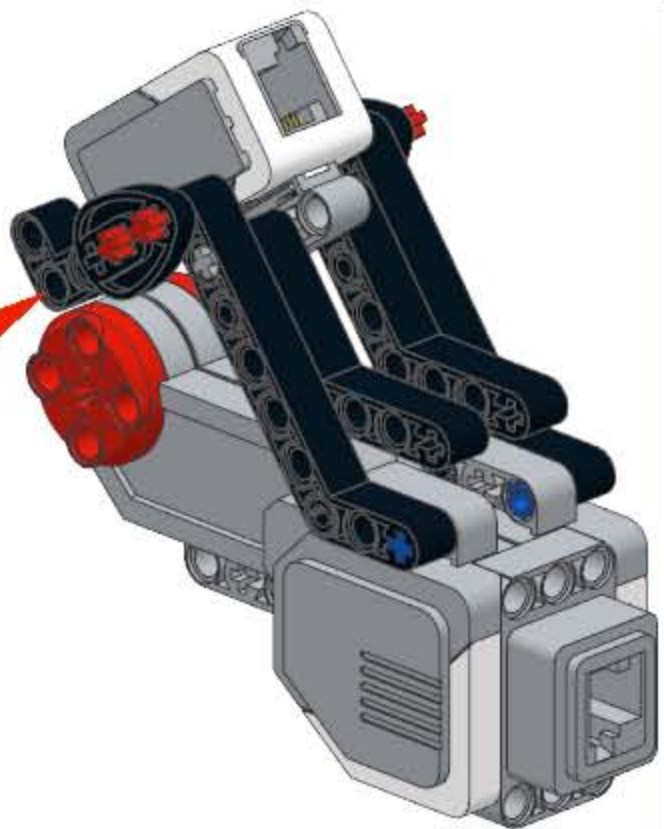
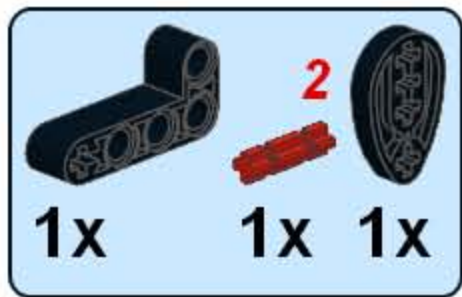
1



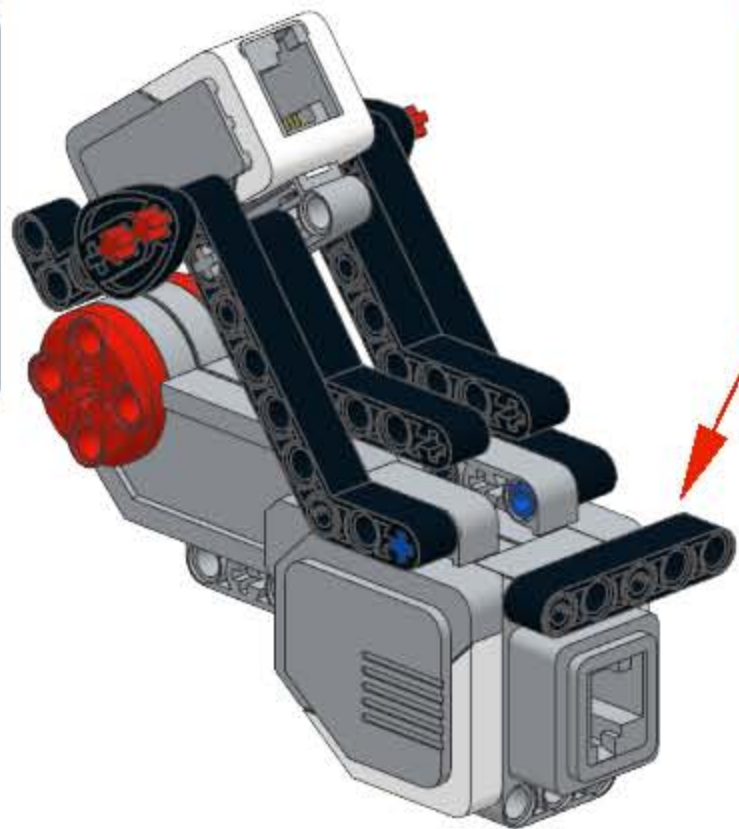
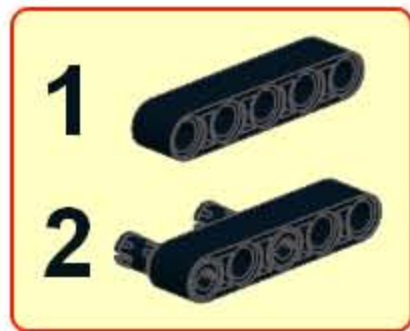
2



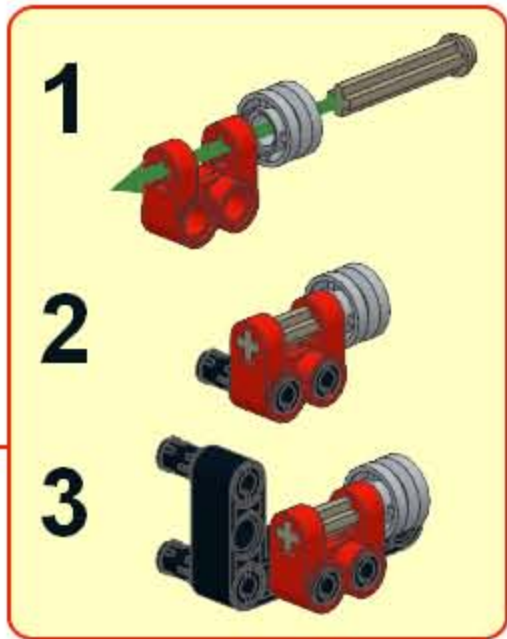
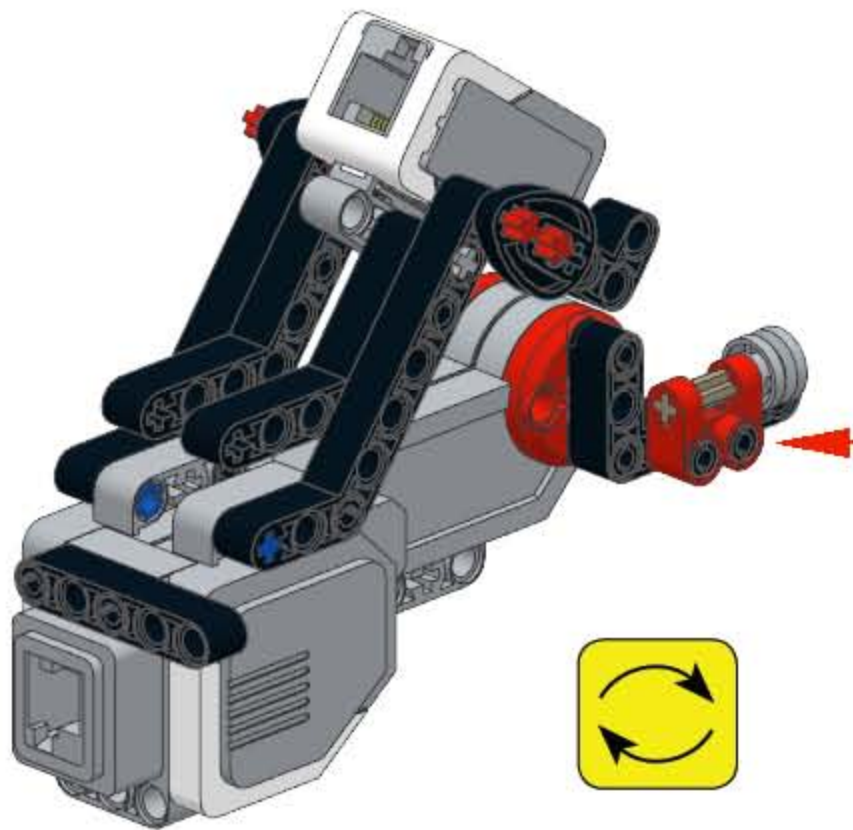
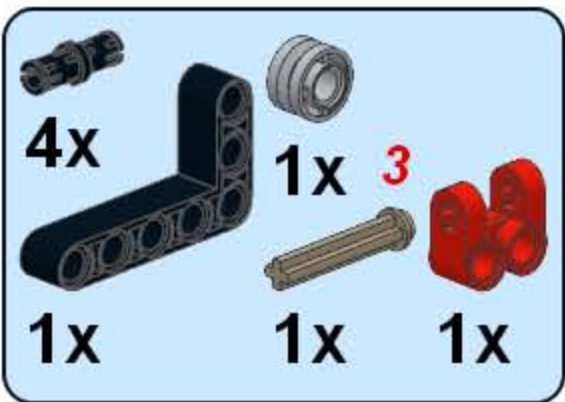
7



8



9

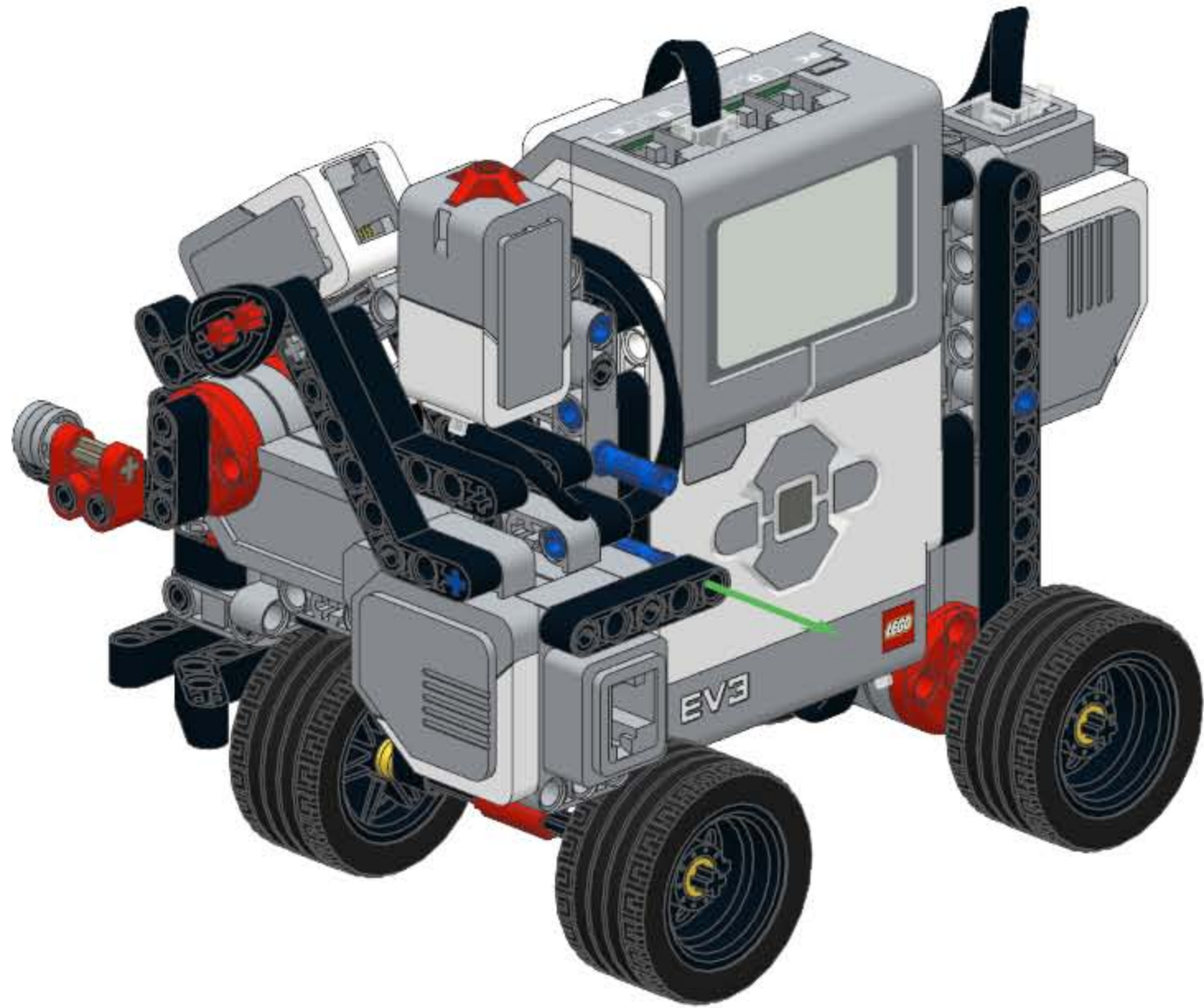


10

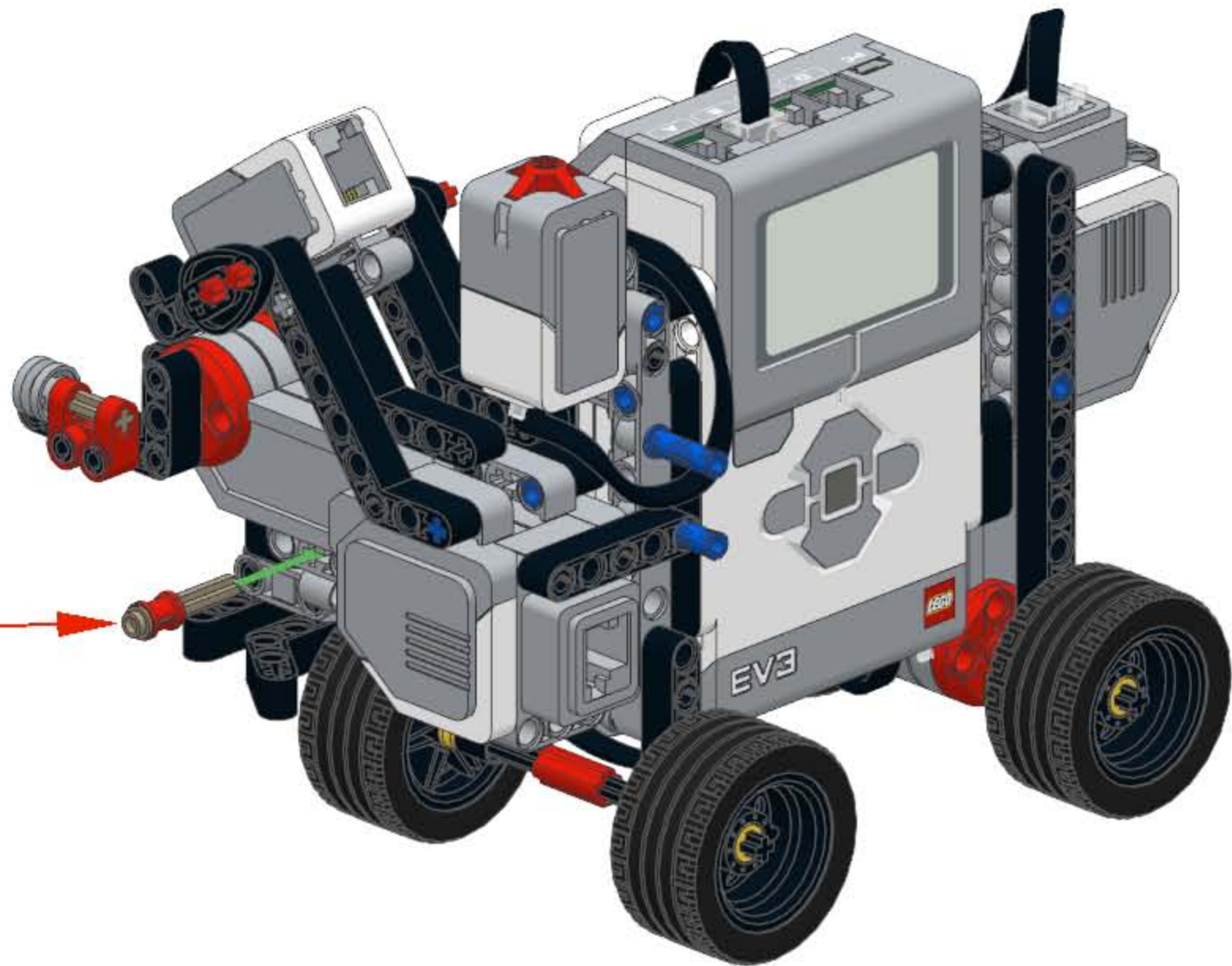
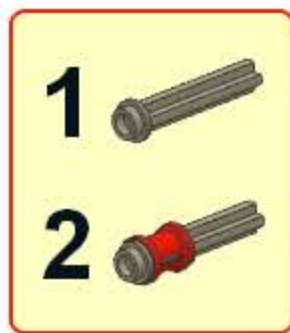
4x
1x
1x
1x
1x
1x

1
2
3

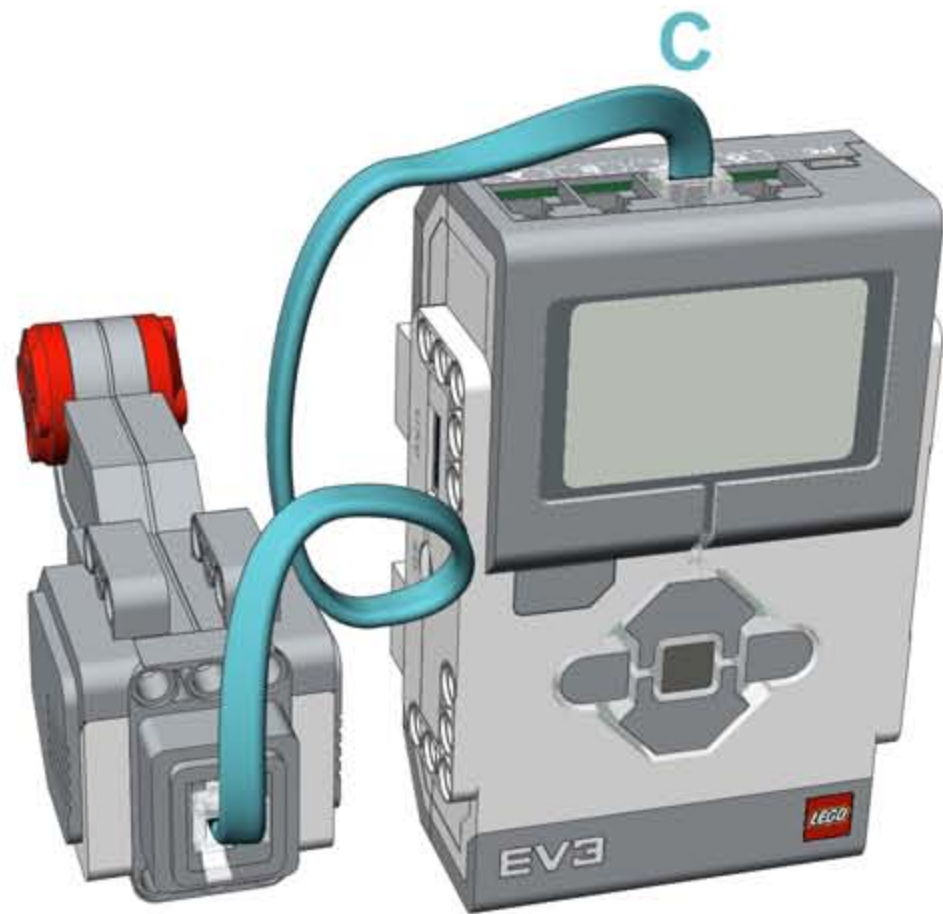
7



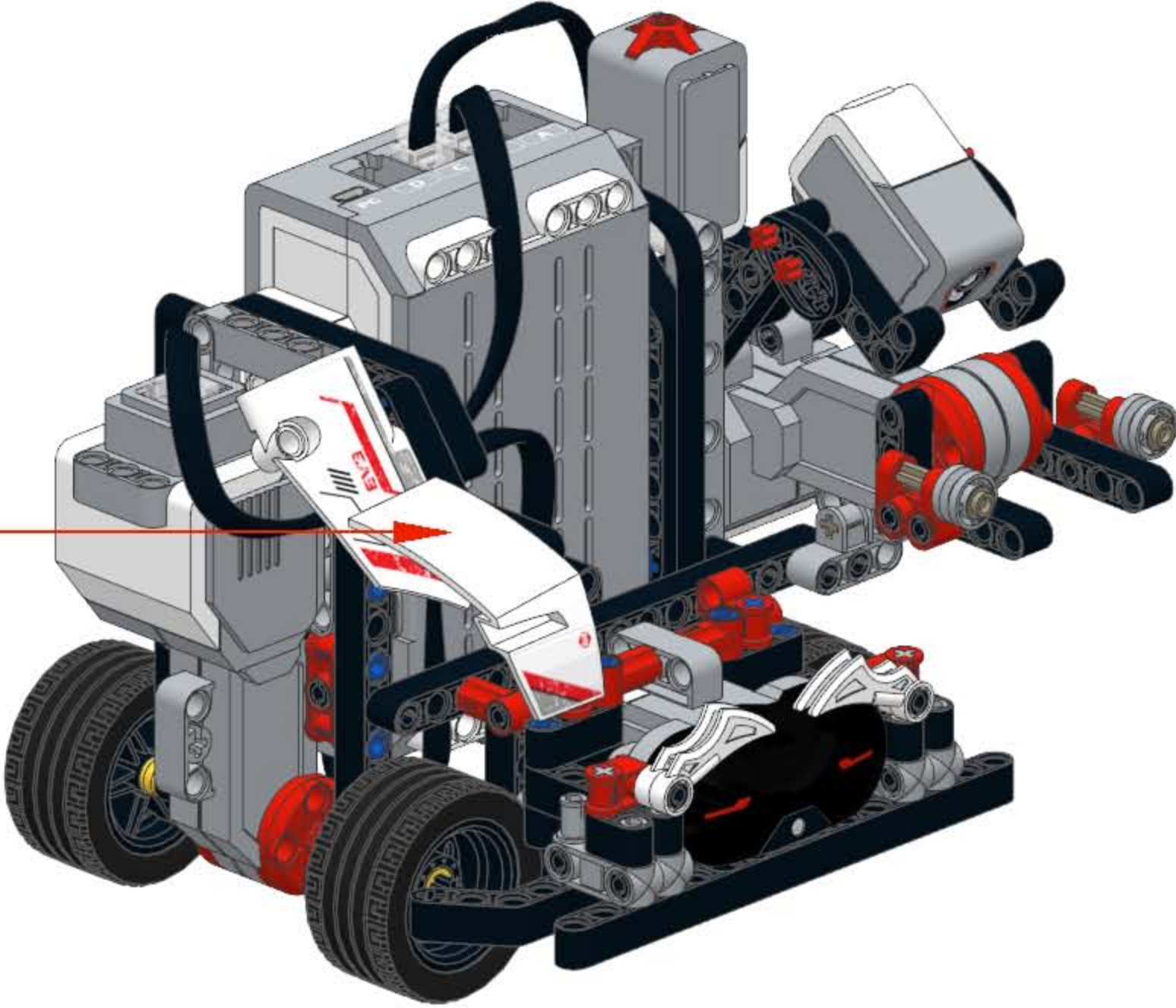
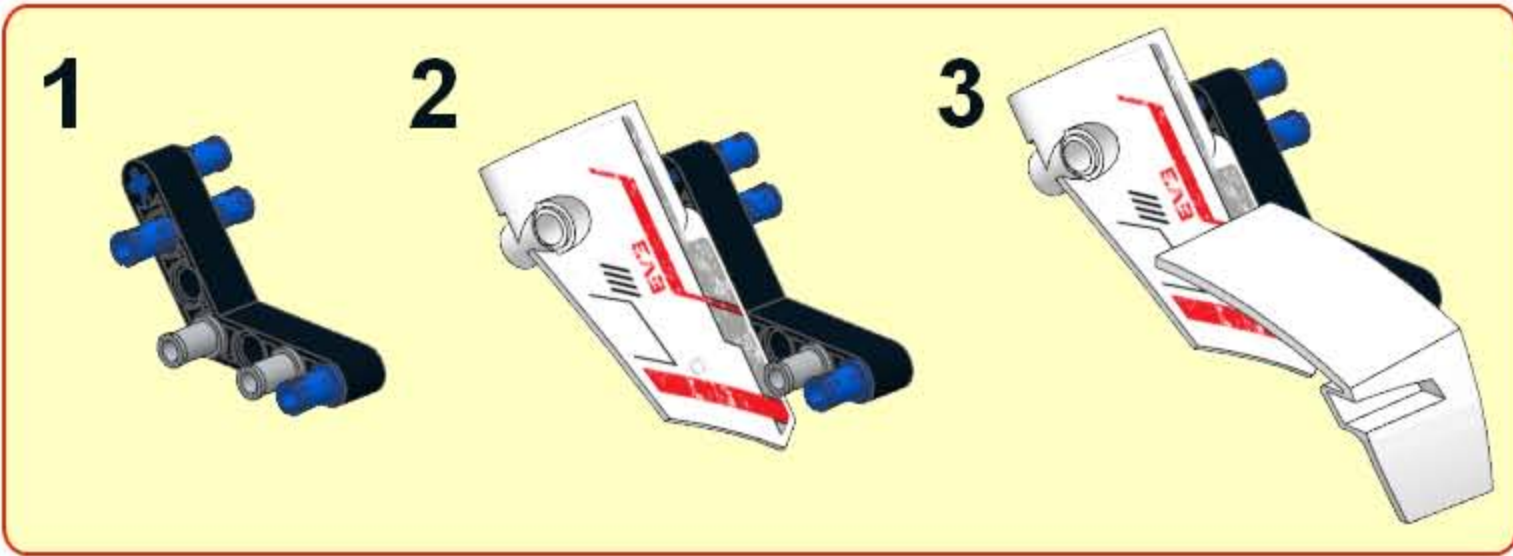
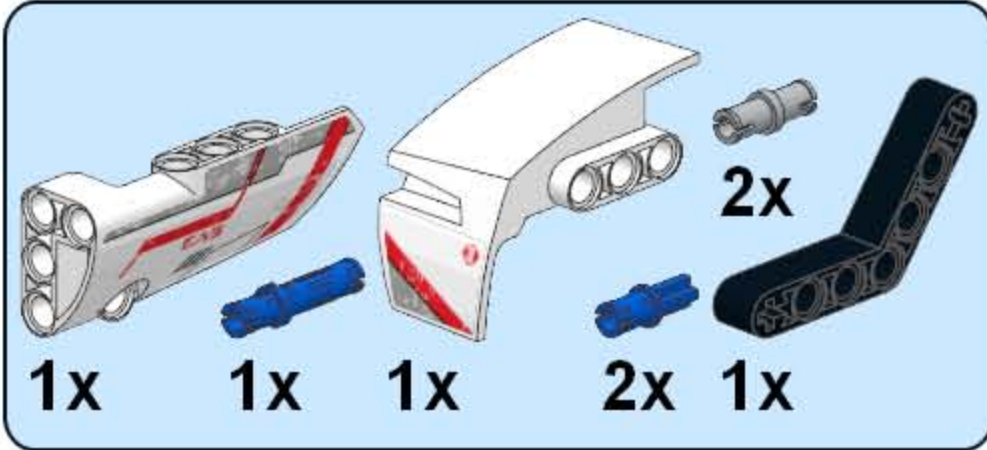
8



9



10



1



1x



1x

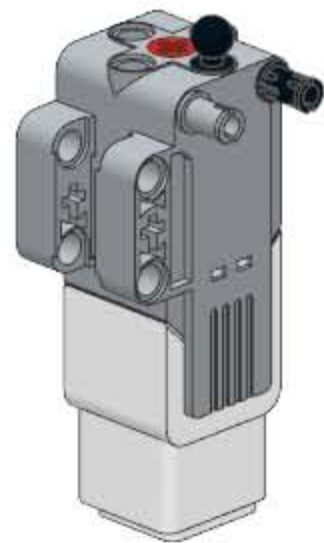


1x

1x

1x

1x



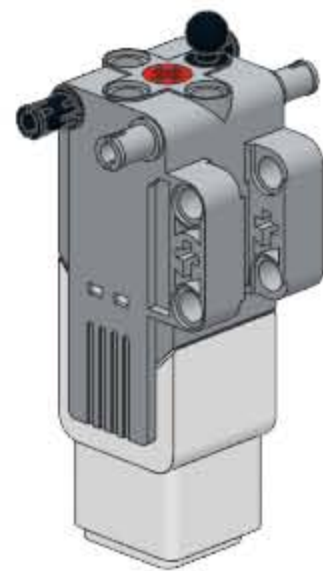
2



1x



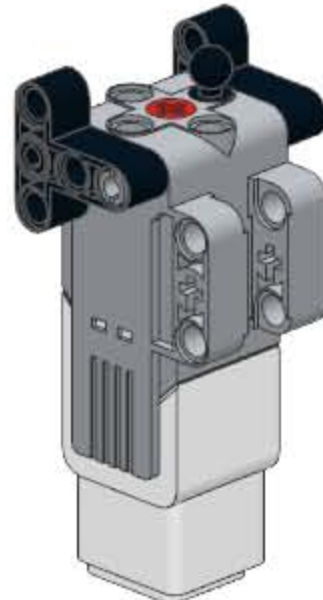
1x



3



2x



4



1x



2x

3

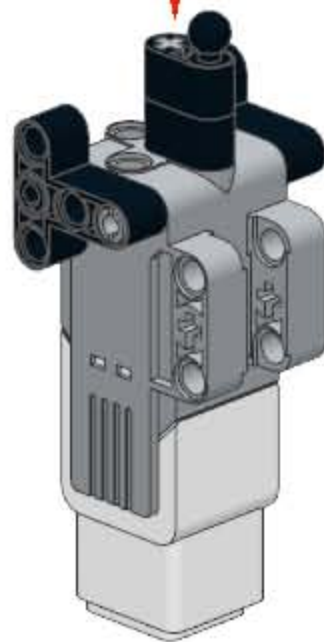


1x

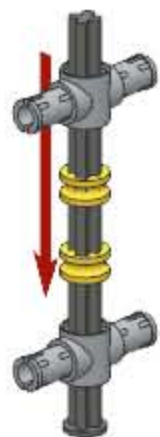
1



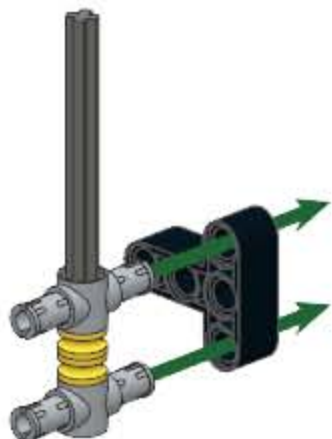
2



1



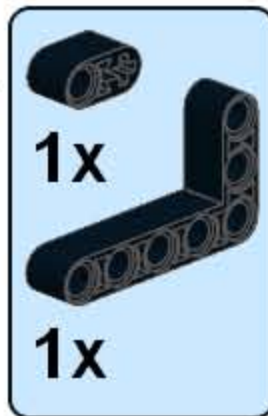
2



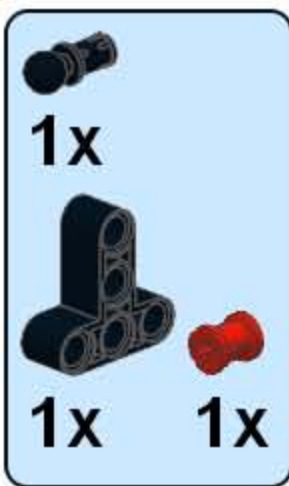
3



4



5



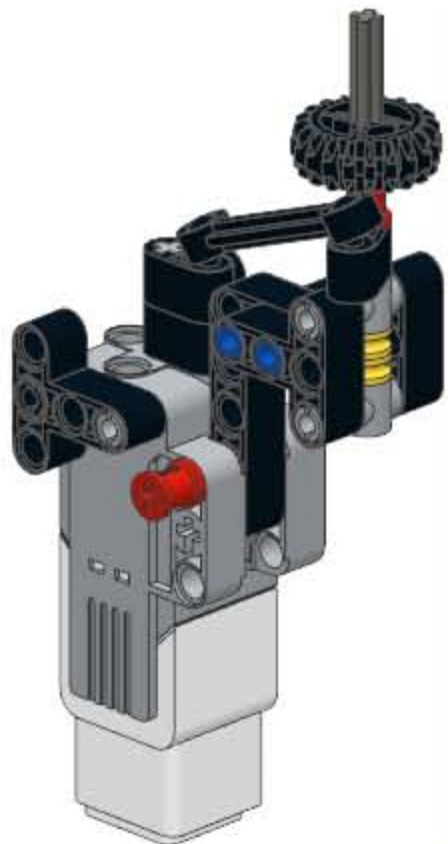
6



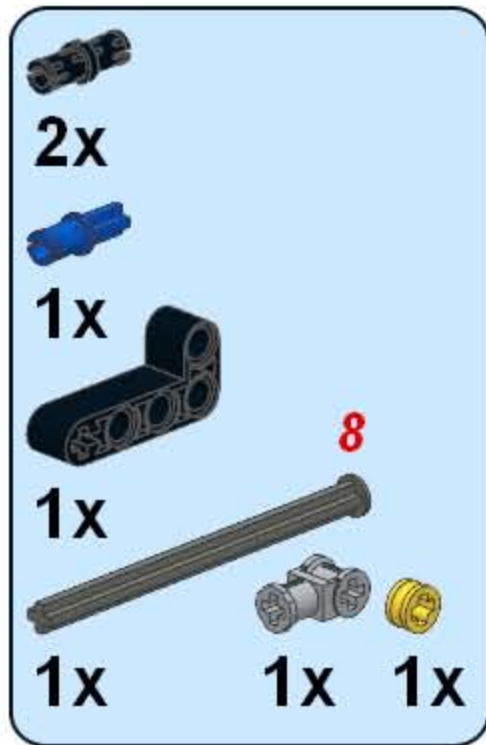
5



1x



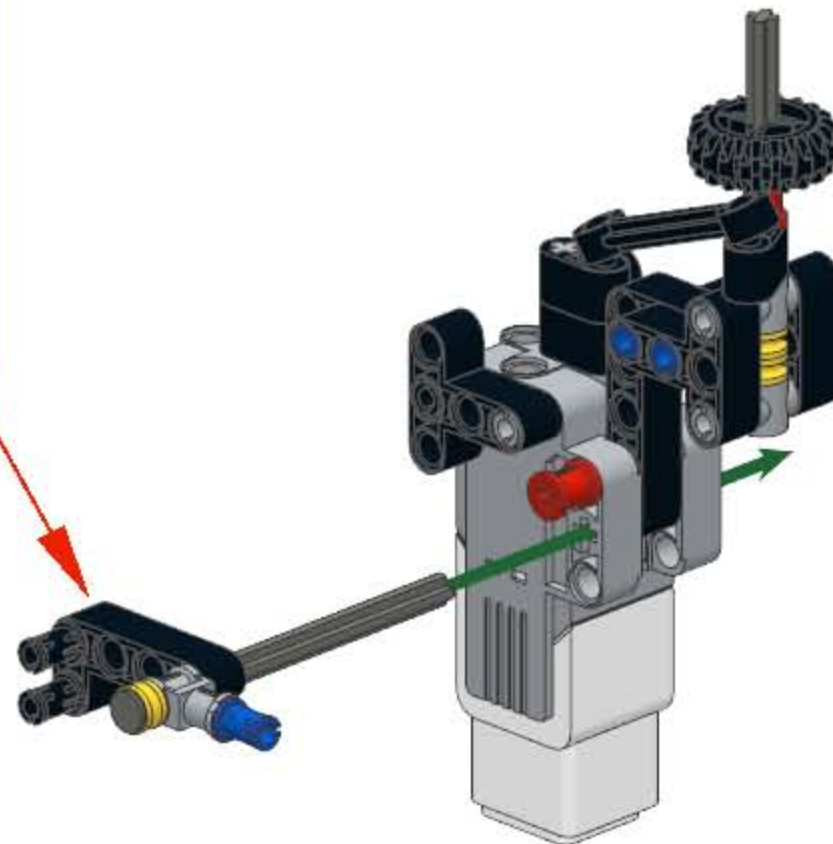
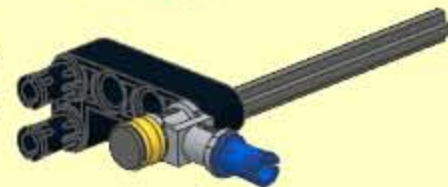
6



1



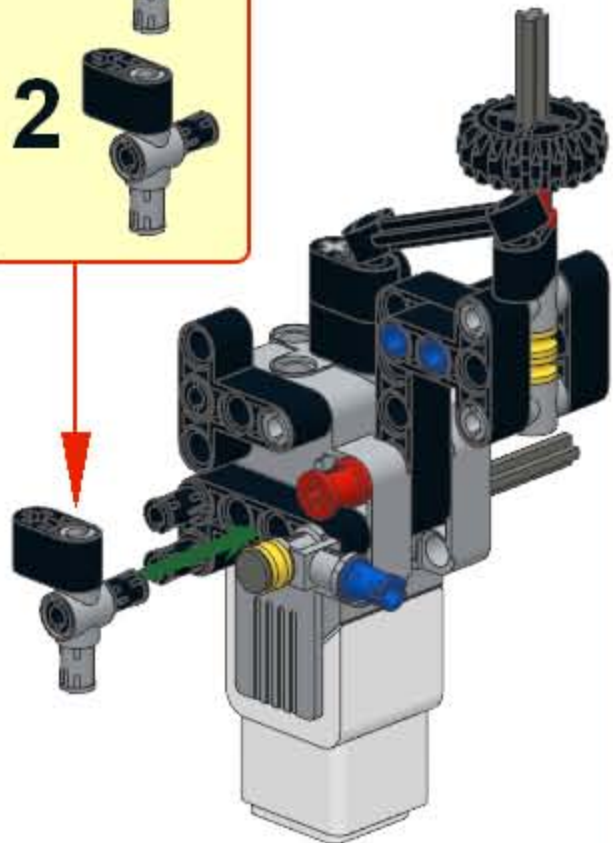
2




7

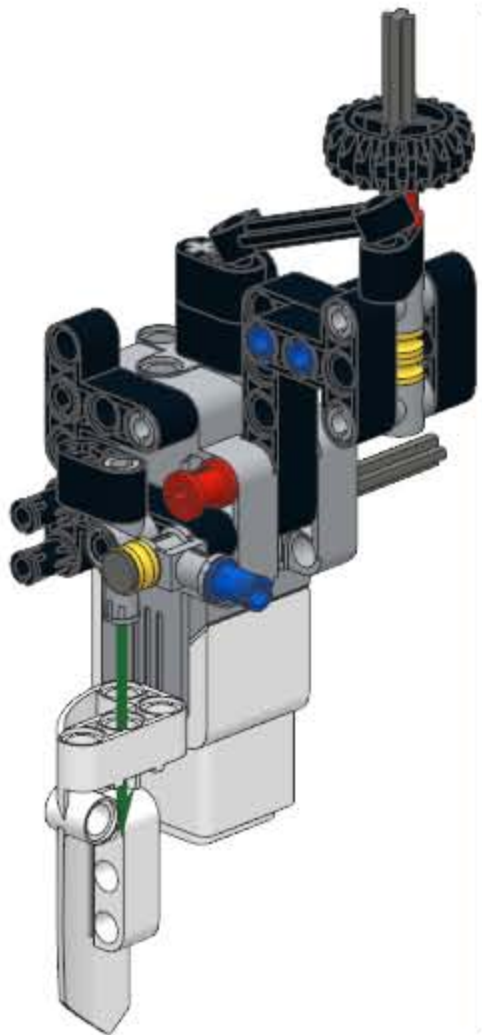
- 1x 
- 1x 
- 1x 

- 1 
- 2 





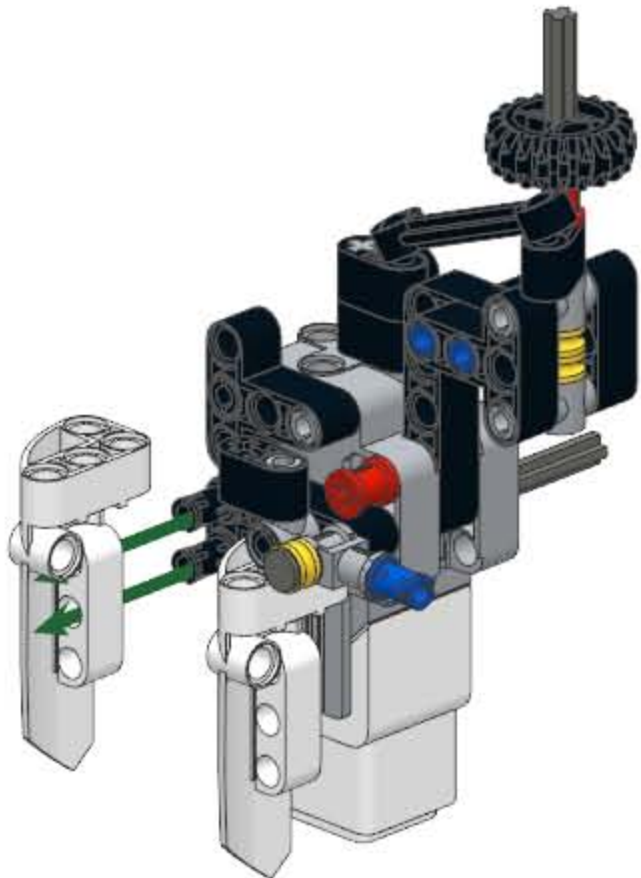
8

- 1x 

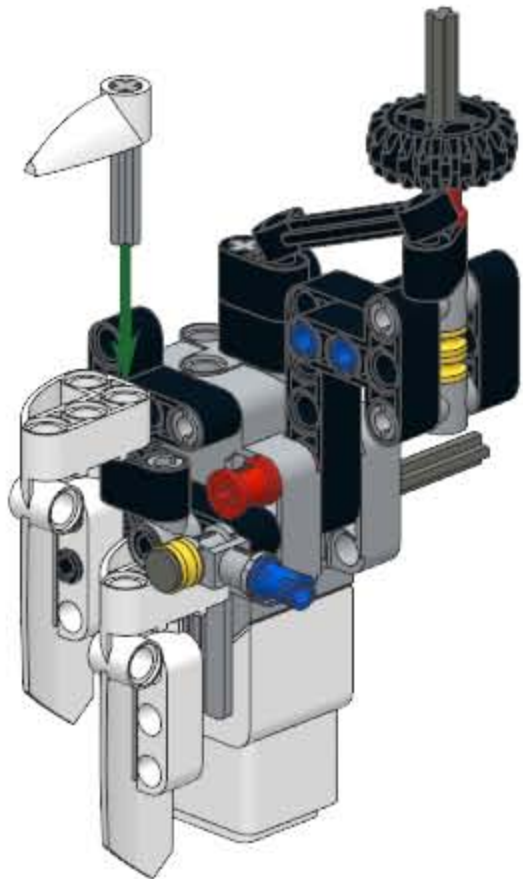
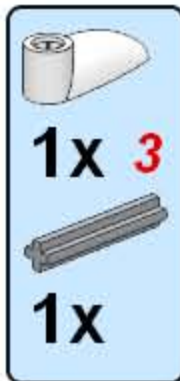


9

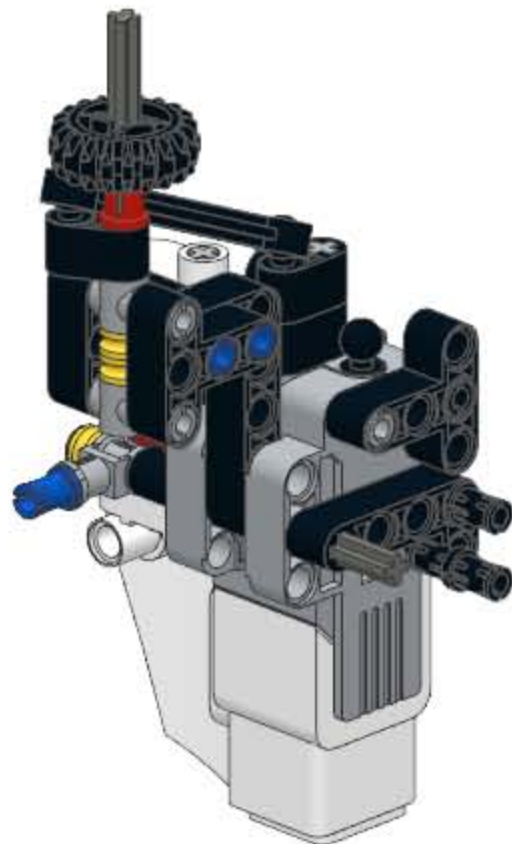
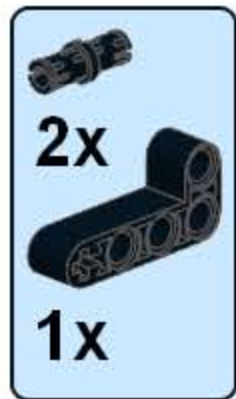
- 1x 



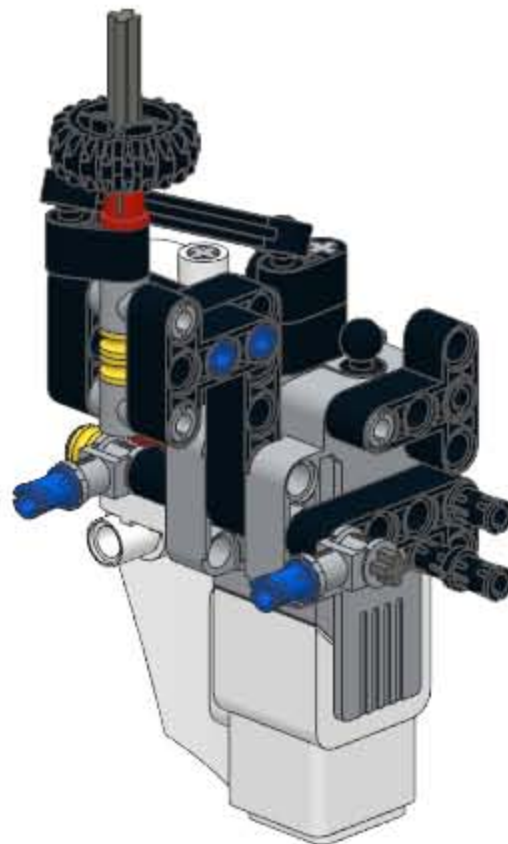
10

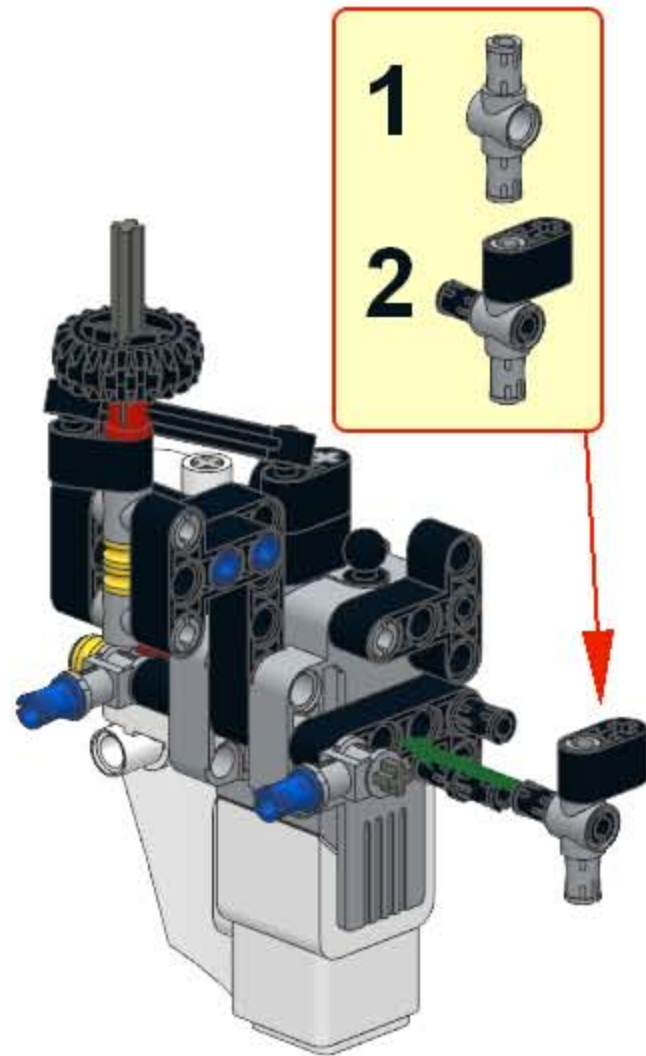
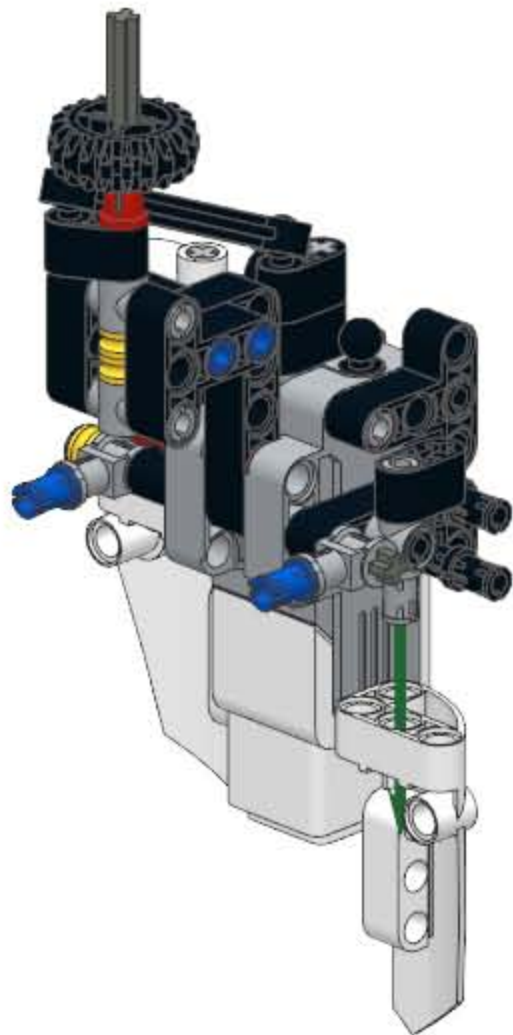
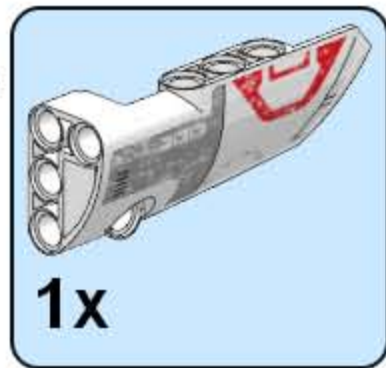
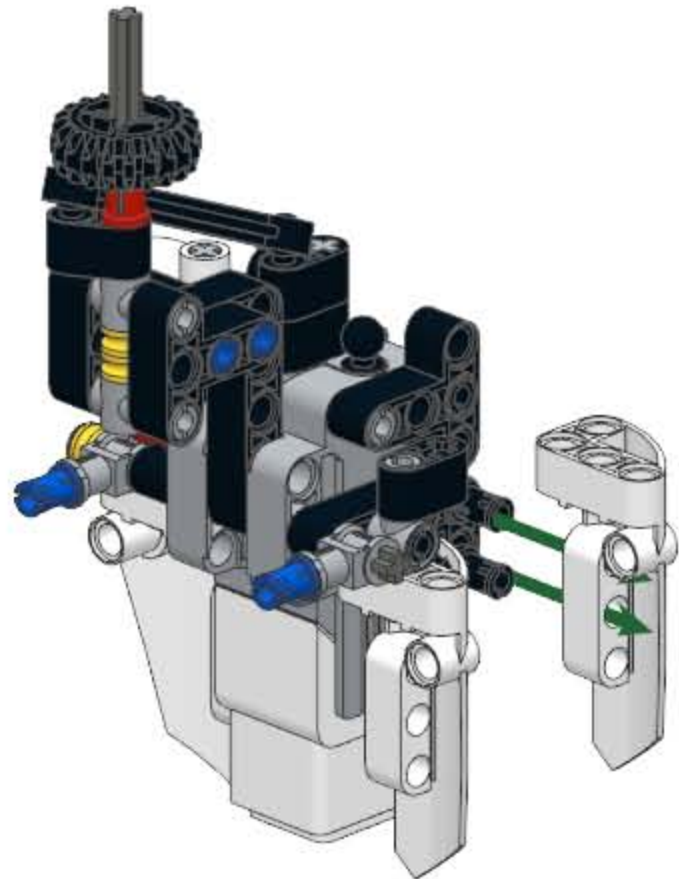
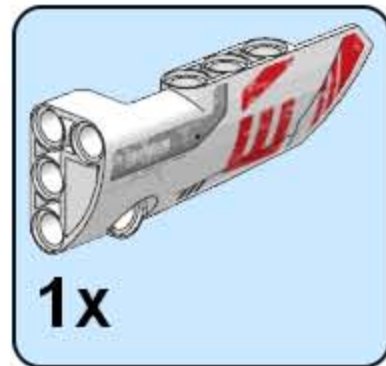


11

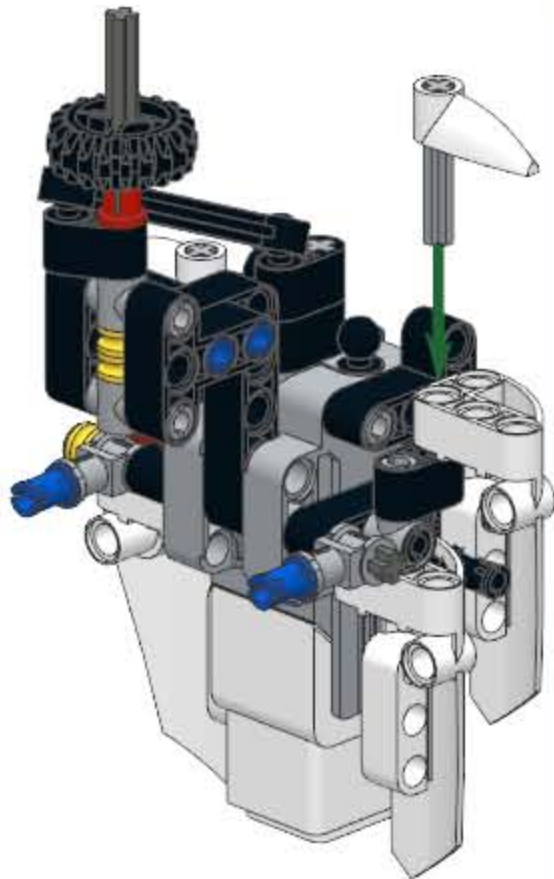
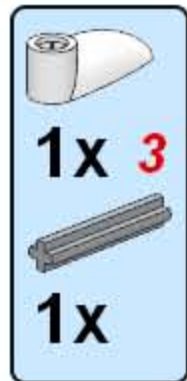


12

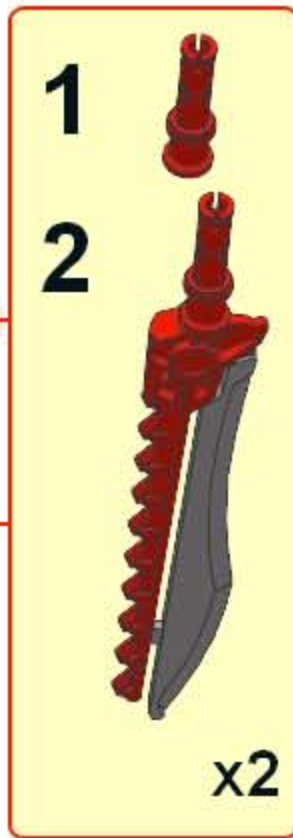
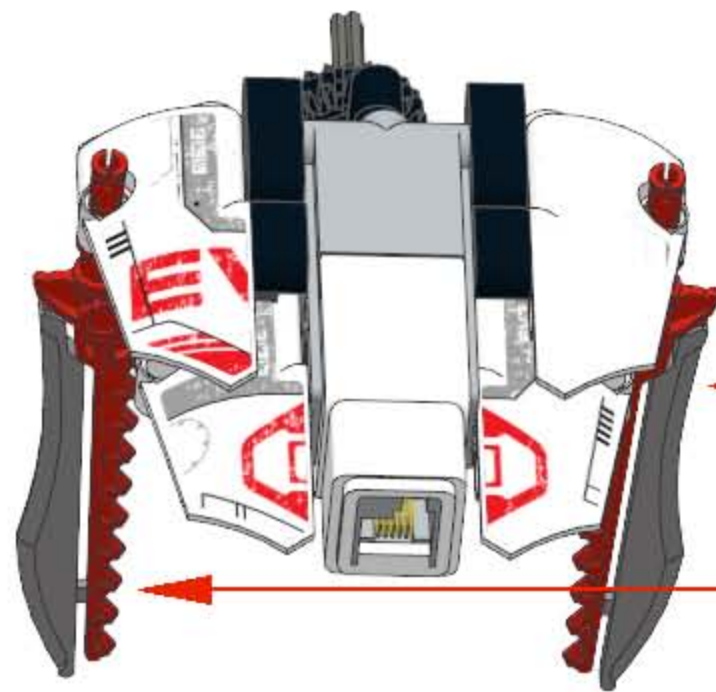
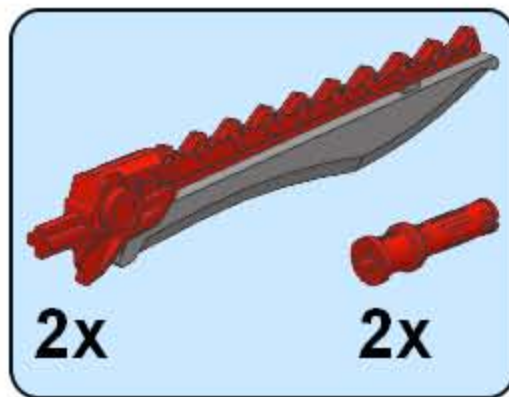


13**14****15**

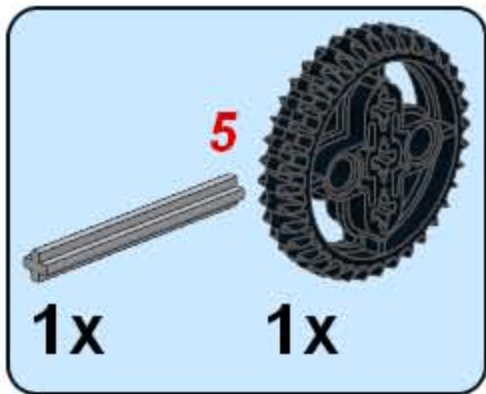
16



17



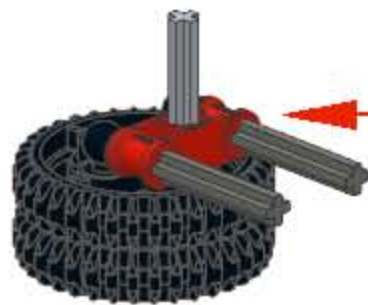
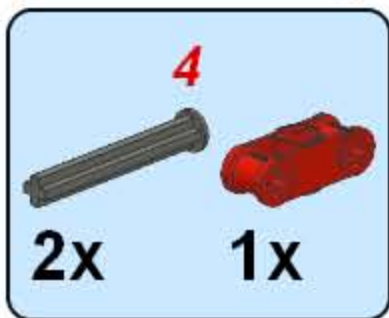
1



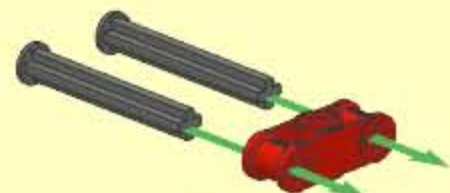
2



3



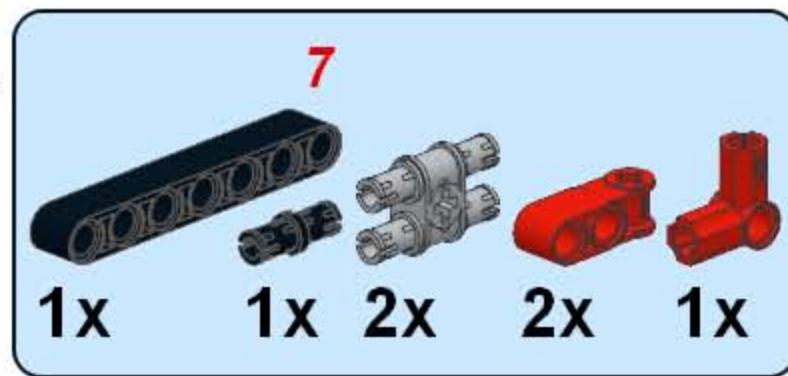
1



2



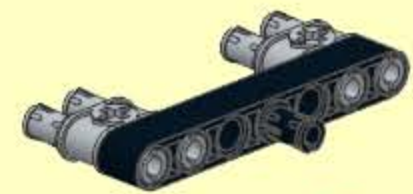
4



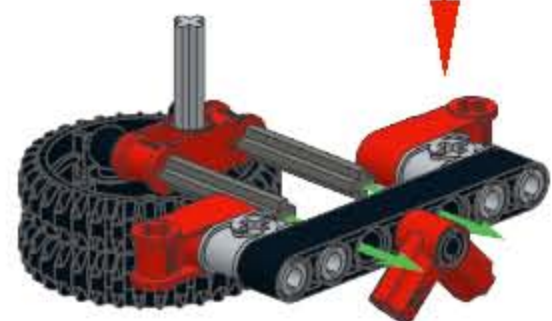
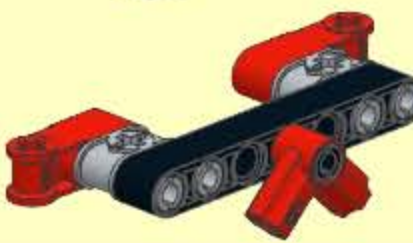
5



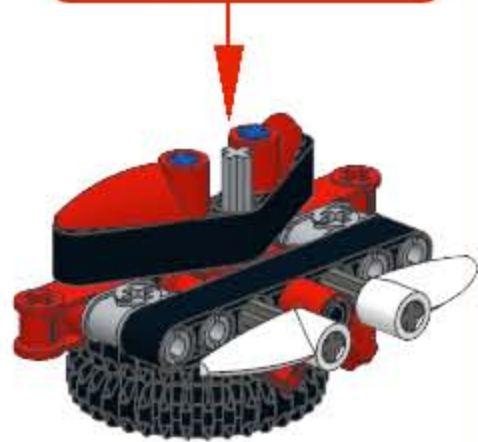
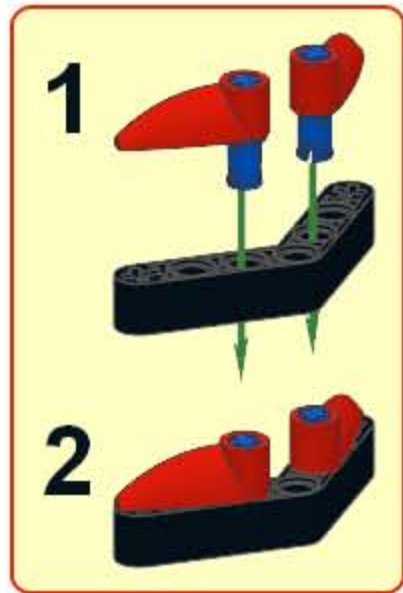
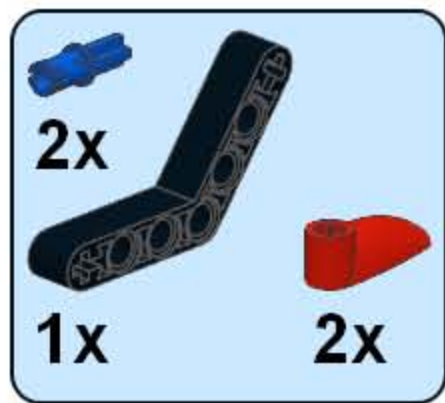
1



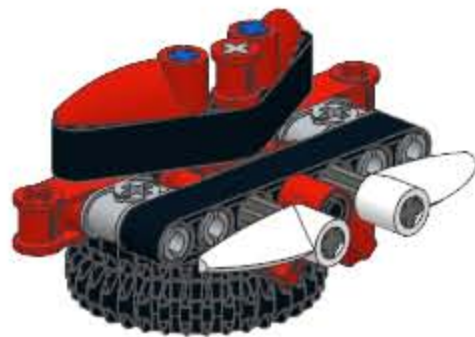
2



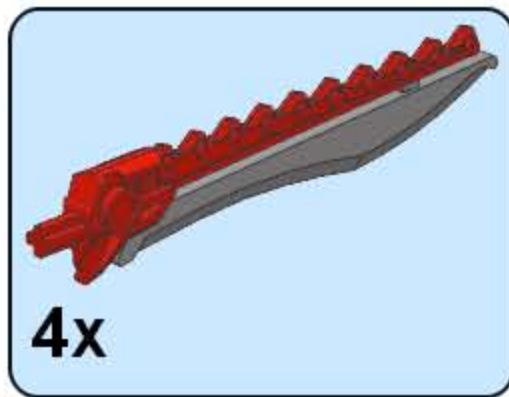
6



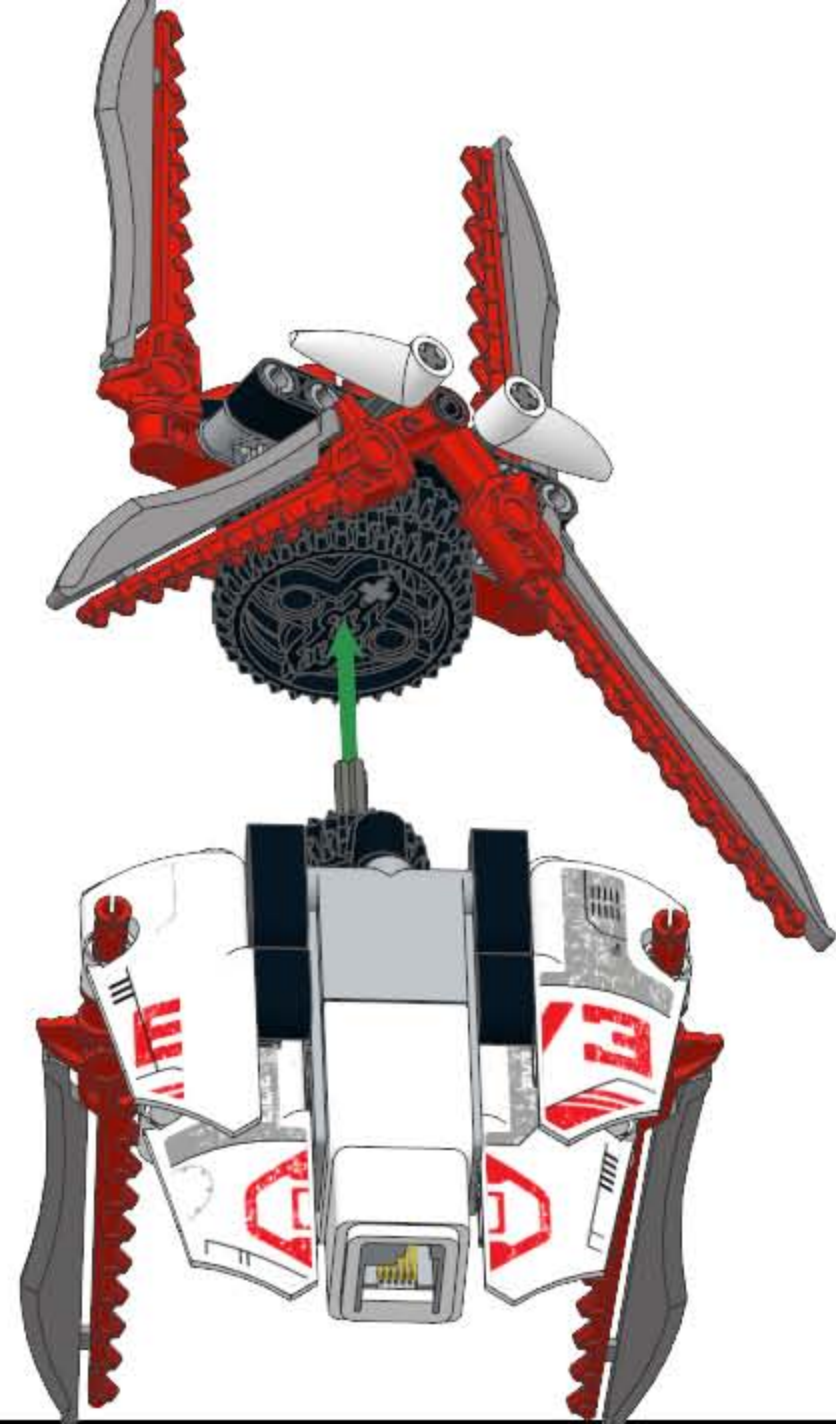
7



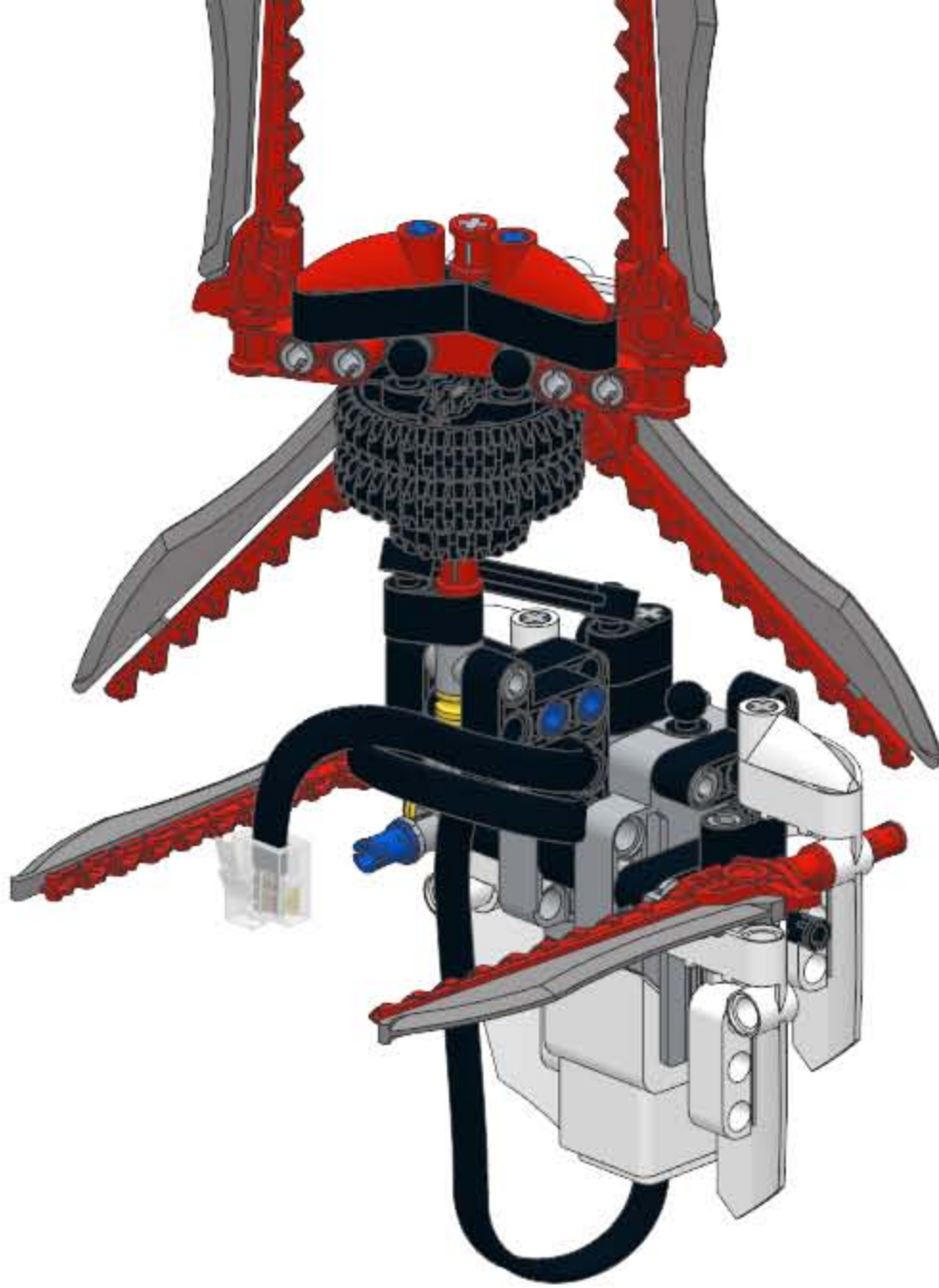
8



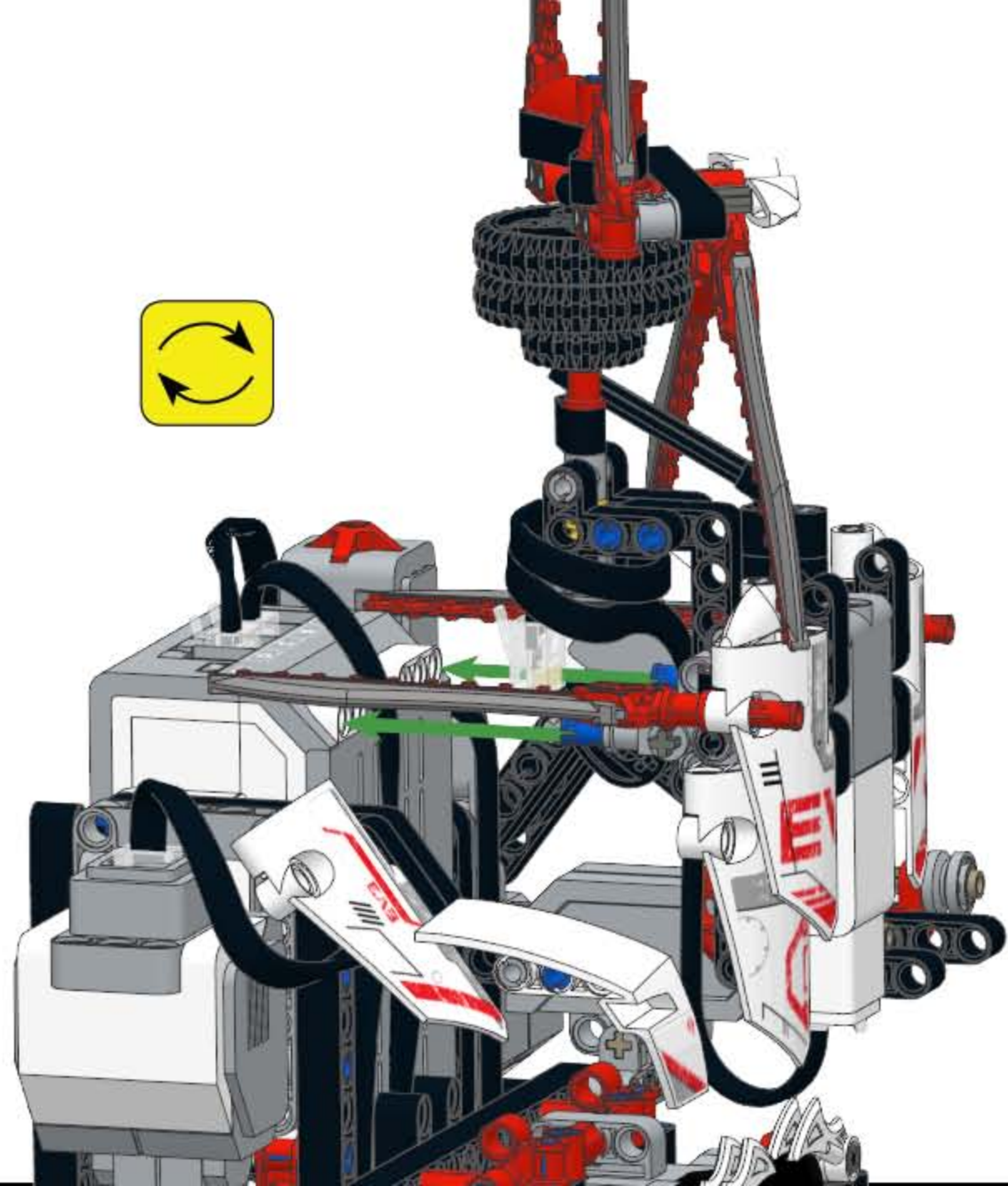
18



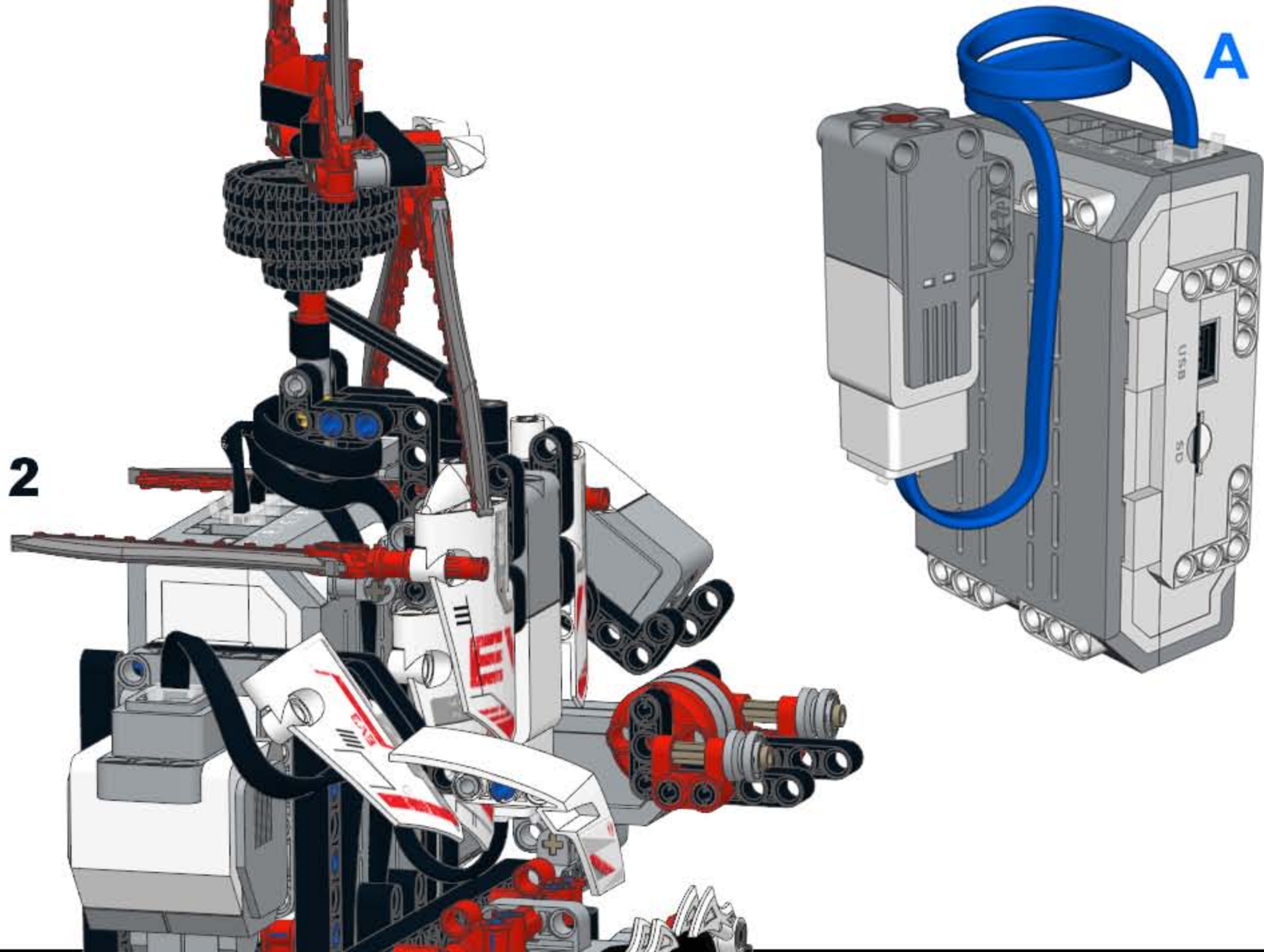
19



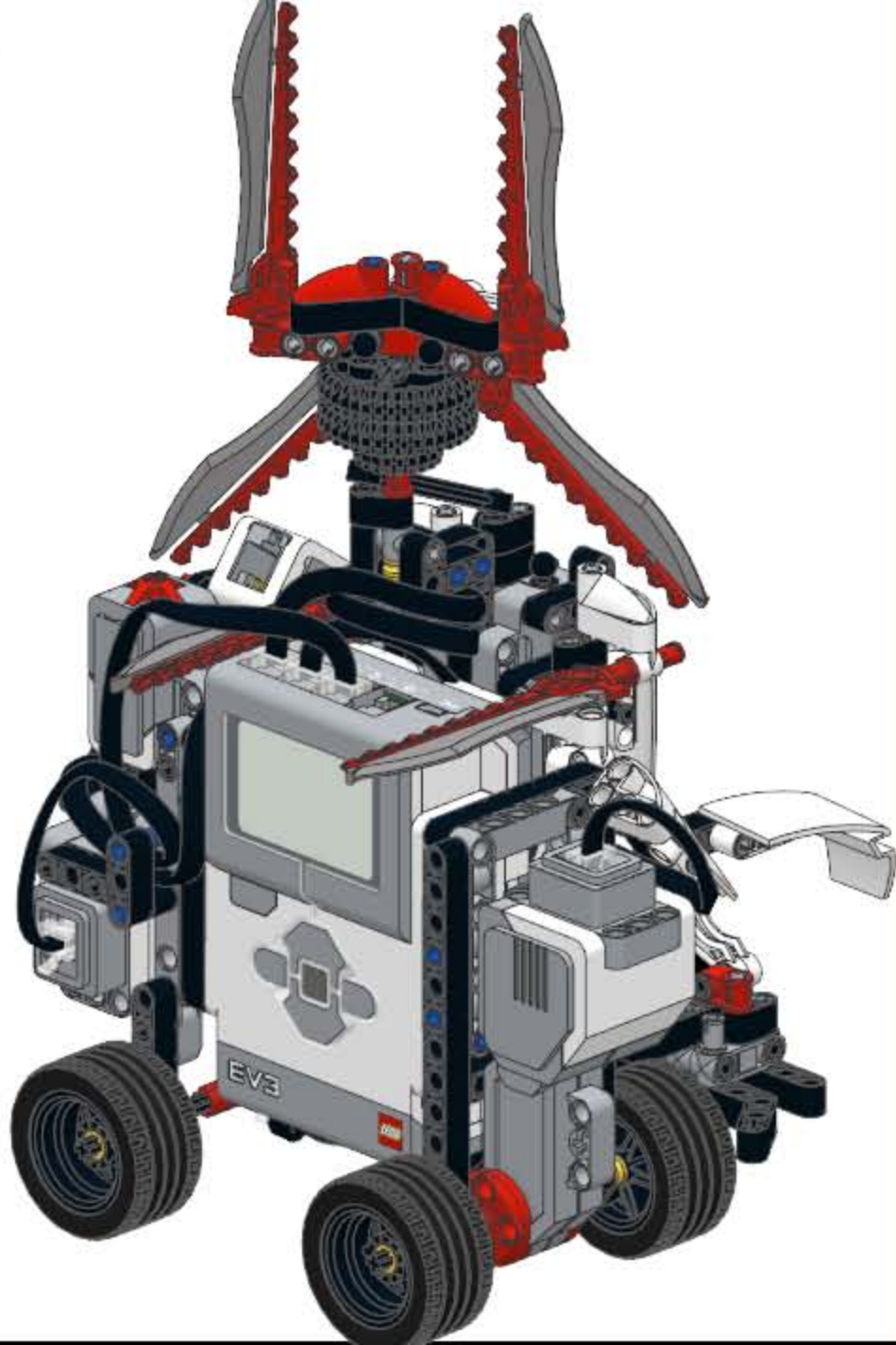
11



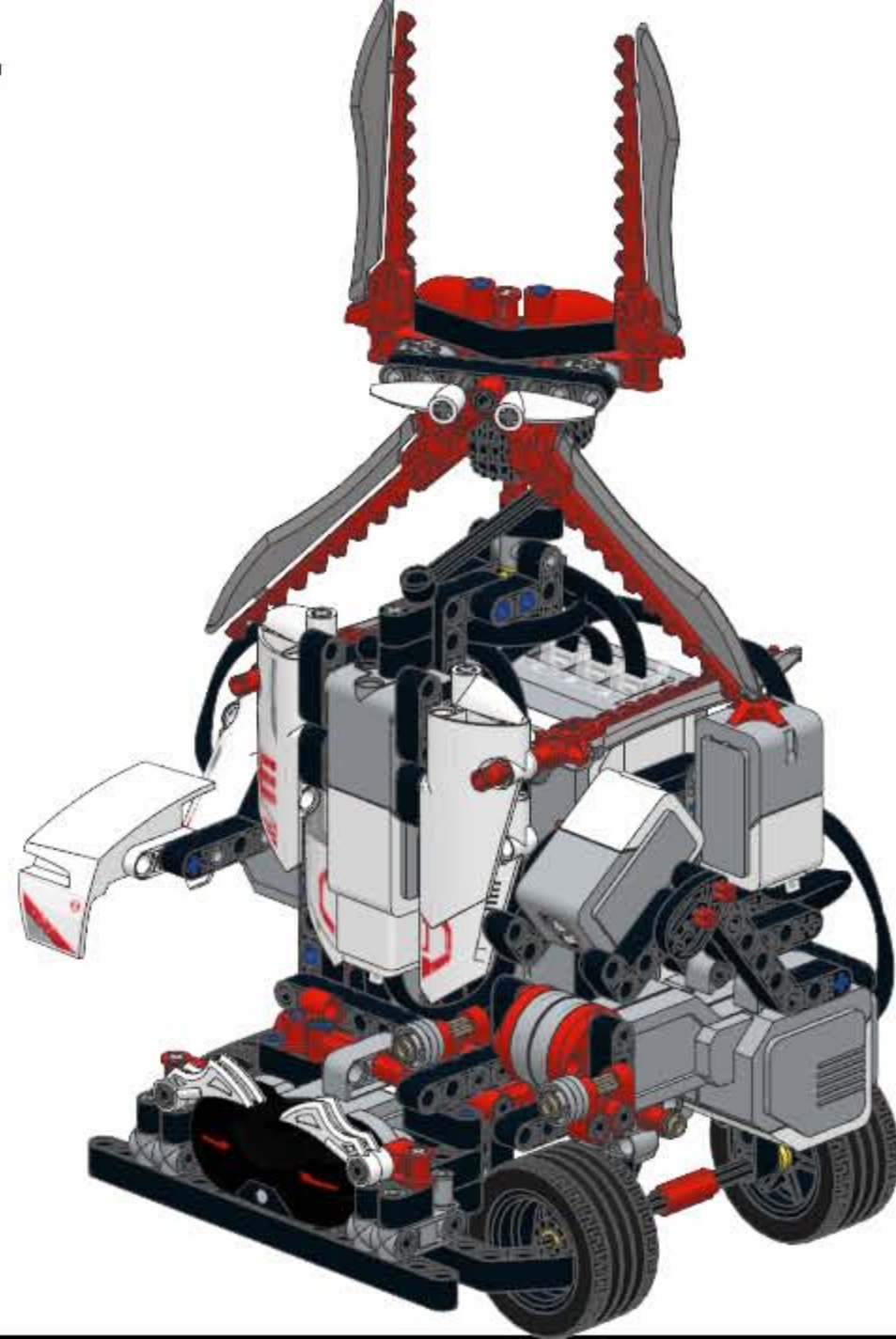
12



13



14



Model and building instructions by Philippe «Philo» Hurbain
Built from a single 31313 EV3[®] MINDSTORMS[®] set.

Please visit <http://philohome.com>

LEGO[®] is a trademark of the LEGO Group of companies
which does not sponsor, authorize or endorse this document