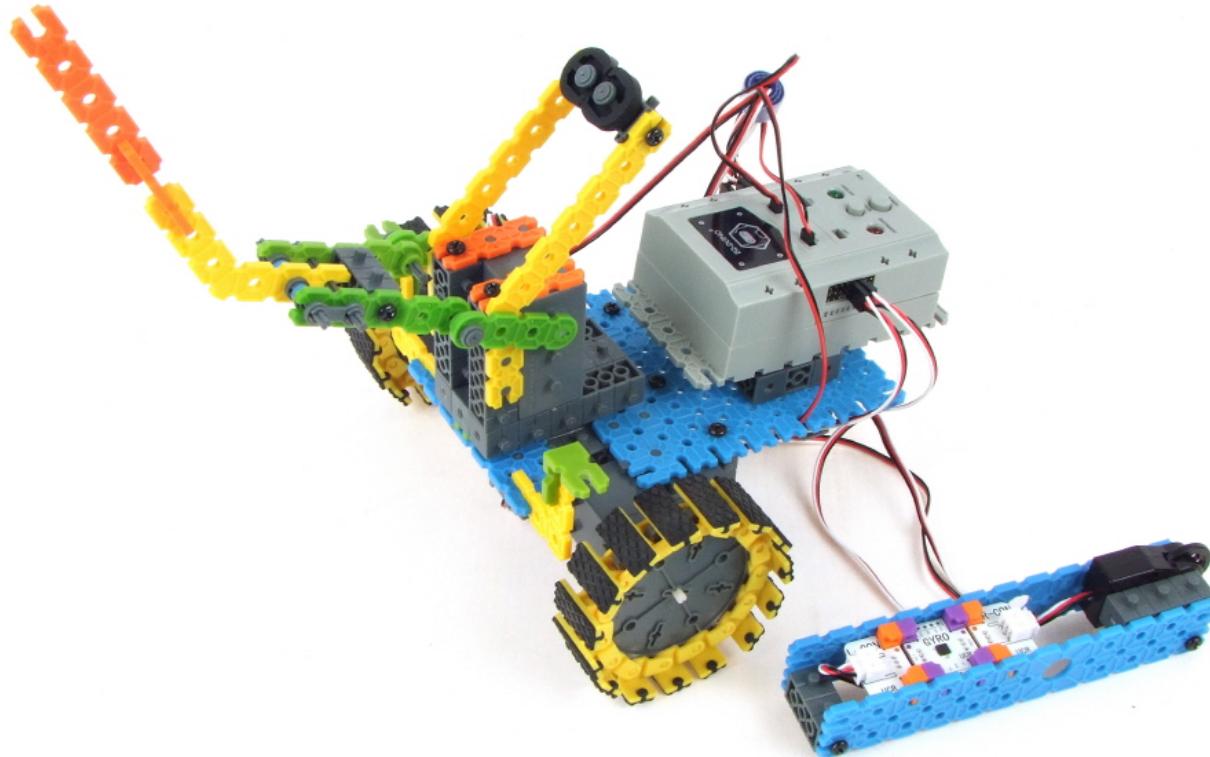


9. Sword Robot

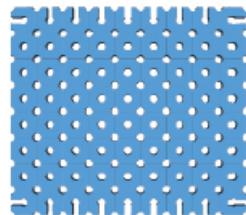
If you move the gyro sensor to right or left, the sword robot will turn left or right.

If you move the gyro sensor to front or back, the sword robot will go forward or backward.

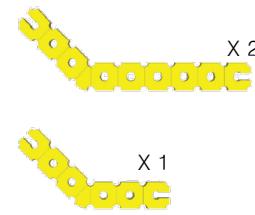
If you press the touch sensor, you can control the swing the sword.



Part List



X 1



X 2



X 2



X 2



X 5



X 4



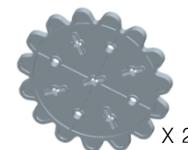
X 4



X 8



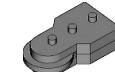
DC shaft X 2



X 30

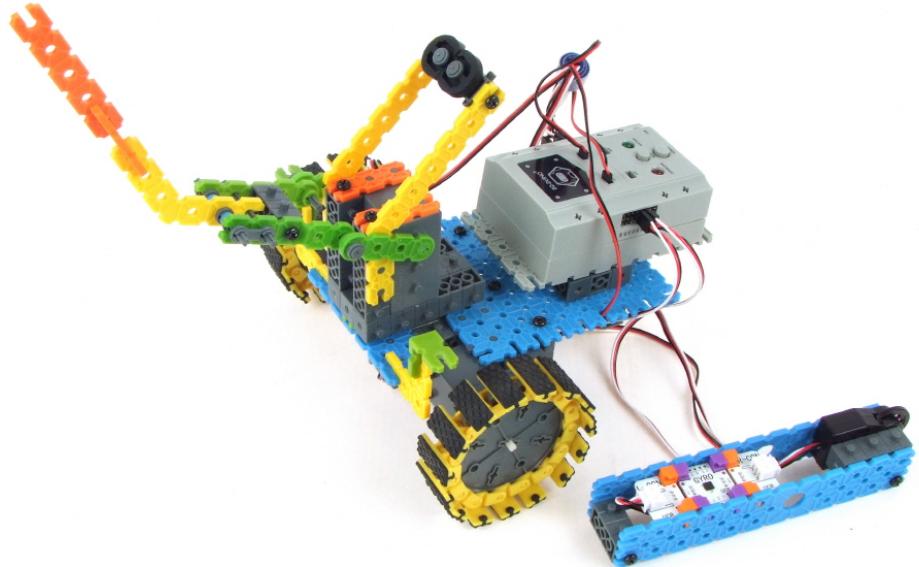


X 2



The servo motor must be positioned the output shaft as 90 degree at this model.

Sword Robot



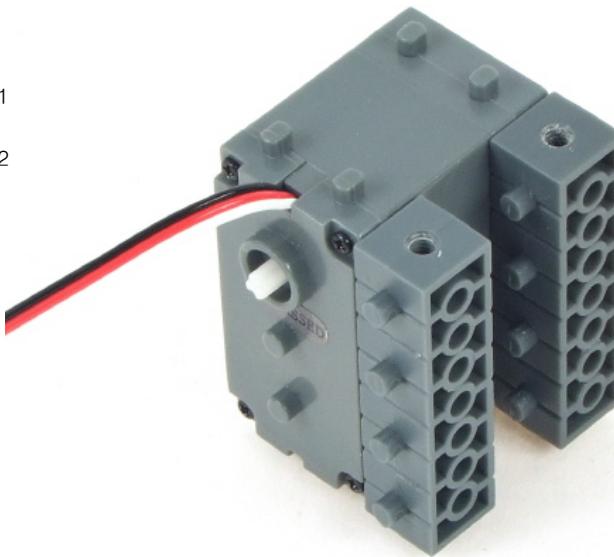
1



Servo motor X 1



X 2



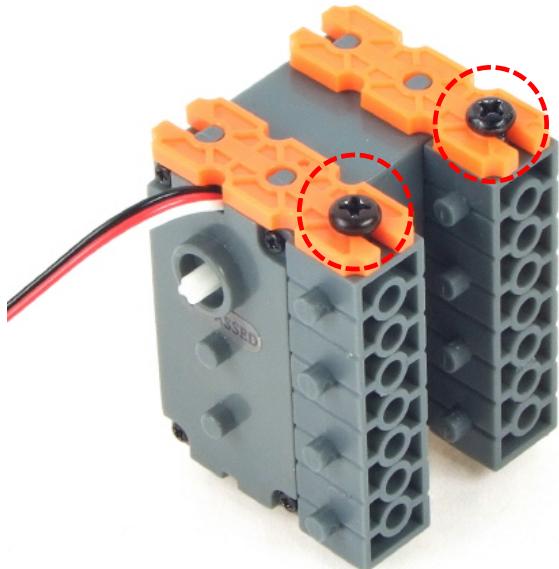
2



X 2



(S) X 2



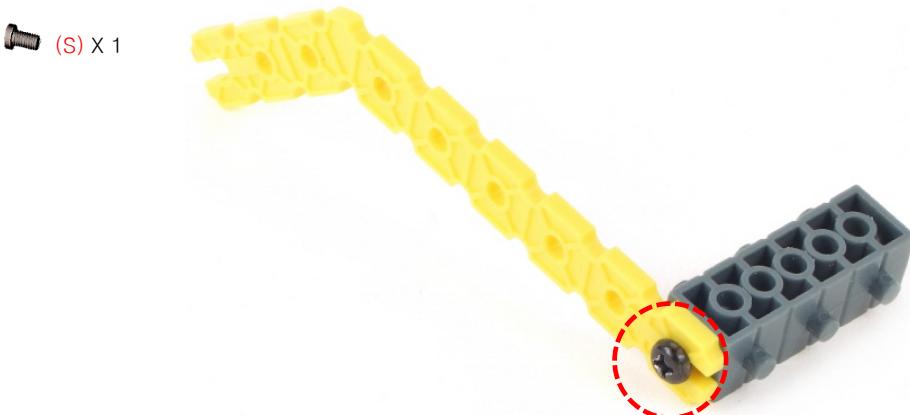
3



X 1



(S) X 1



4

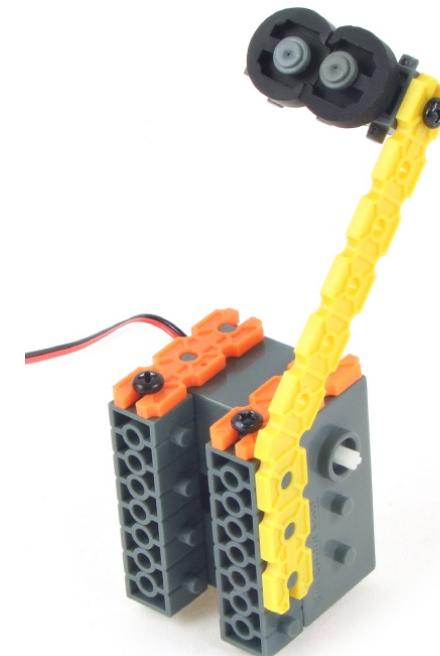
● X 2

● X 2

● X 1



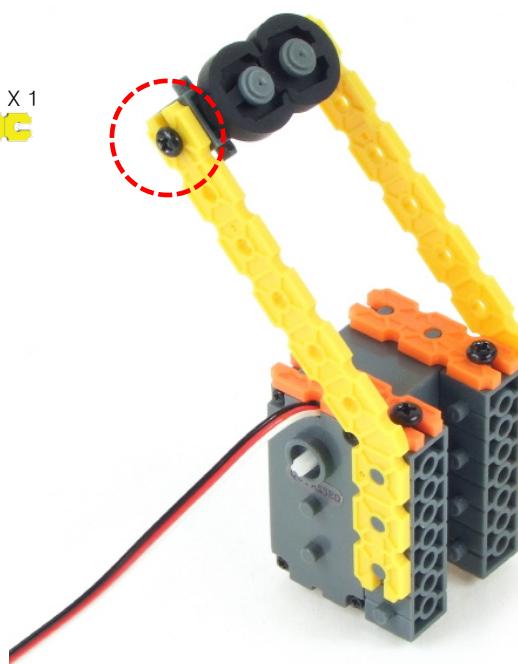
5



6

● X 1

● (S) X 1



7

● X 1

● X 1

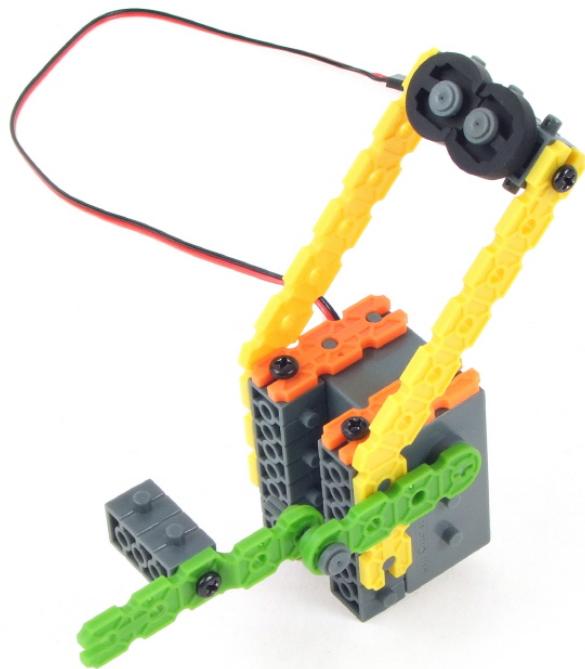
● X 1

● X 1

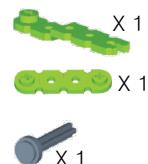
● (S) X 1



8

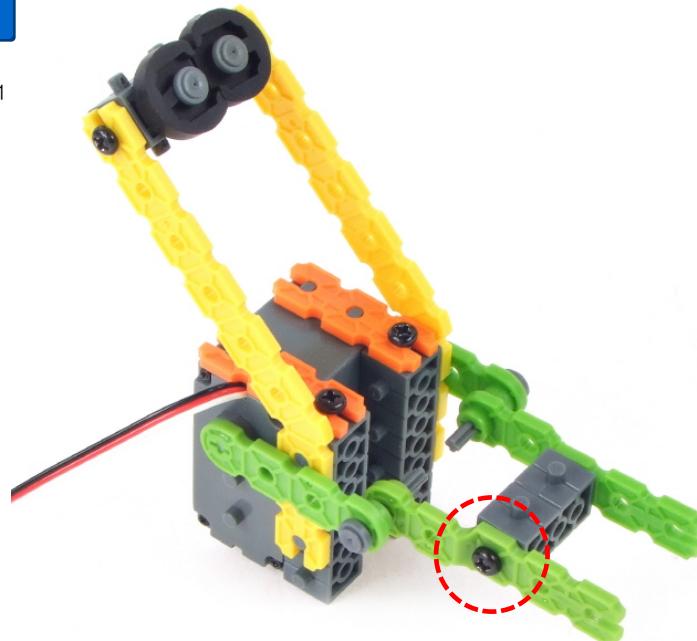


9



10

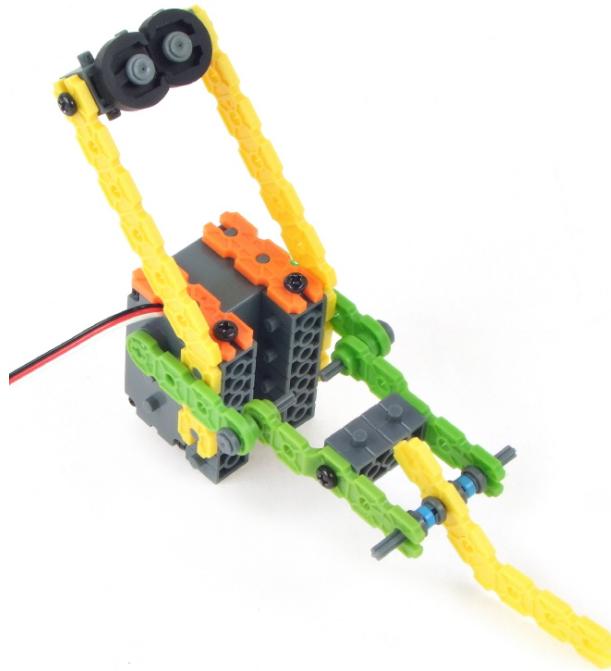
(S) X 1



11

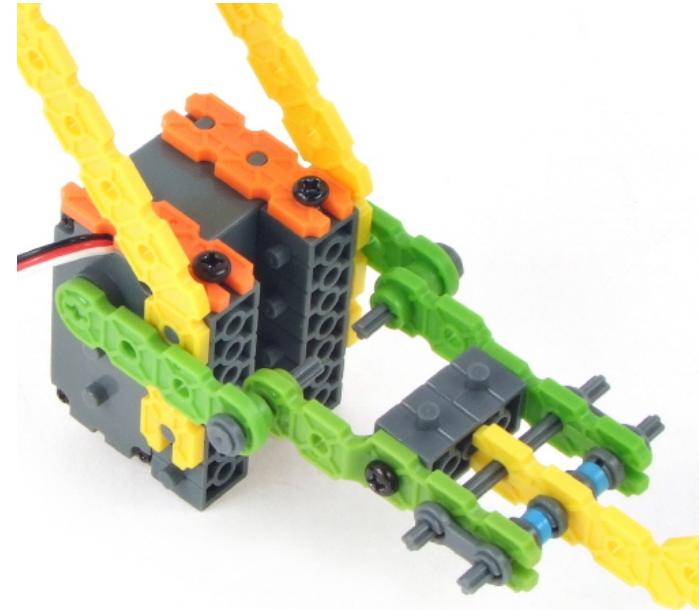


12



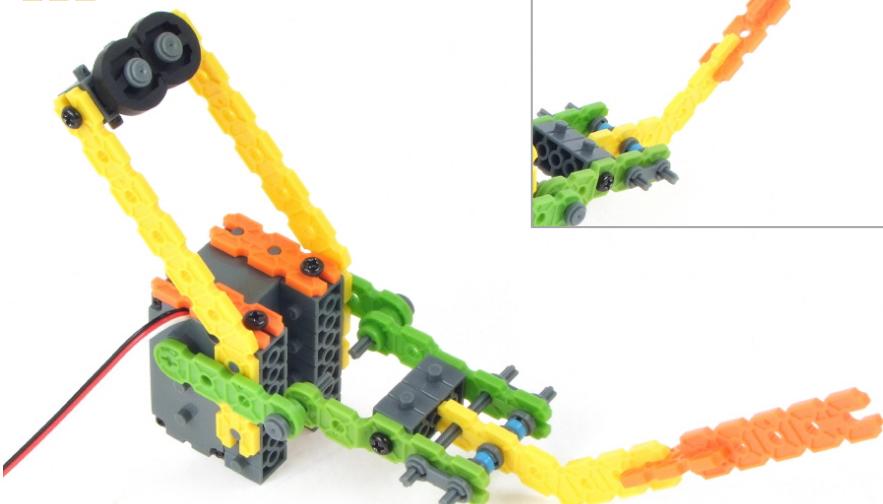
13

(M) X 1
X 2



14

3000C X 1
30C X 1



15

3000C X 2
30C X 1



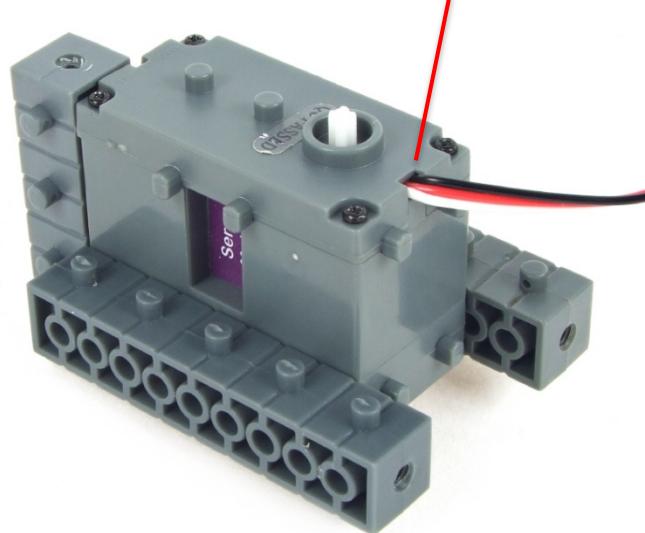
16

 X 1

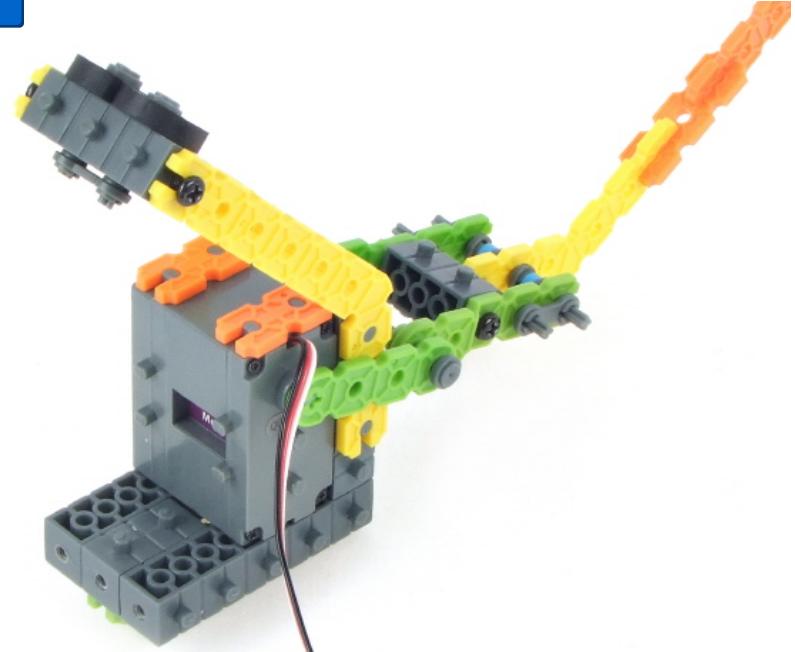
18



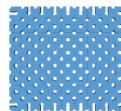
Servo motor X 1

 X 2 X 1

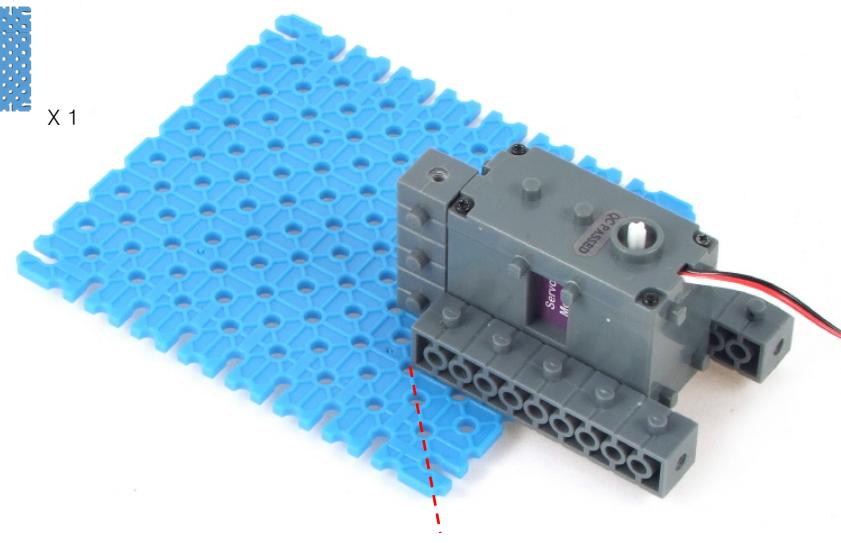
17



19

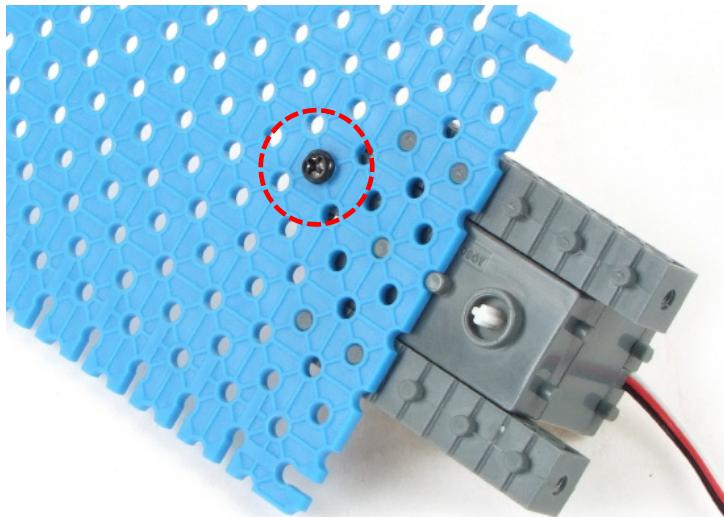


X 1



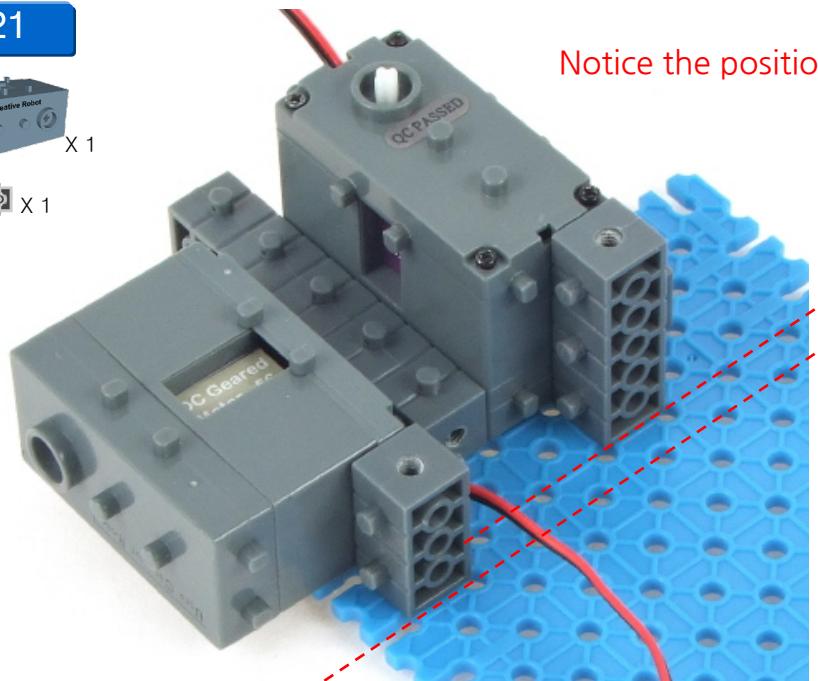
20

 (S) X 1



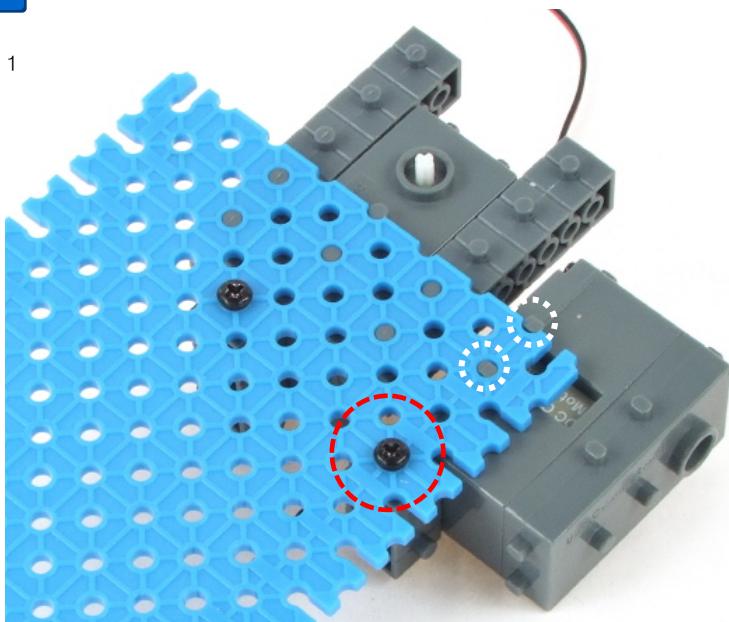
21

 X 1
 X 1



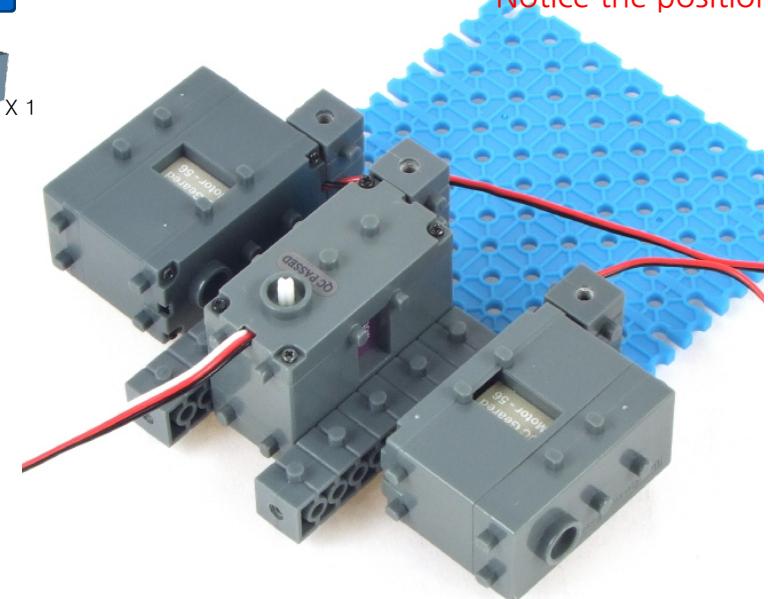
22

 (S) X 1



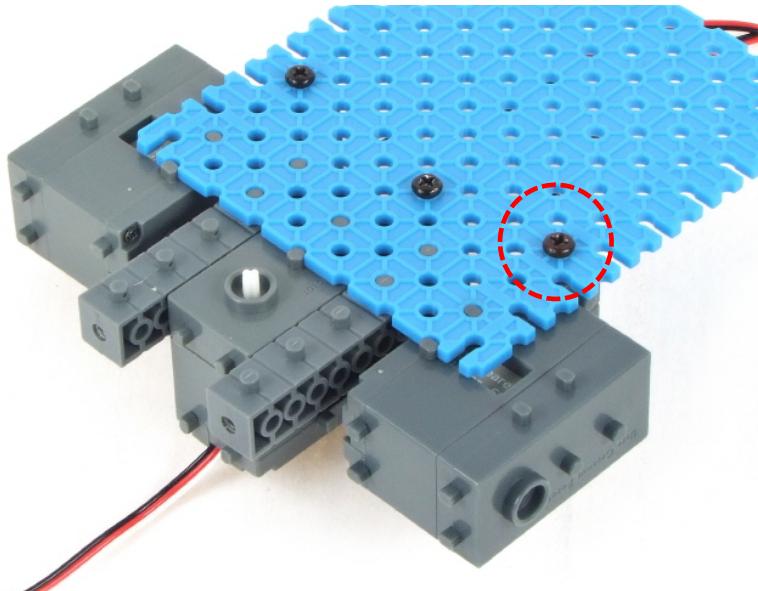
23

 X 1
 X 1



24

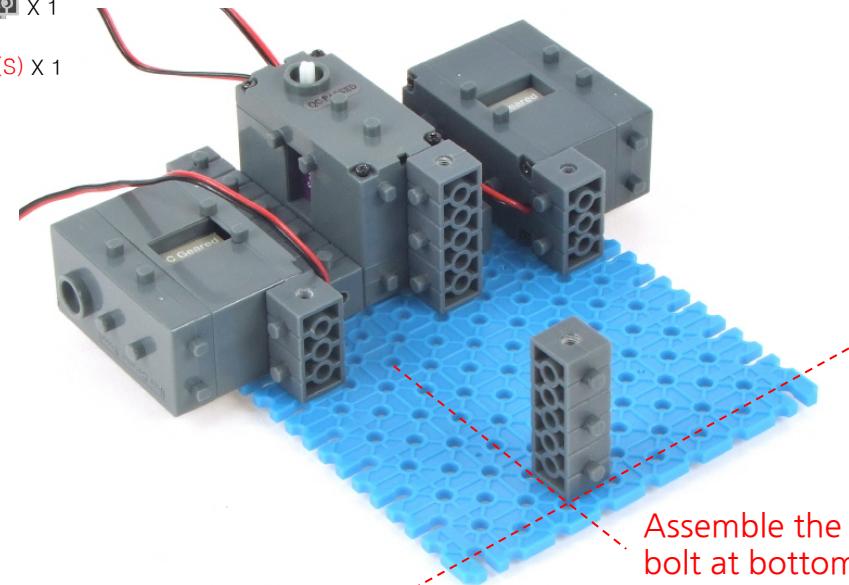
(S) X 1



25

(S) X 1

(S) X 1

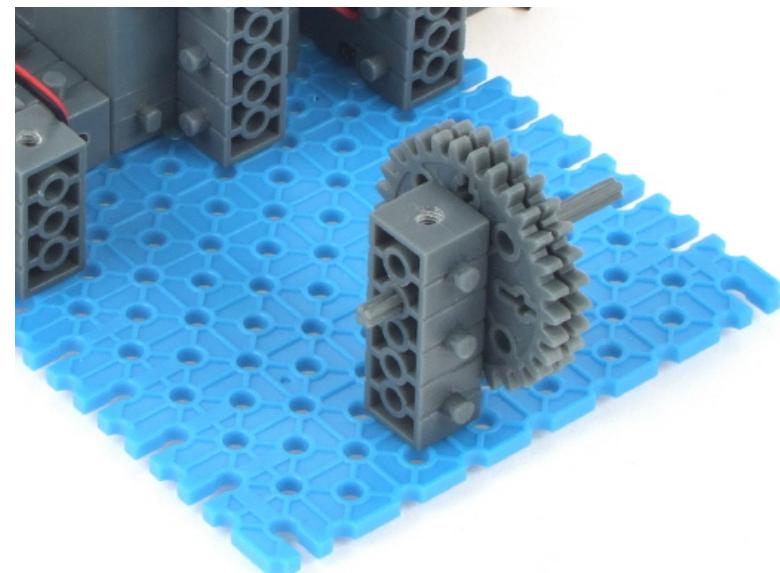


Assemble the
bolt at bottom

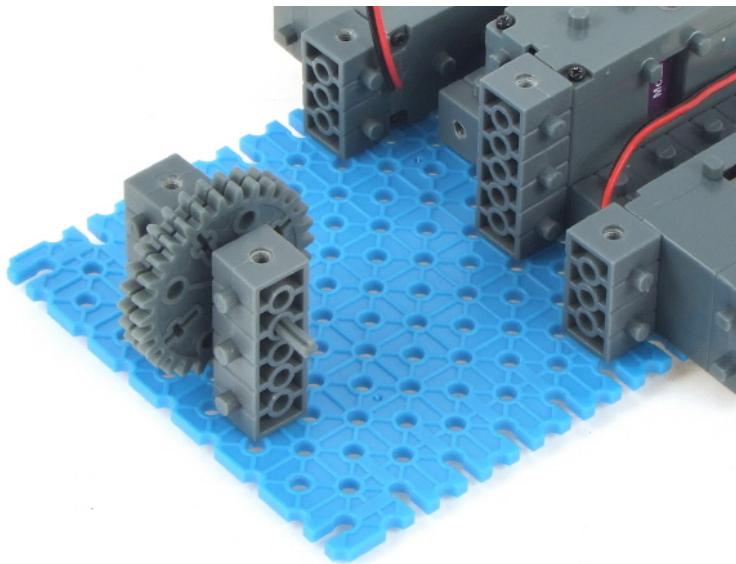
26

 (M) X 1
 X 2

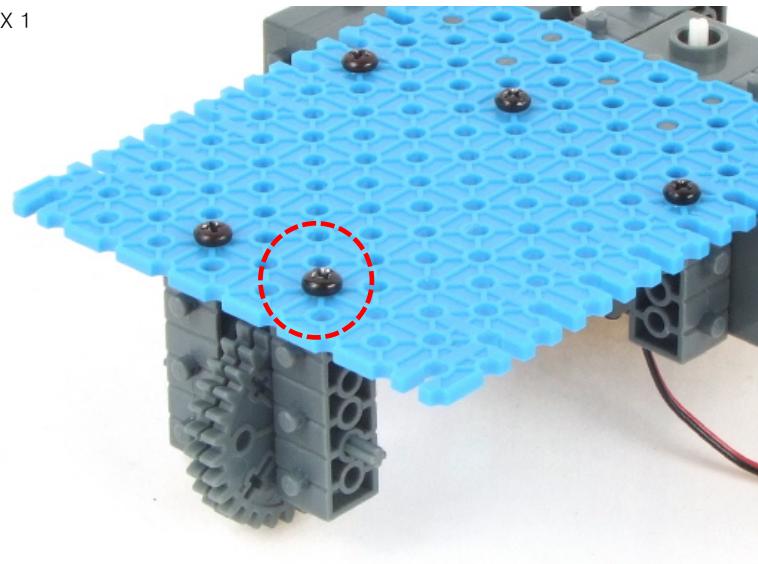
27



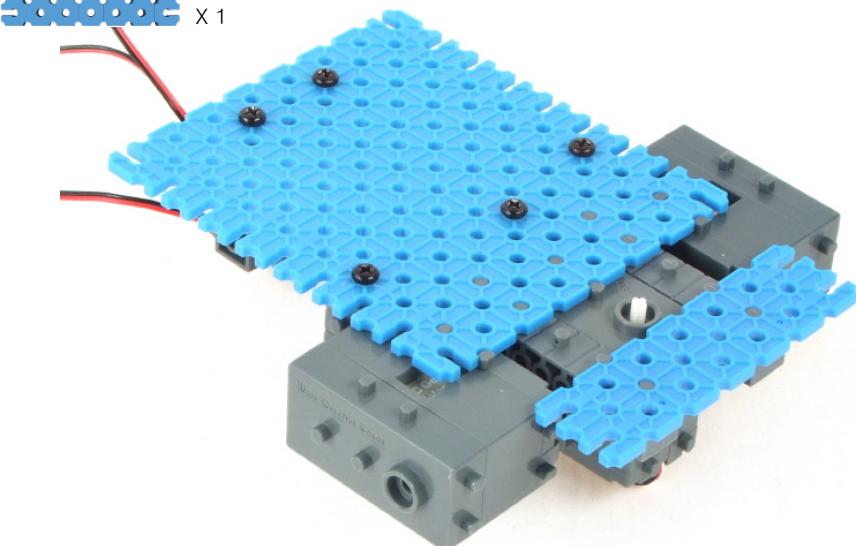
28



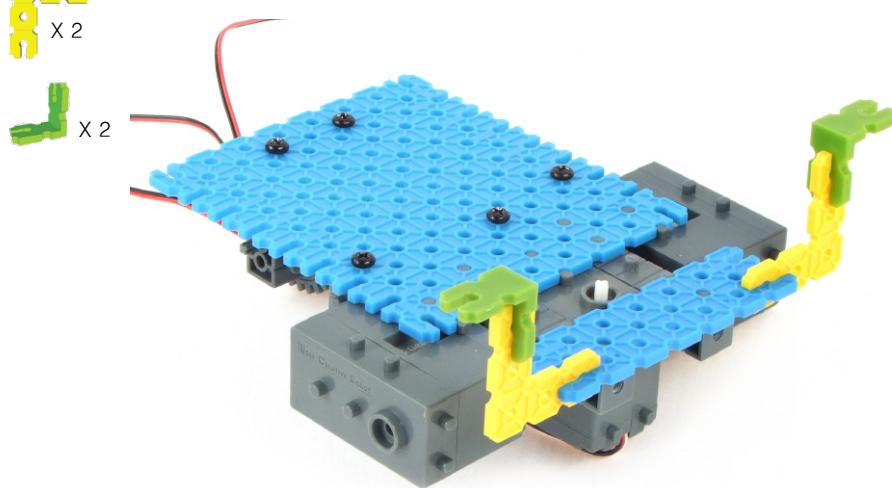
29



30



31



32



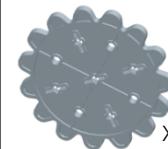
DC shaft X 2



X 4



33



X 2



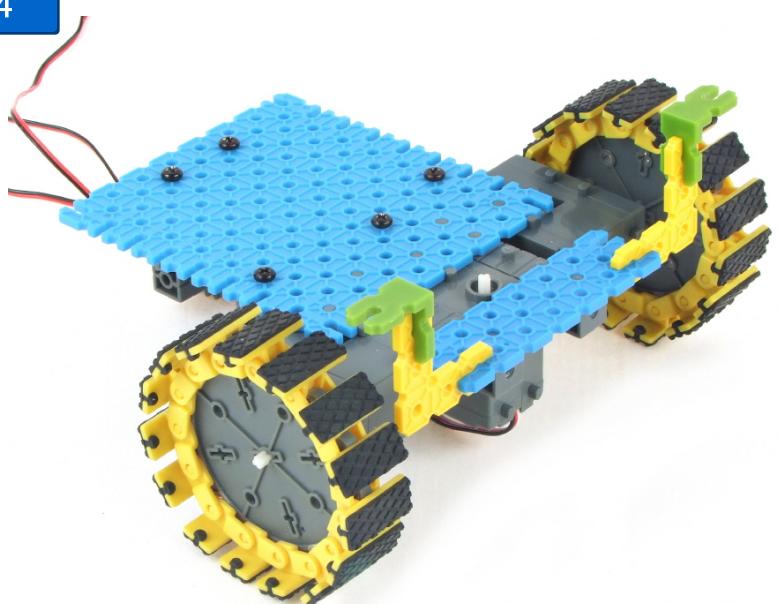
X 30



X 30



34



35



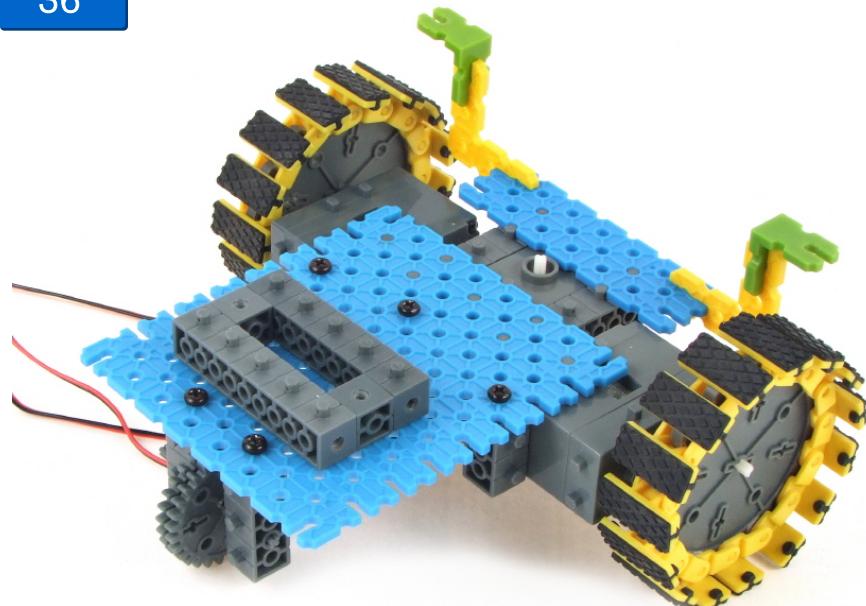
X 2



X 2

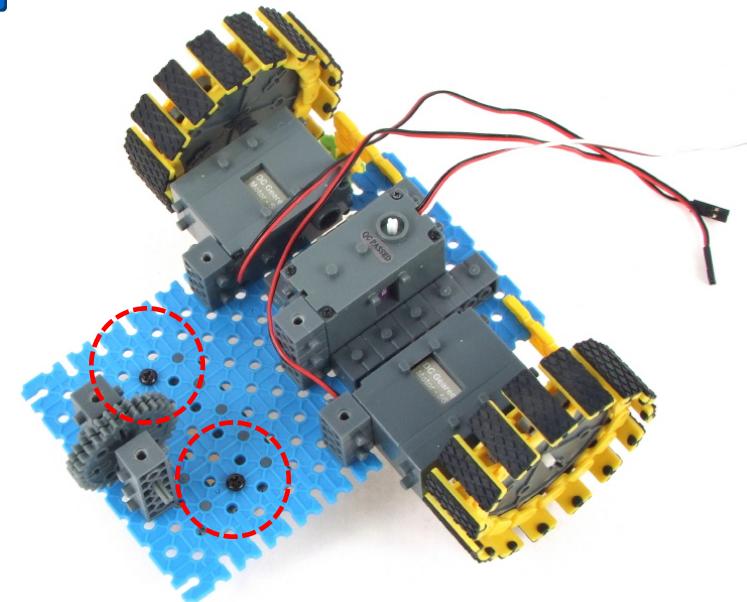


36

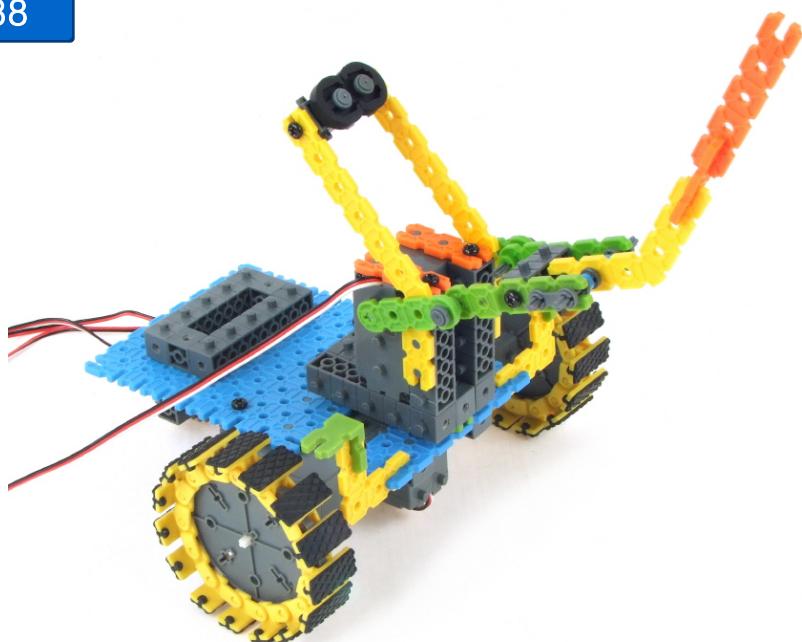


37

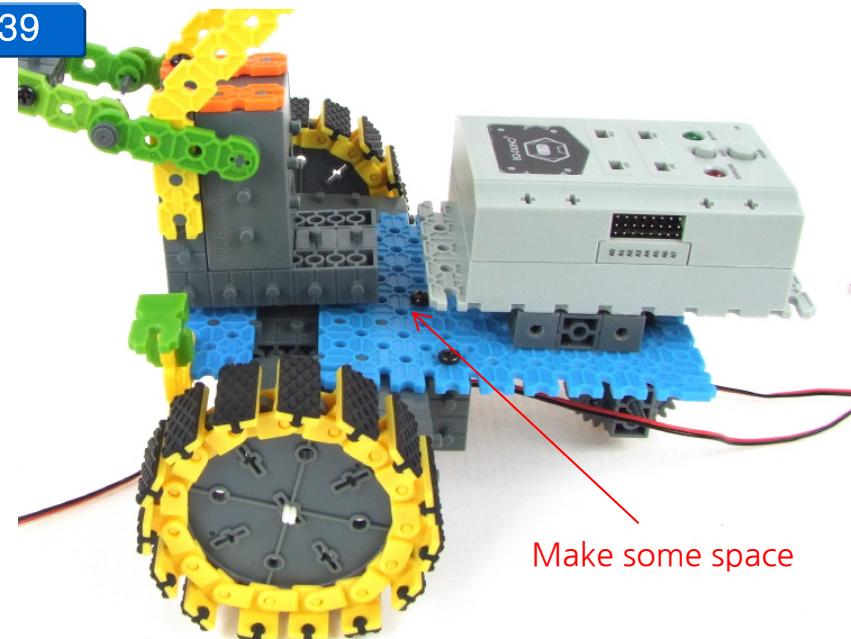
(S) X 2



38



39



Make some space

40

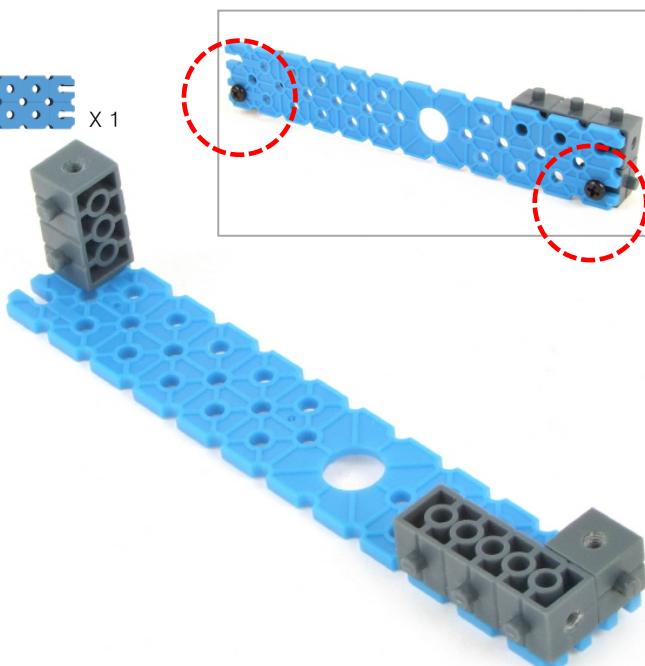


X 1

X 1

X 1

(S) X 2



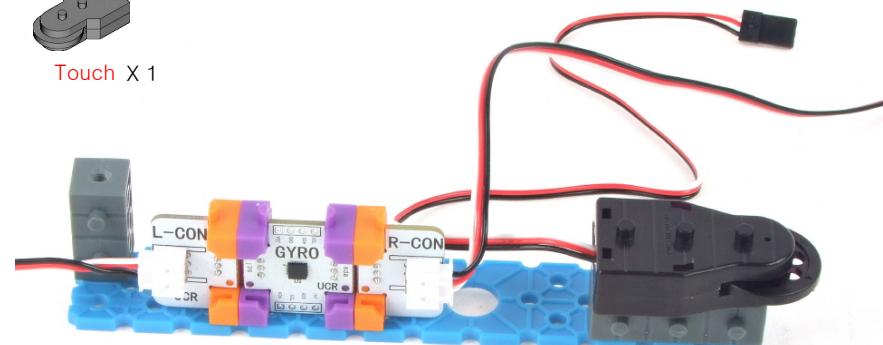
41



Gyro sensor



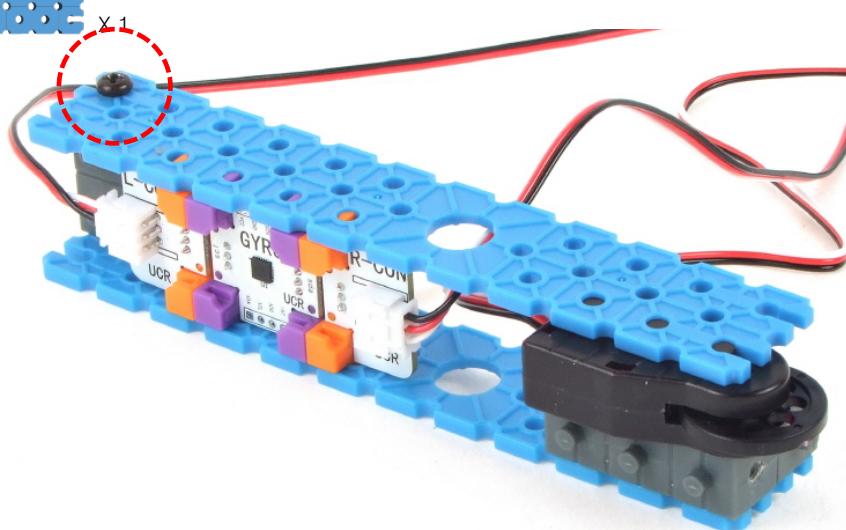
Touch X 1



Finish



(S) X 1





Connect to the main controller

