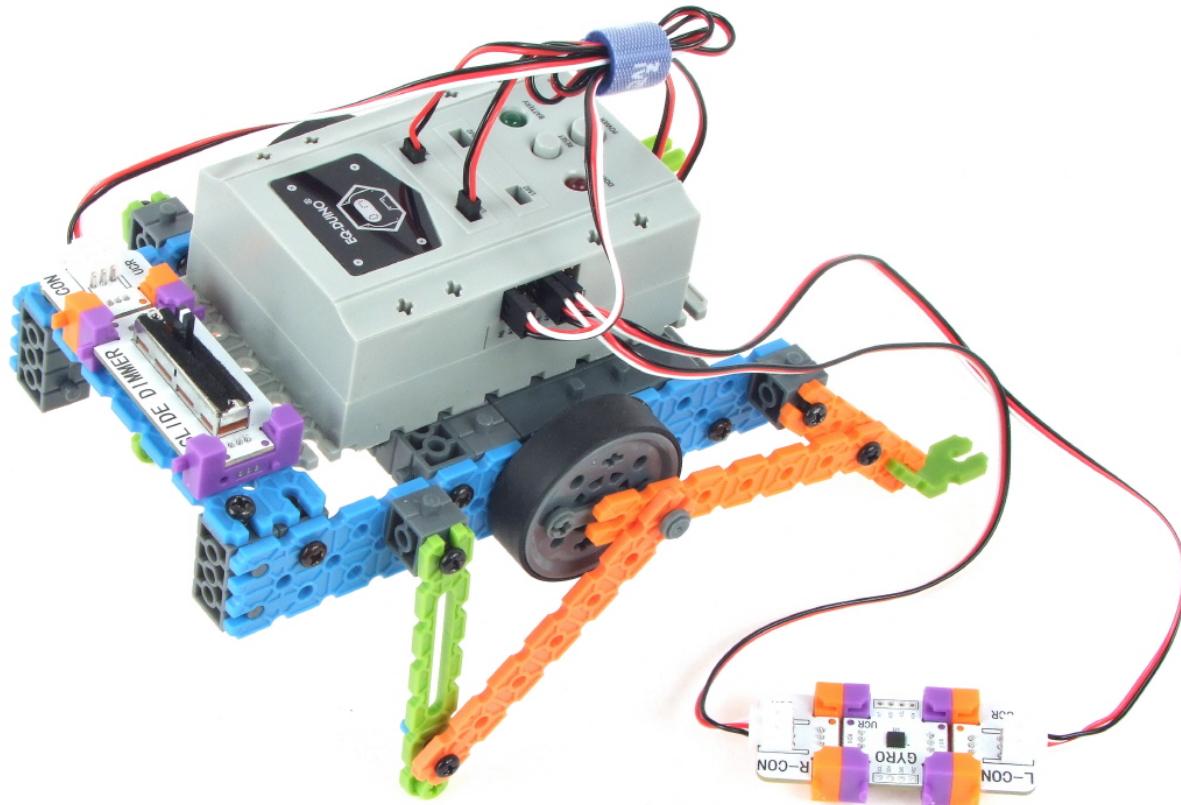


## 6. Gyro Walking Robot

You can control the walking robot using gyro sensor.

If you move the gyro sensor to right or left, the walking robot turn to right and left. And if you move the gyro sensor to front or back, the walking robot go to forward or backward. You can also control the speed using the slide dimmer.



## Part List



X 2



X 3



X 2



X 4



X 2



X 2



X 1



X 2



X 6



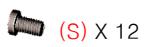
X 6



DC motor X 2



(L) X 8



(S) X 12



Slide Dimmer



Gyro sensor



X 2



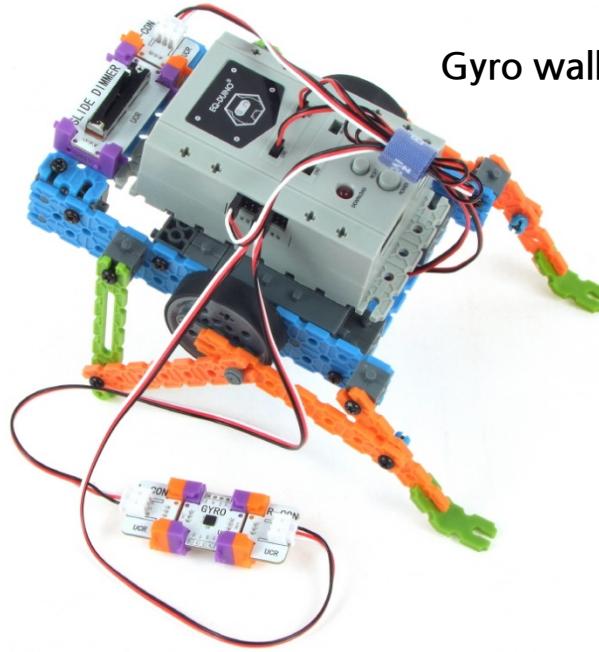
X 2



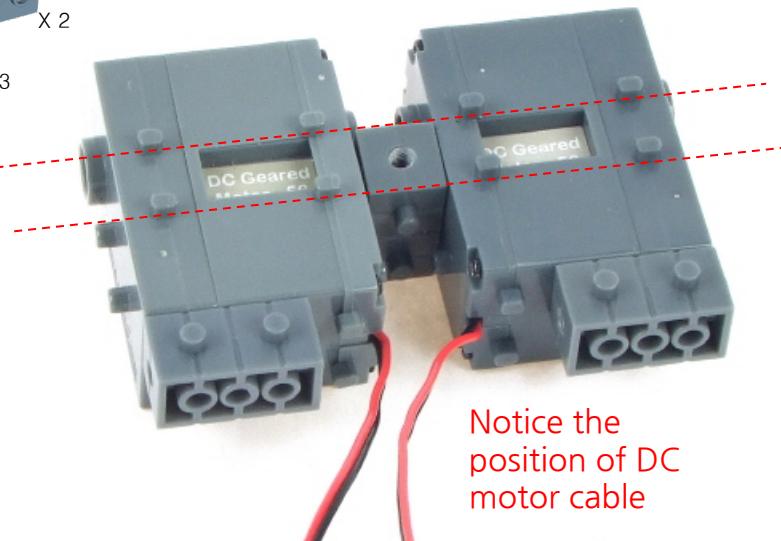
DC shaft X 2



X 2



Gyro walking robot

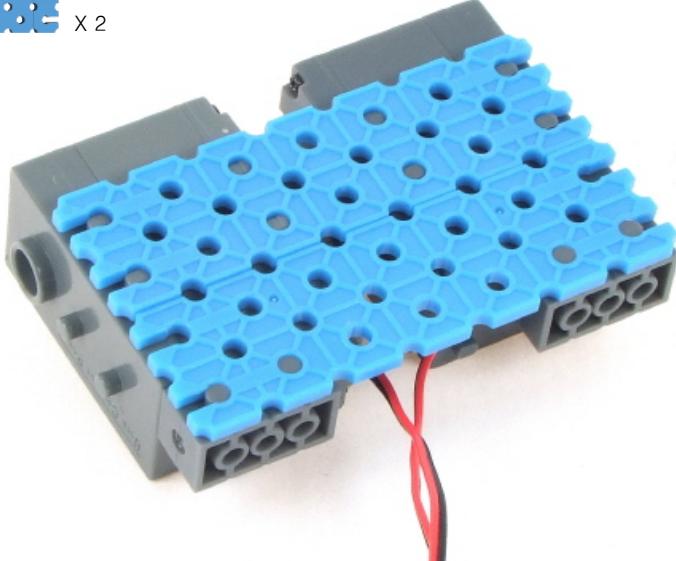


Notice the  
position of DC  
motor cable

2



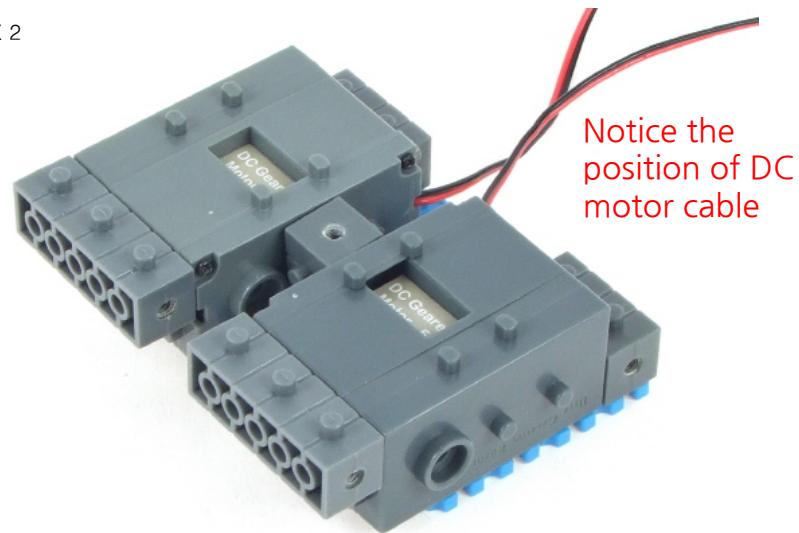
X 2



3

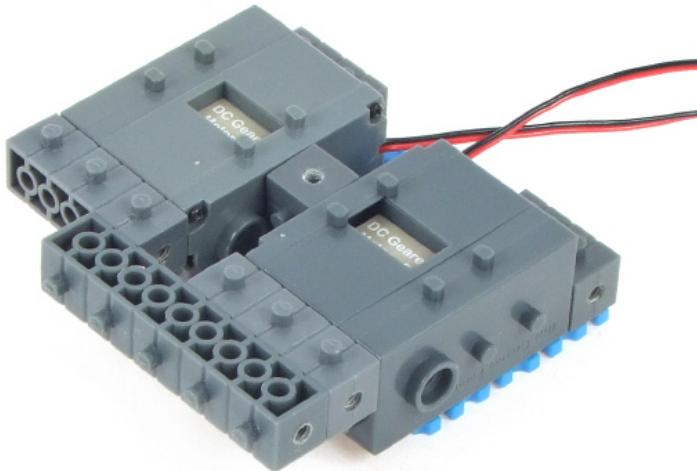


X 2

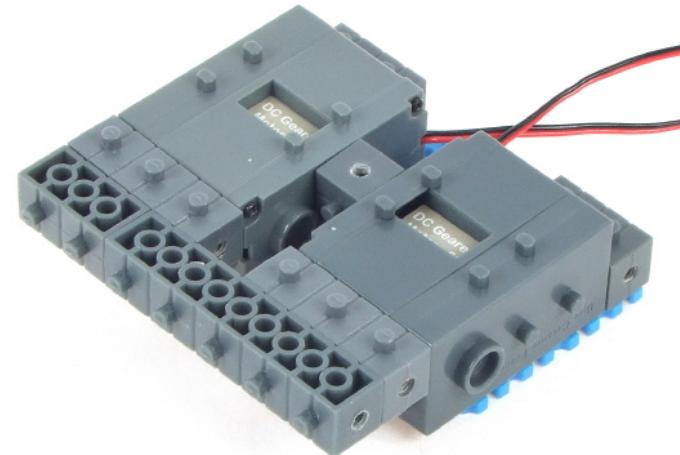


Notice the  
position of DC  
motor cable

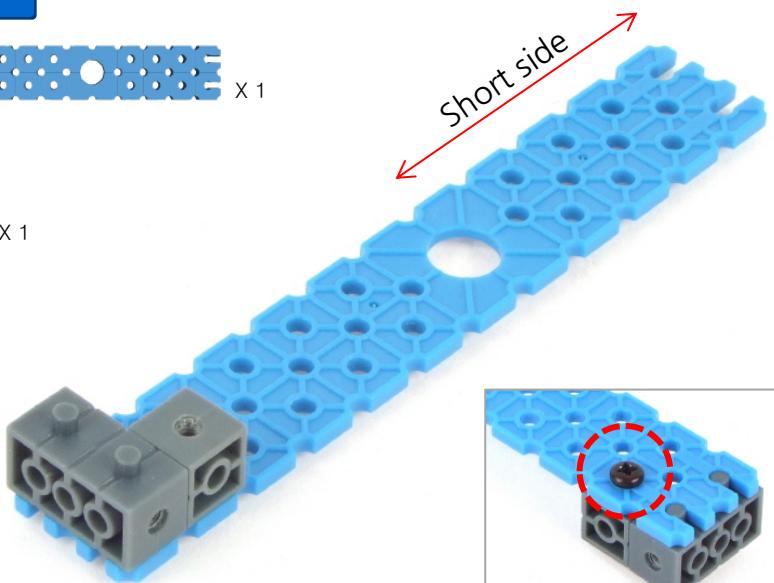
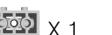
4



5



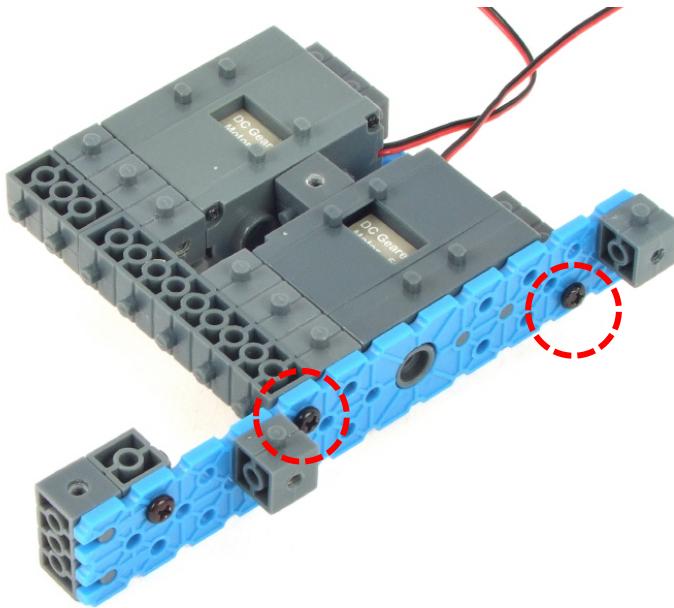
6



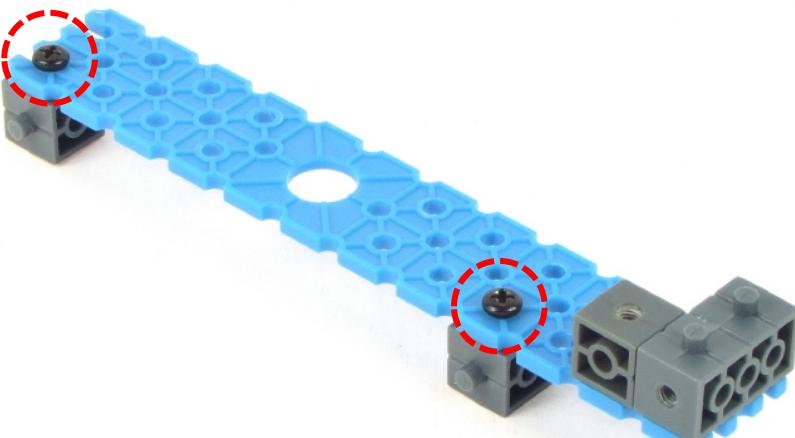
7



8

 (S) X 2


10

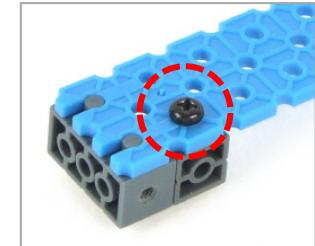
 X 2  
 (S) X 2


9

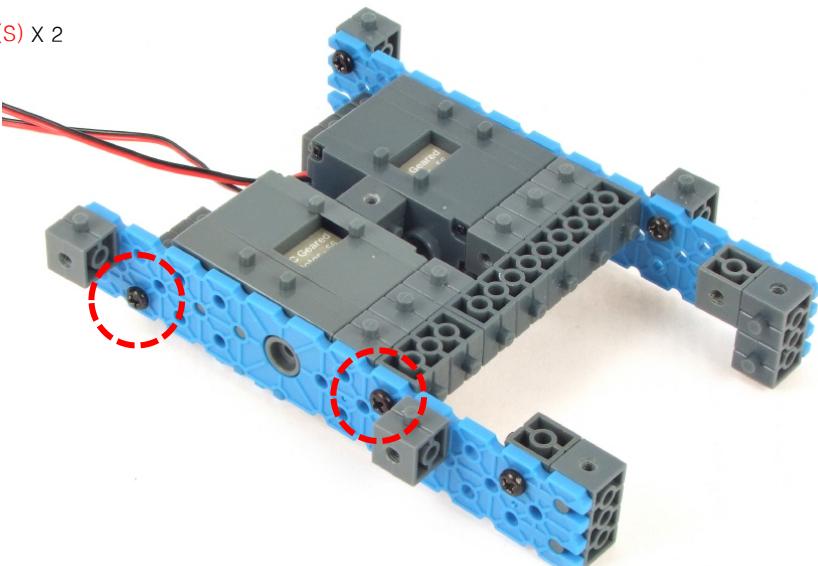
 X 1

 X 1

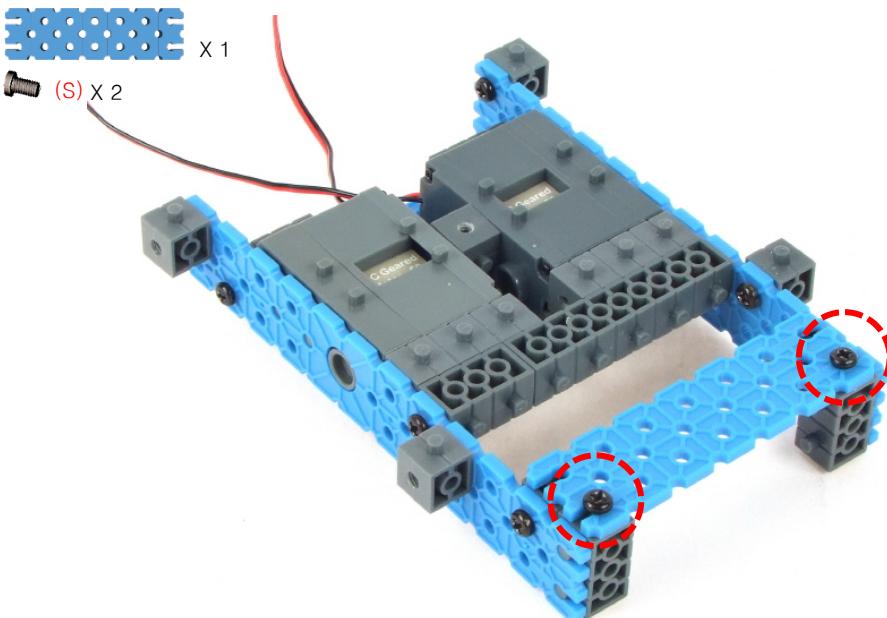
 (S) X 1

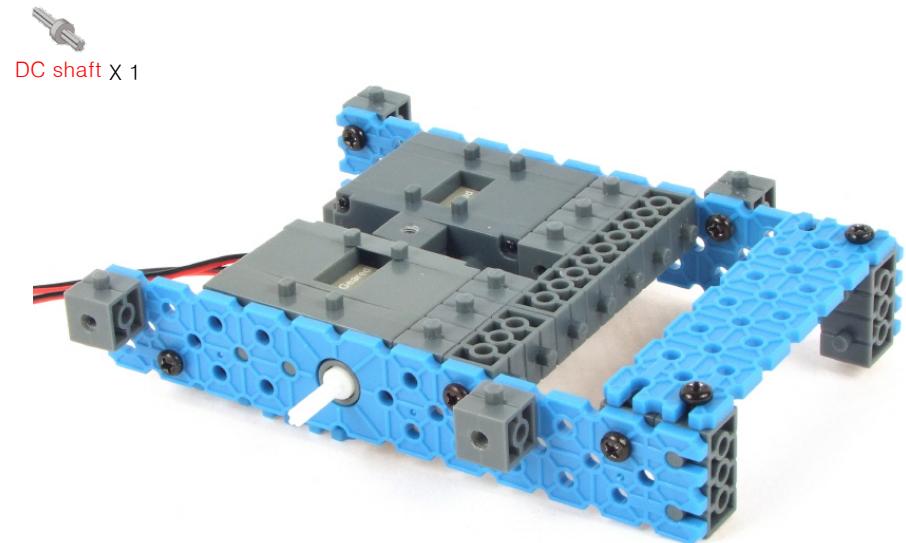
11

 (S) X 2


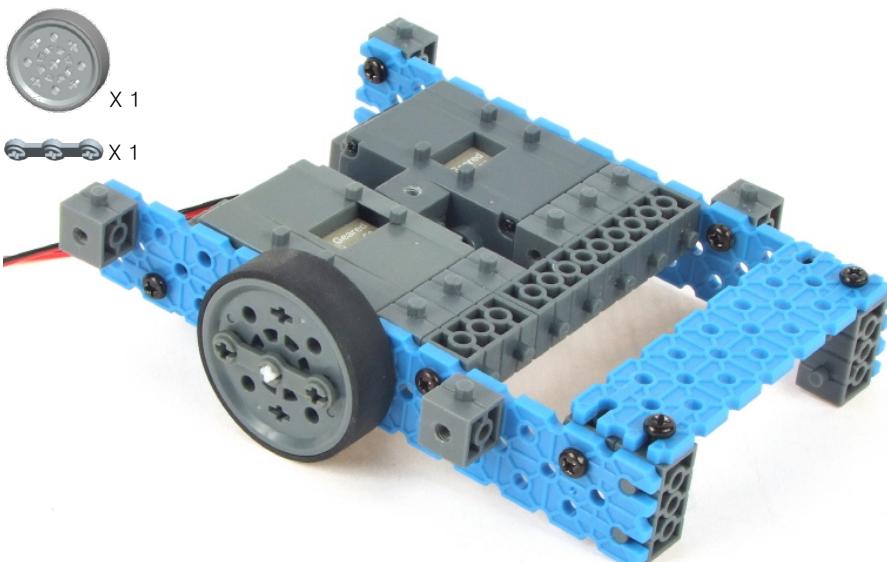
12



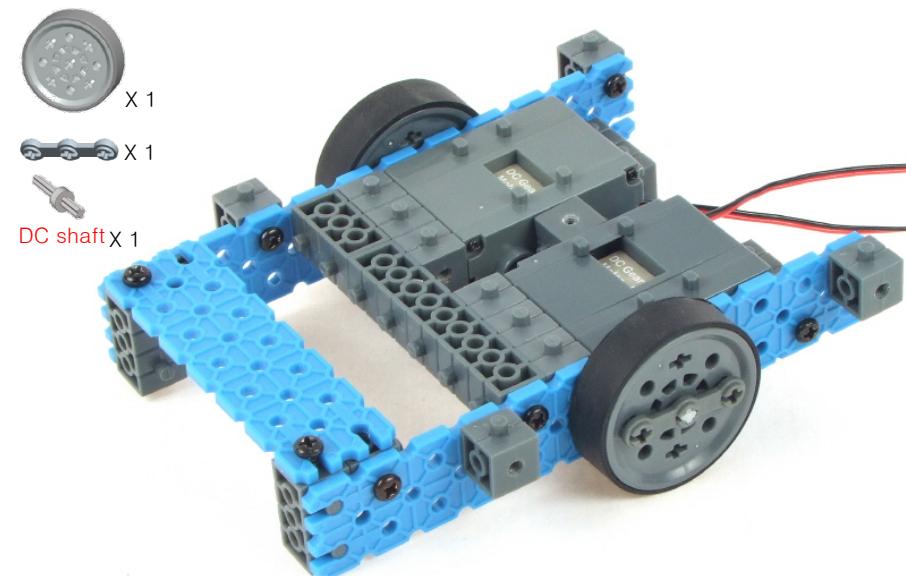
13



14



15



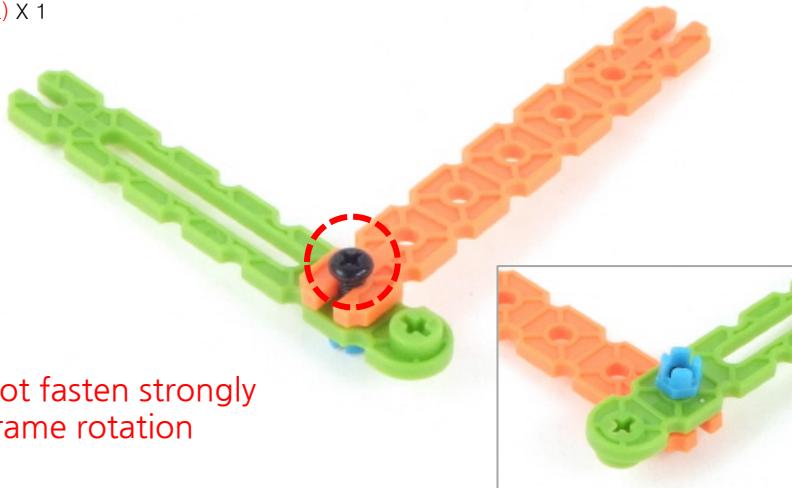
16

3000000C X 1

3000000C X 1

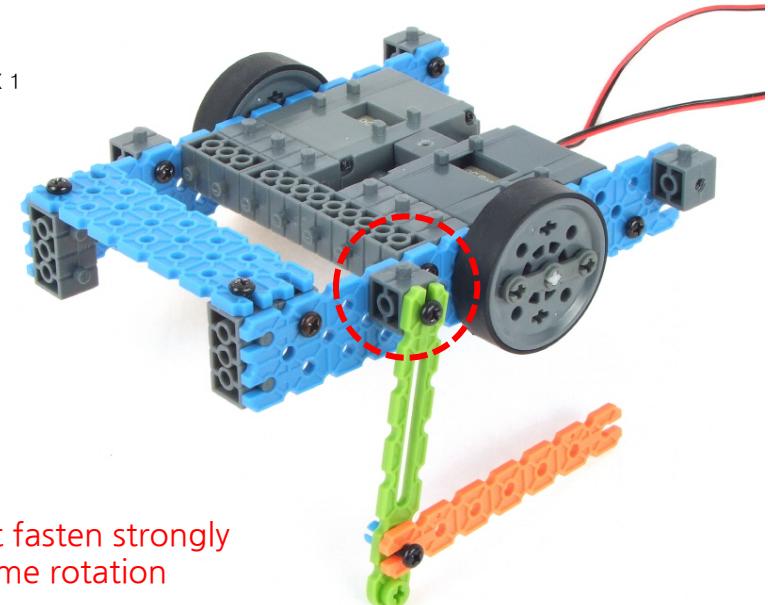
Screw (L) X 1

Nut X 1



17

Screw (L) X 1



18

3000000C X 1

3000000C X 1

L-shaped connector X 1

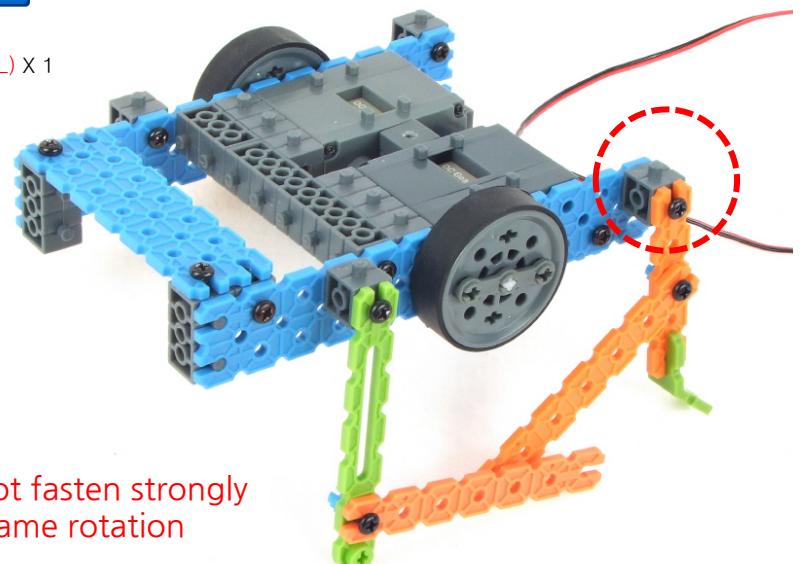
Screw (L) X 1

Nut X 1

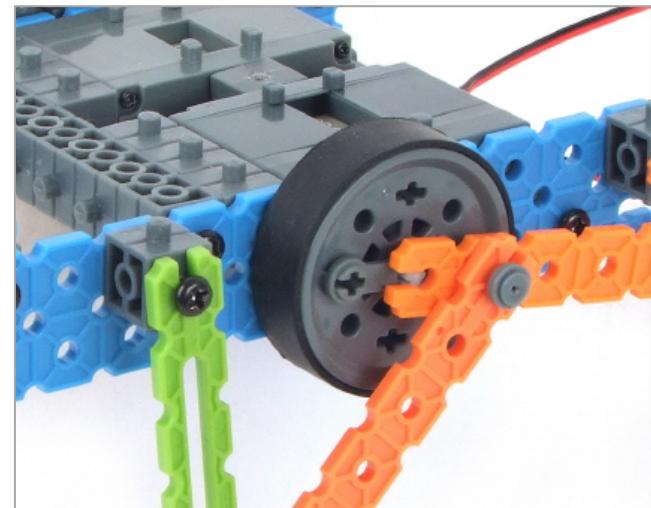
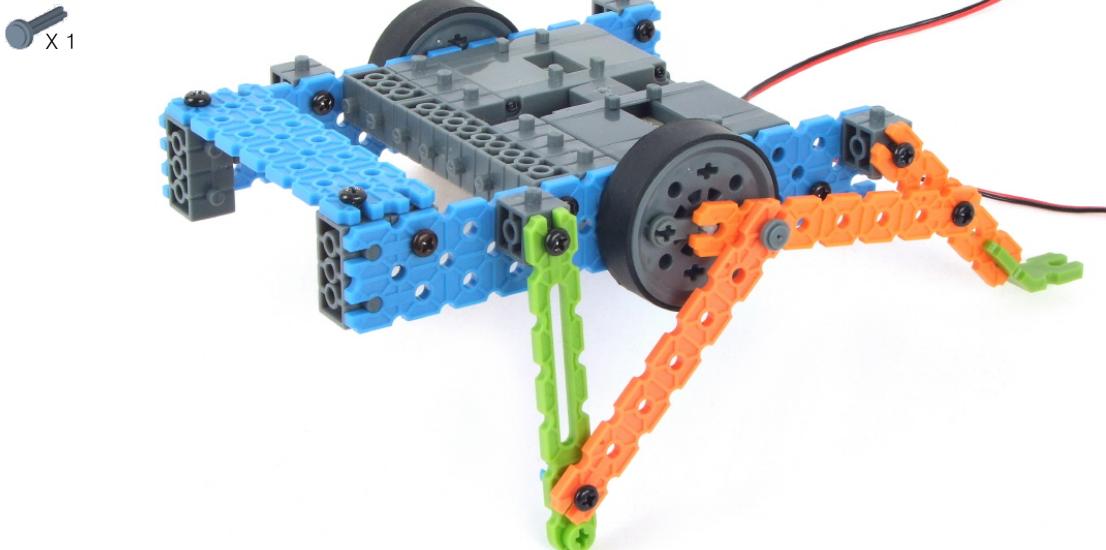


19

Screw (L) X 1



20



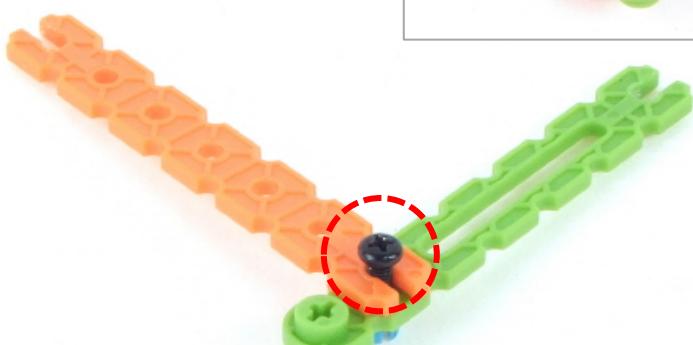
21

**300000C** x 1

X 1

(L) X 1

X 1

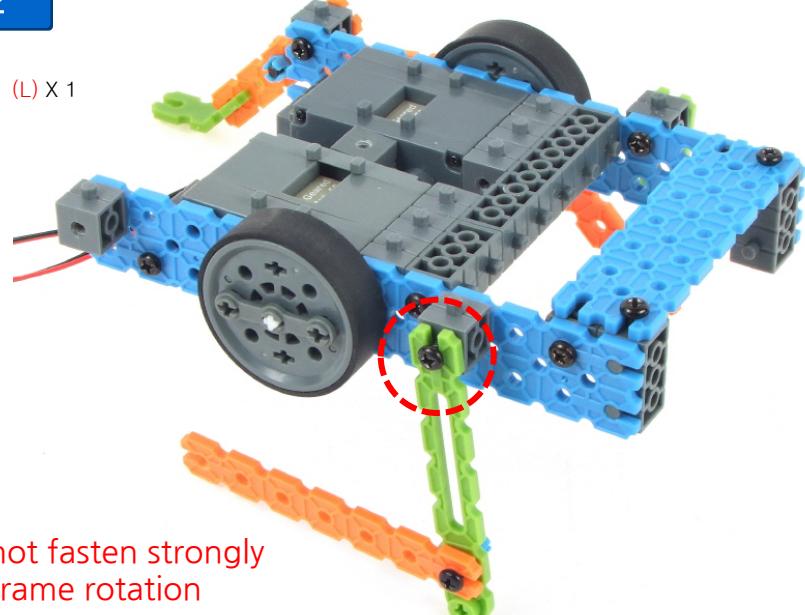


Do not fasten strongly  
for frame rotation



22

(L) X 1



Do not fasten strongly  
for frame rotation

23

300000OC X 1

30000C X 1

30000L X 1

30000S (L) X 1

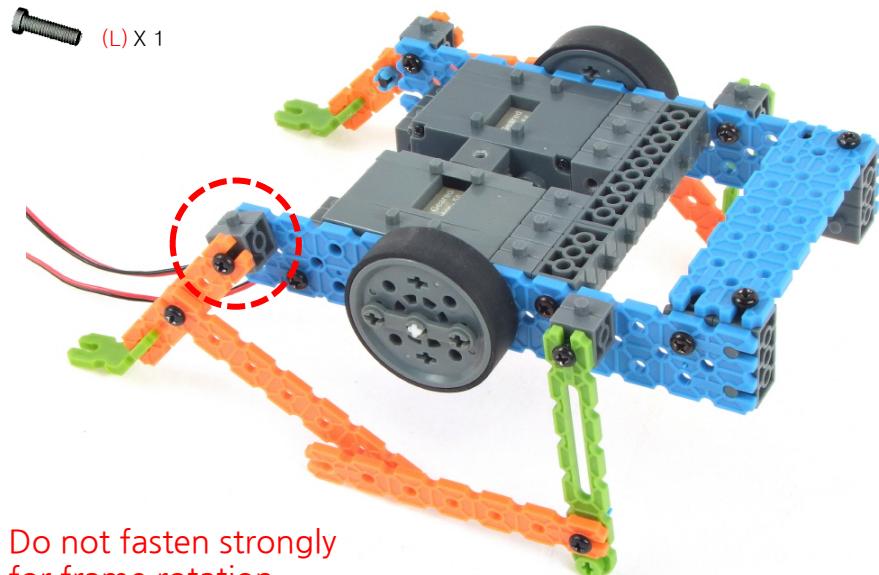
30000H X 1



Do not fasten strongly  
for frame rotation

24

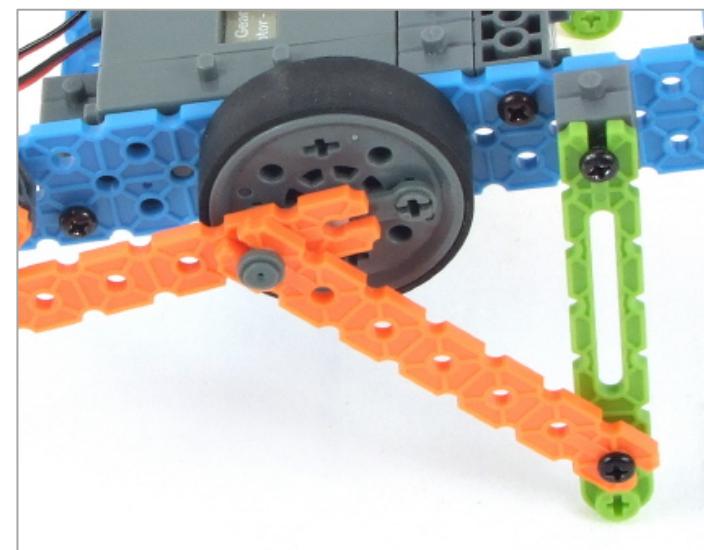
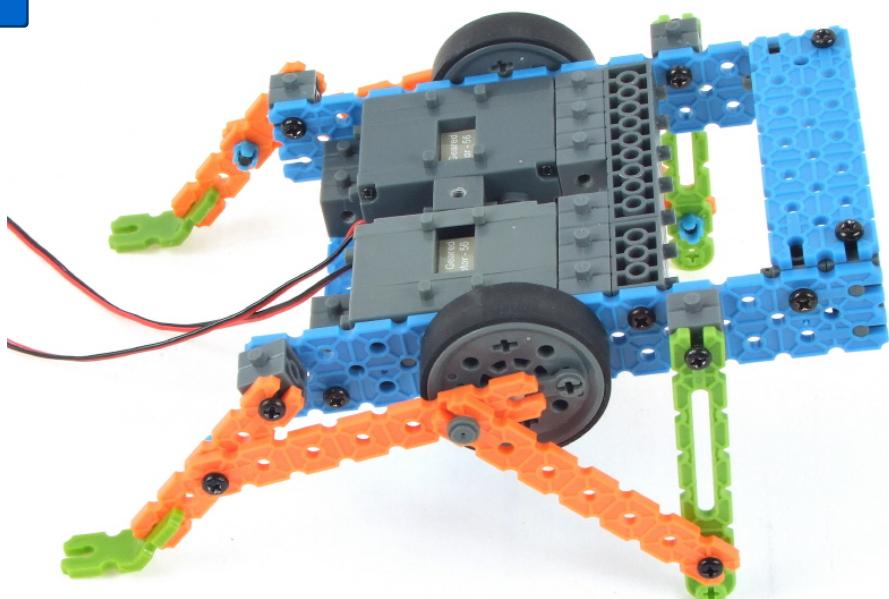
30000S (L) X 1



Do not fasten strongly  
for frame rotation

25

30000H X 1



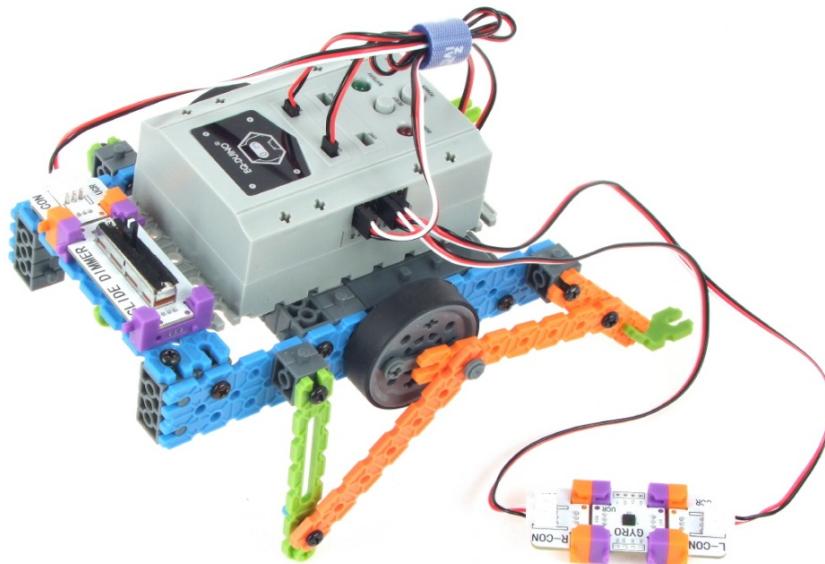
Finish



Slide Dimmer



Gyro sensor





Connect to the main controller

