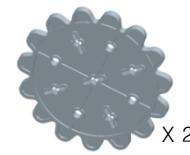
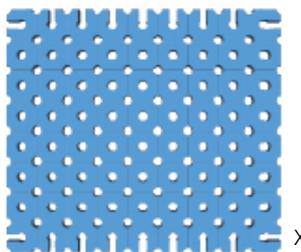


11. Battle Robot

The battle robot searches the enemy robot during turning right, if he does find the enemy robot, go to the enemy and attack them with front arm. During attack, battle robot does something ceremony.



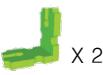
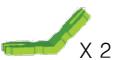
Part List



Ultrasonic sensor

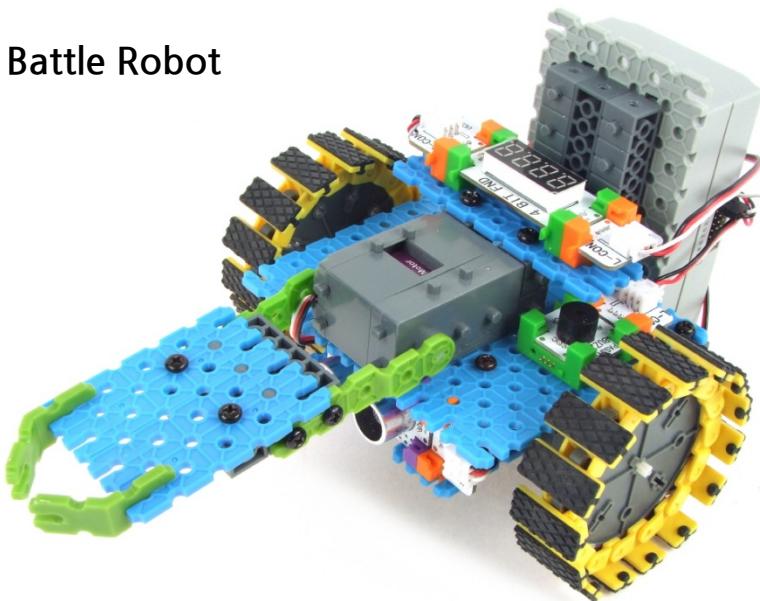


Melody Buzzer

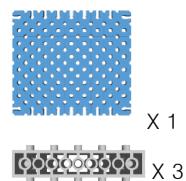


The servo motor must be positioned the output shaft as 90 degree at this model.

Battle Robot

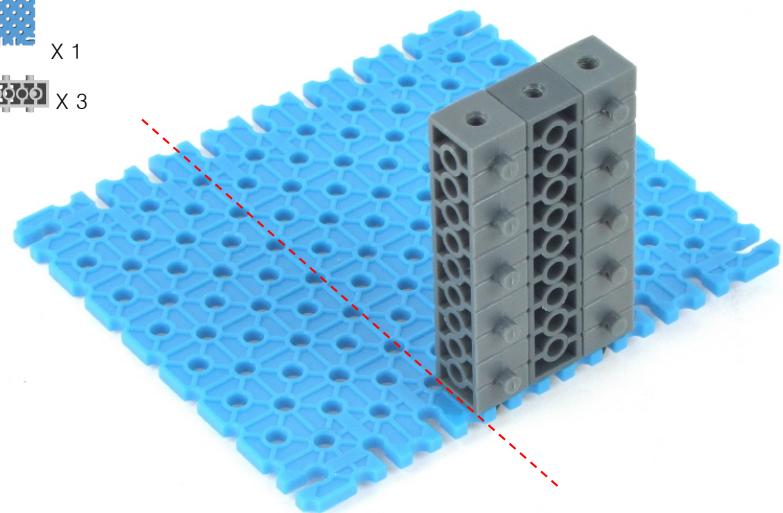


1



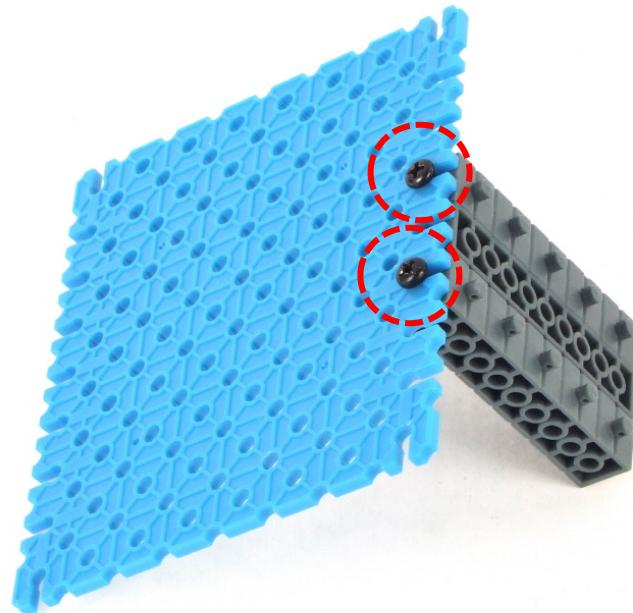
X 1

X 3



2

(S) X 2

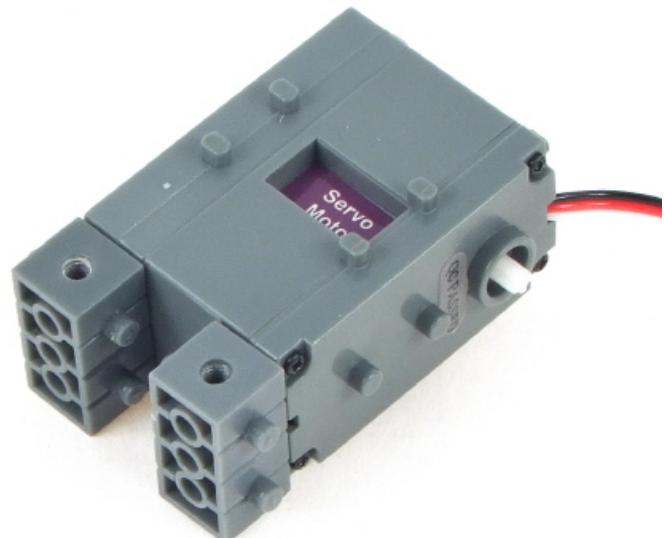


3

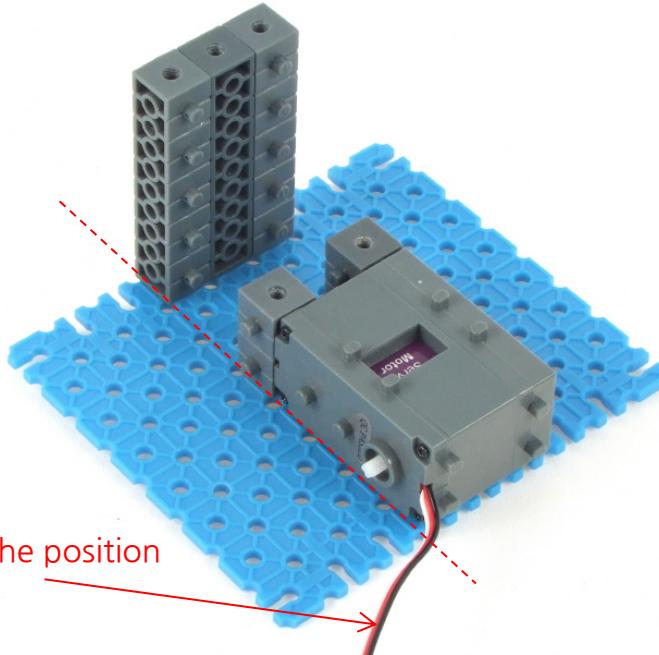


Servo motor X 1

X 2



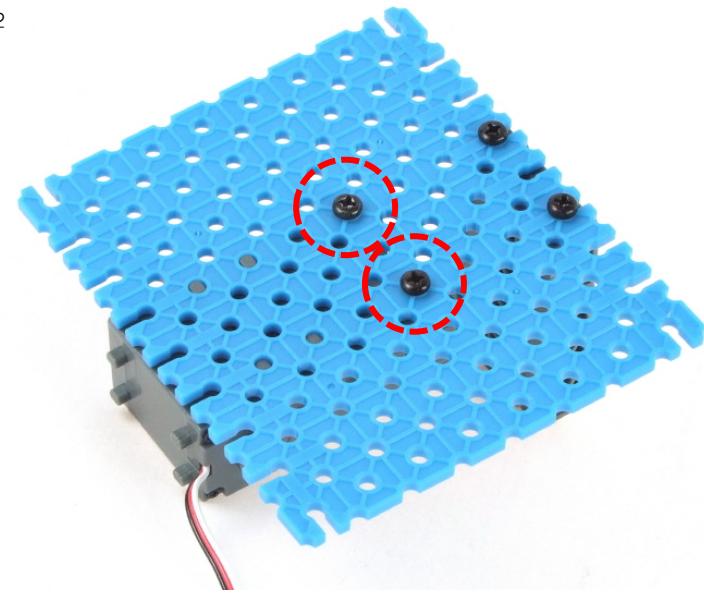
4



Notice the position

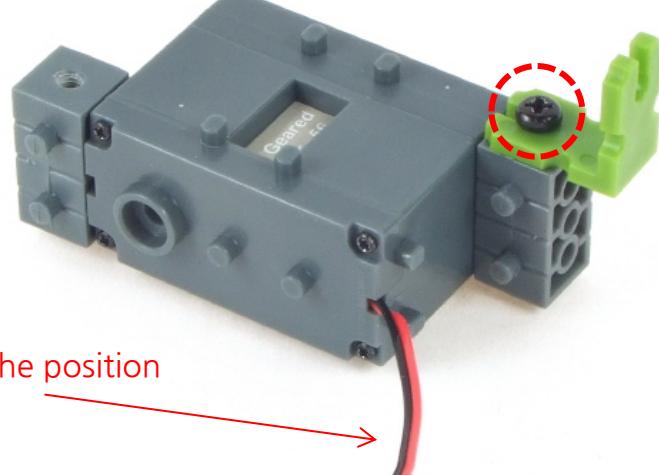
5

(S) X 2



6

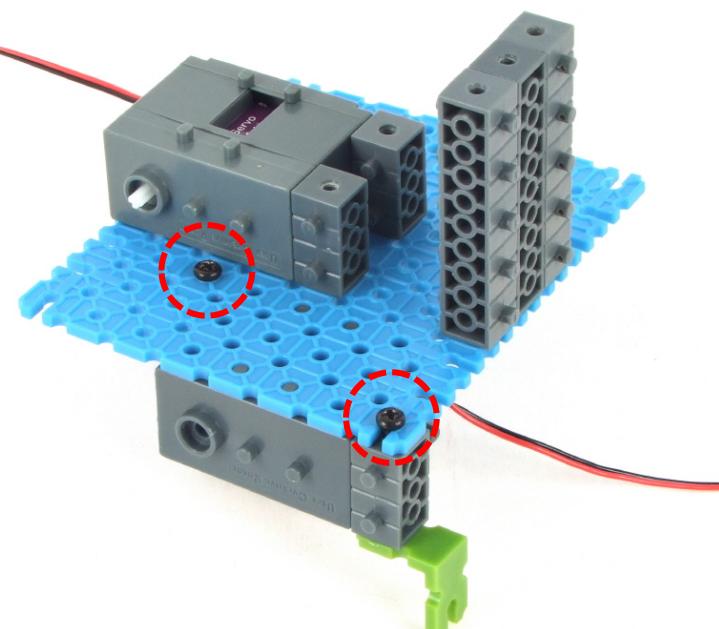
X 1
 X 2
 X 1
 (S) X 1



Notice the position

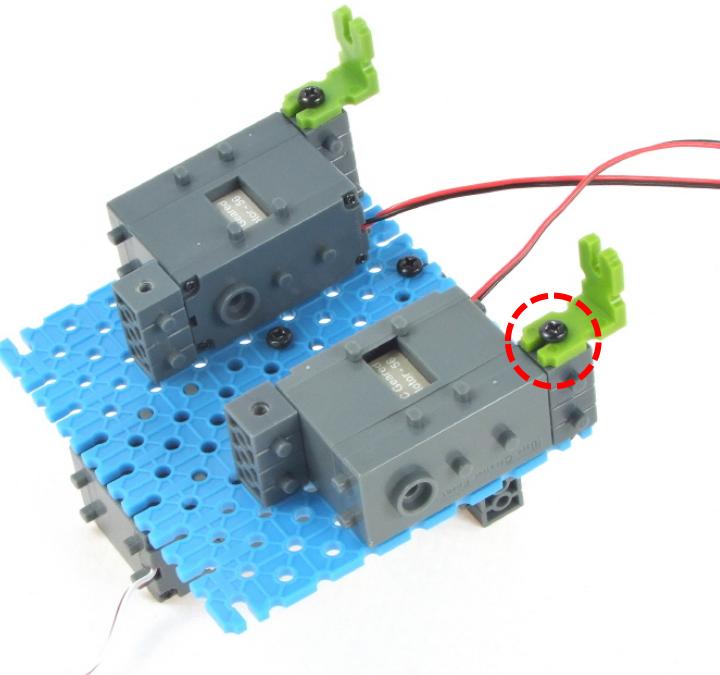
7

(S) X 2



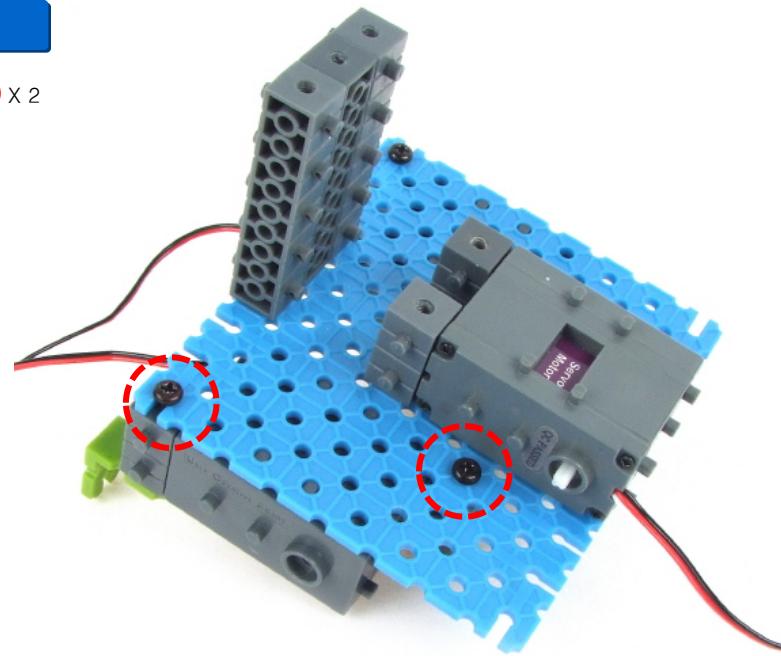
8

-  X 1
 X 2
 X 1
 (S) X 1



9

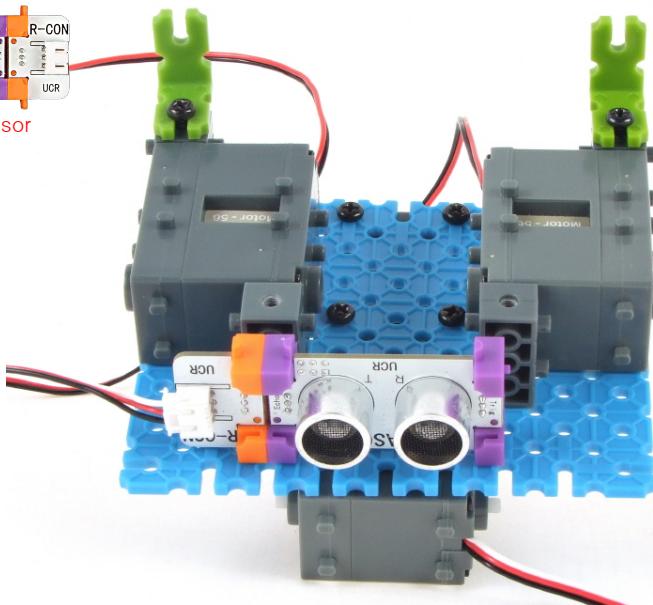
-  (S) X 2



10

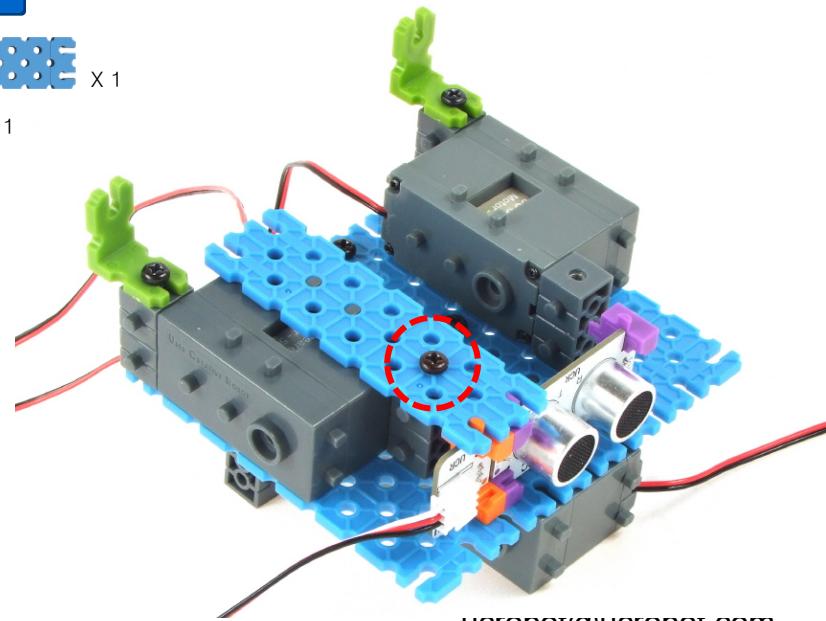


Ultrasonic sensor



11

-  X 1
 (S) X 1



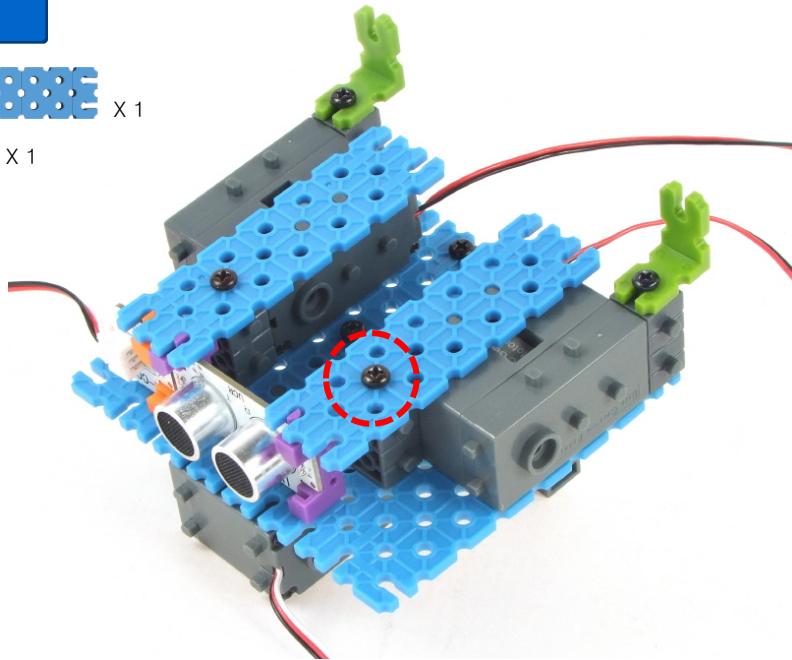
12



X 1



(S) X 1



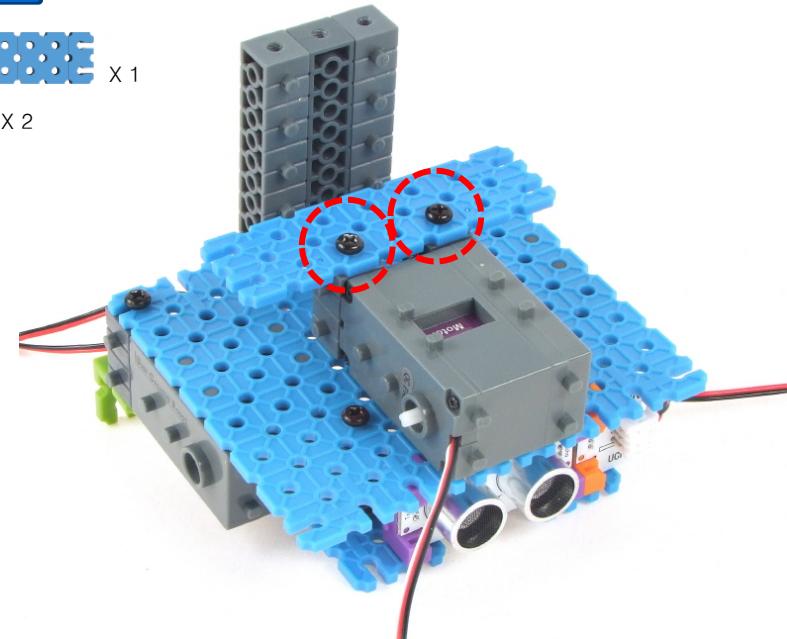
13



X 1



(S) X 2



14



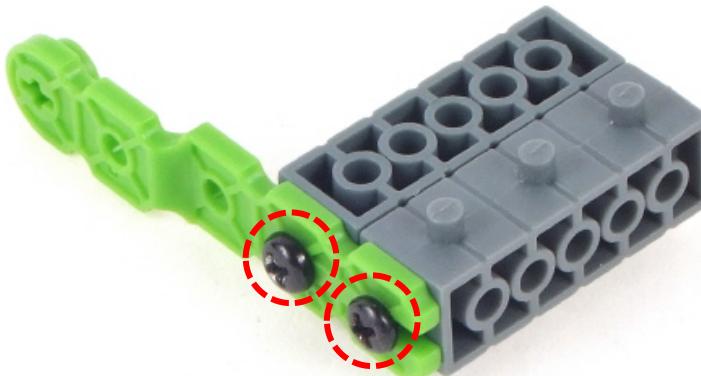
X 1



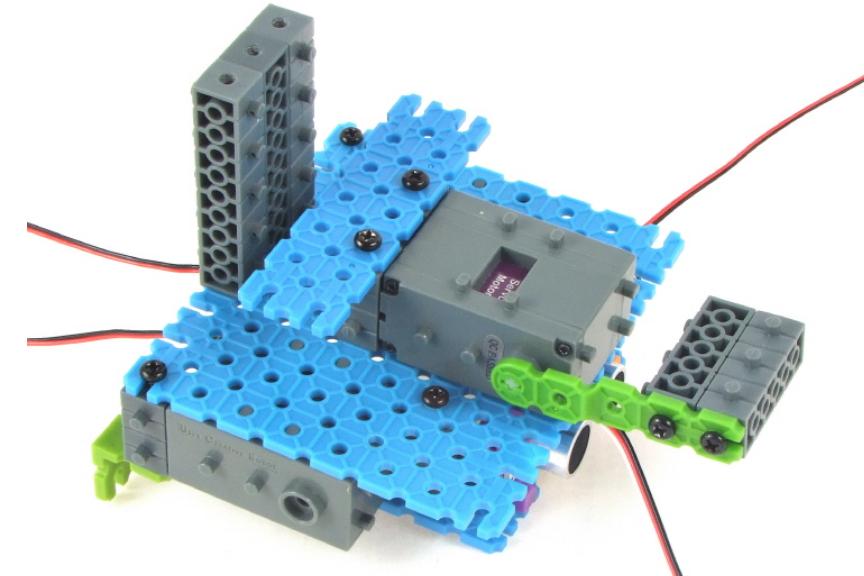
X 2



(S) X 2

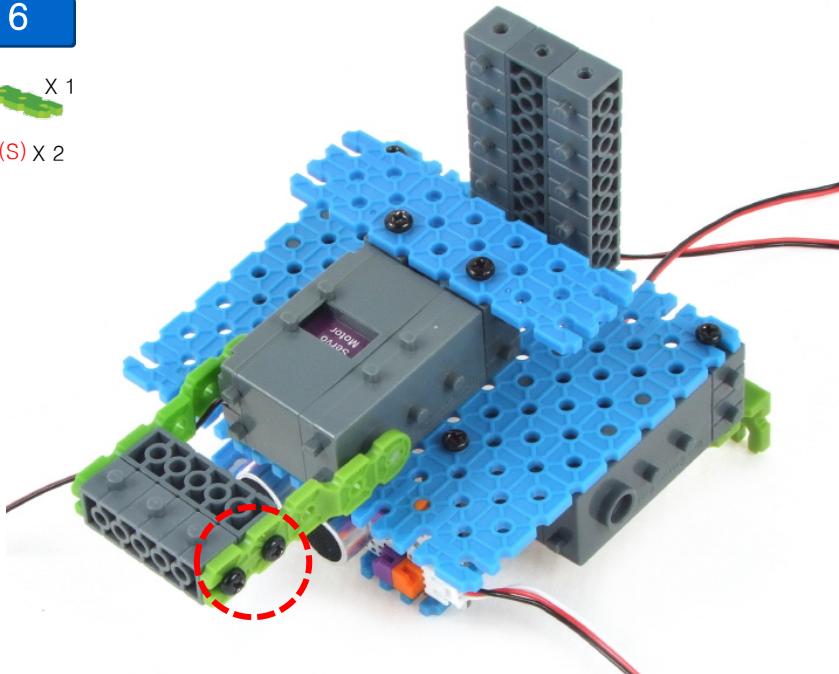


15



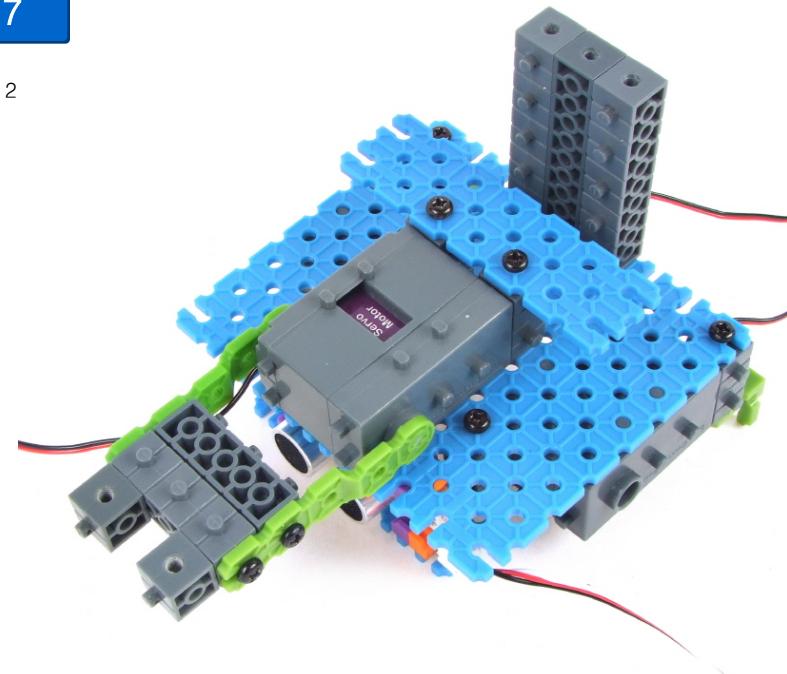
16

 X 1
 (S) X 2



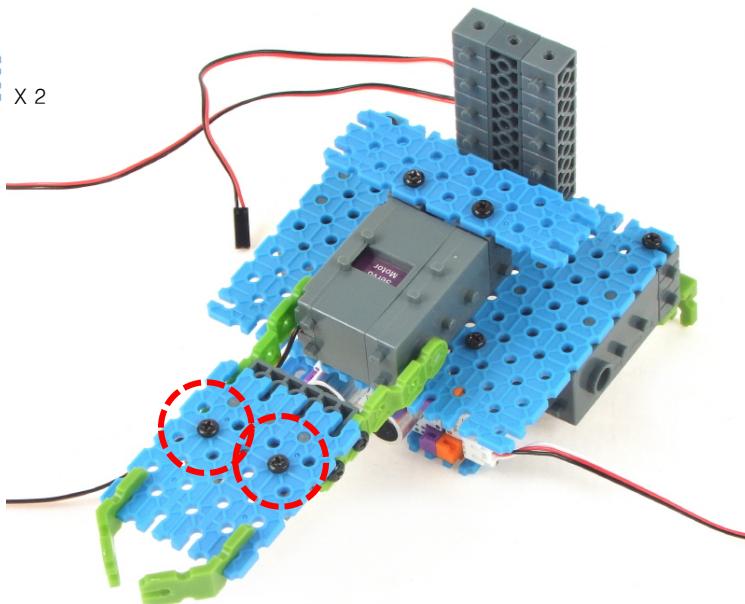
17

 X 2



18

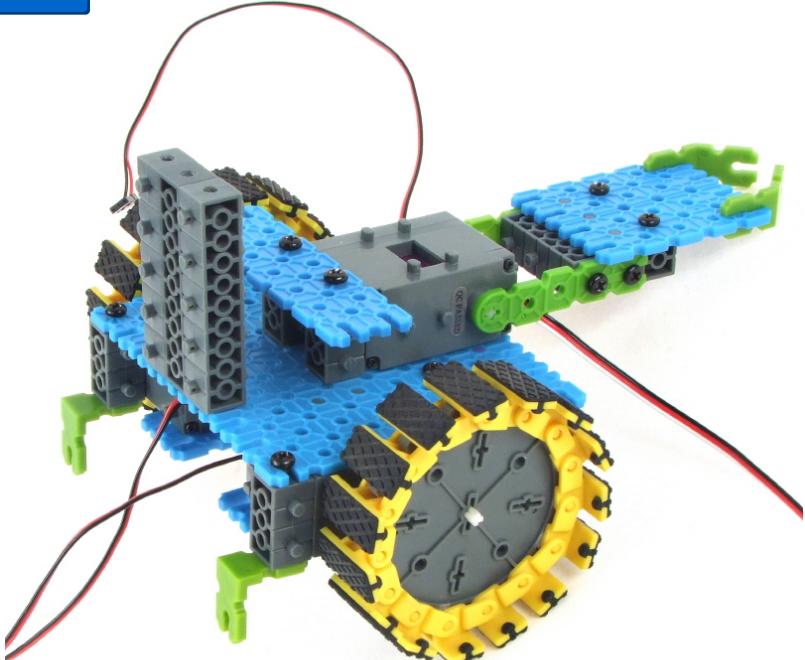
 X 2
 X 2
 (S) X 2



19

 X 30  X 30  X 4
 X 2 DC shaft X 2





Finish



4bit FND display



Melody Buzzer





Connect to the main controller

