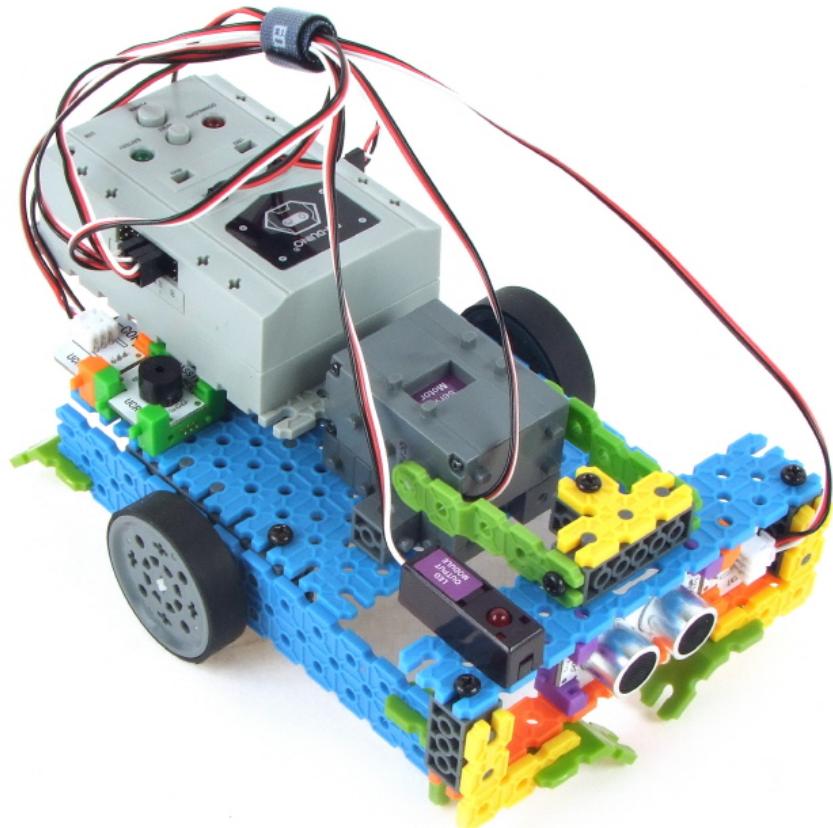
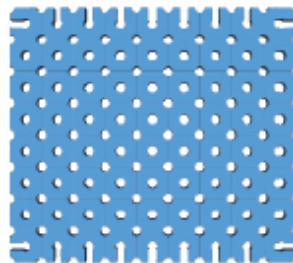


10. Cleaning Robot

The cleaning robot turns right slowly when there is no obstacle within 15 ~ 25cm in front of robot. During turning, if there is an obstacle, cleaning robot go to obstacle and catch the obstacle. After 3 second waiting, robot start to turn right again.



Part List



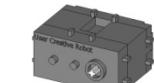
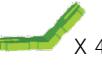
X 1



X 2



X 2



Servo motor X 1



Ultrasonic sensor



Melody Buzzer



LED X 1



DC motor X 2

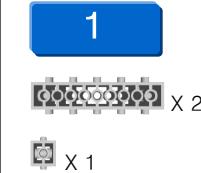
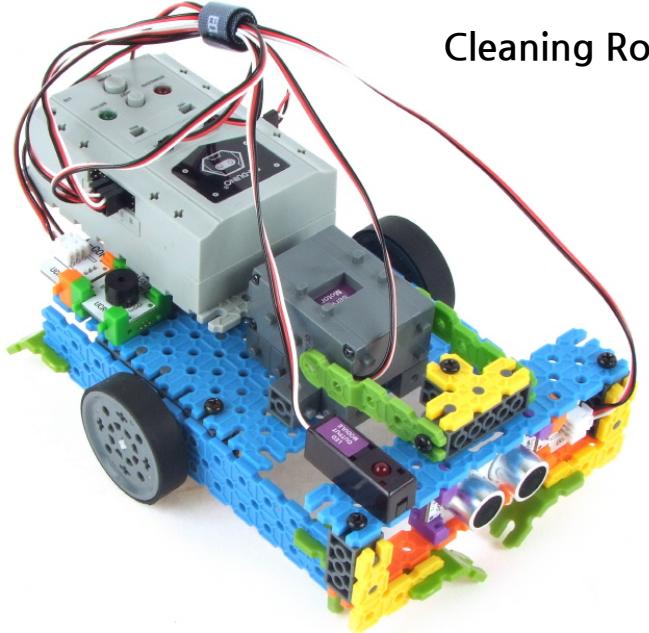


DC shaft X 2

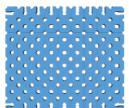


(S) X 14

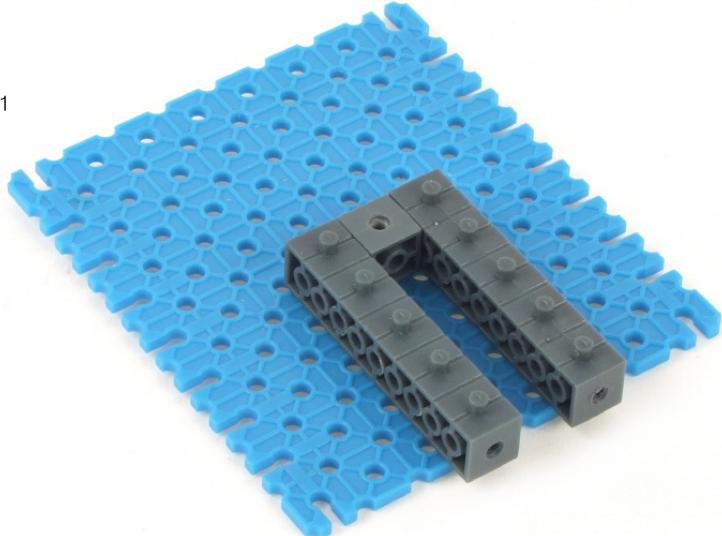
The servo motor must be positioned the output shaft as 90 degree at this model.



2



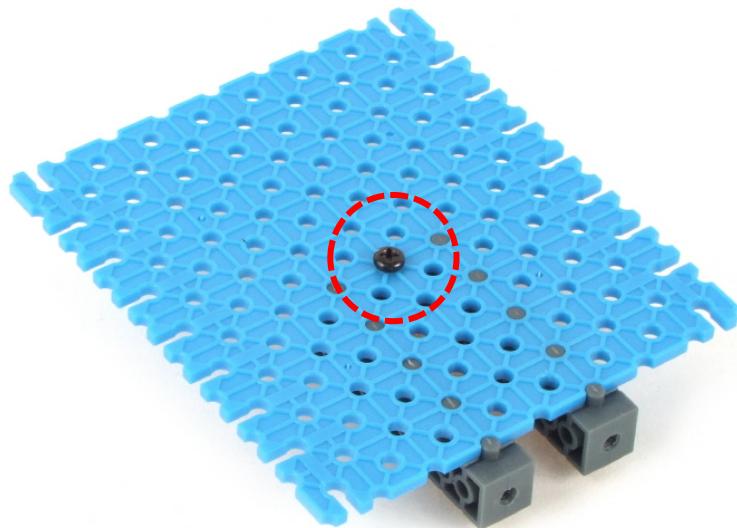
X 1



3



(S) X 1



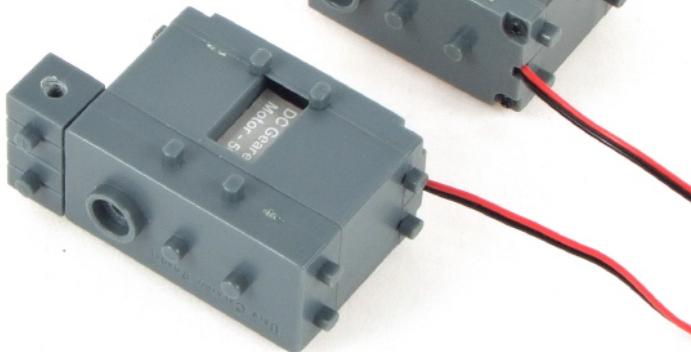
4



X 2



X 2



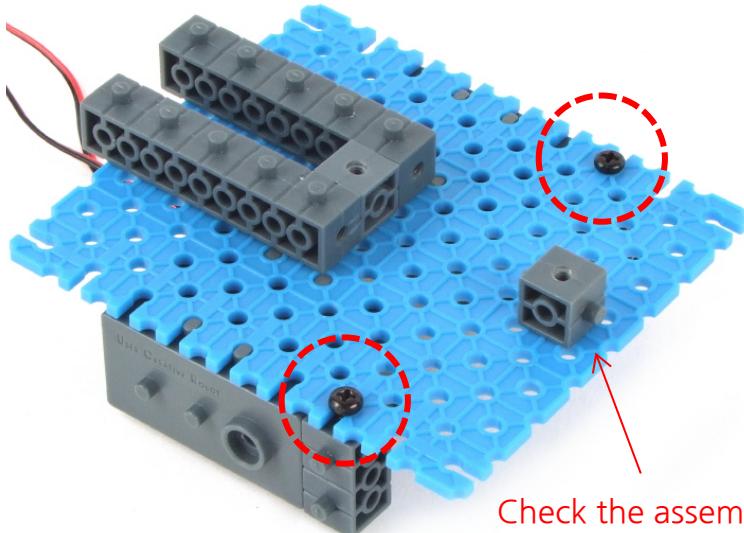
6



X 2

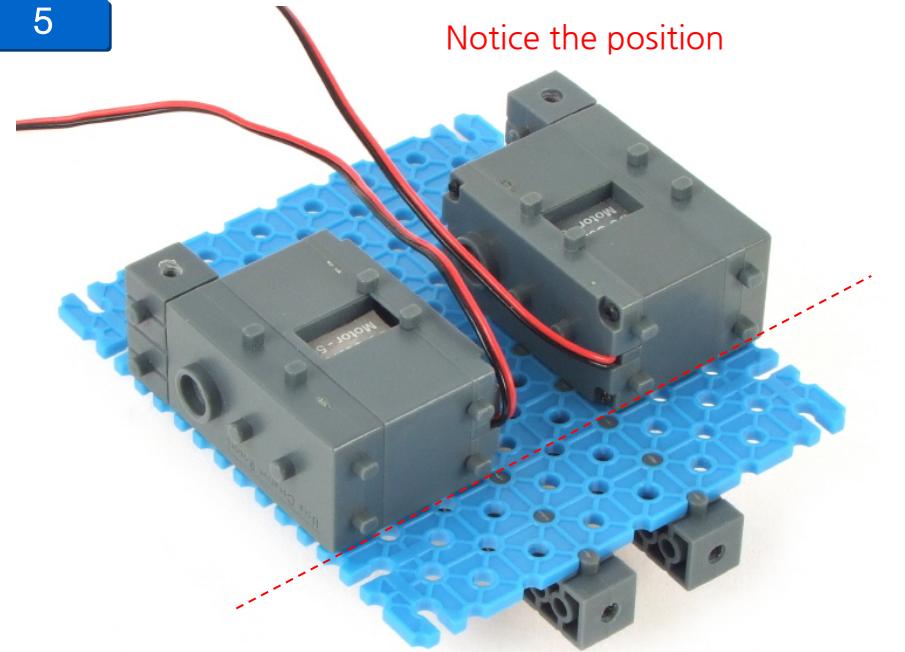


X 1



Check the assemble position only

5

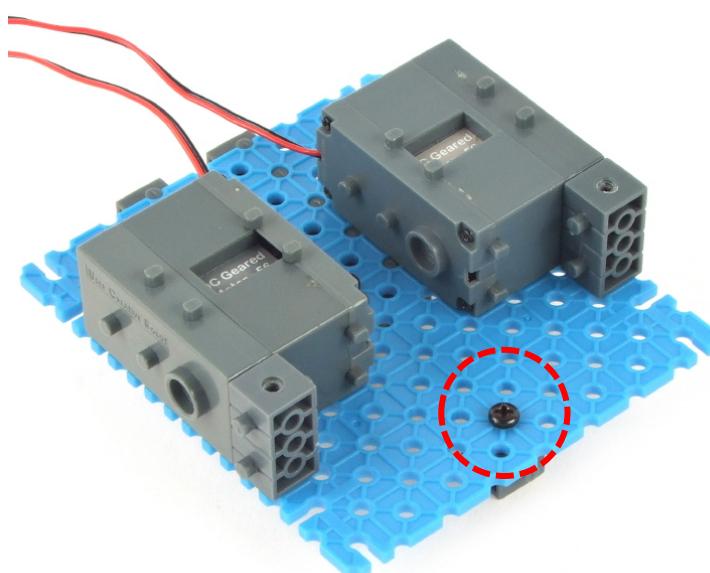


Notice the position

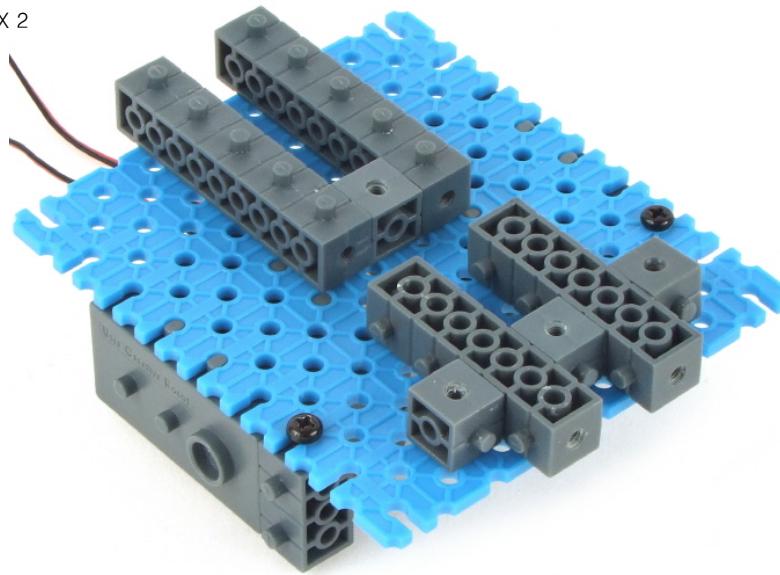
7



X 1



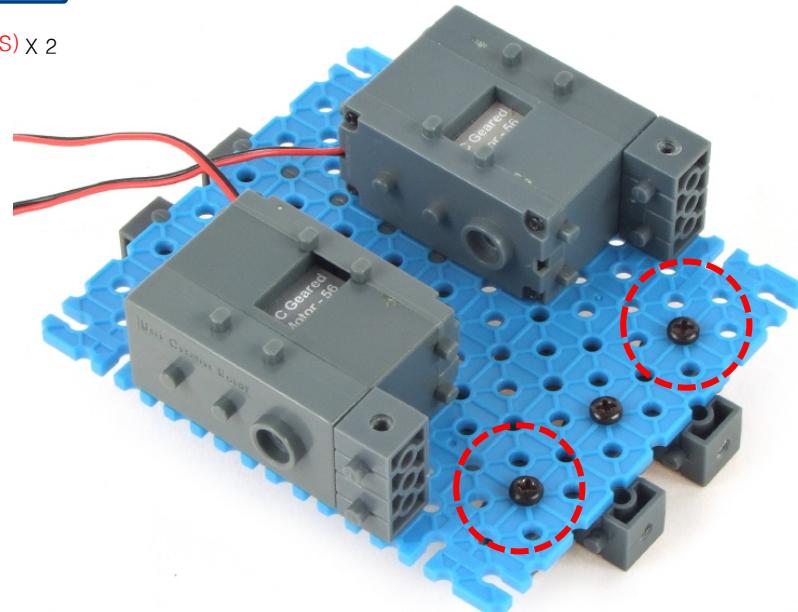
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9



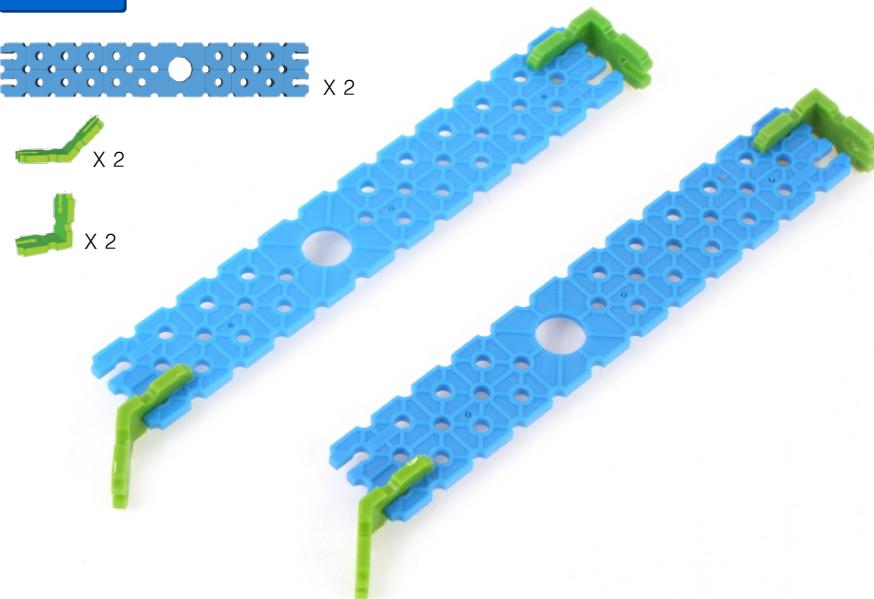
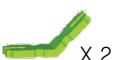
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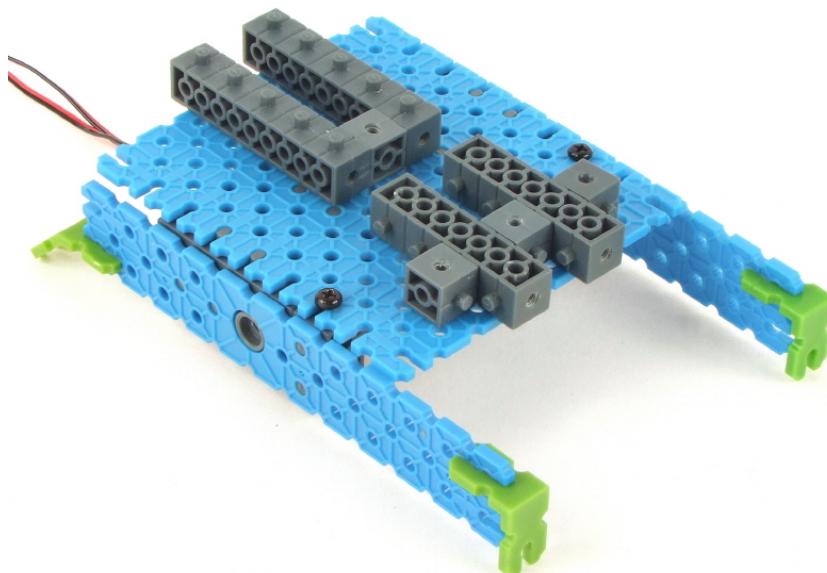
10



X 2

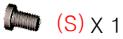


11



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12



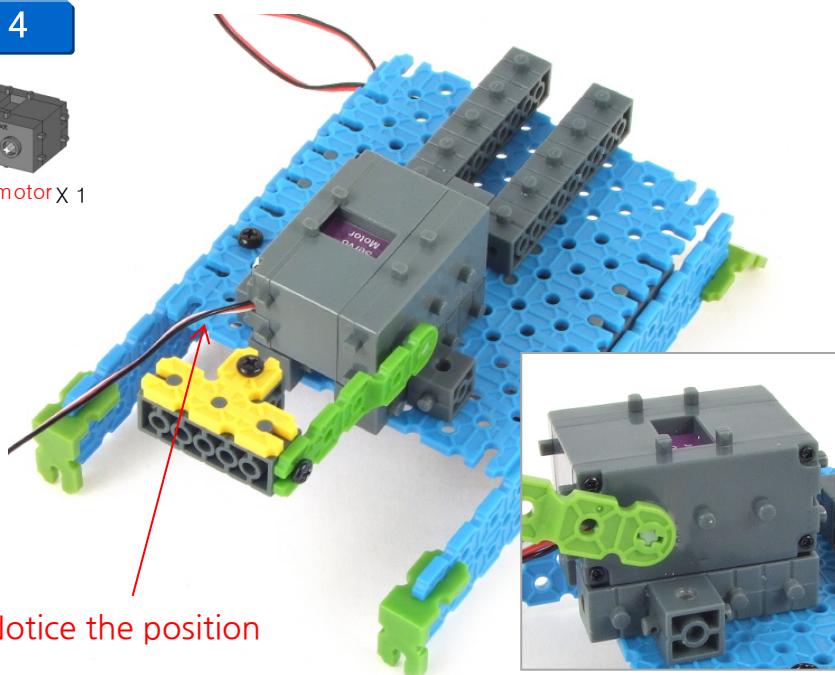
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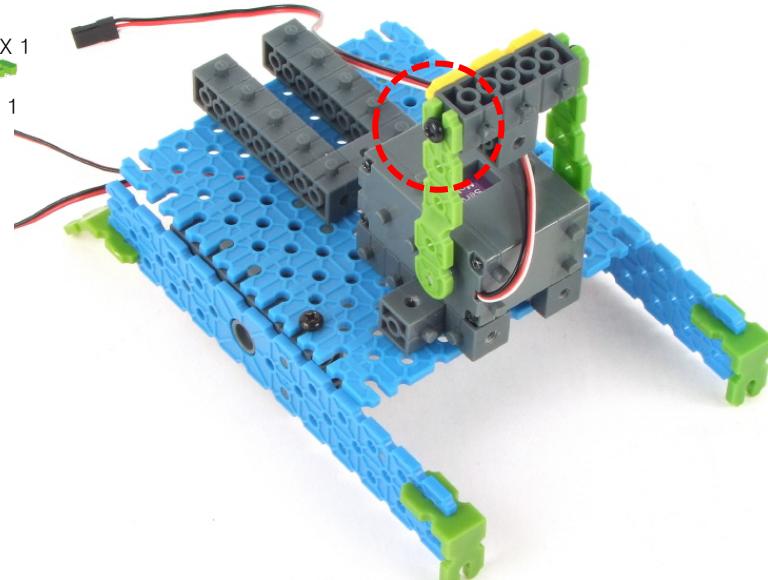
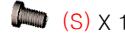
14



Servo motor X 1



15



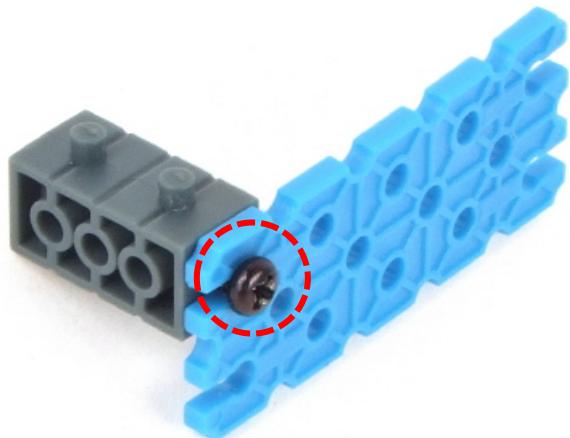
16



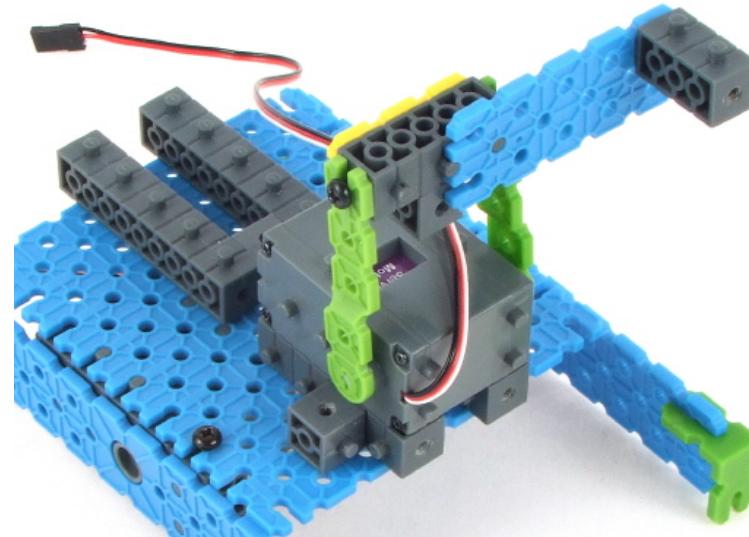
X 1



(S) X 1



17



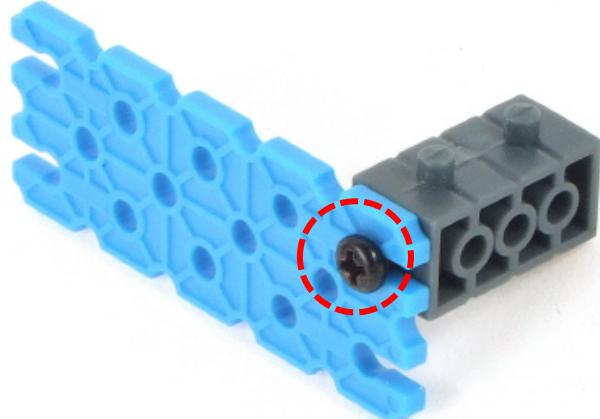
18



X 1

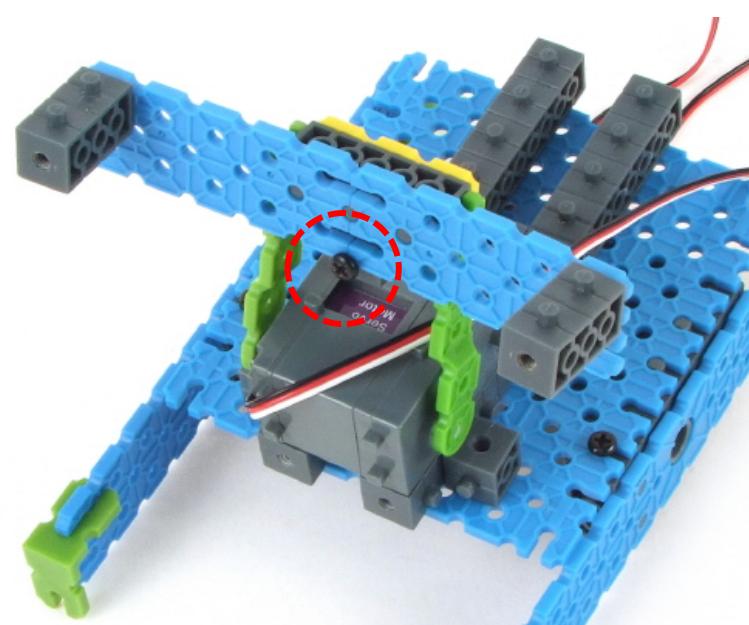


(S) X 1

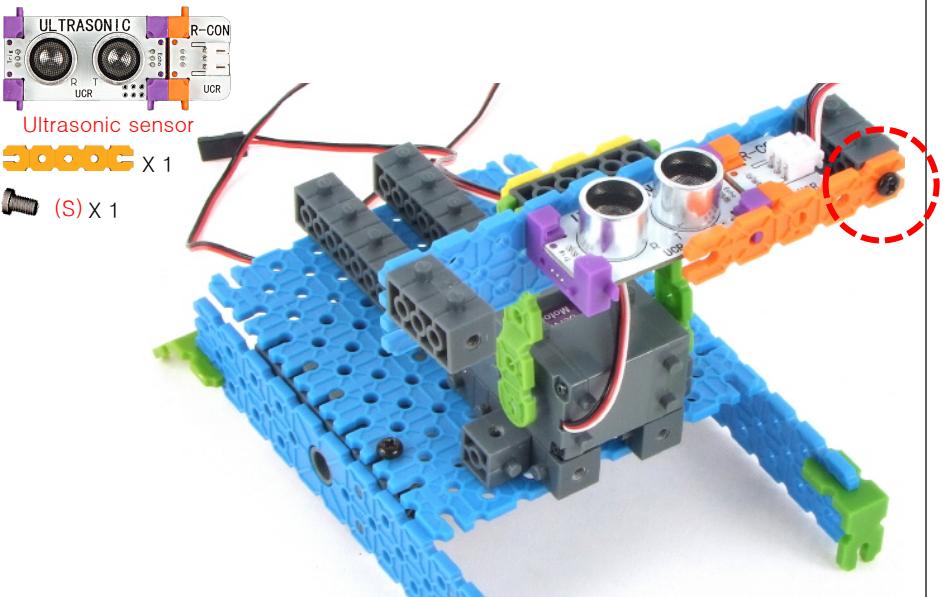


19

(S) X 1



20



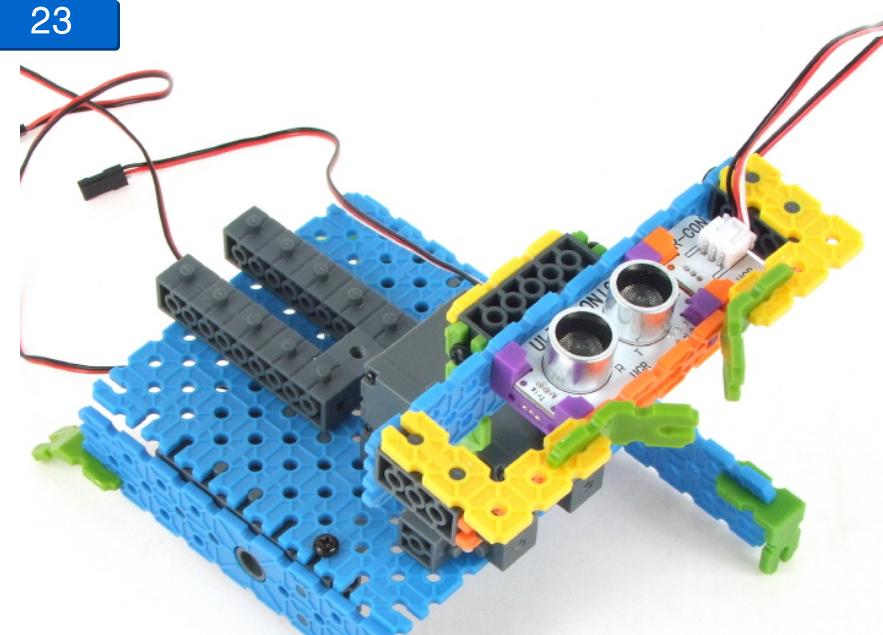
21



22



23



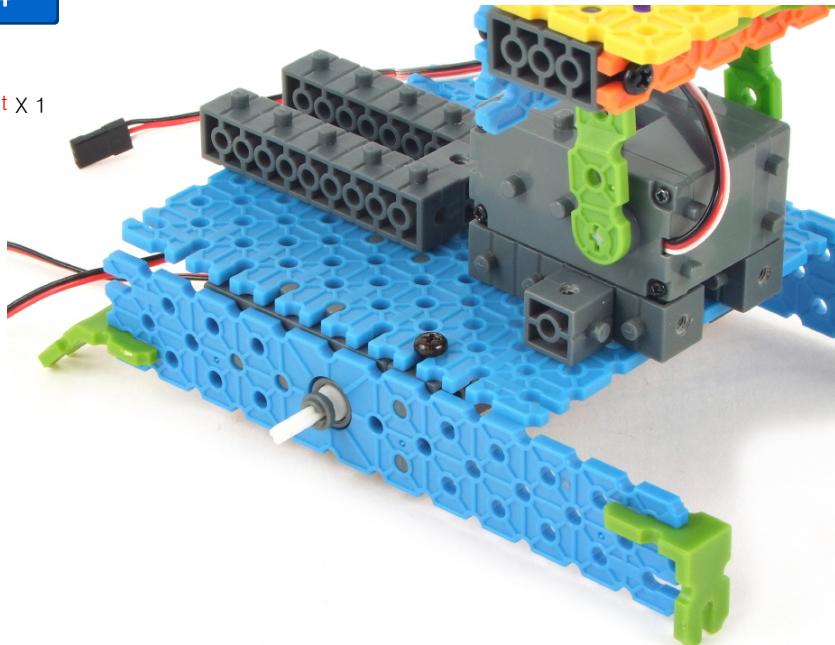
24



DC shaft X 1



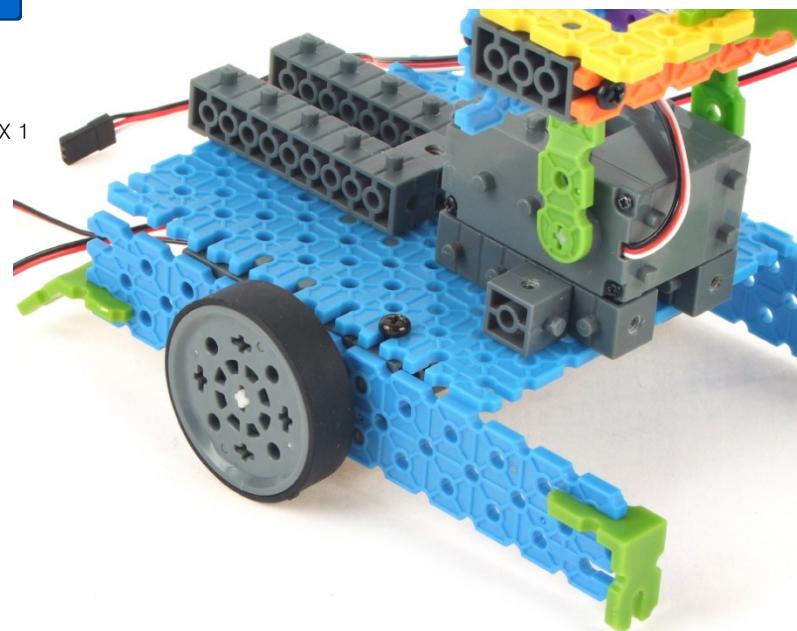
X 1



25



X 1



26



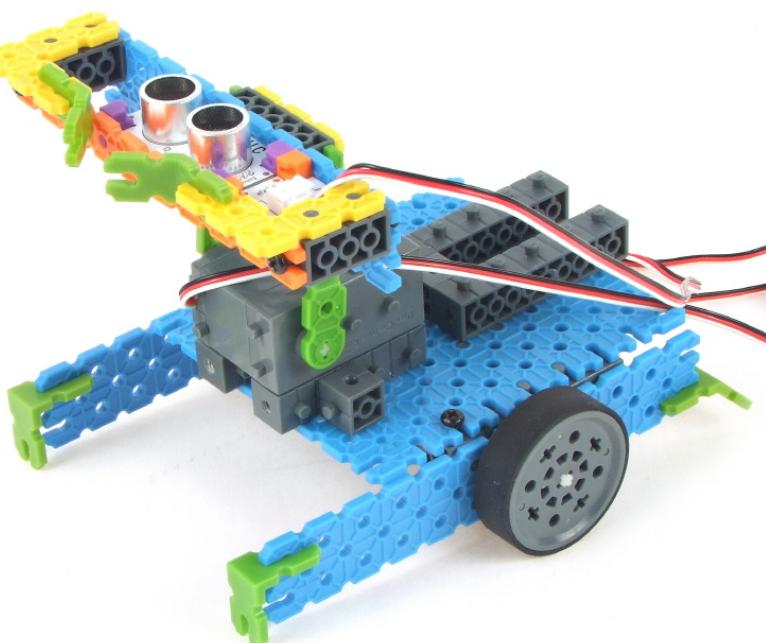
X 1



DC shaft X 1



X 1



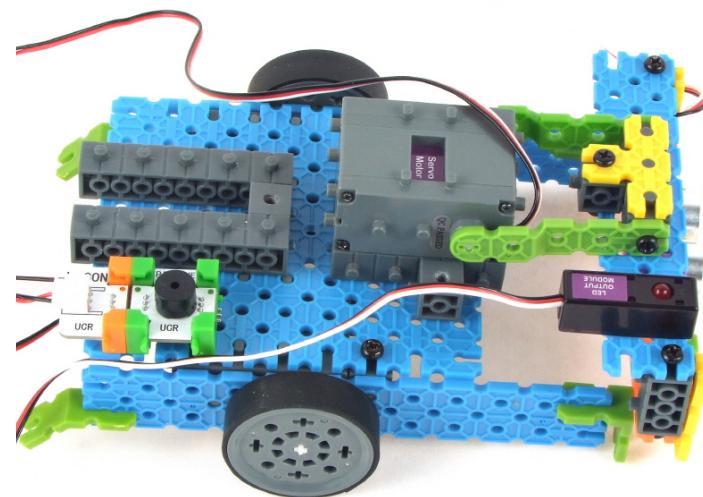
Finish



Melody Buzzer



LED X 1





Connect to the main controller

