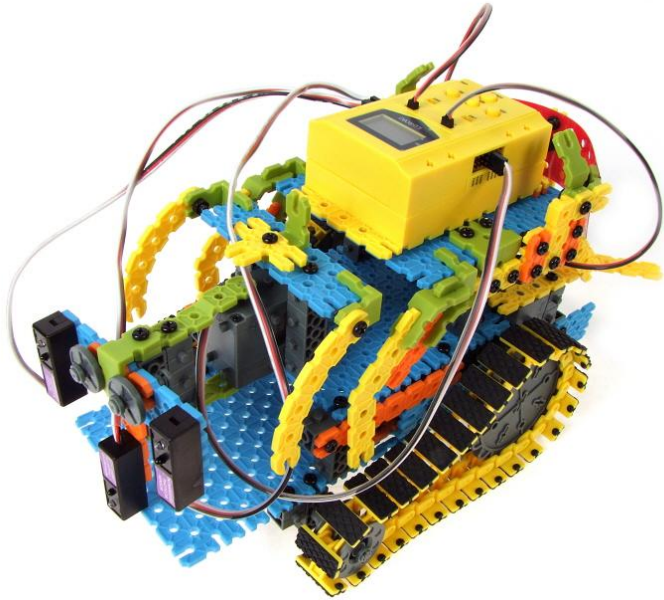
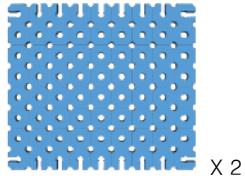


Making a Chaser Robot



(S) : short
(M) : middle
(L) : long

1



X 2



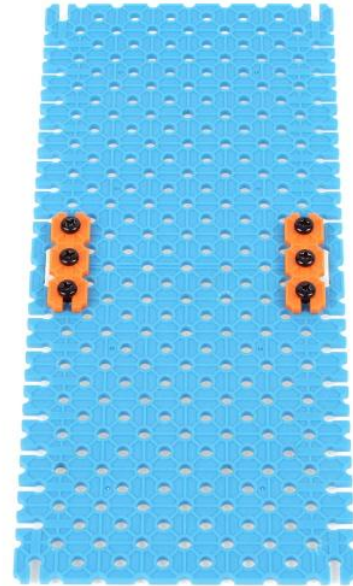
X 2



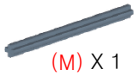
(L) X 6



X 6



2



(M) X 1



X 1



X 1



X 1



3



X 1



(S) X 1



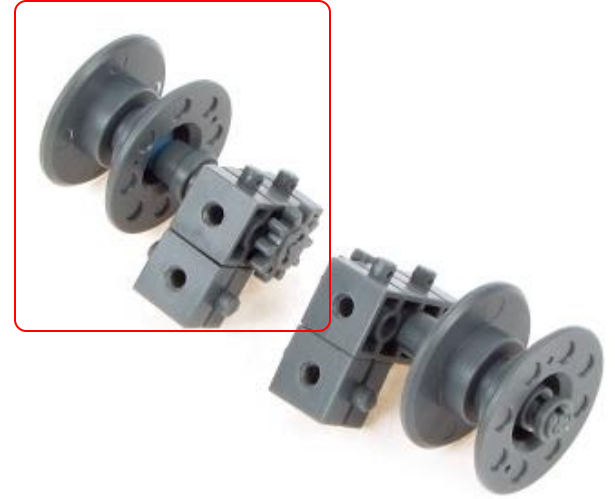
4

- X 1
- X 2



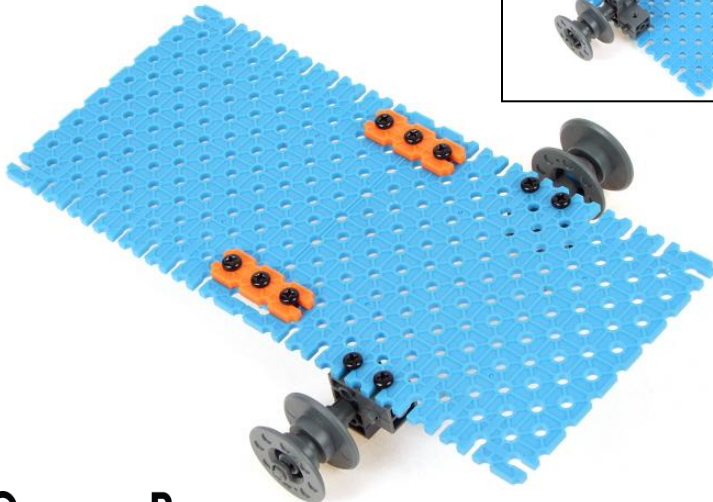
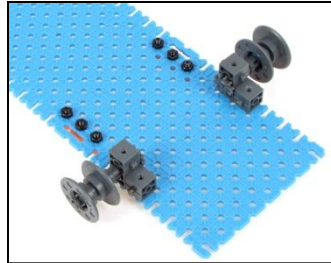
5

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



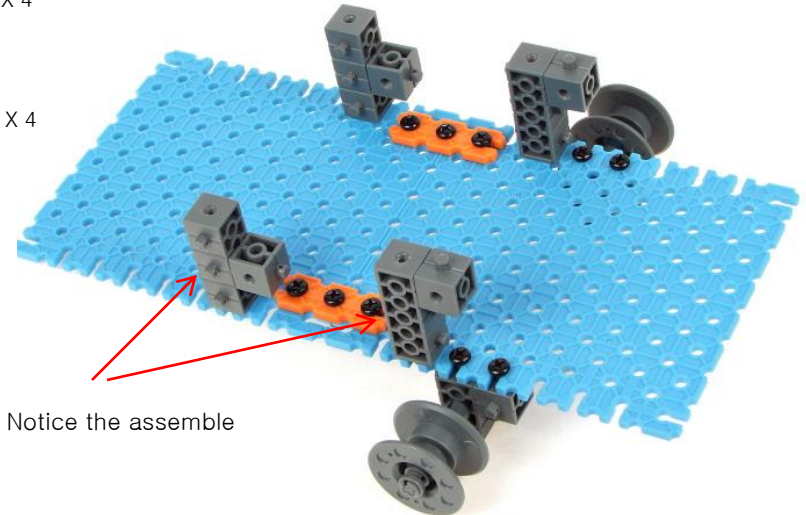
6

- (S) X 4





7

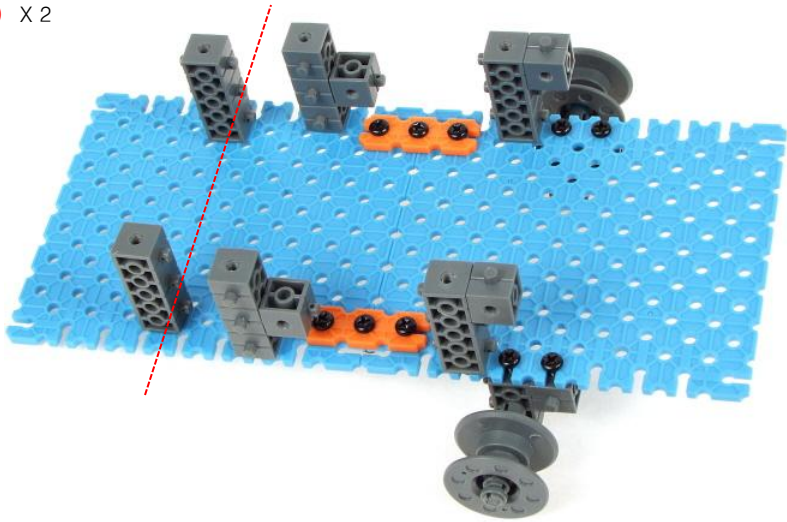
- X 4
- X 4
- (S) X 4



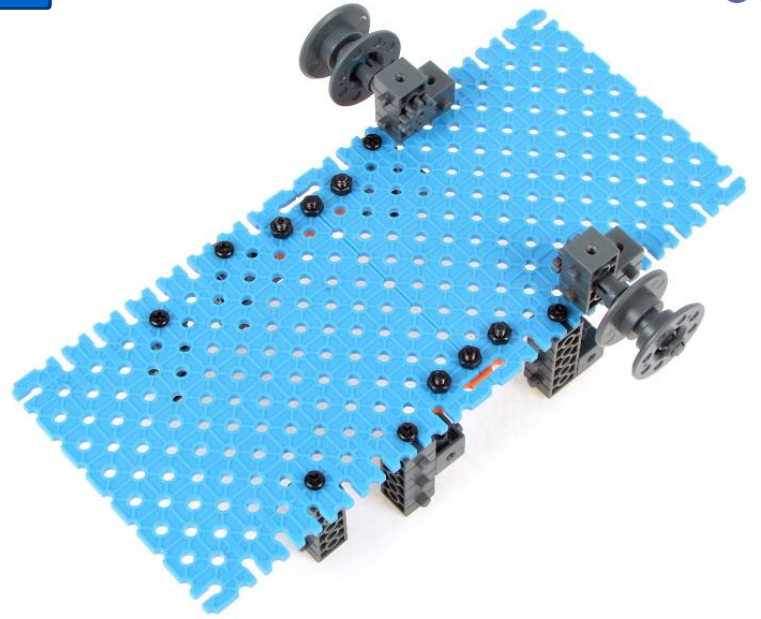
Notice the assemble

8




-  X 2
-  (S) X 2

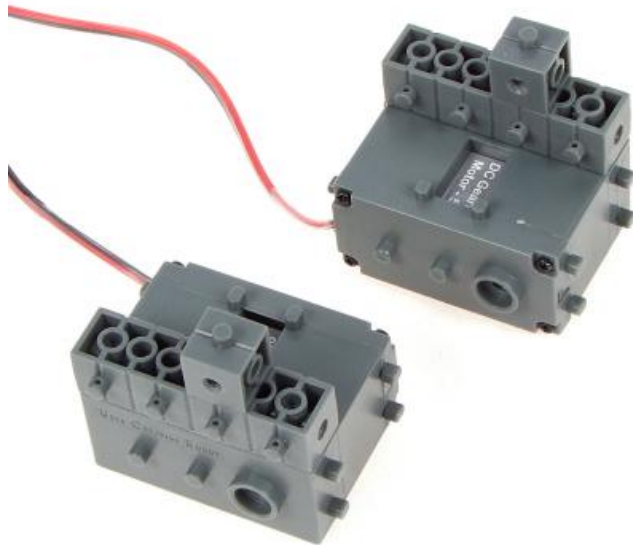


9




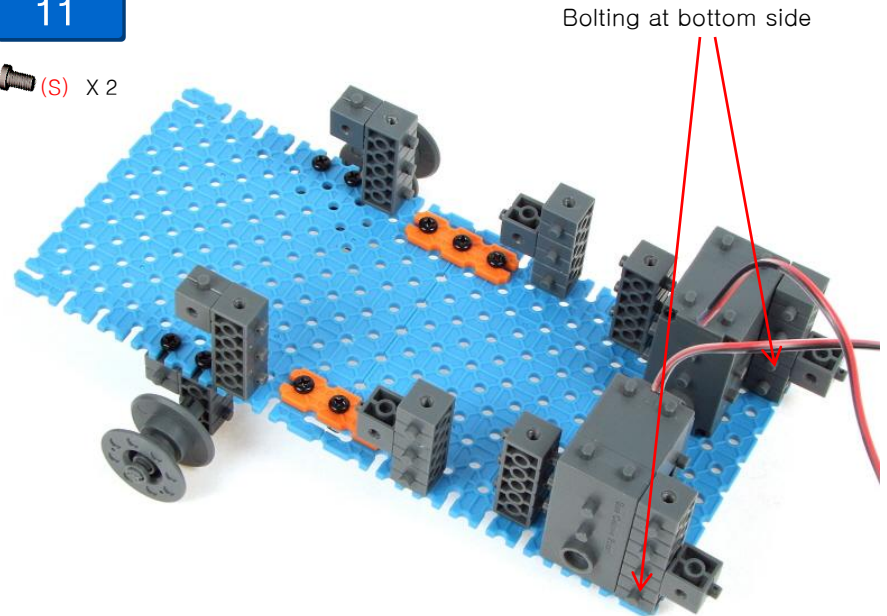
10

-  X 2
-  X 2
-  X 2

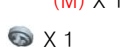


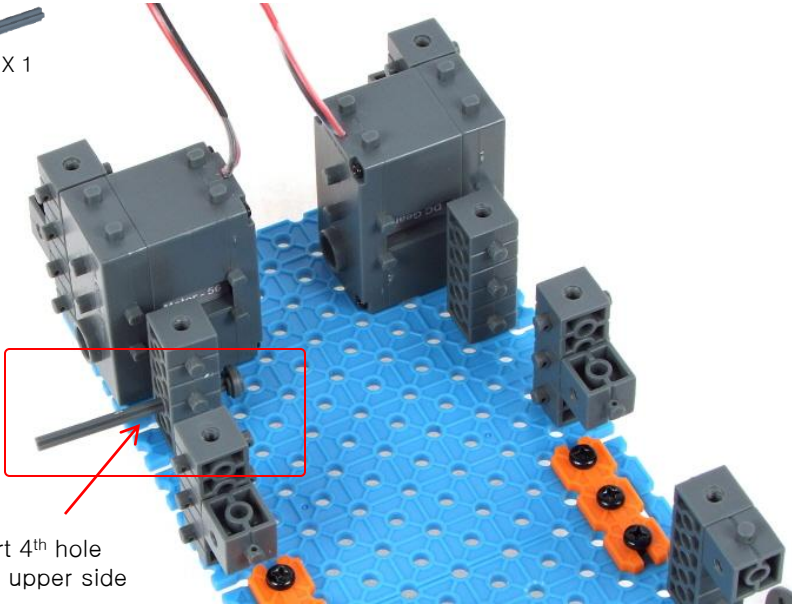
11

-  (S) X 2





12

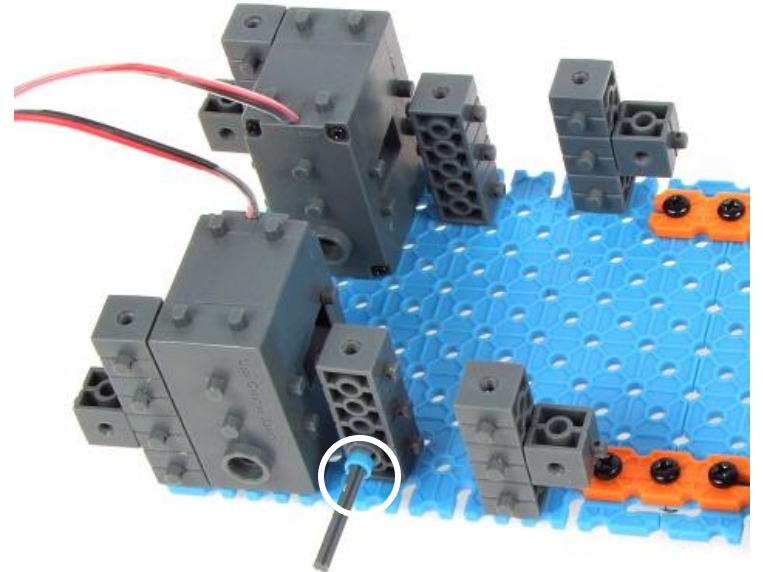
-  (M) X 1
-  X 1







Insert 4th hole from upper side

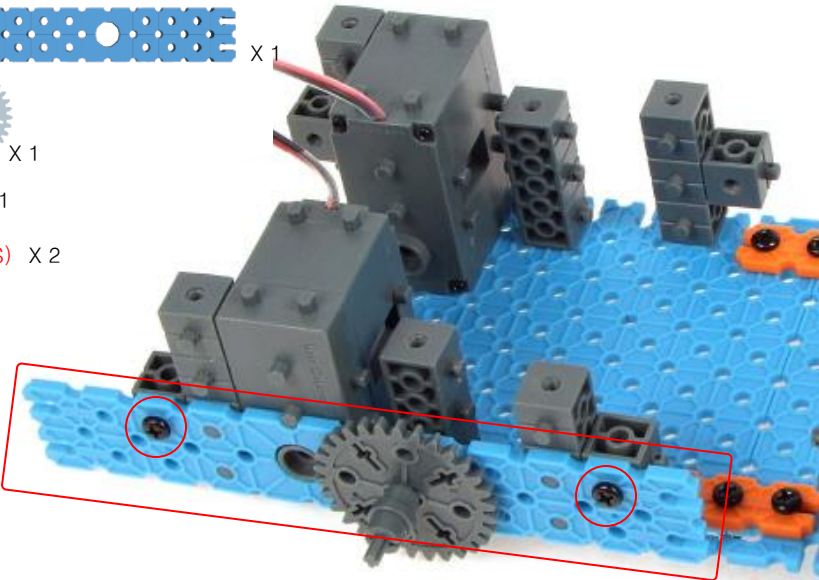
13

-  X 1
-  (S) X 1



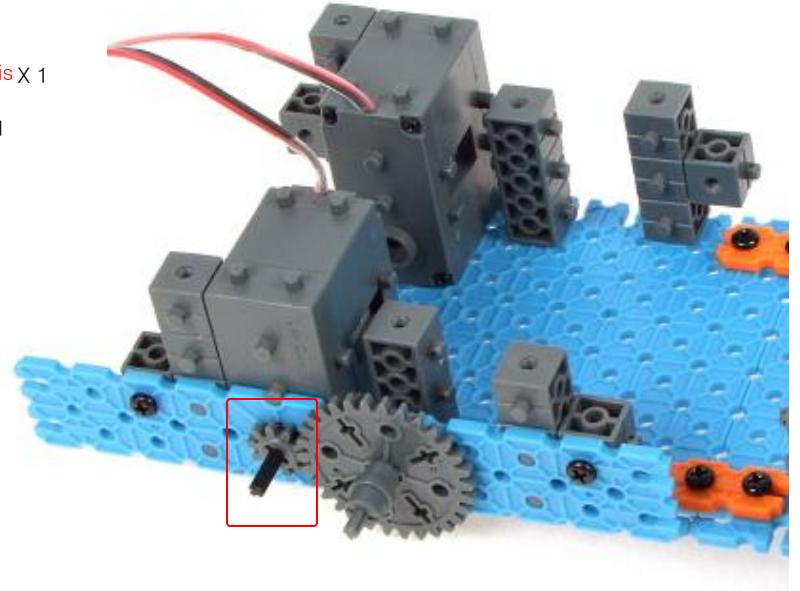
14

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

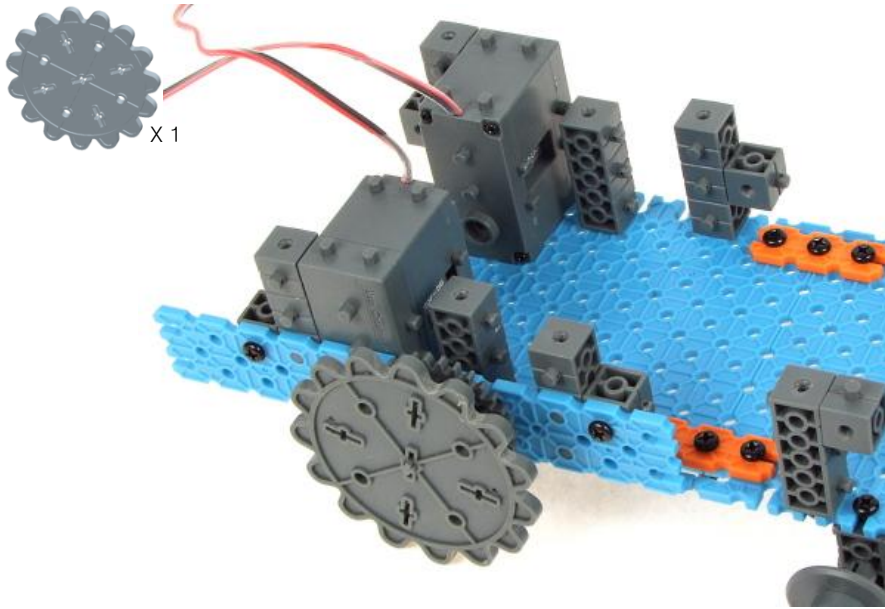


15

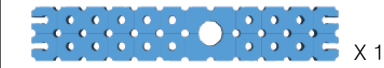
-  Motor axis X 1
-  X 1



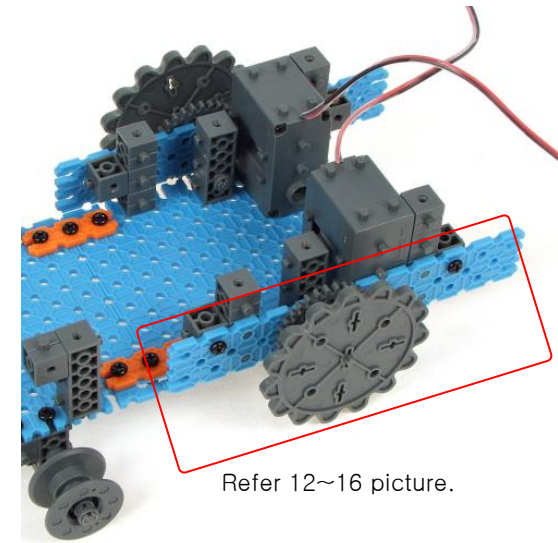
16



17



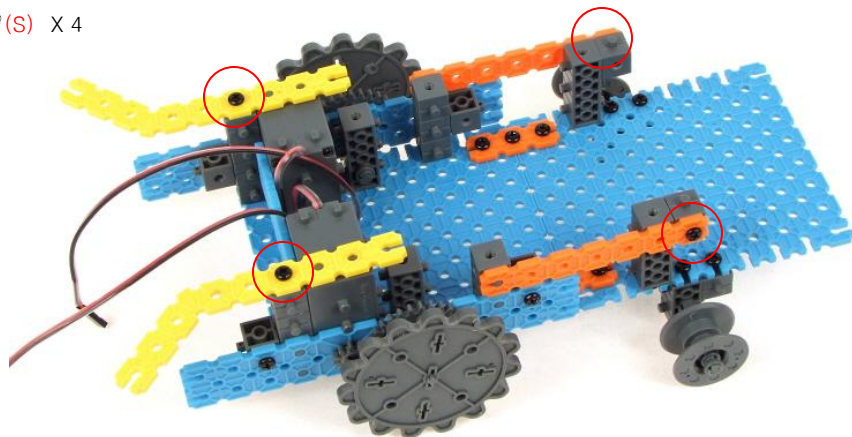
- (M) X 1
- (S) X 2
- (S) X 1
- Motor axis X 1
- X 1
- X 1
- (S) X 2



Refer 12~16 picture.

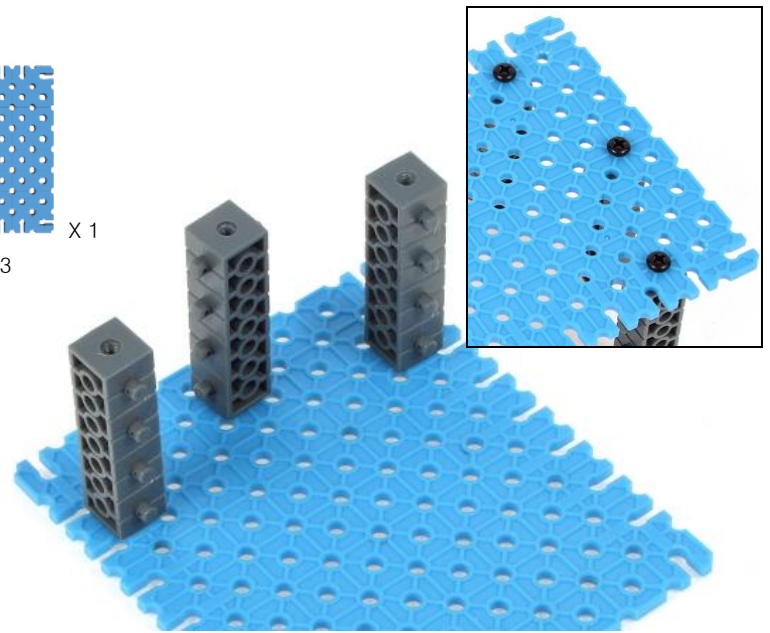
18

- X 2
- X 2
- (S) X 4



19

- X 1
- (S) X 3
- (S) X 3



20

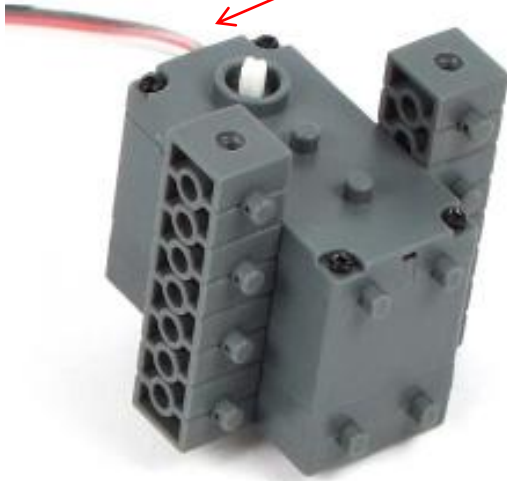
Notice the position of Servo motor cable.



Servo motor X 1



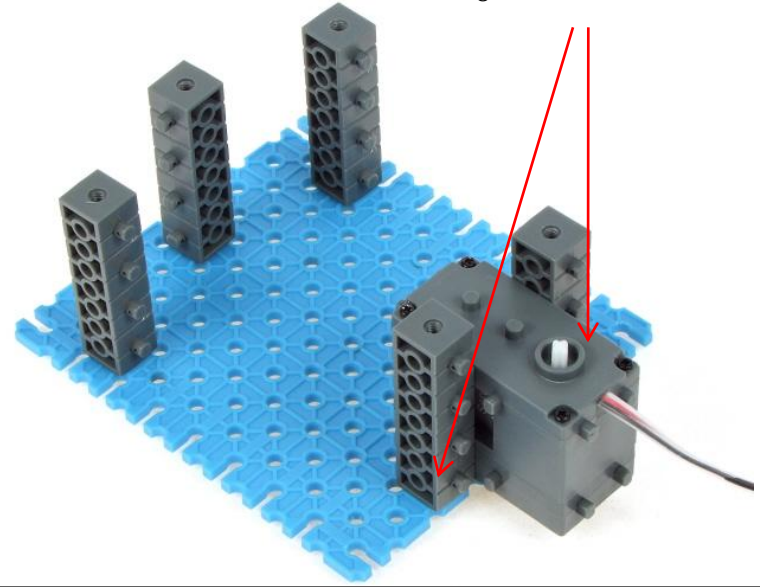
X 2



21

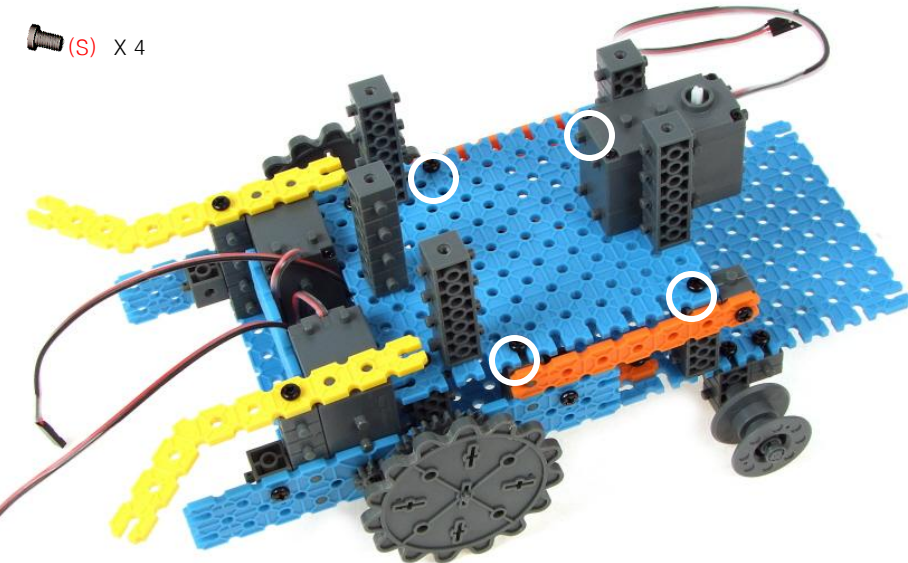
(S) X 2

Bolting at the bottom side



22

(S) X 4



23



X 1



X 1



X 2



X 1



(L) X 4



X 4



24

- X 1
- (L) X 2
- X 2



25

- X 1
- (L) X 1
- X 1



26

- X 2
- (L) X 1
- X 1



27

- X 1
- X 1



28

- X 1
- X 3
- X 2
- X 1
- X 2
- X 8
- X 8



Make one more symmetrically.



29

- X 1
- X 2
- X 2



30

- X 2
- X 2
- X 2



31



32

(L) X 2



33

X 1

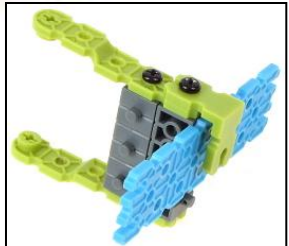
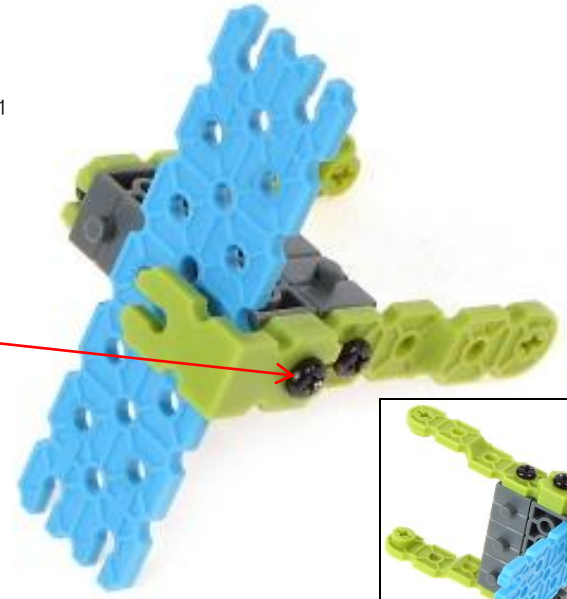
X 2

X 2

X 1

(L) X 1

(S) X 3



34

X 1

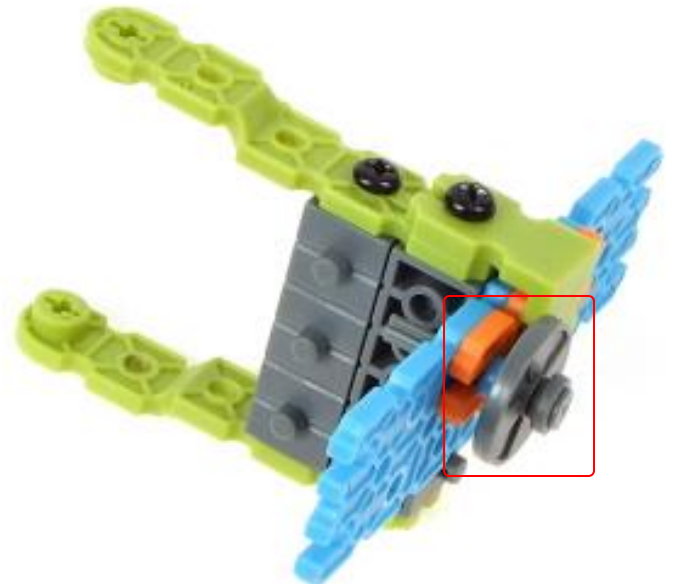


35

X 1

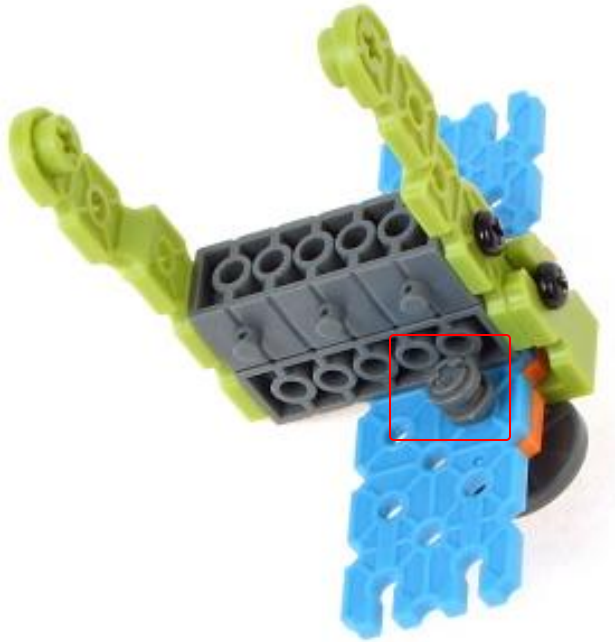
X 1

(S) X 1






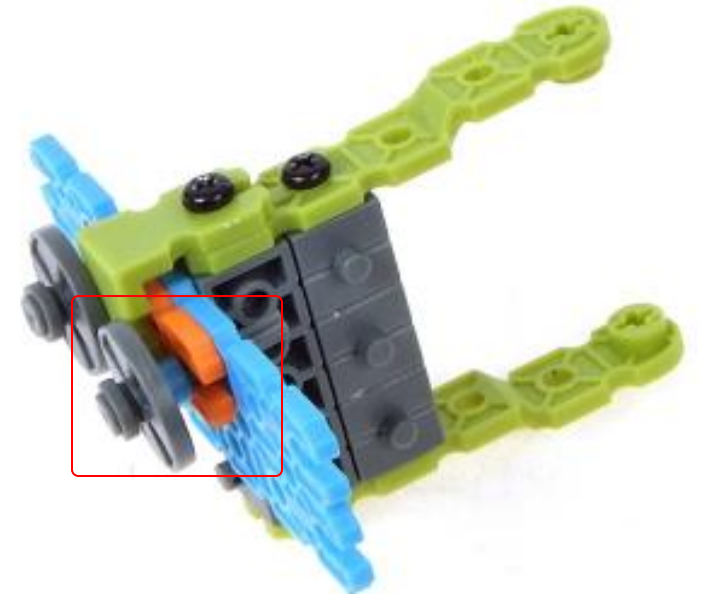
36

X 2





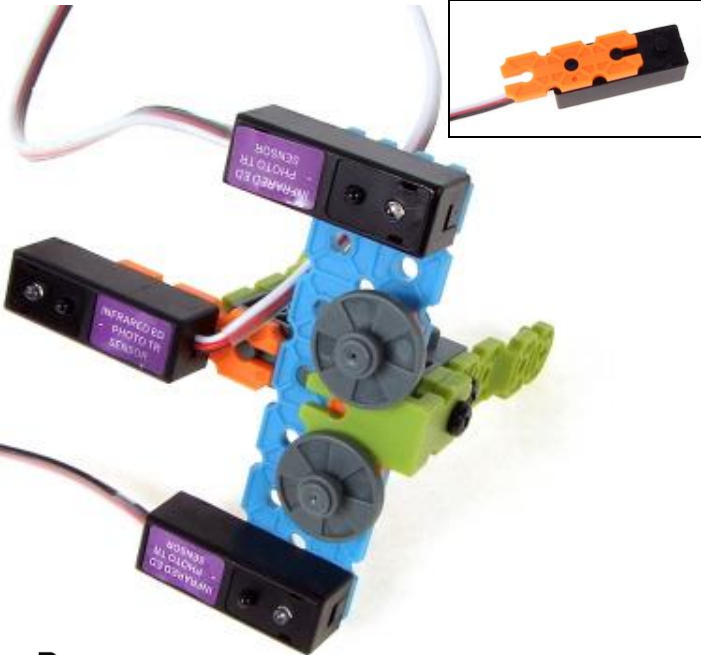
37

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

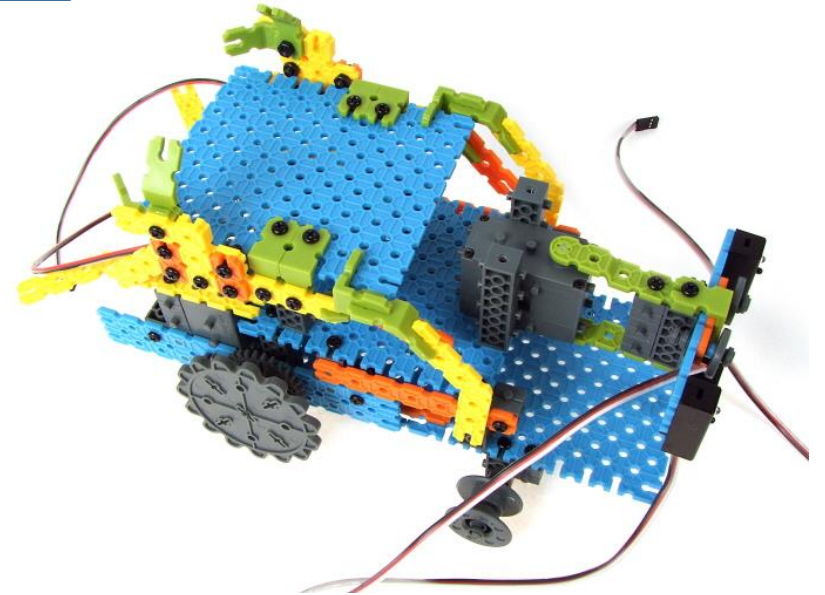


38

-  IR sensor X 3
-  X 1



39



40



X1



X1



X1



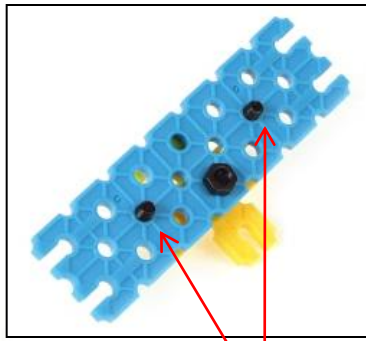
(L) X1



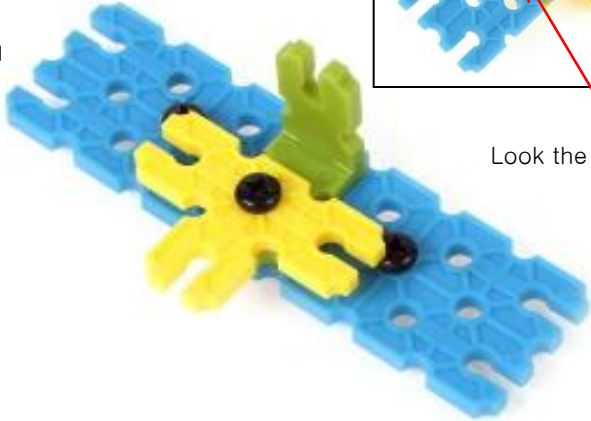
(S) X2



X1



Look the 43 picture



41



X2



X2



(L) X2



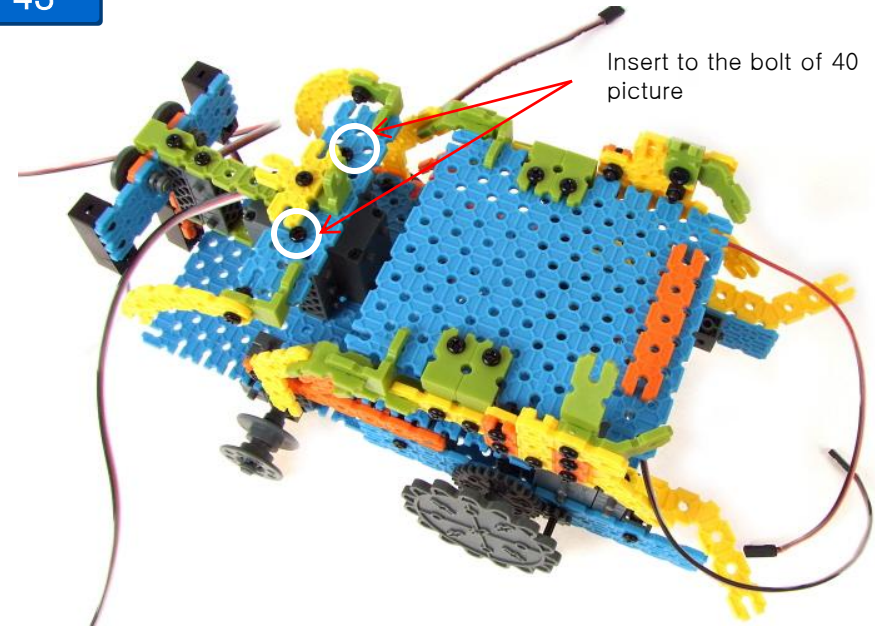
X2



42



43



Insert to the bolt of 40 picture

44



X 1



X 1



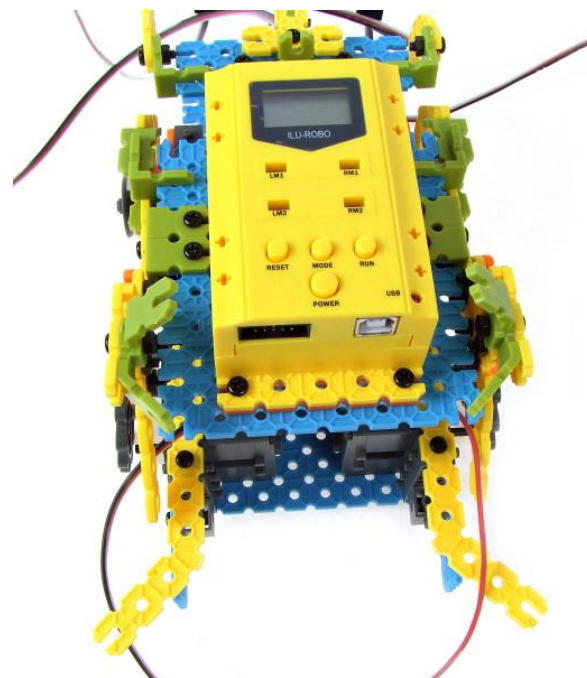
(L) X 2



45



X 2



46



X 1



X 1



(S) X 2



X 2



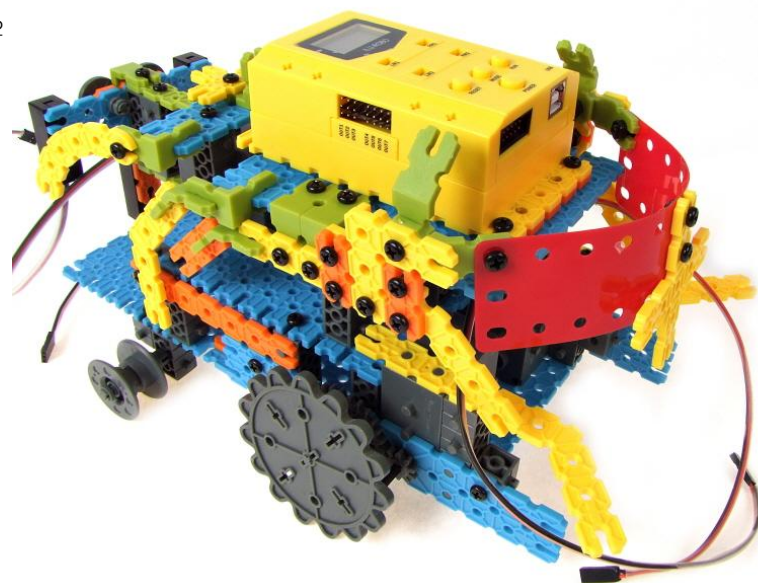
47



(S) X 2



X 2



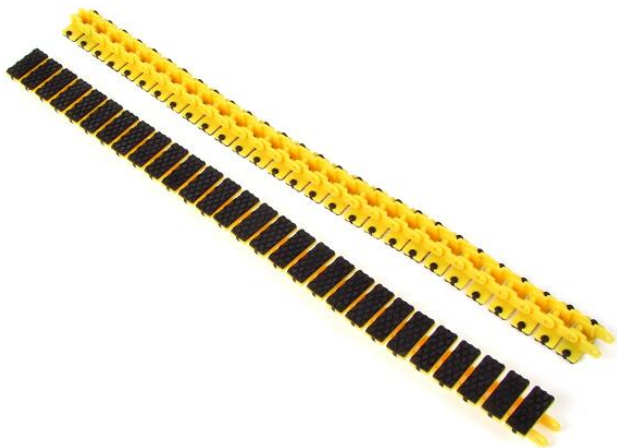
48



X 56



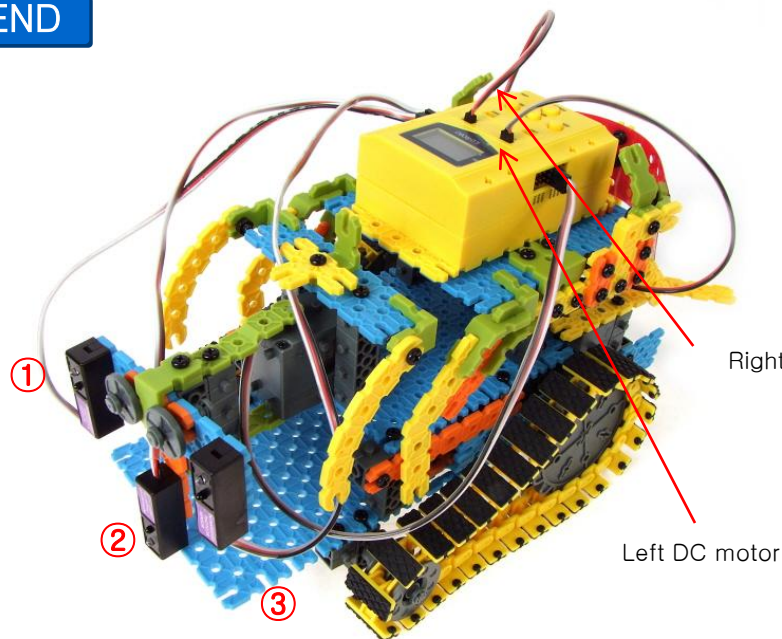
X 56



49



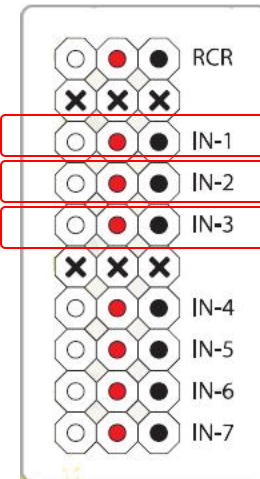
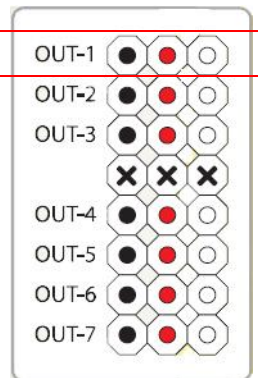
END



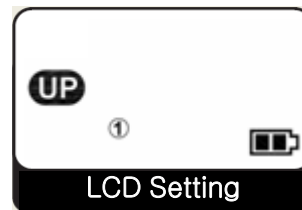
Right DC motor

Left DC motor

Servo motor



- ① IR sensor
- ② IR sensor
- ③ IR sensor

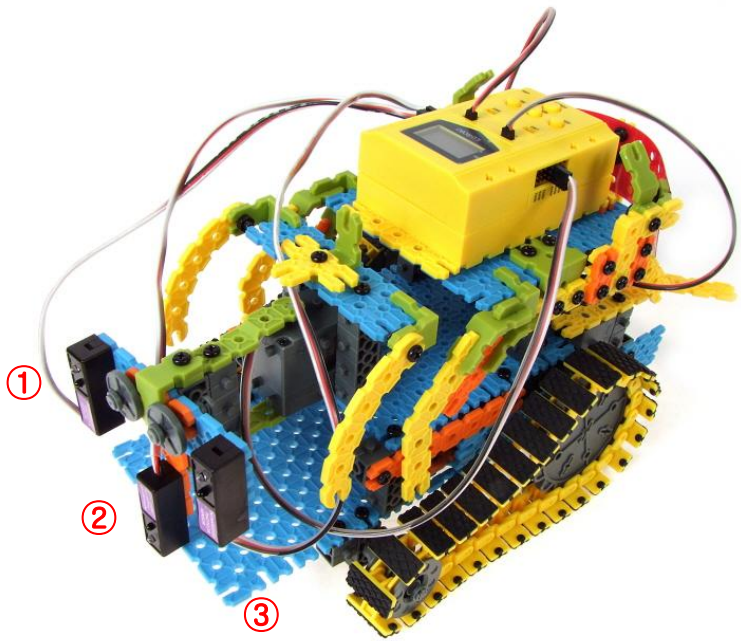
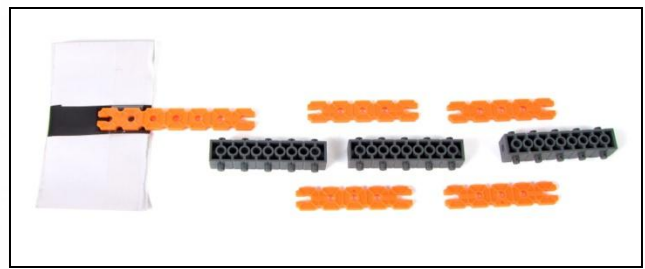
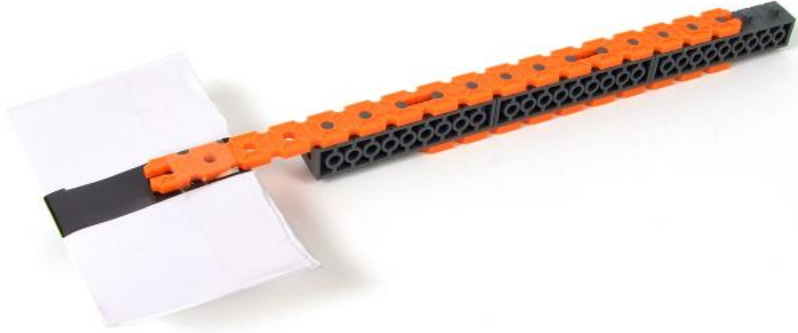


Making an Indicator

3000000C X 1

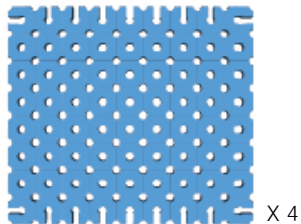
30000C X 4

3000000C X 3



Checking the robot moving if contact the indicator to the IR sensors.

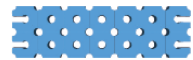
Part List of a Chaser Robot



X 4



X 2



X 2



X 2



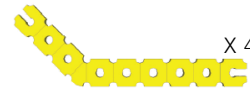
X 1



X 6



X 4



X 4



X 2



X 2



X 3



X 1



X 2



X 7



X 8



X 2



X 8



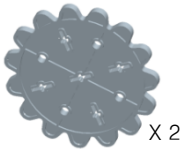
X 2



X 8



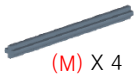
X 10



X 2



X 56



(M) X 4



X 56



X 2



X 2



X 4



X 12



X 2



(S) X 6



X 2



(L) X 32



X 4



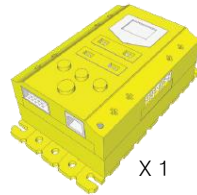
(S) X 38



X 33



X 1



X 1



IR sensor X 3



Servo motor X 1



X 2



Motor axis X 2

[Indicator]



X 1



X 4



X 3