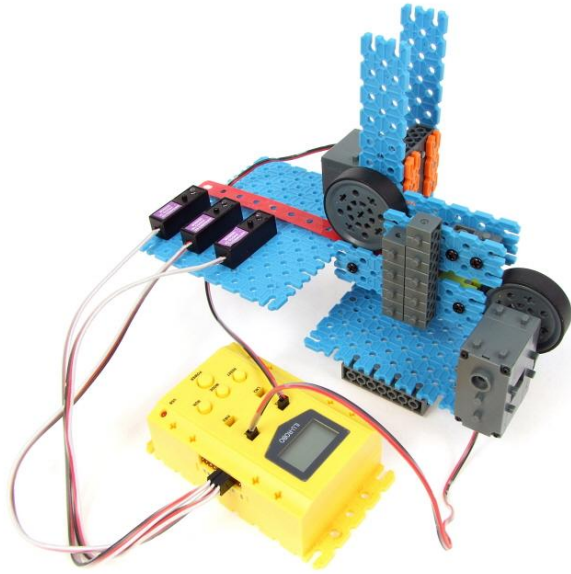
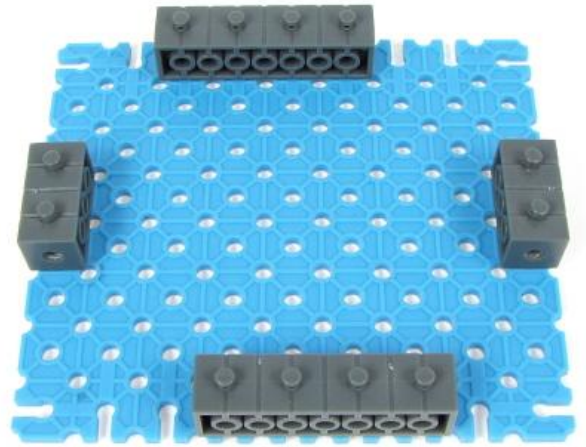


# Making a Copy machine



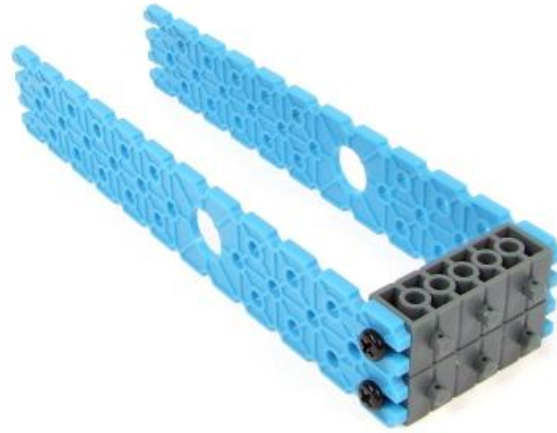
1

- X 1
- X 2
- X 2

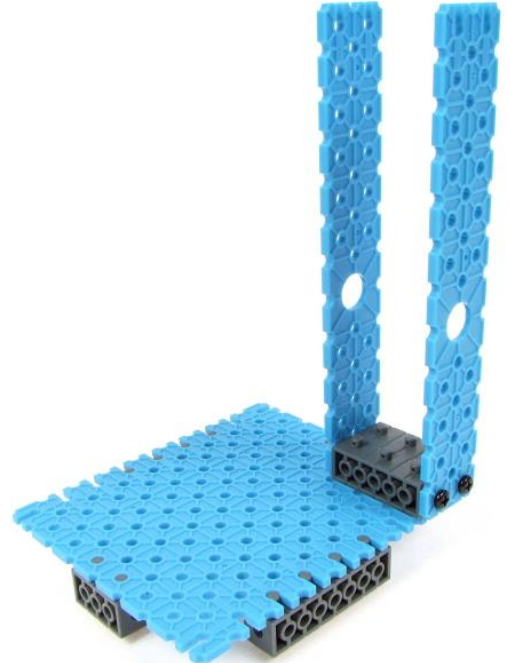


2

- X 2
- X 2
- (short) X 4

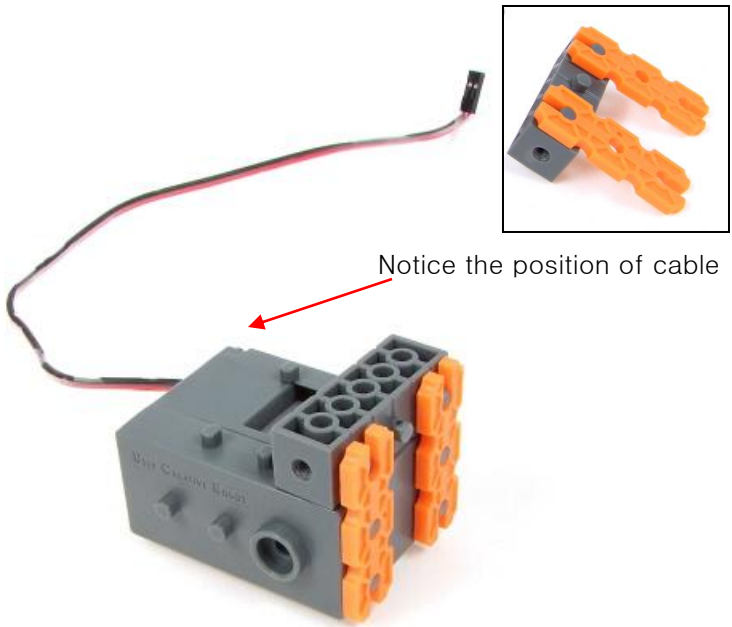


3

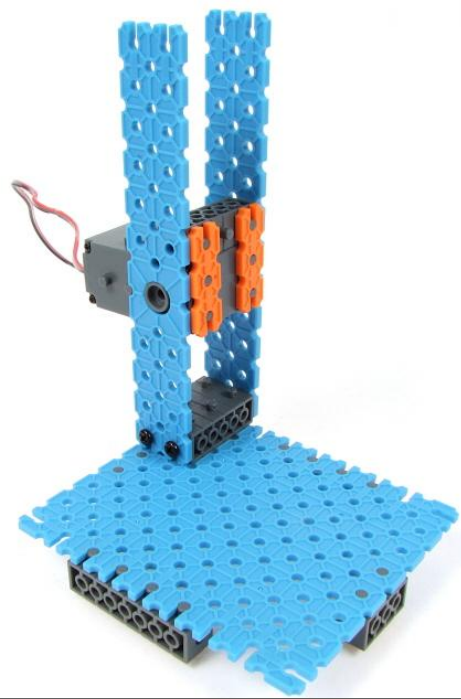


4

- User Creative Robot X 1
- Grey Technic 1x4 Beam X 1
- Orange Technic 1x4 Beam X 2

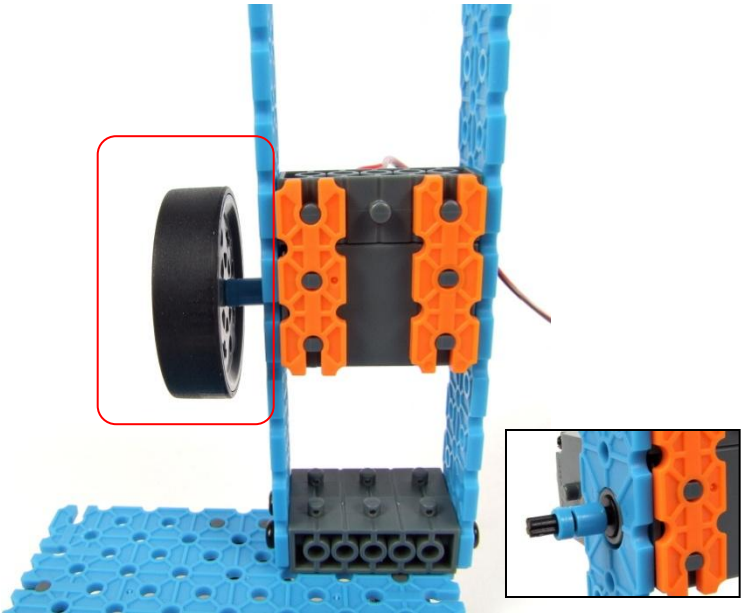


5



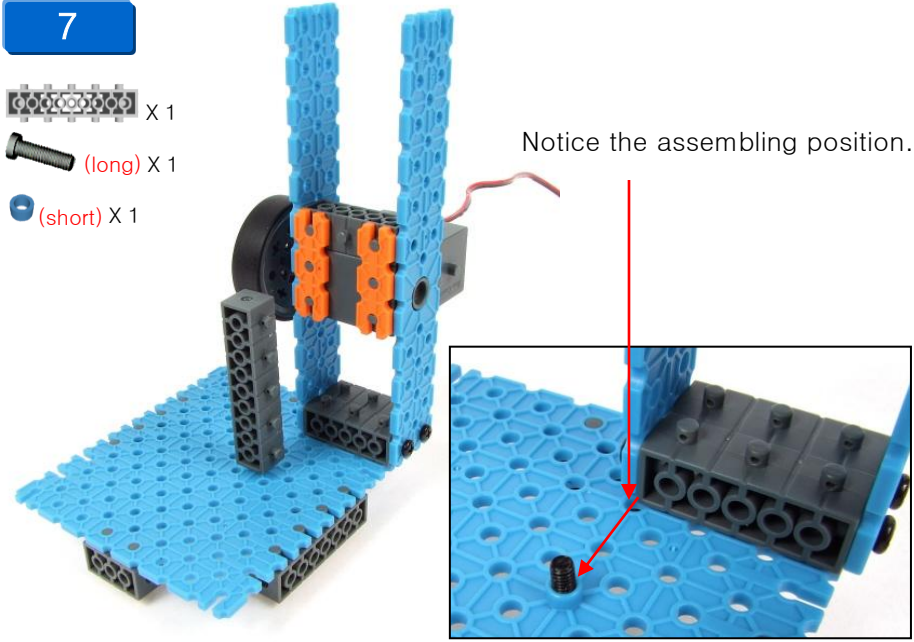
6

- Grey Technic 1x4 Beam X 1
- Motor axis X 1
- Blue Technic Pin (long) X 1
- Blue Technic Pin (short) X 1



7

- Grey Technic 1x4 Beam X 1
- Black Technic Pin (long) X 1
- Blue Technic Pin (short) X 1



8



X 2



(long) X 2



(short) X 2



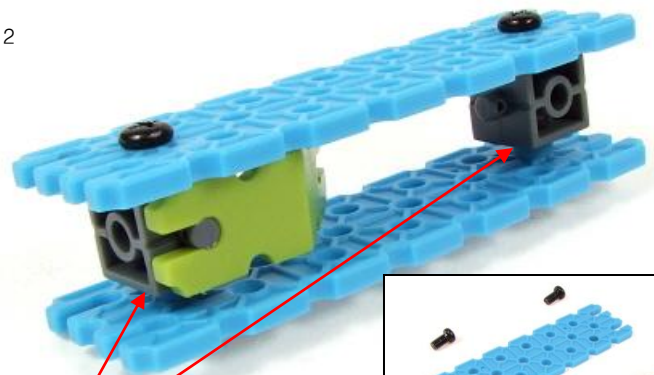
X 2



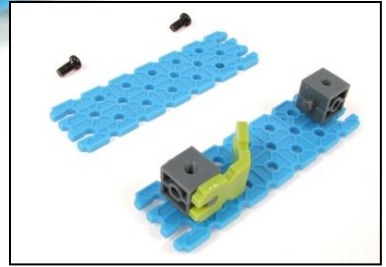
(short) X 2



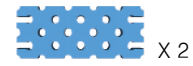
X 1



Insert the short spacer.



9



X 2



(long) X 2



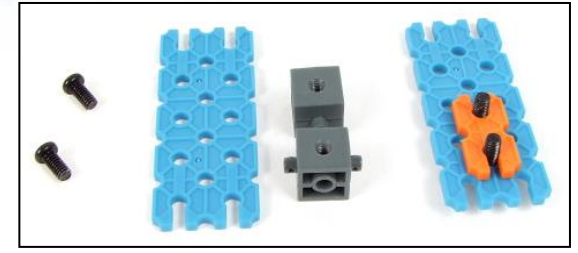
(short) X 2



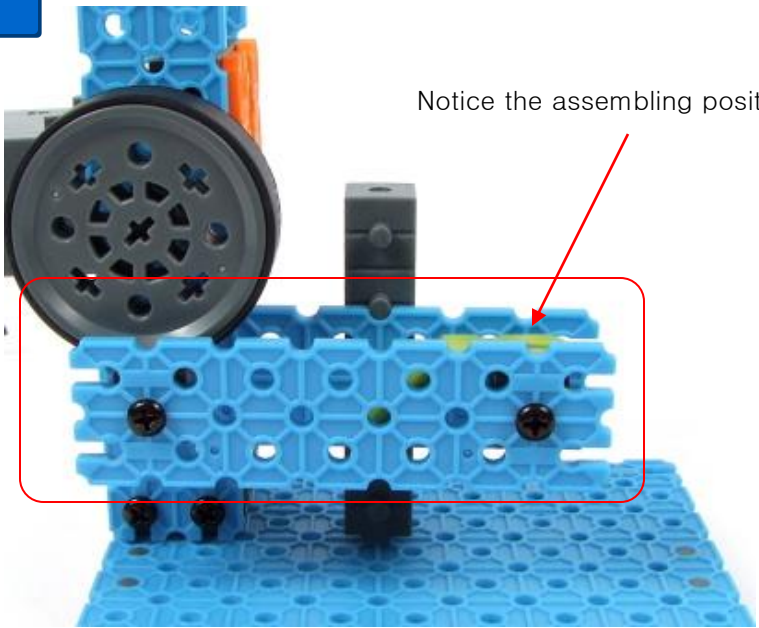
X 2



X 1



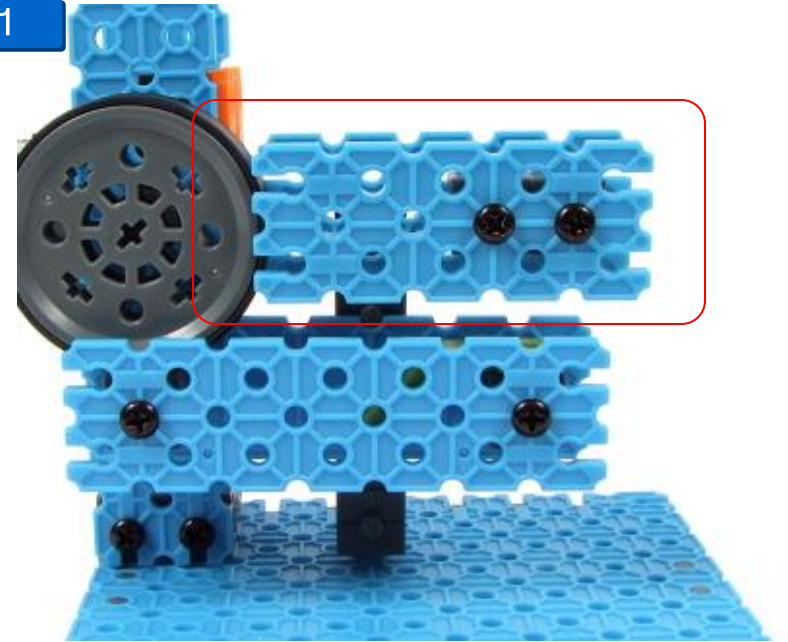
10





Notice the assembling position.



11



12

-  X 1
-  X 1



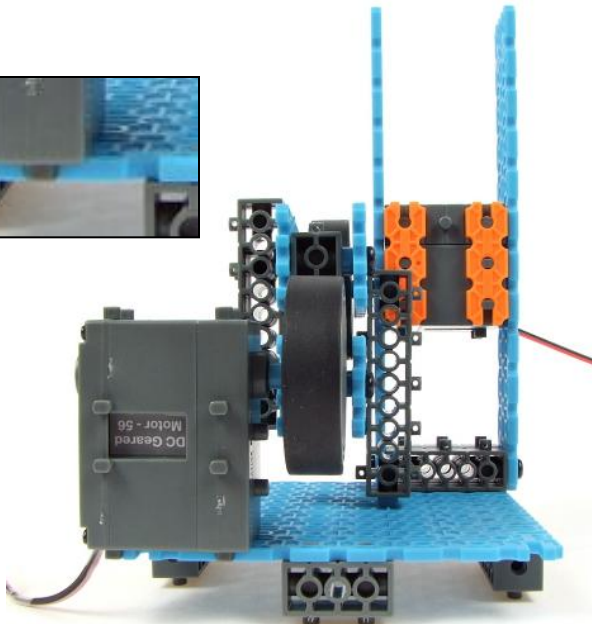
13



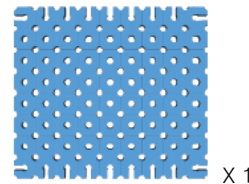
Motor axis X 1



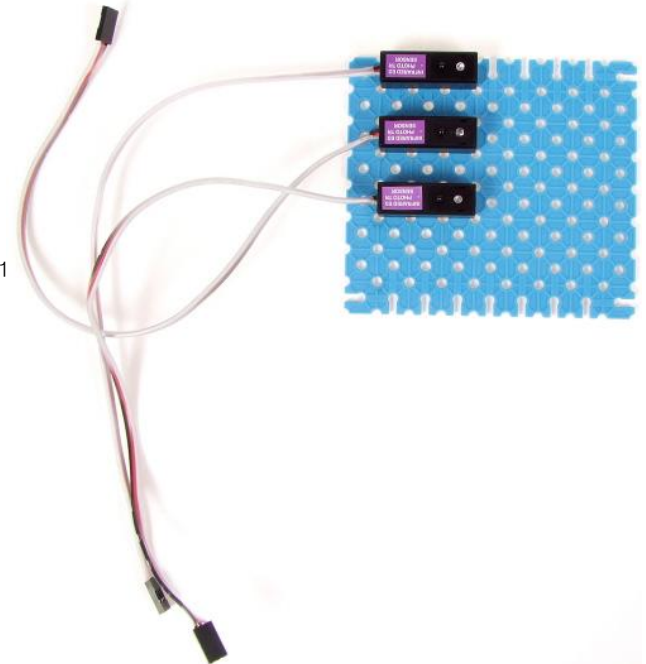
14

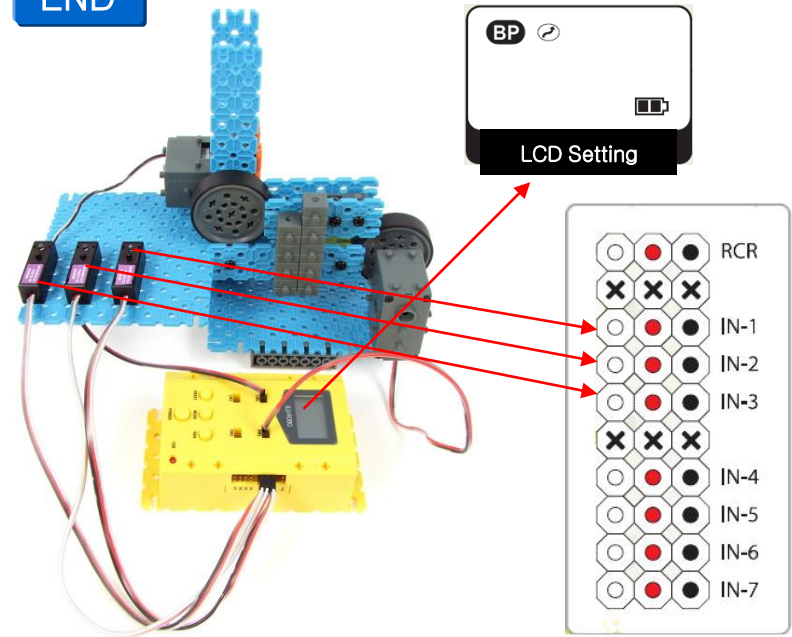
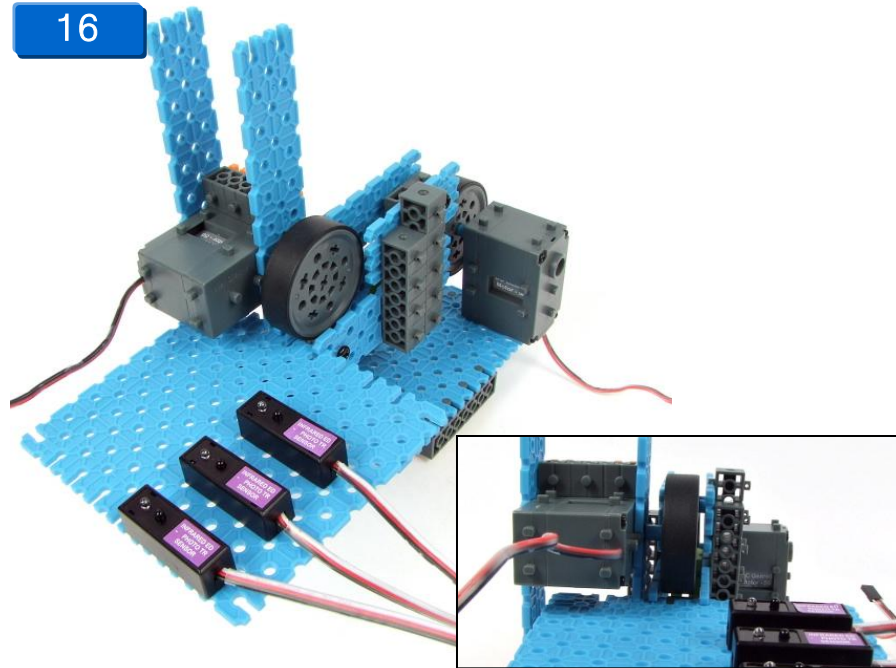


15

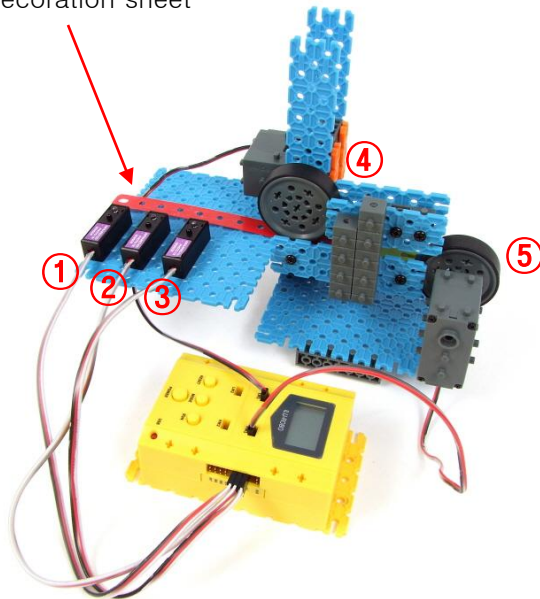


IR sensor X 3





Decoration sheet



- If all the IR sensors detect white color simultaneously, all motors are running. And the decoration sheet is moving from left side to right side.
- If only 1 and 2 sensors detect white color, only 4 motor is running.
- If only 2 and 3 sensors detect white color, only 5 motor is running.

See the movie if you want to check the operating of this machine.

# Part List of a Copy machine

X 1 X 2 X 2	X 2 X 2 (short) X 4		X 1 X 1 X 2	
X 1 (long) X 1 (short) X 1 X 1	X 1 (long) X 1 (short) X 1	X 2 (long) X 2 (short) X 2 X 2 (short) X 2 X 1	X 2 (long) X 2 (short) X 2 X 2 X 1	
X 1 X 1	X 1 (long) X 1 X 1	X 1 (long) X 1	X 1	X 3

X 2 X 2 X 2	X 2 X 2 X 3 X 3 X 2 X 4 X 3 X 2	X 2 X 2 X 2 X 1 X 1 (long) X 5	X 2 (long) X 2 (short) X 4 (short) X 8	<p>Total Part List</p>
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