



CONSTRUCCIÓN N° 7

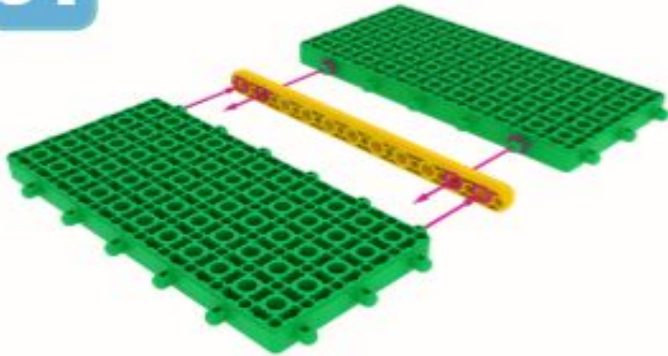
Beetle

“Beetle”

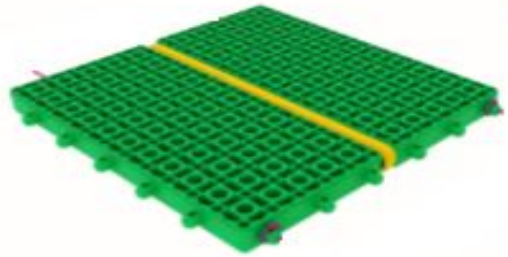
-Manual de instrucciones-



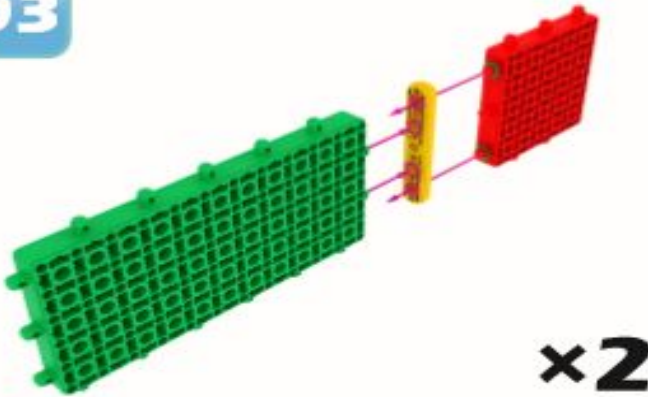
01



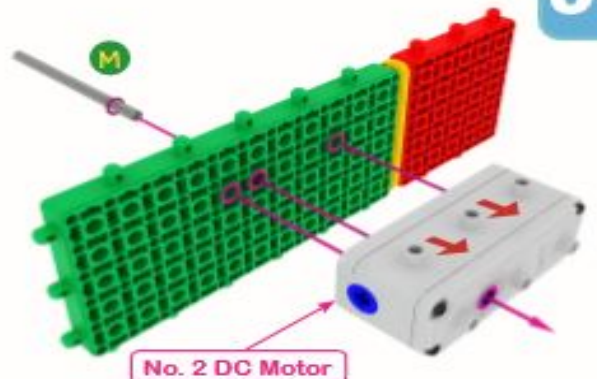
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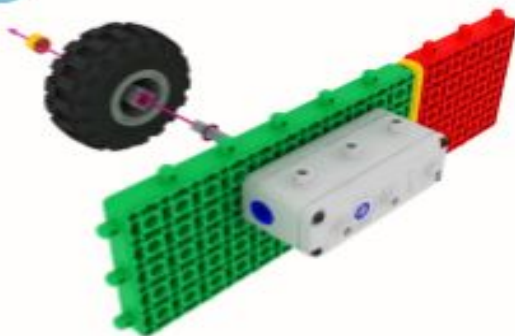
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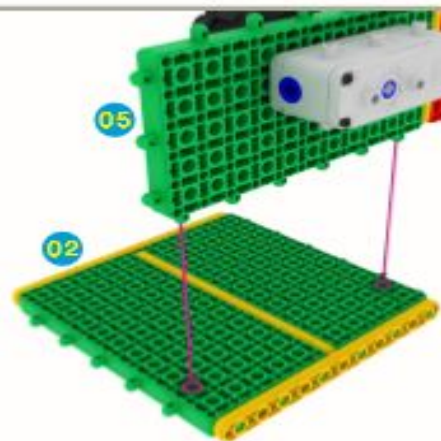
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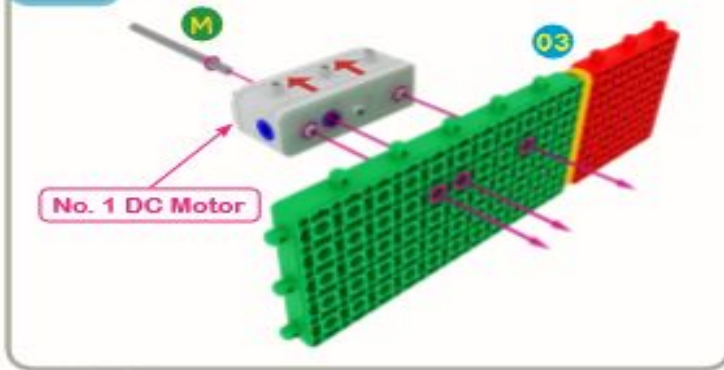
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06

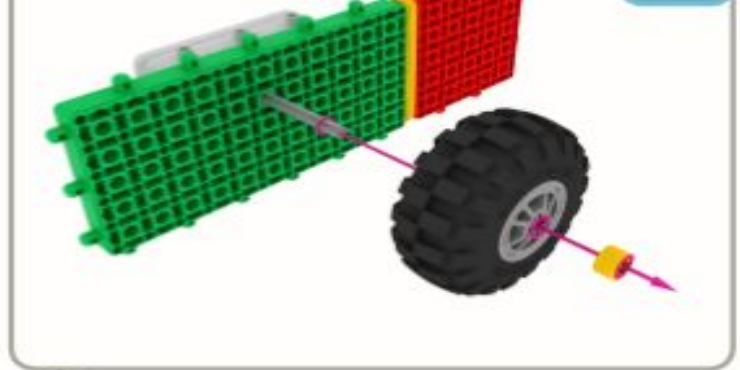


07



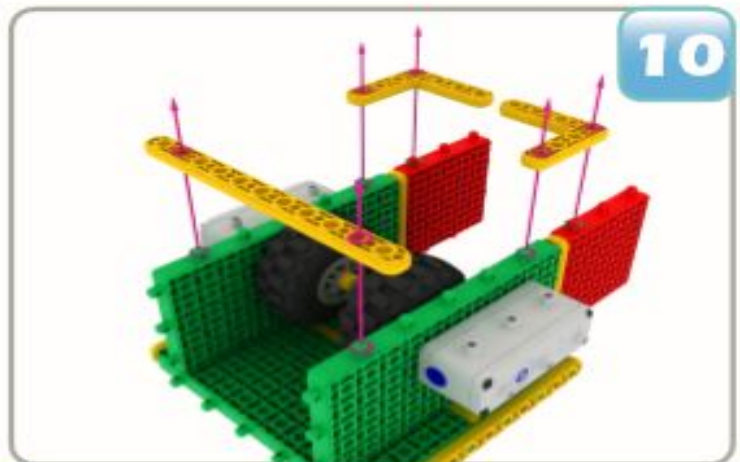
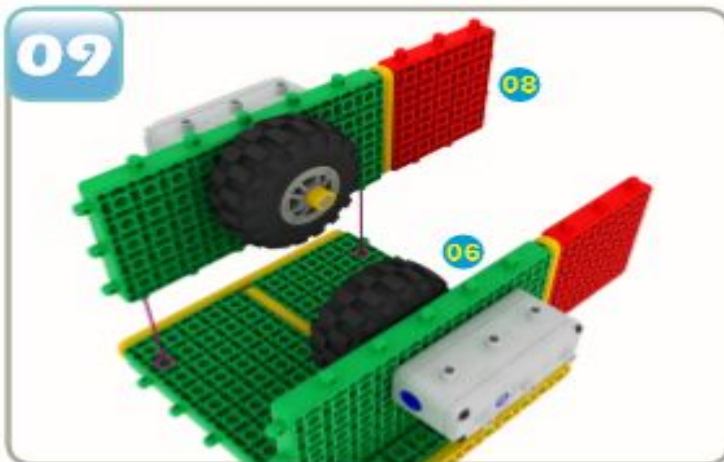
 **x1**  **x1**


08



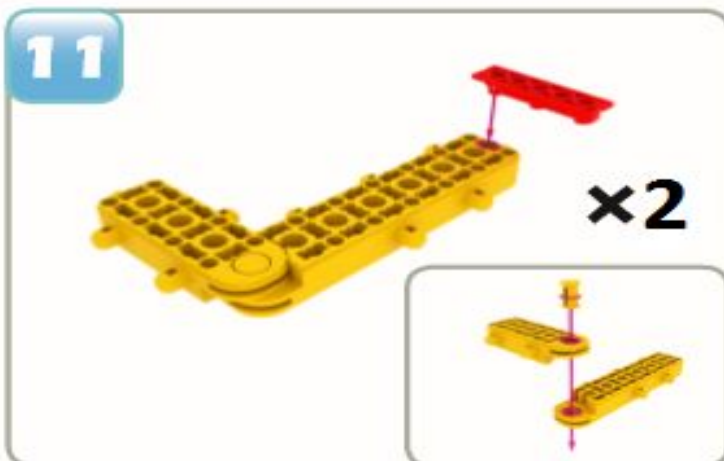
 **x1**  **x1**

09



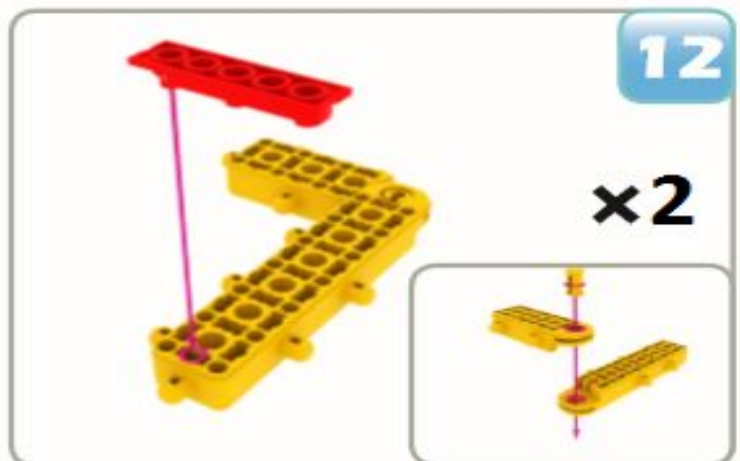
 **x2**  **x1**

11

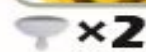
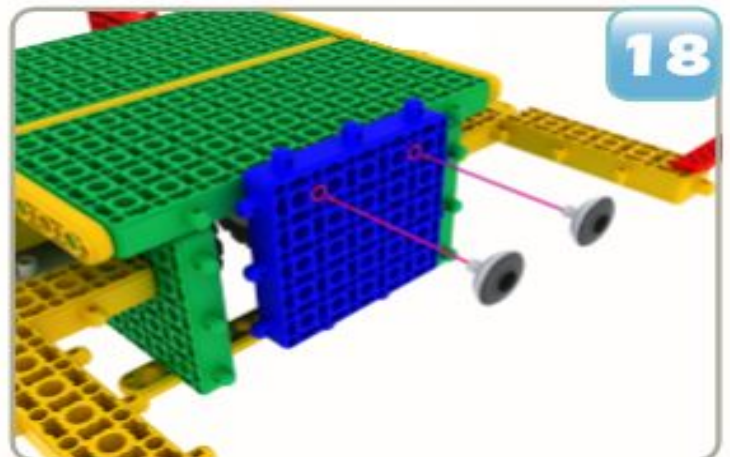
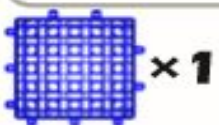
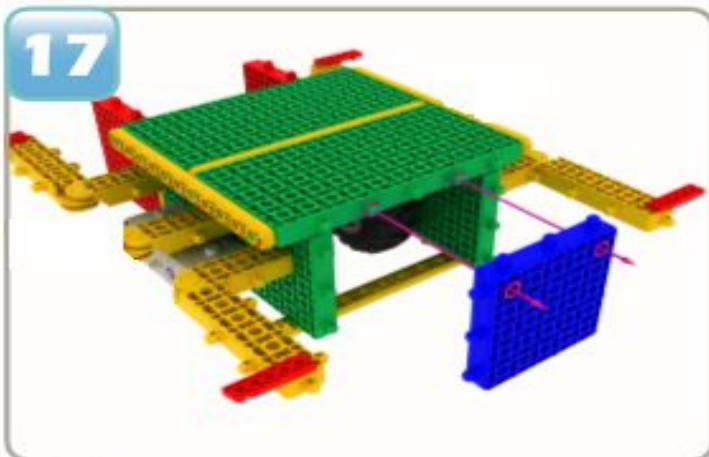
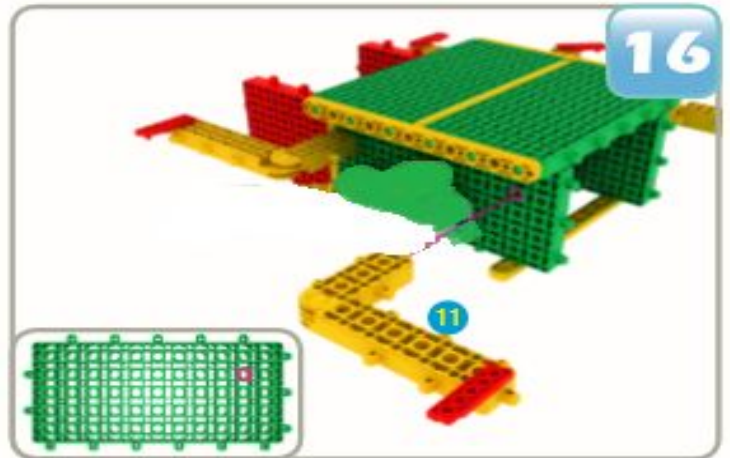
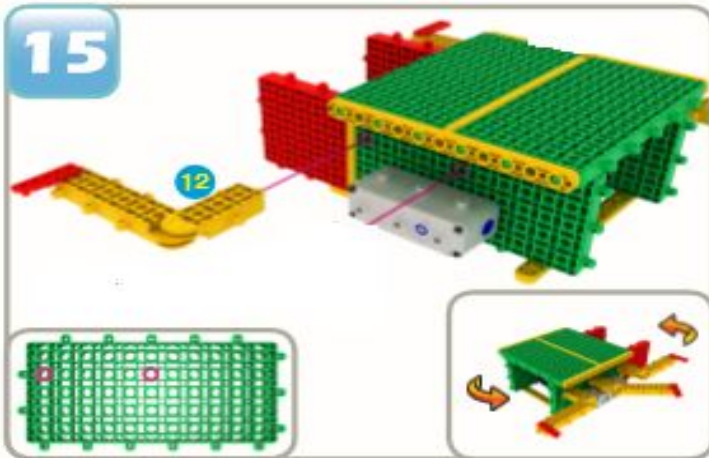
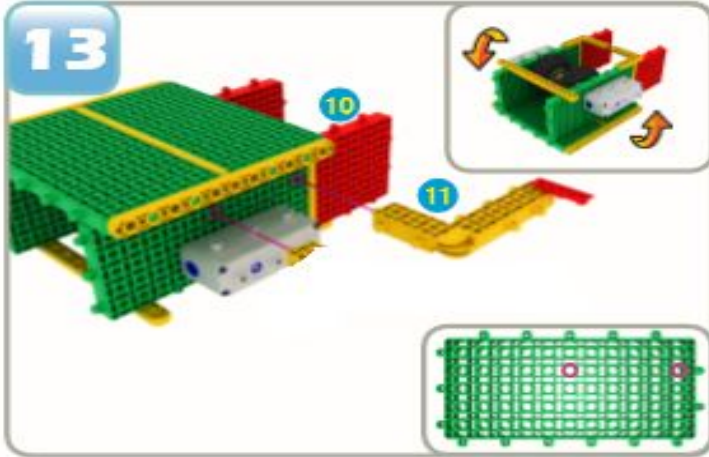


 **x2**  **x2**  **x2**
 **x3**

12



 **x2**  **x2**  **x2**
 **x3**



LOGiX5
SMART SOLUTIONS

19

Diagram showing the assembly of the blue plate. A blue 4x4 plate is being attached to the red structure. A green pin is shown being inserted into the red structure to secure the plate. An inset shows the blue plate being placed on top of the red structure.




Diagram showing two rows of red rectangular blocks, each labeled "x 1".

20

Diagram illustrating the assembly of the yellow L-shaped piece onto the red base. The yellow piece is shown being positioned over the red base, with two pink arrows indicating the placement of the yellow piece's long arm onto the red base's top surface.

 **× 1**

×2

23

18

22

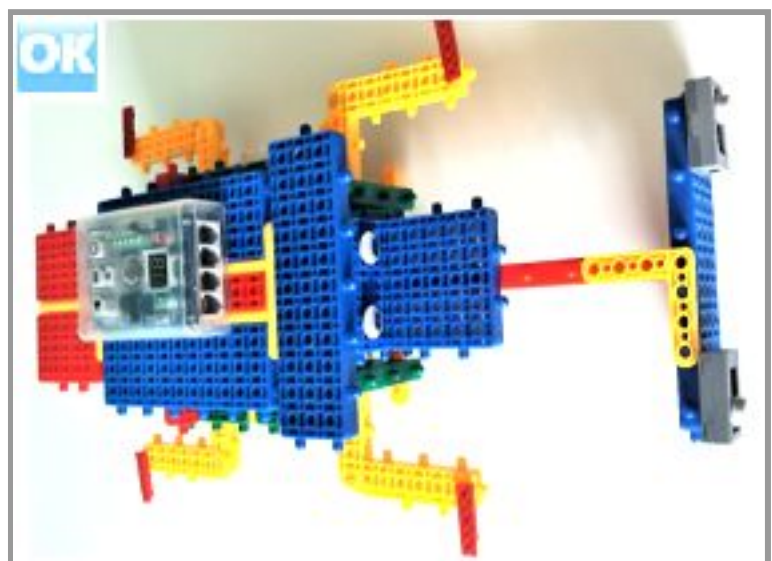
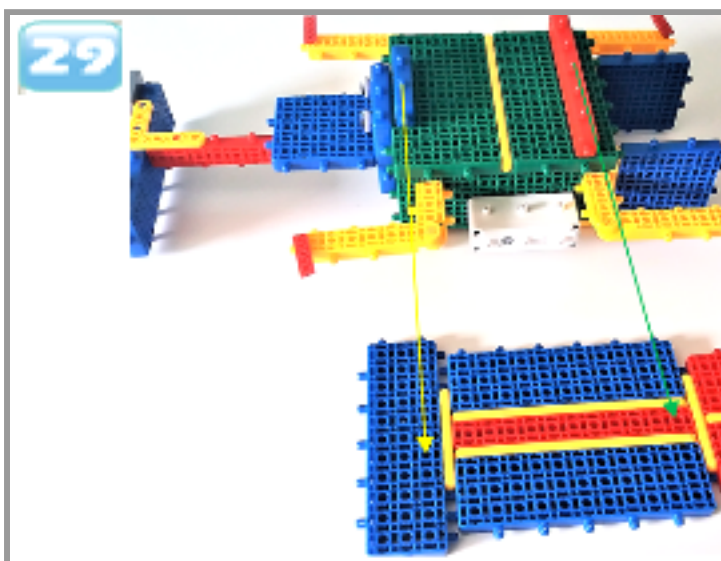
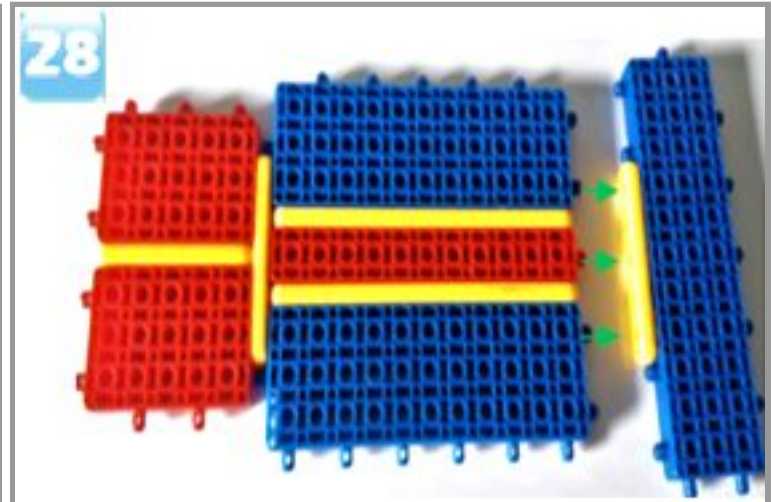
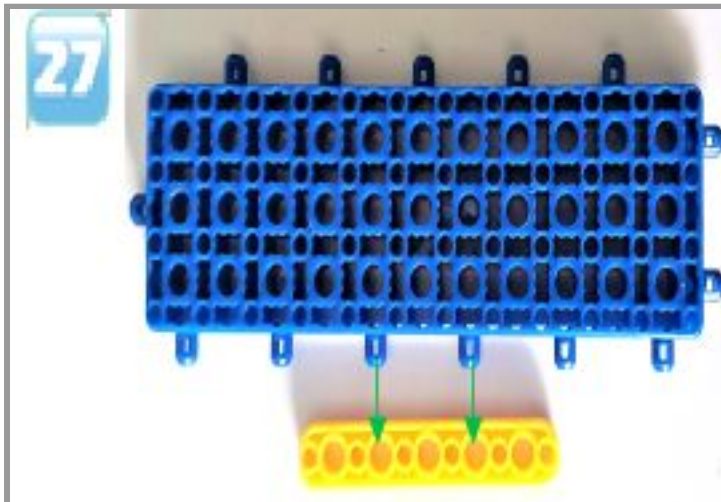
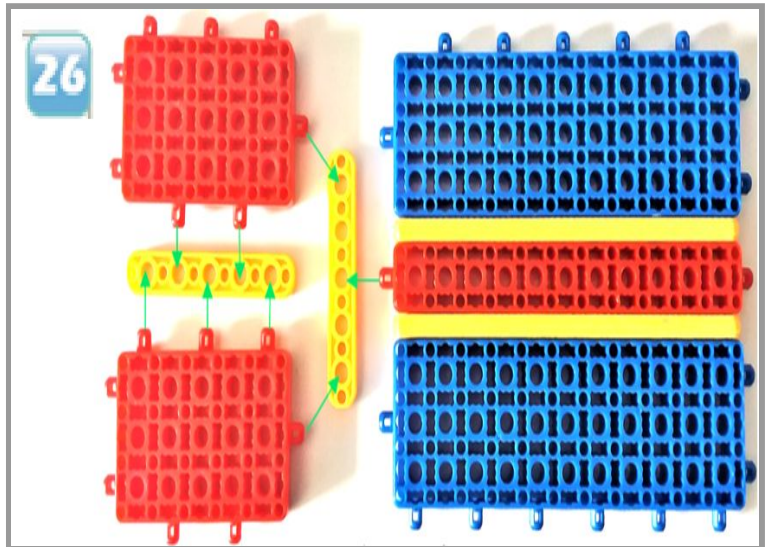
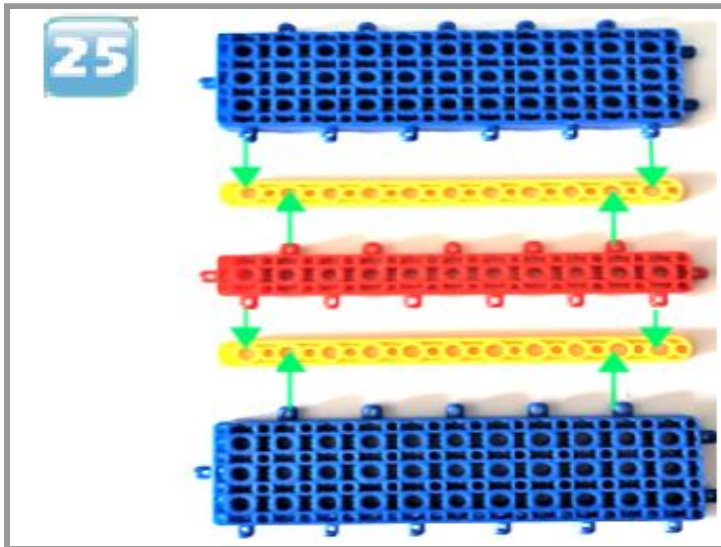
22

24

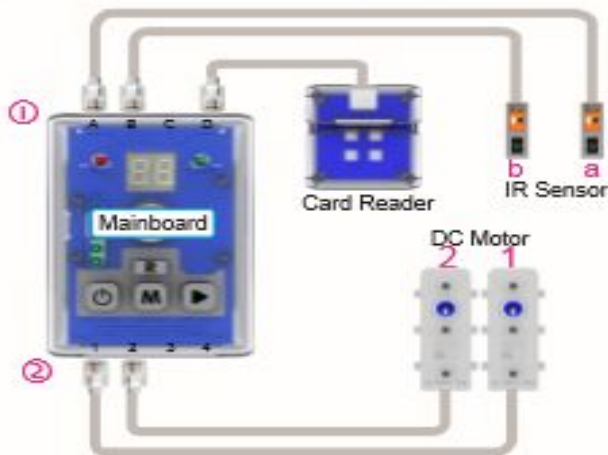


x 1

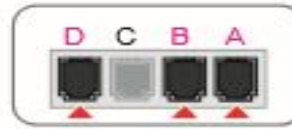
 $\times 1$



Connect mainboard



- ① Connect Card Reader to connector D, IR Sensor a & b to connector A & B.



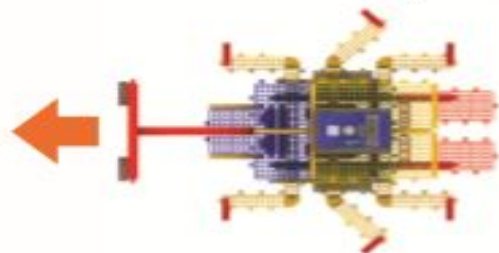
- ② Connect DC Motors to connector 1 & 2.



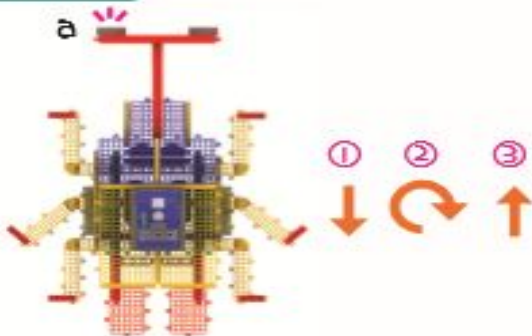
Make Beetle move!

the Beetle will go forward.

Action mode

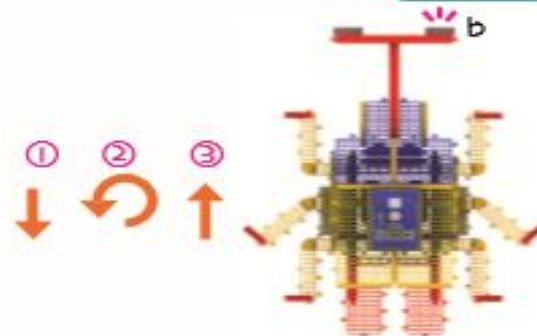


Obstacle



IR Sensor a detects the left obstacle, the Beetle will go backward and turn right, then go forward.

Obstacle



IR Sensor b detects the right obstacle, the Beetle will go backward and turn left, then go forward.

Programación “Beetle”

