

1. GRÚA






Con EdCreate podemos construir una grúa dirigida por control remoto. La programación podemos realizarla tanto con los códigos de barras como utilizando cualquiera de los lenguajes de programación propios de Edison.

El control de la grúa puede realizarse programando cualquier mando a distancia genérico.

CONSTRUCCIÓN

En la superficie de Edison encontramos 3 tipos de elementos donde conectar las piezas de construcción.

Hembra	Agujeros no asociados a motor	
Macho	Elementos circulares salientes	
Agujeros con forma de cruz	Agujeros asociados a ejes de motor	

1



2



3

1x



4

4x

1x

1x



1:1

4

3



5

1x



1x



6

1x



7

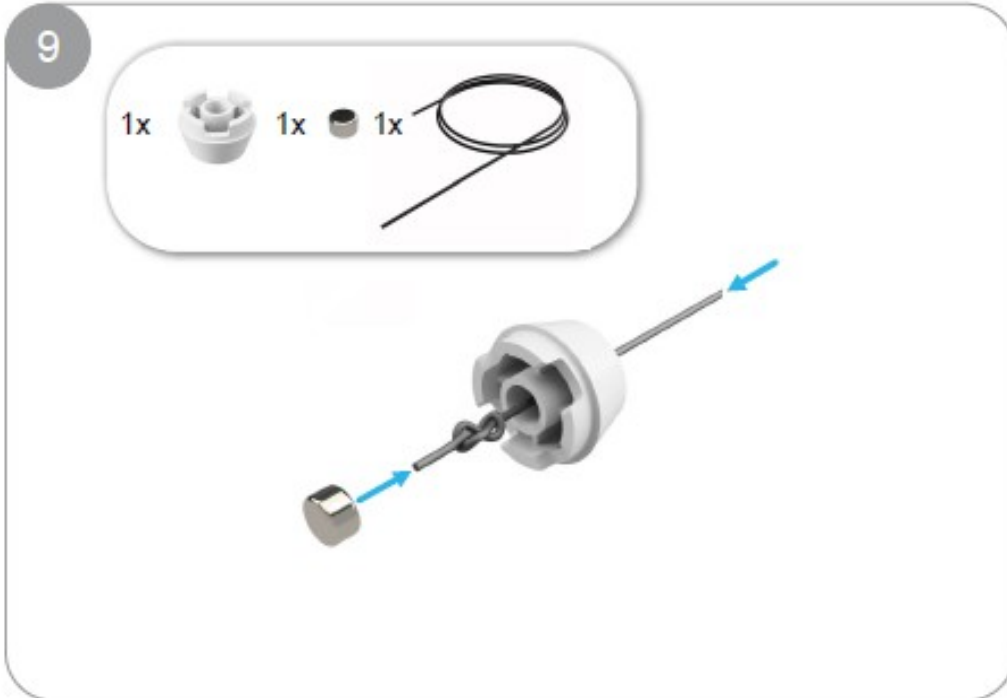
1x  1x 



8

2x  4x  1x 





11



12

2x



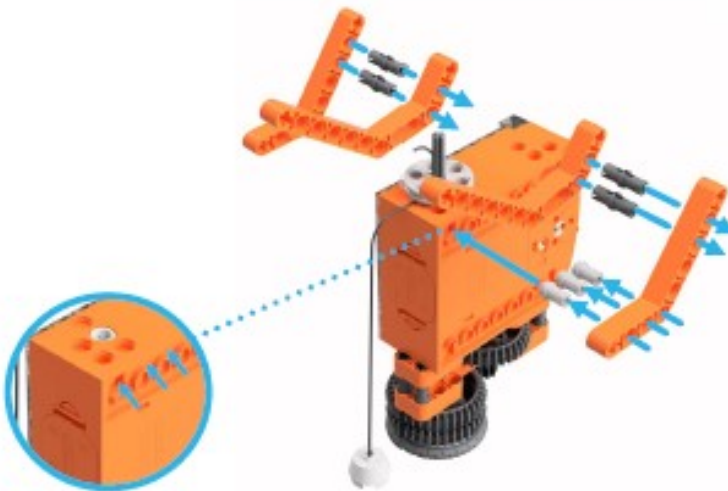
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3x



4x



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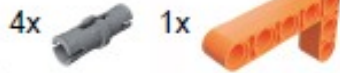
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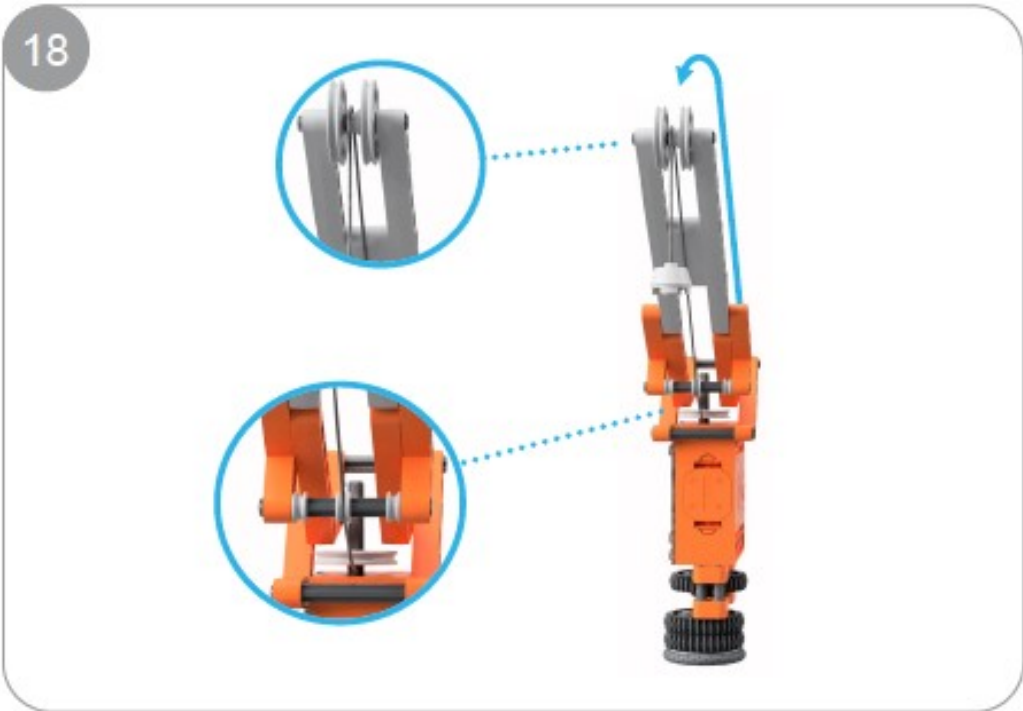
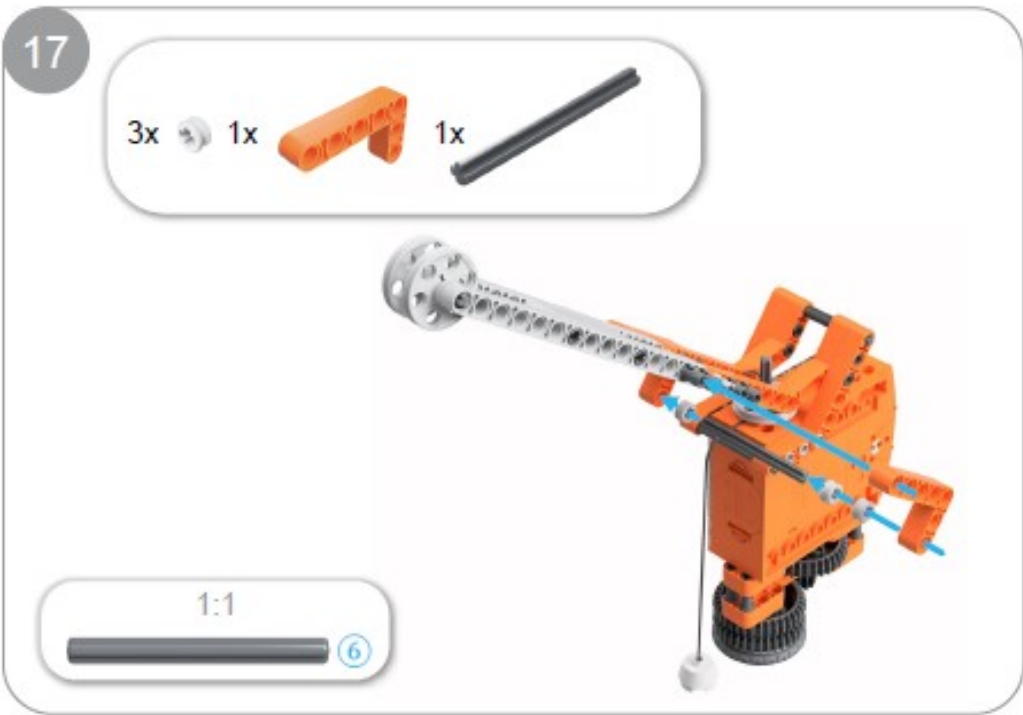


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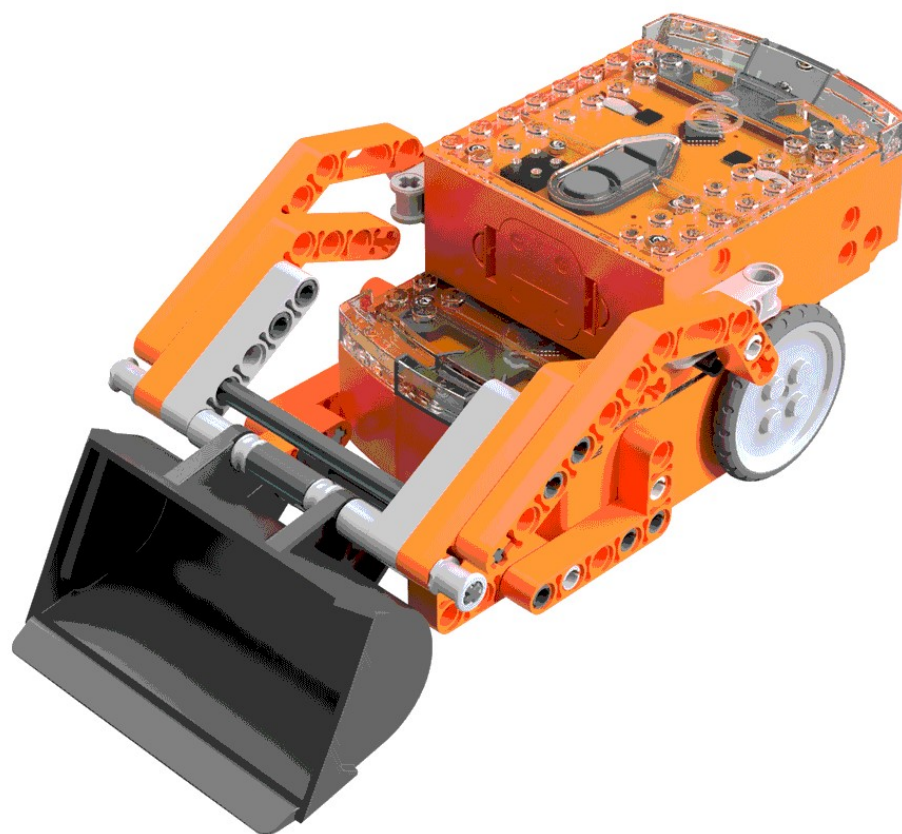
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2. ESCAVADORA









ESCAVADORA


Para la construcción y programación de esta excavadora necesitarás 2 robots Edison. Uno se encargará de mover las ruedas del vehículo y el otro robot se encargará de mover la pala de escavación


Puedes programar un mando a distancia genérico para controlar los movimientos del la excavadora.




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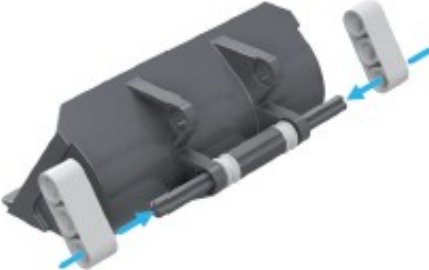
2x  1x  2x  1x 






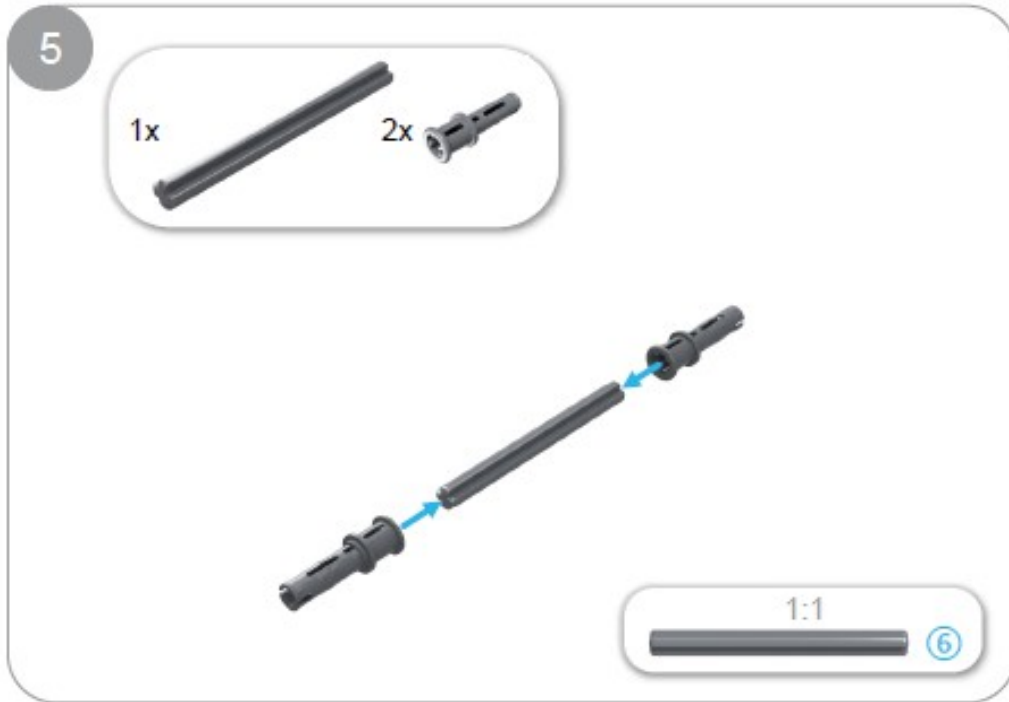
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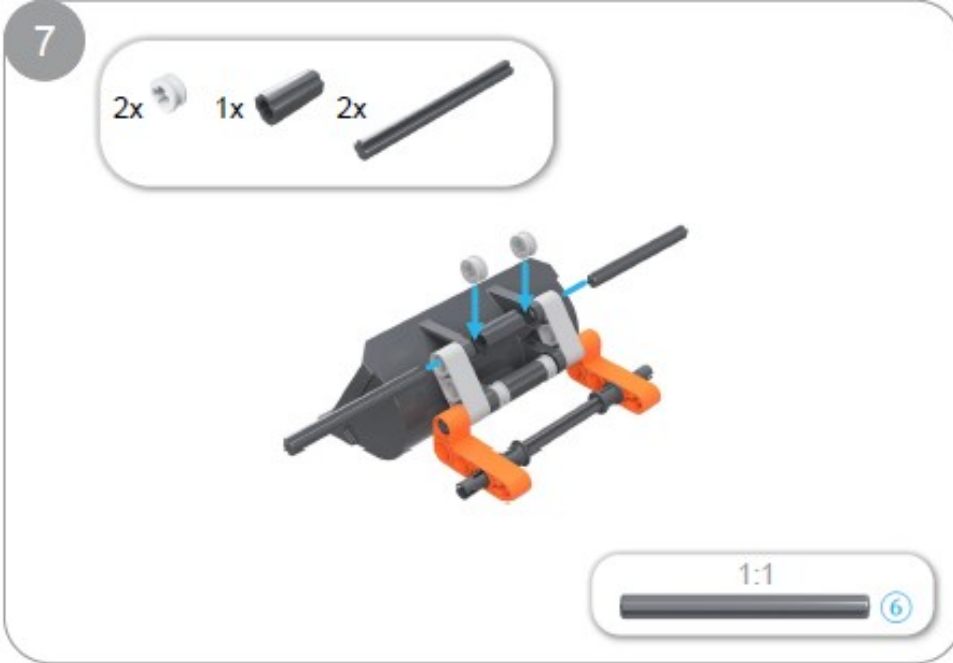
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1:1    ③

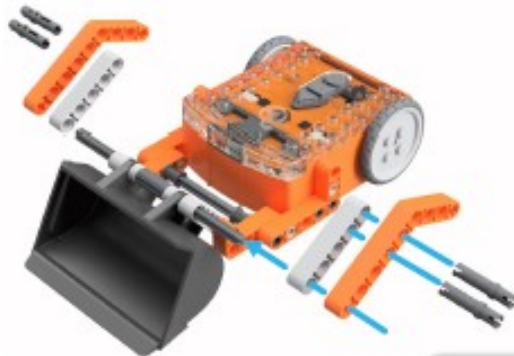


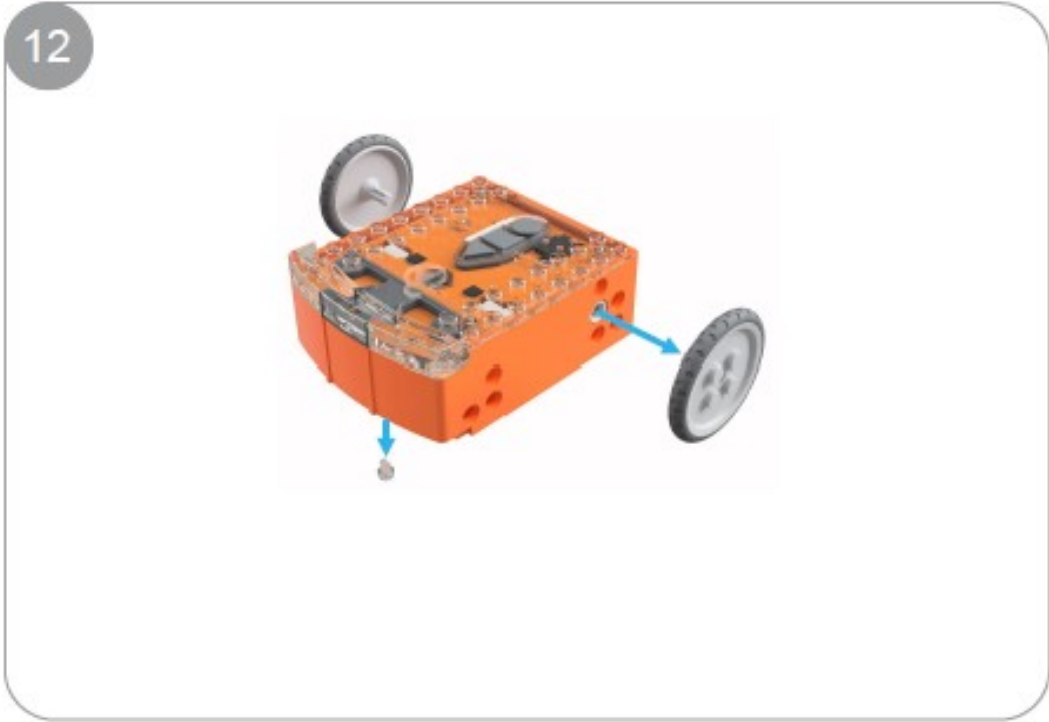
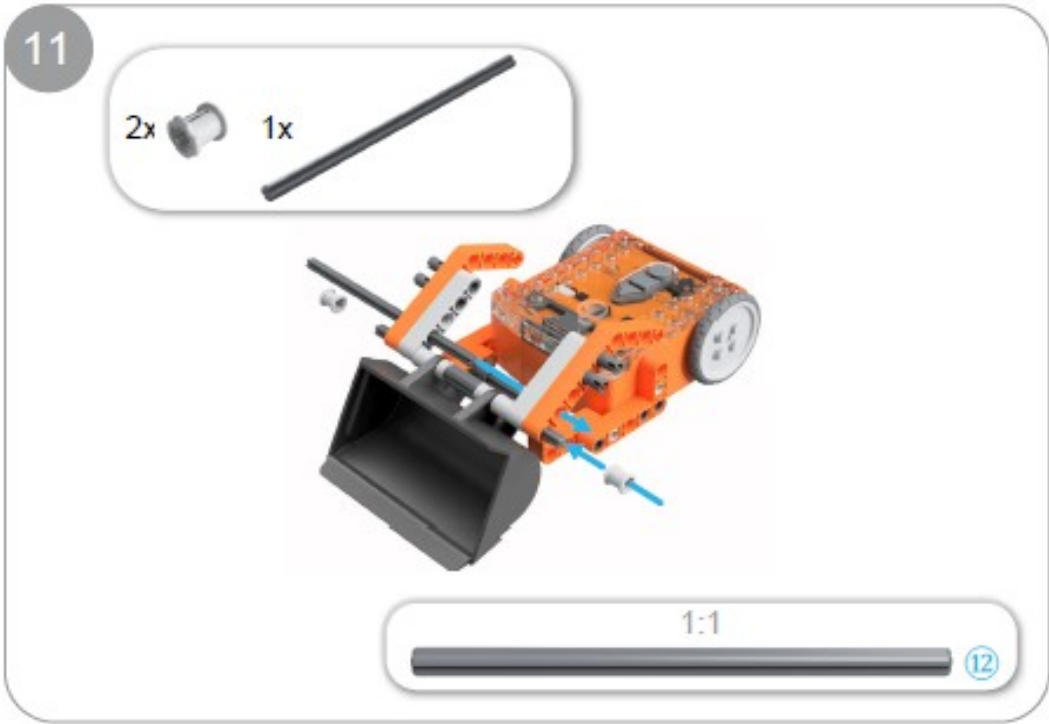


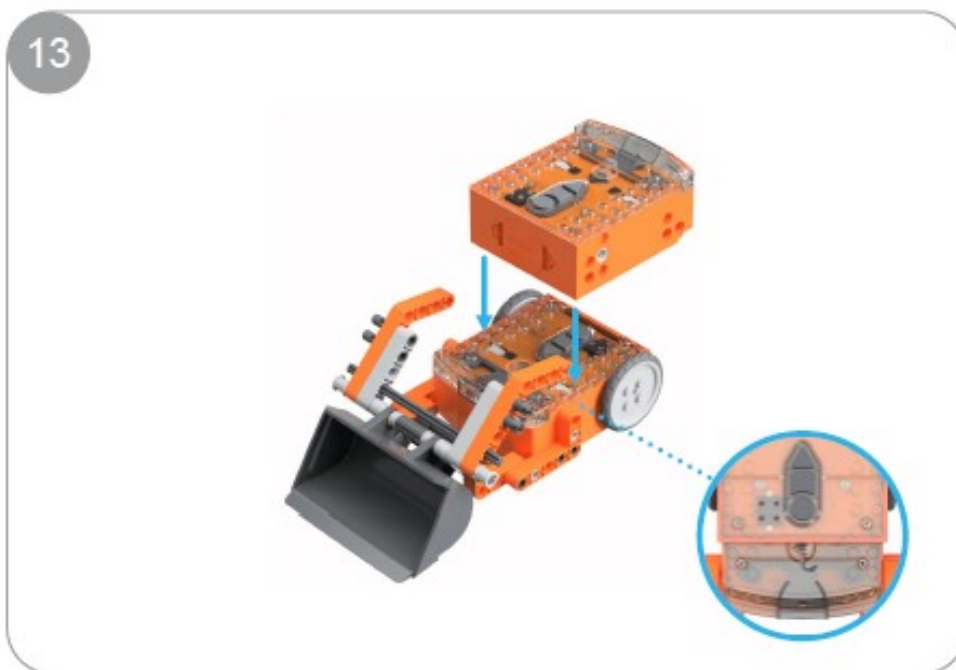
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2x 



16

2x 



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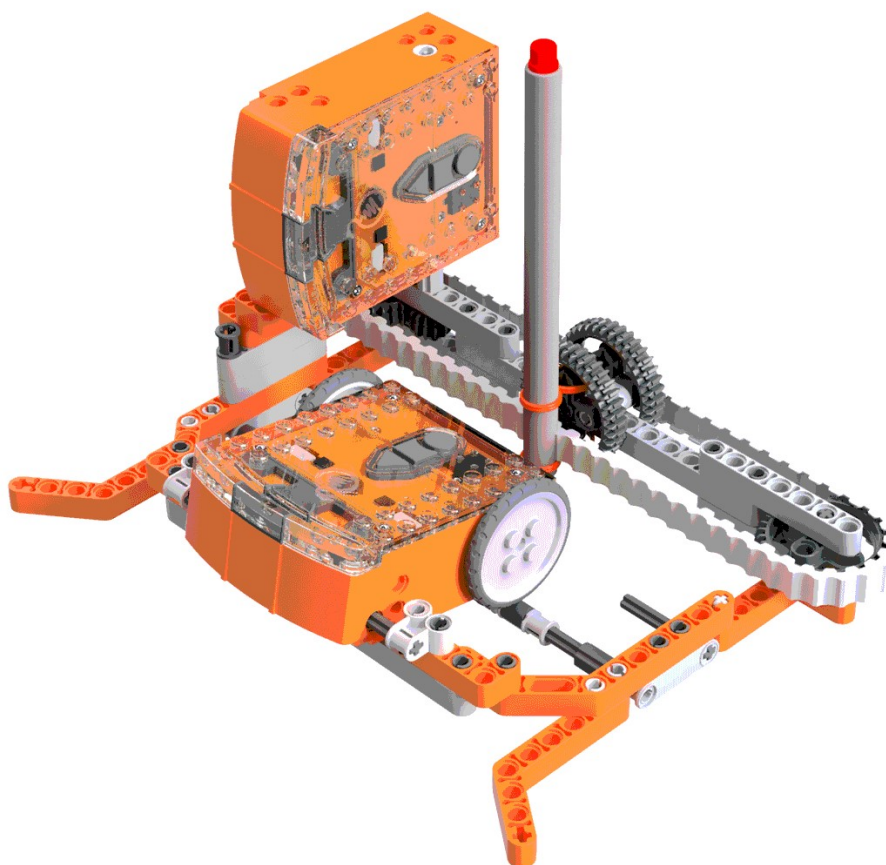
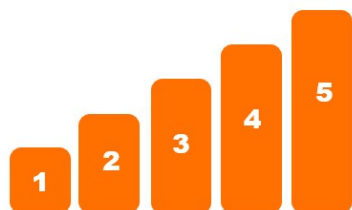
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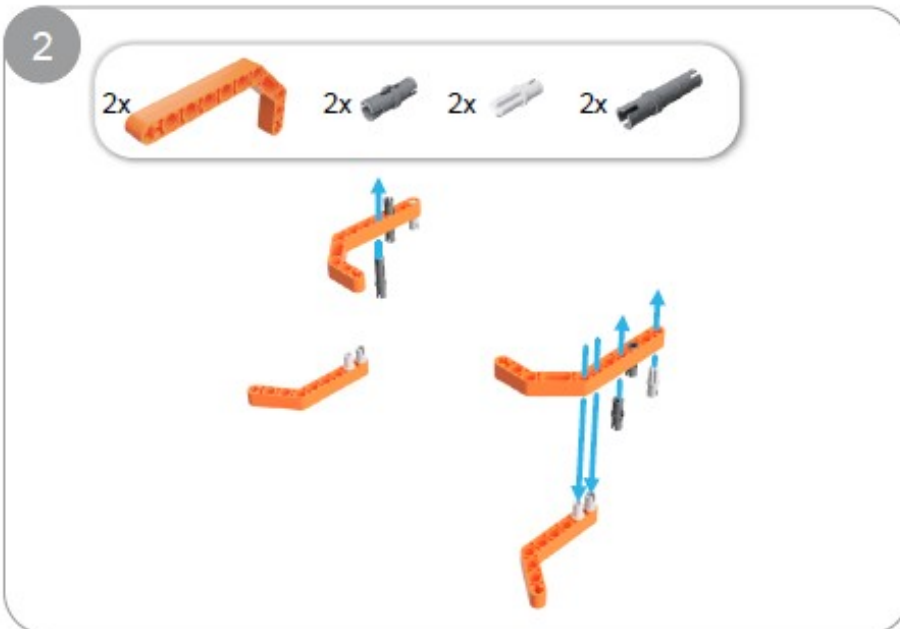
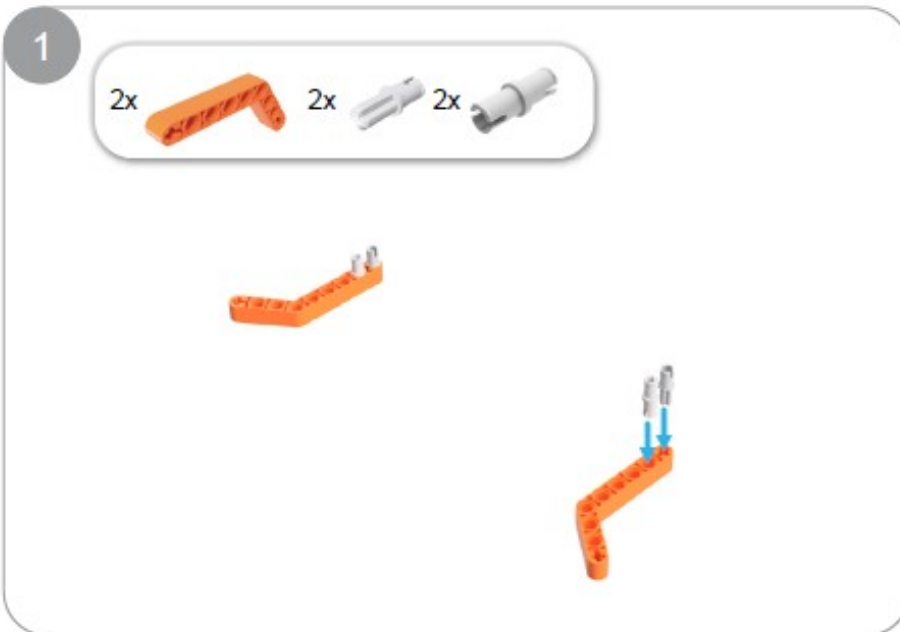


3. IMPRESORA



Este montaje permite programar el movimiento de un lápiz para que dibuje por ejemplo una forma geométrica.

Para este montaje se necesitan 2 robots Edison







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




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1x  4x  1x  2x 




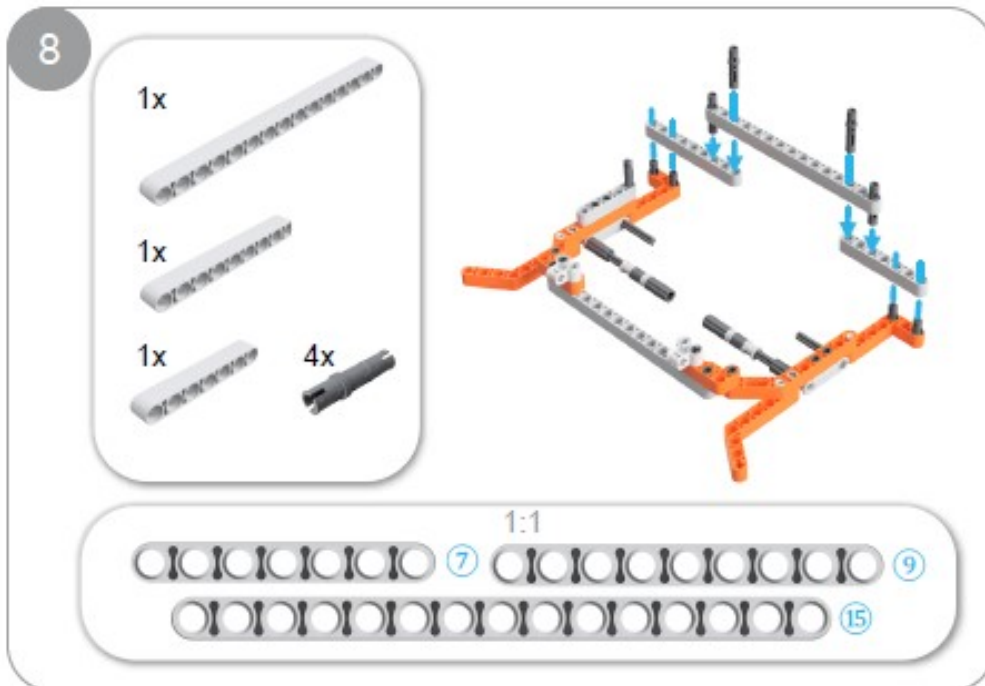
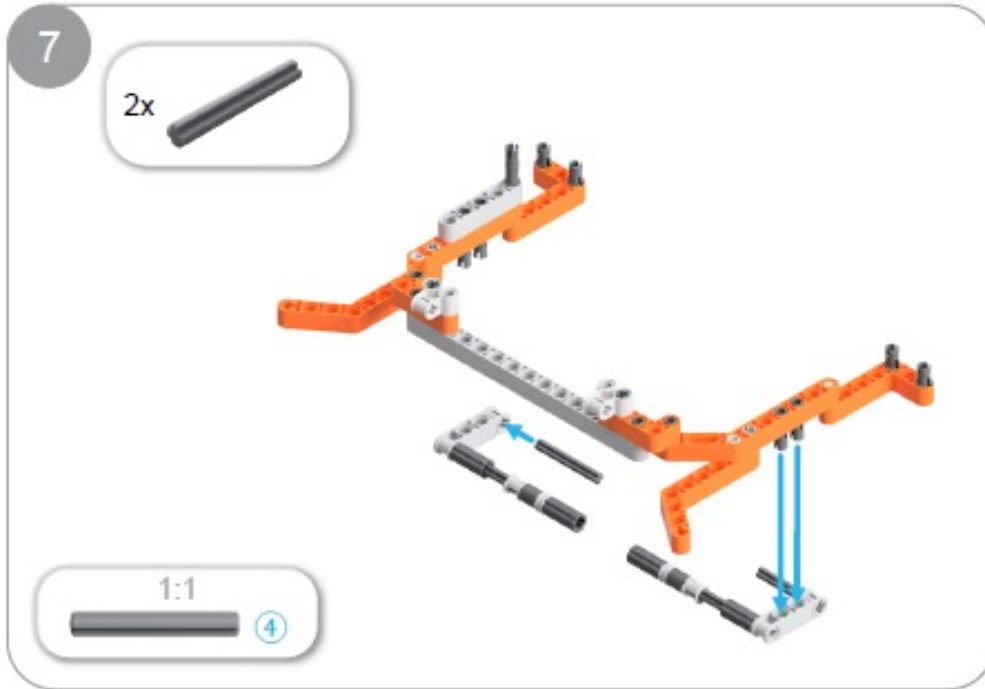
1:1  5

6

2x  4x  2x  2x  2x  2x  2x 



1:1  6



9

1x 1x 2x

1:1

③ ⑥

10

1x 1x 1x

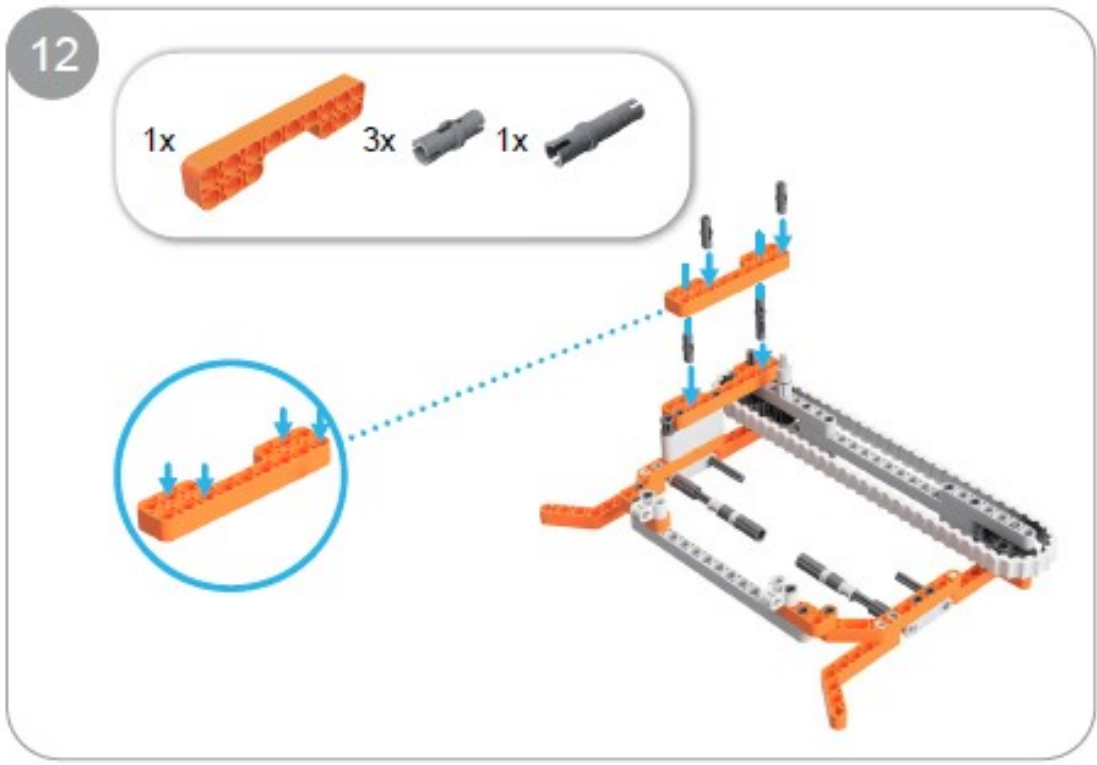
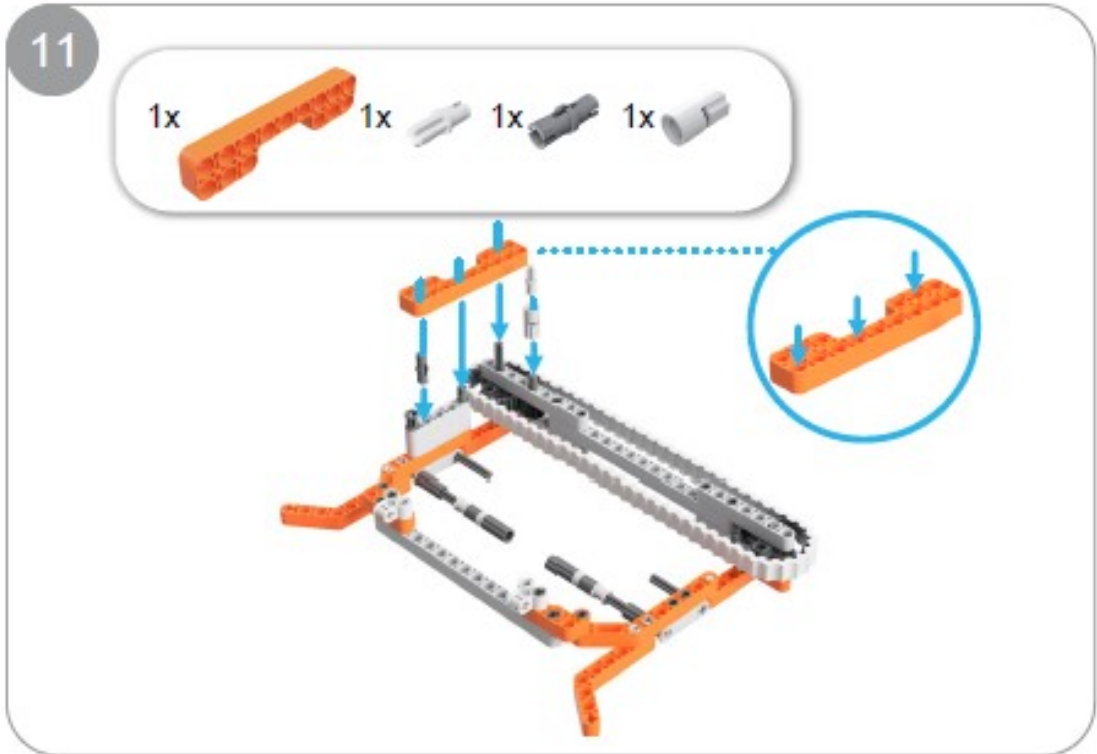
1x 1x

1x 1x

1:1

⑦ ④

⑨ ⑤



13



14



15

2x



1:1

3

16

1x

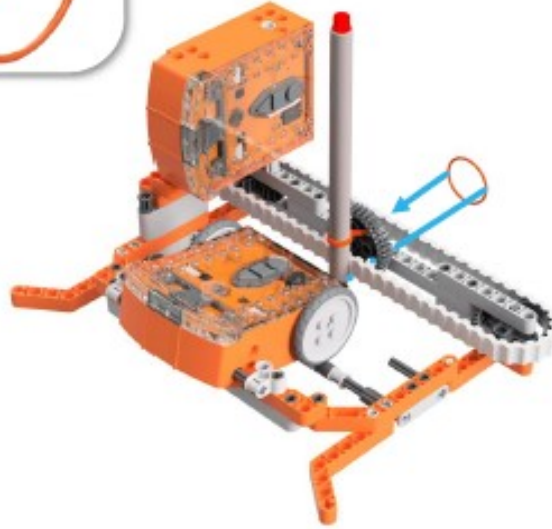


1x

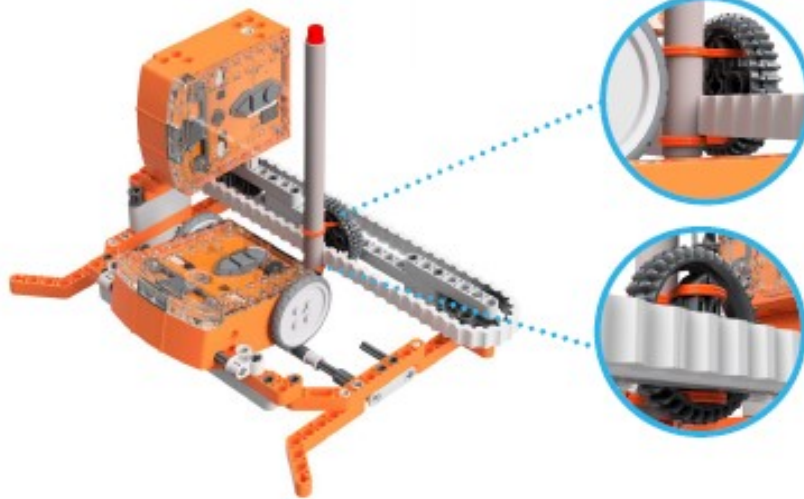


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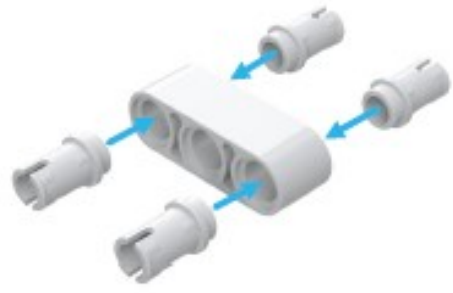
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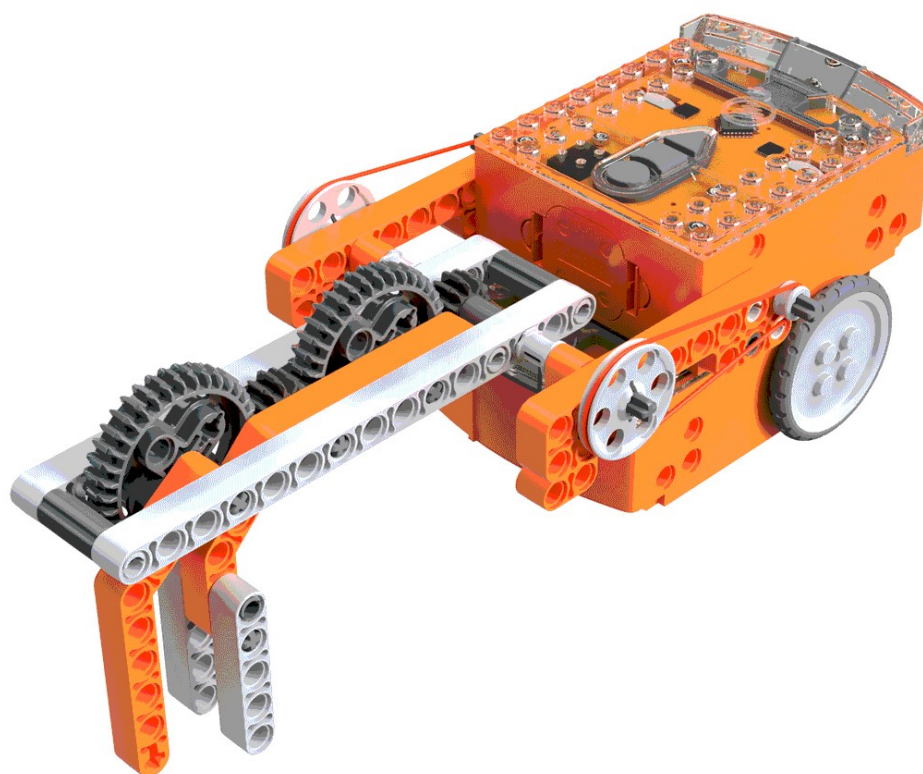
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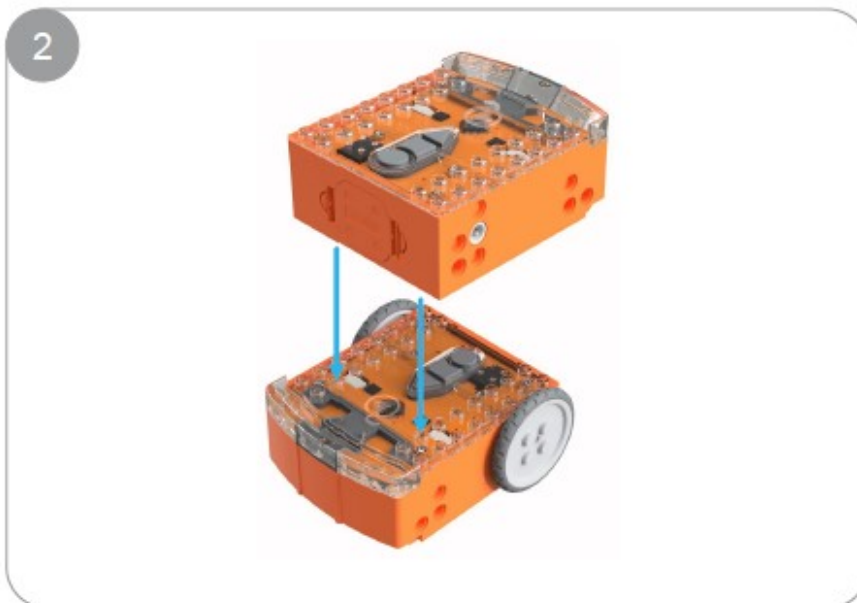
4. BRAZO ROBÓTICO






El brazo robótico es un montaje que puede programarse para ser controlado por un mando a distancia genérico.

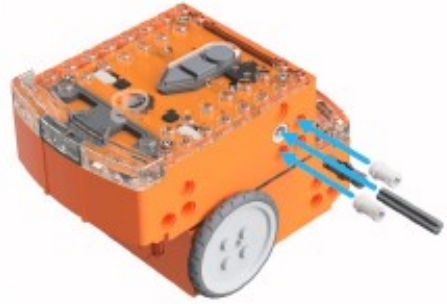
Para poder realizar este montaje necesitamos 2 robots Edison


Antes de realizar el montaje tenemos que programar Edison







3


2x  1x  1x 




1:1  ③

4

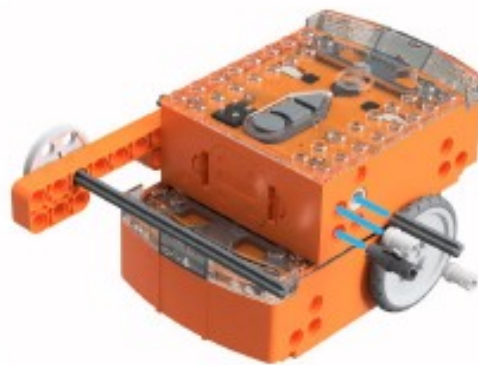
1x  1x  1x  1x 



1:1  ⑫

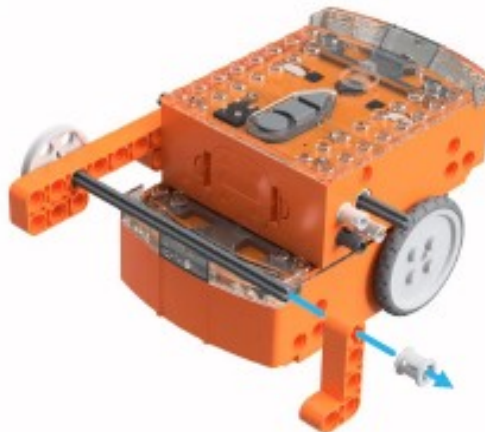
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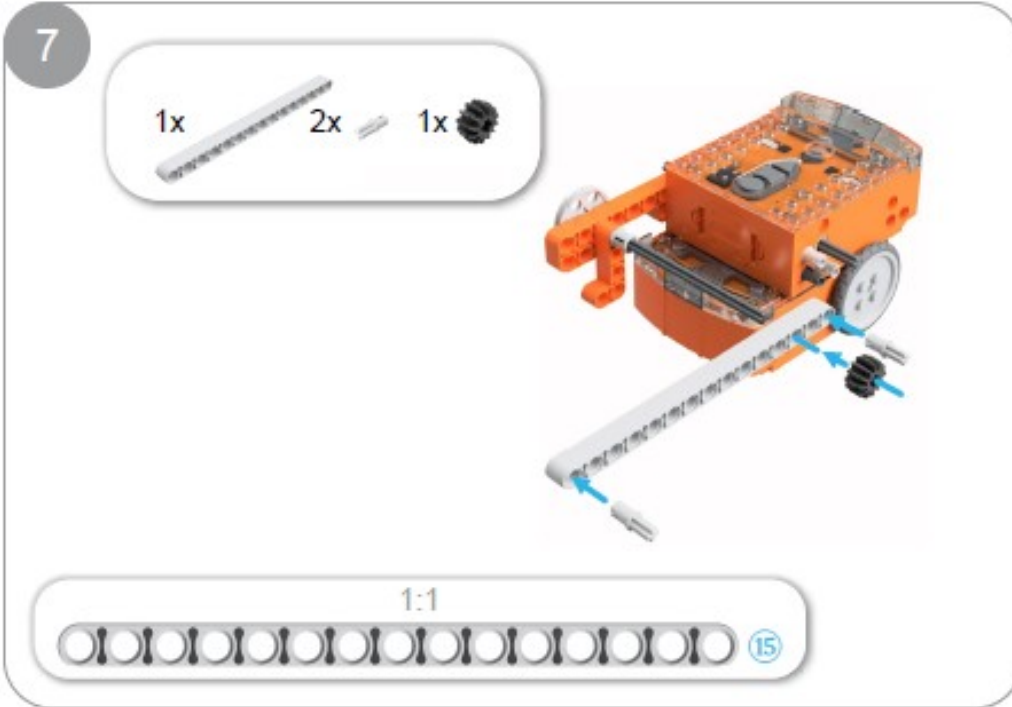
2x  x1  x1 

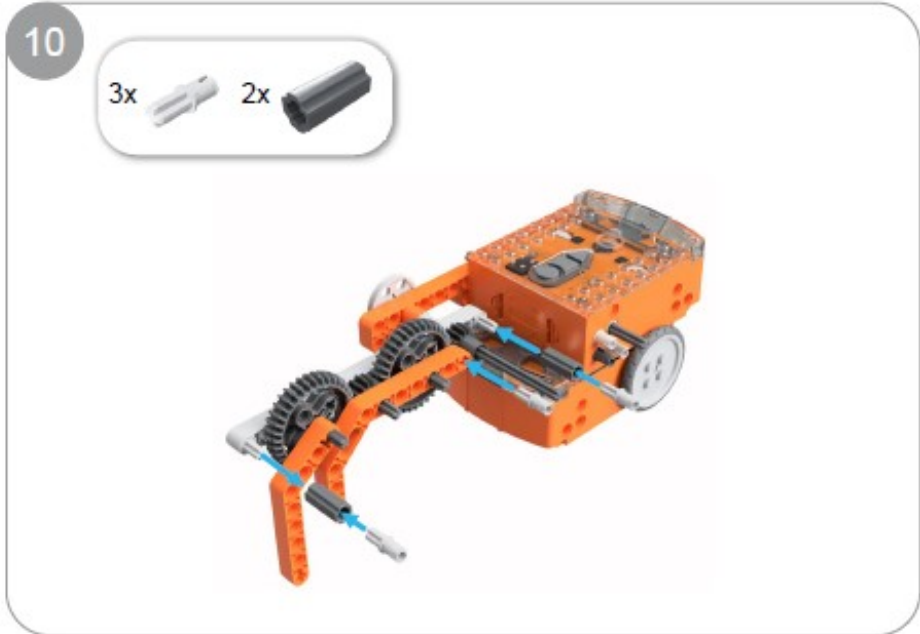


6

1x  1x 

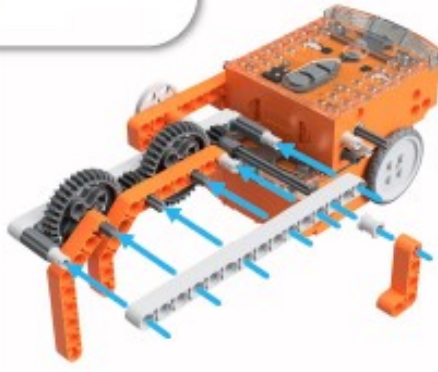






11

- 1x 
- 1x 
- 1x 



12

- 1x 
- 1x 
- 1x 



13

2x  1x  1x 



1:1  ③  ⑤

14

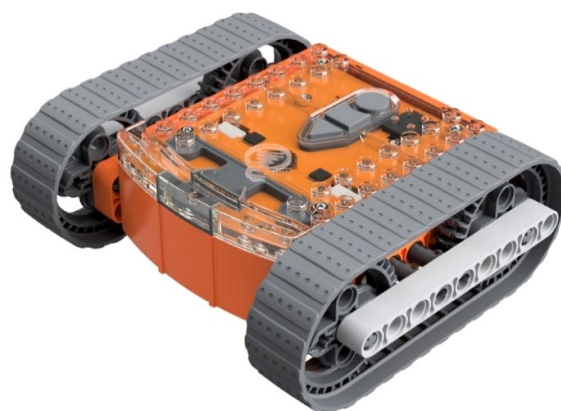
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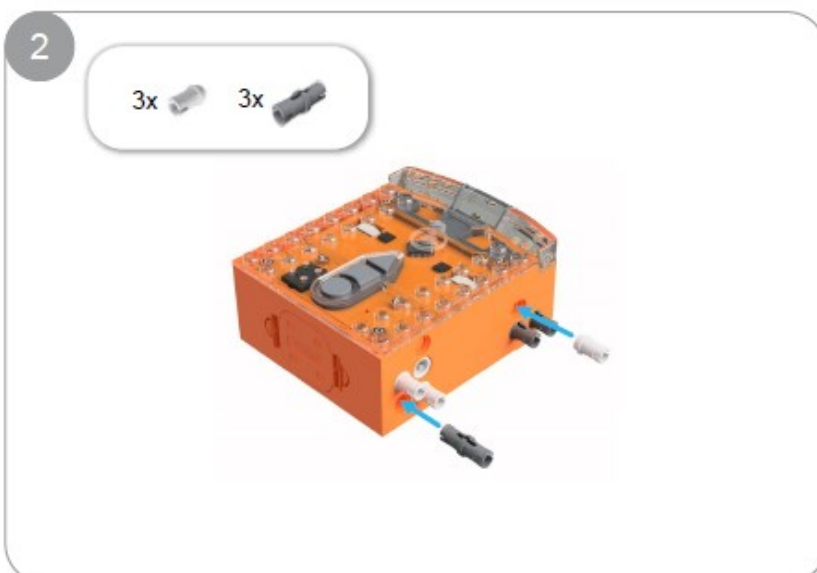
5. TANQUE



Podemos construir dos modelos de tanque

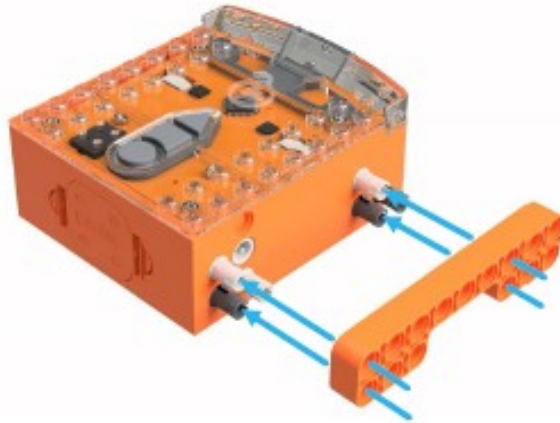
El modelo básico consiste en un coche que puede controlarse con un mando a distancia genérico y programable con códigos de barras.

El segundo modelo incluye un cañón. Para este modelo se necesitan 2 robots Edison



3

1x



4

3x



3x



5

1x



6

2x



1:1

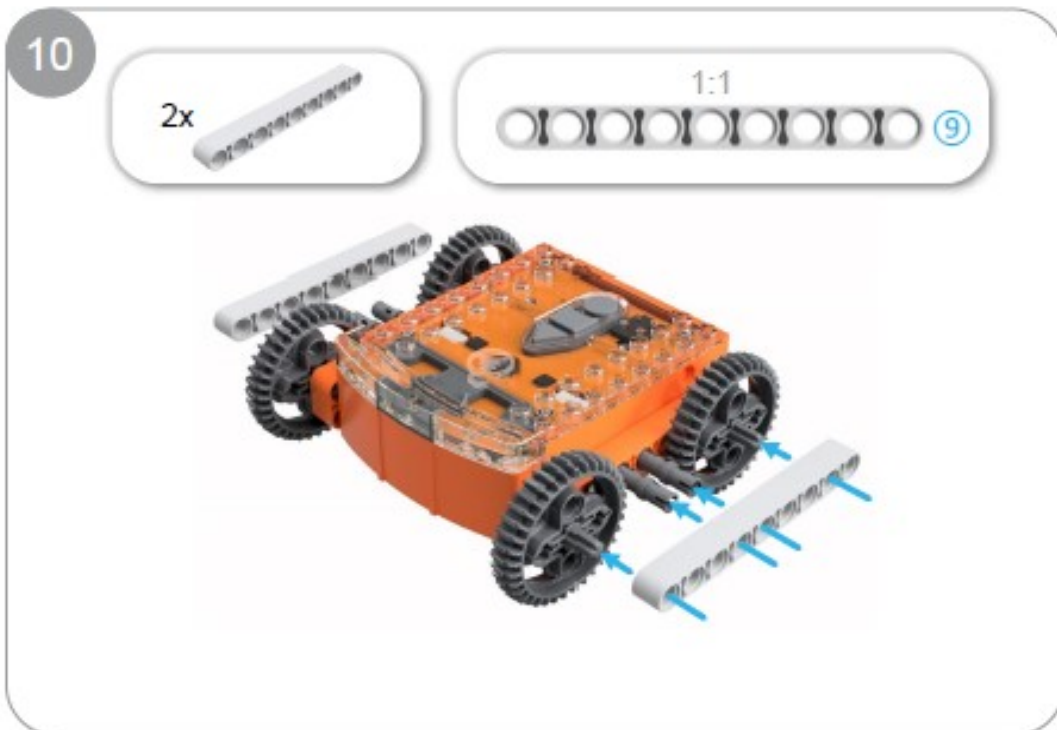
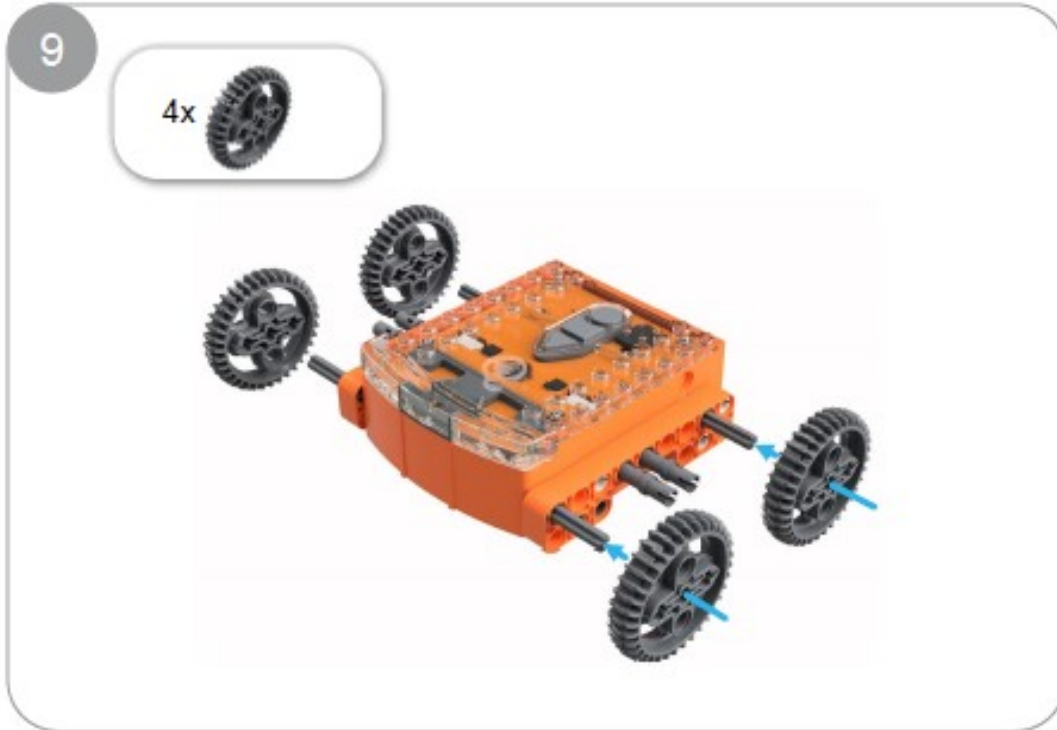


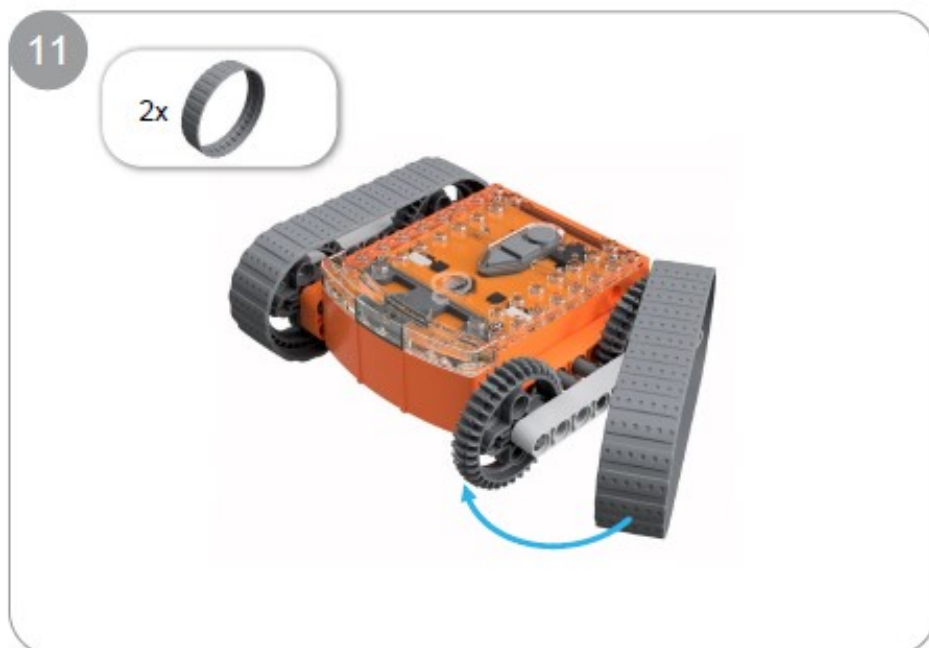
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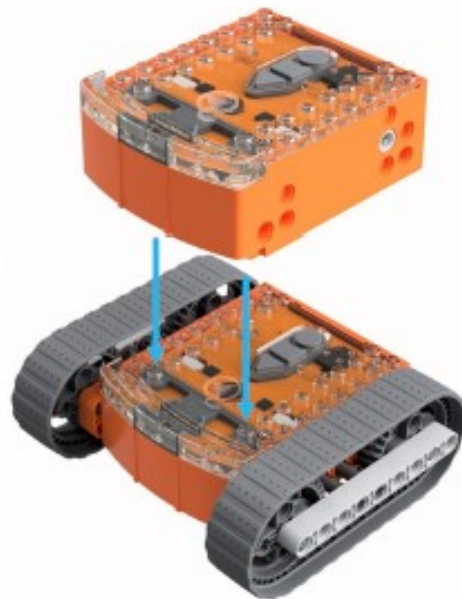




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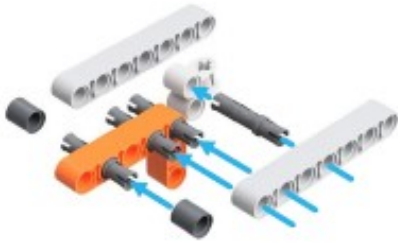


16



17

- 2x 
- 2x 
- 1x 
- 1x 

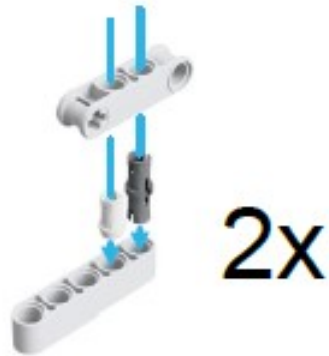


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- 1x 
- 1x 



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22

1x  1x  1x 



23



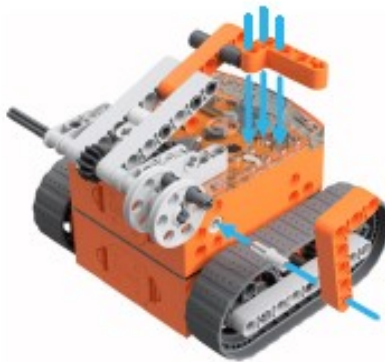
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1x



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