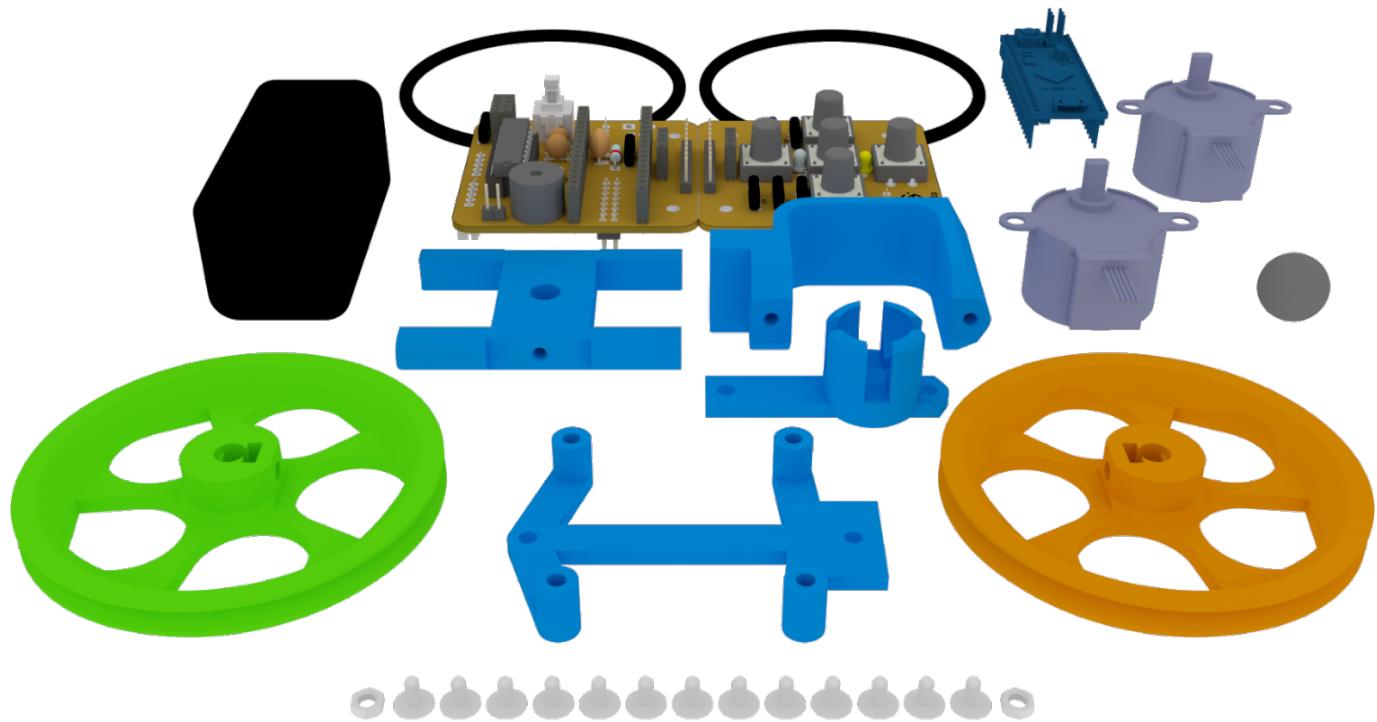

Instrucciones para el montaje del chasis del Escornabot OGAKI

Material educativo

abierto.cc



Piezas que componen el robot





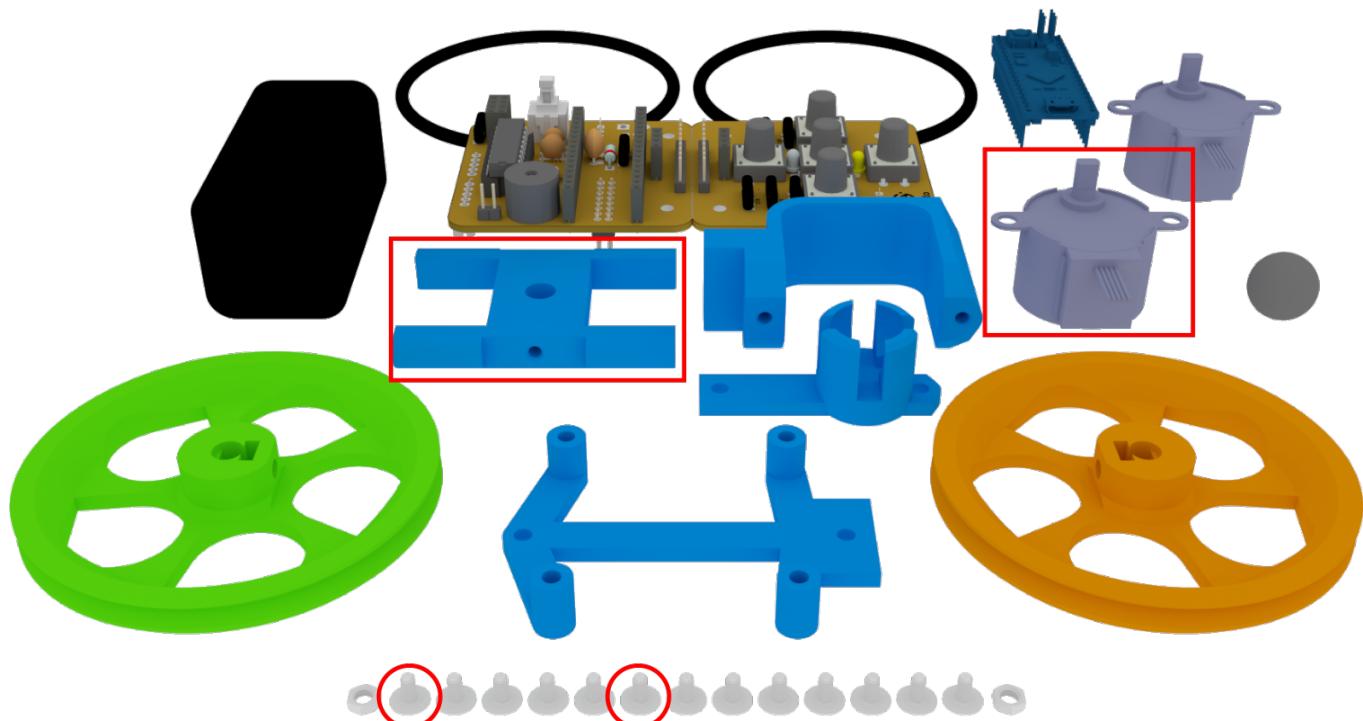
abierto

Primer motor



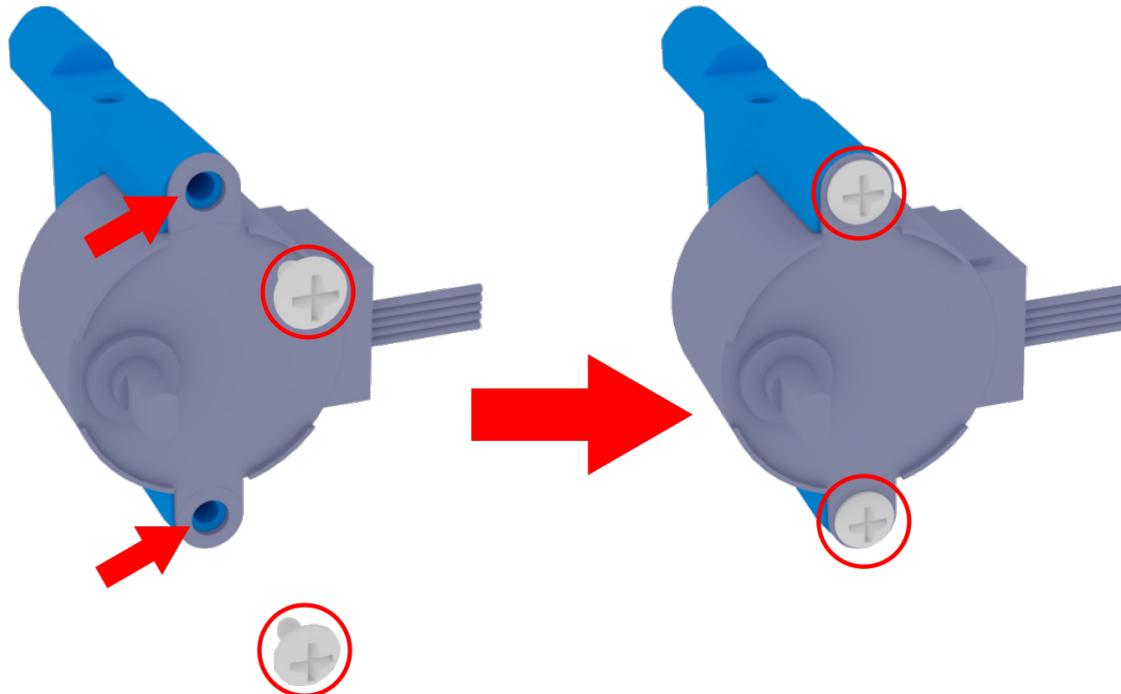
abierto

Componentes necesarios





Fijamos el motor con los tornillos



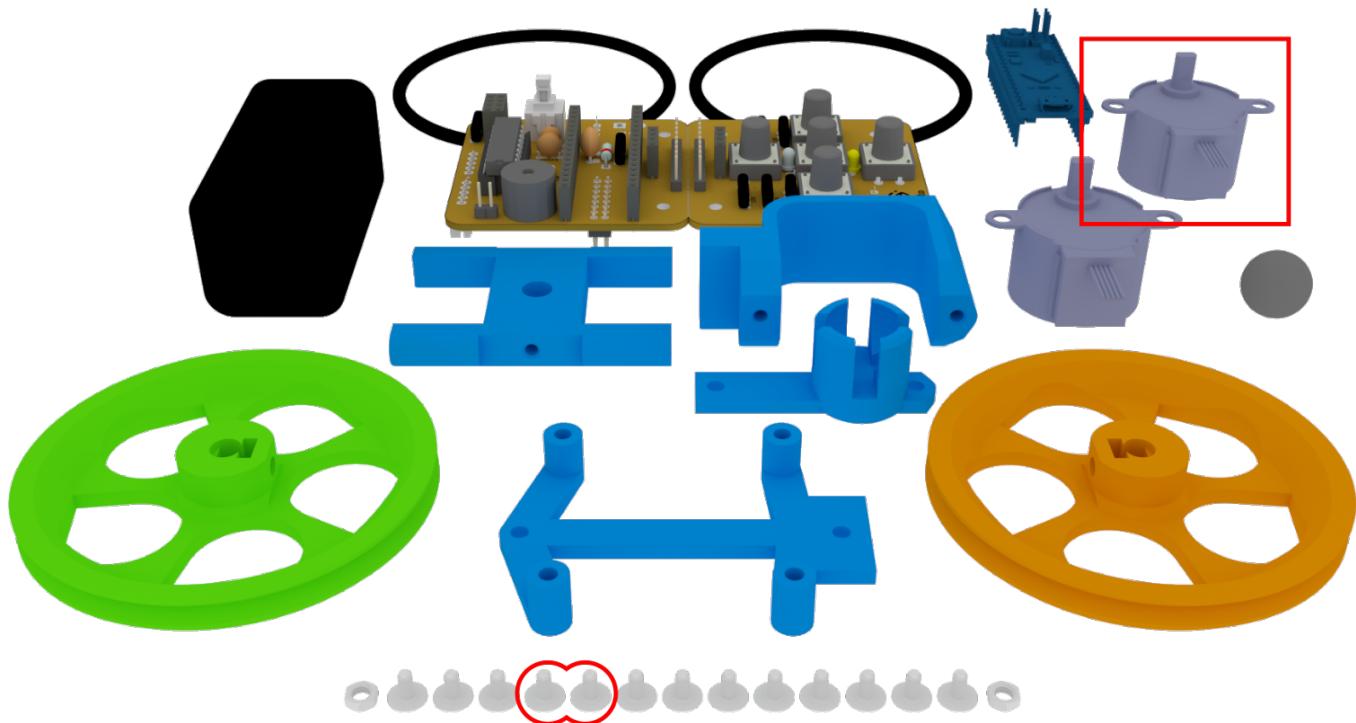


abierto

Segundo motor

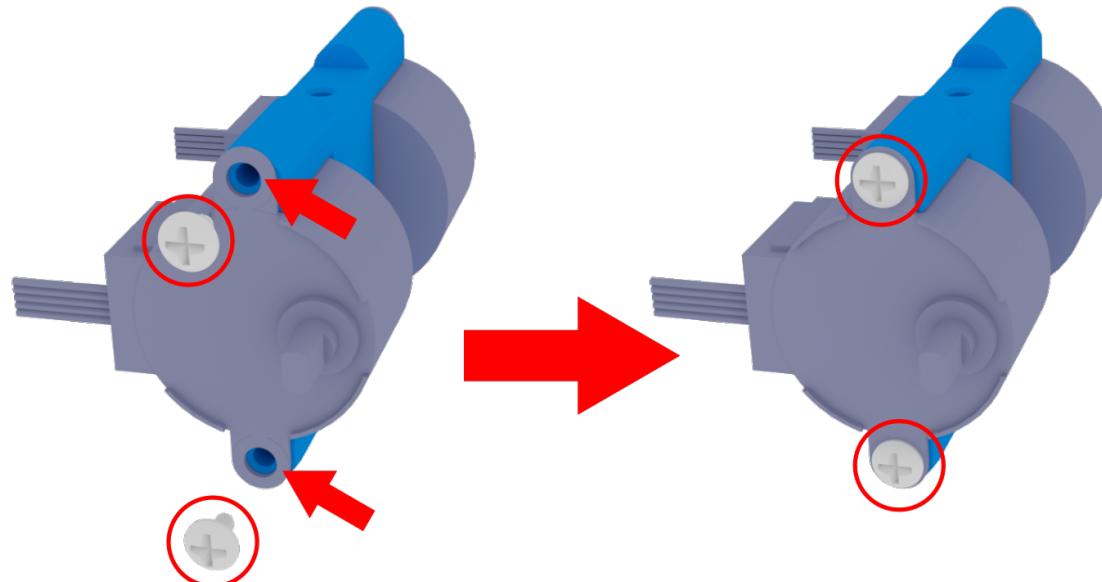


Componentes necesarios





Repetimos la misma operación
con el otro motor



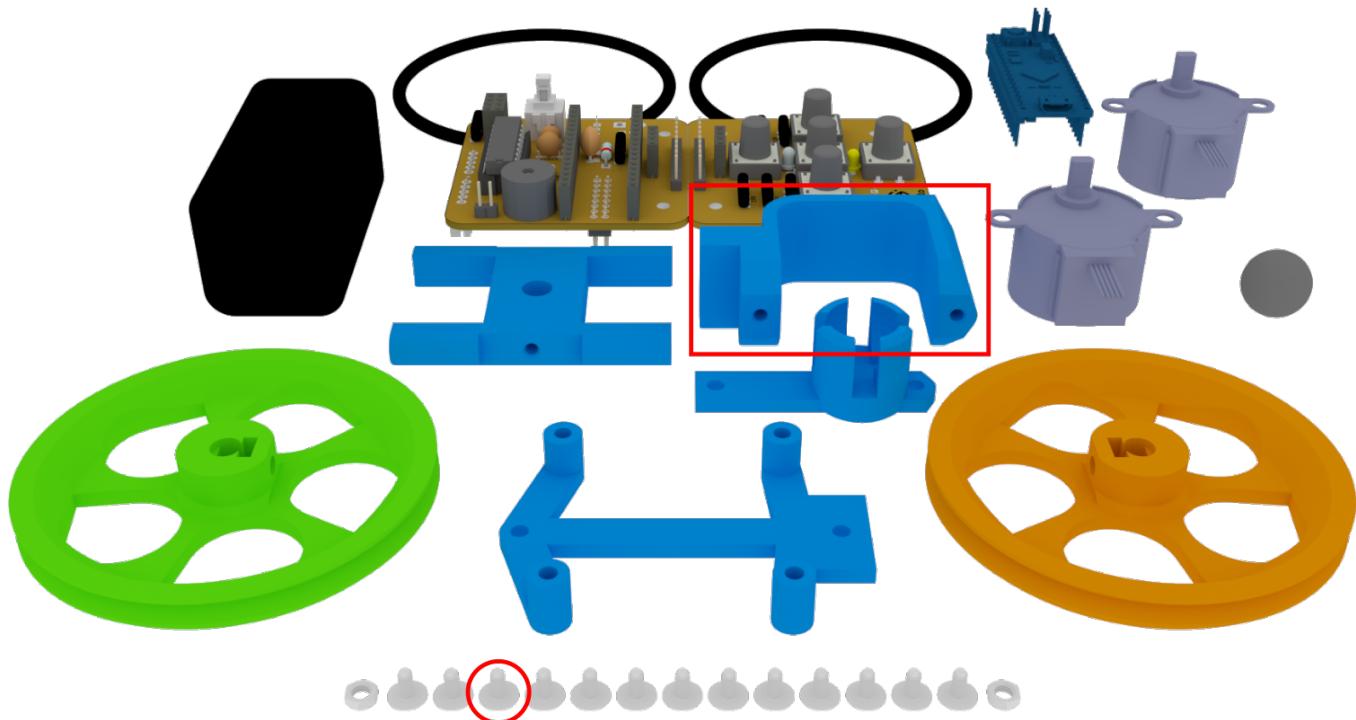


abierto

Soporte para porta-pilas

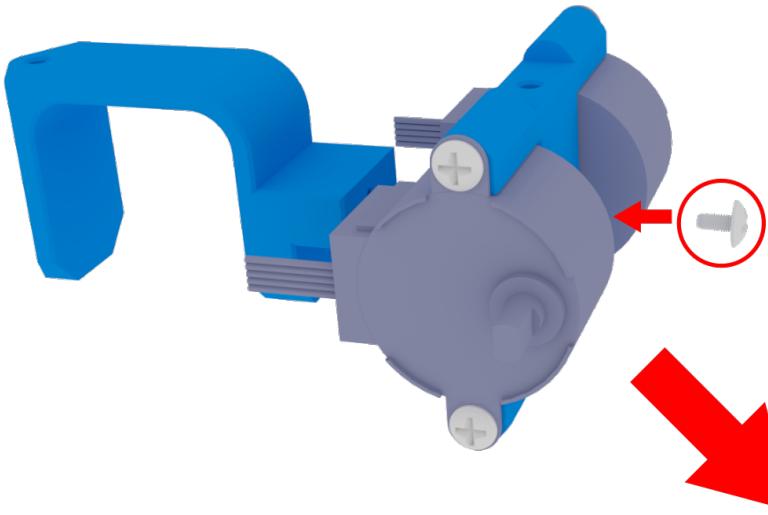


Componentes necesarios

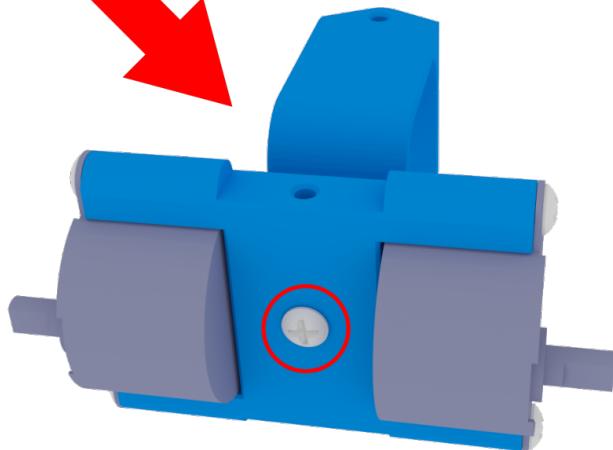




abierto



Fijamos el soporte
para el porta-pilas
con el tornillo



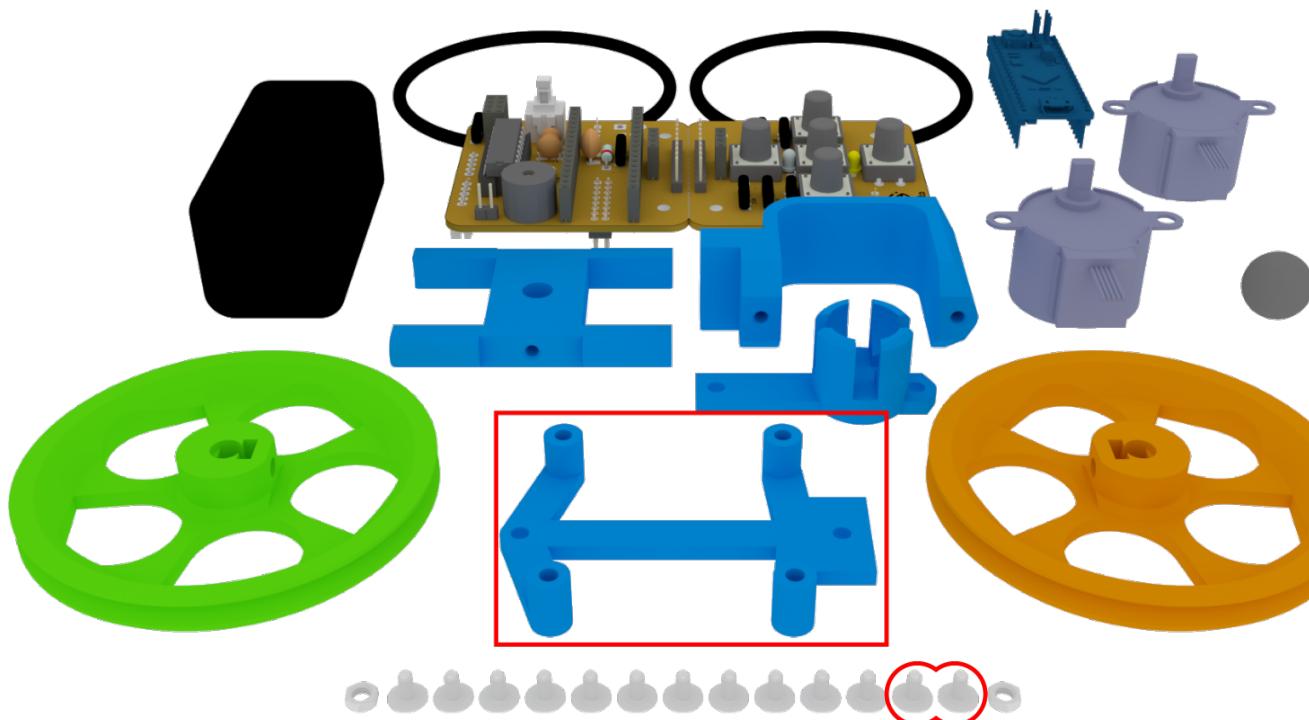


abierto

Soporte para PCB

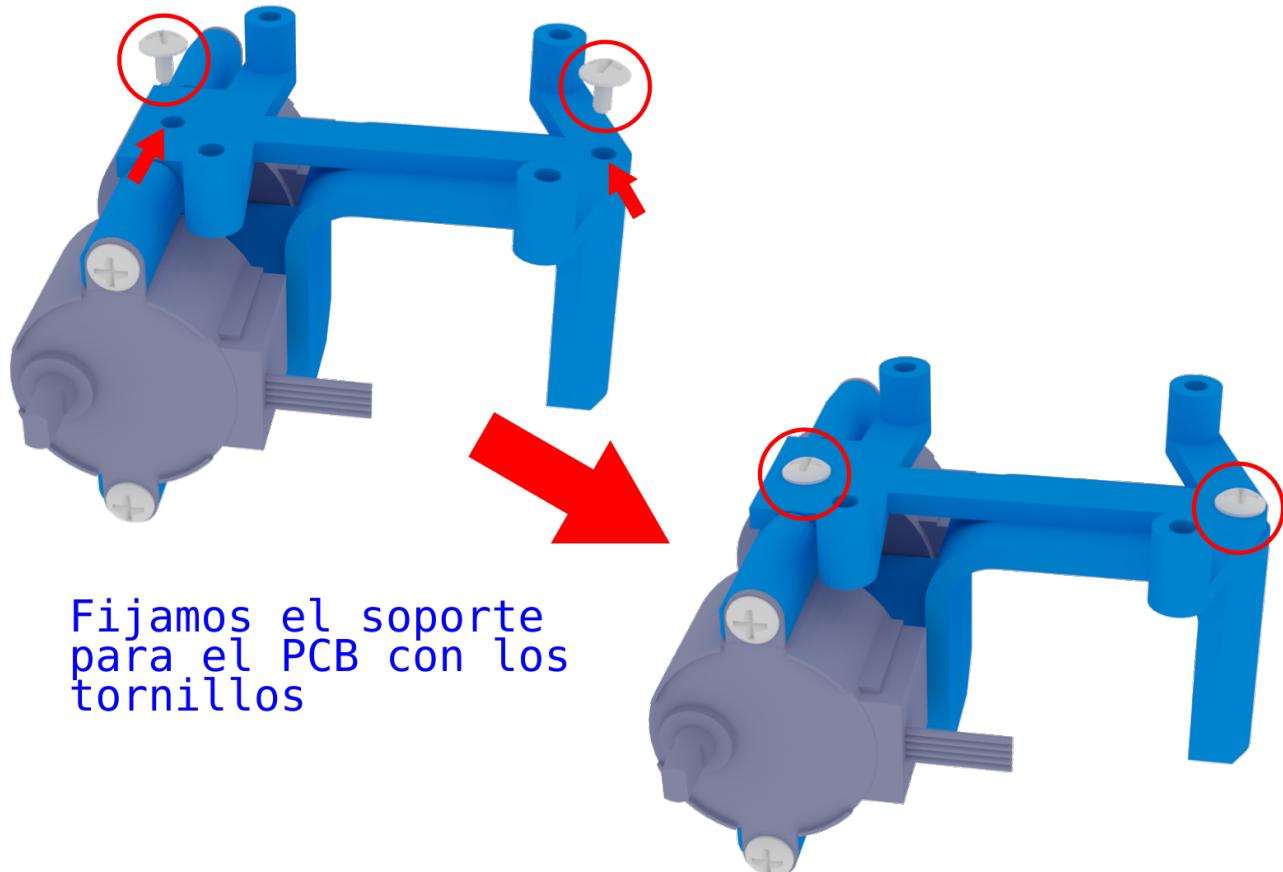


Componentes necesarios





abierto



Fijamos el soporte
para el PCB con los
tornillos

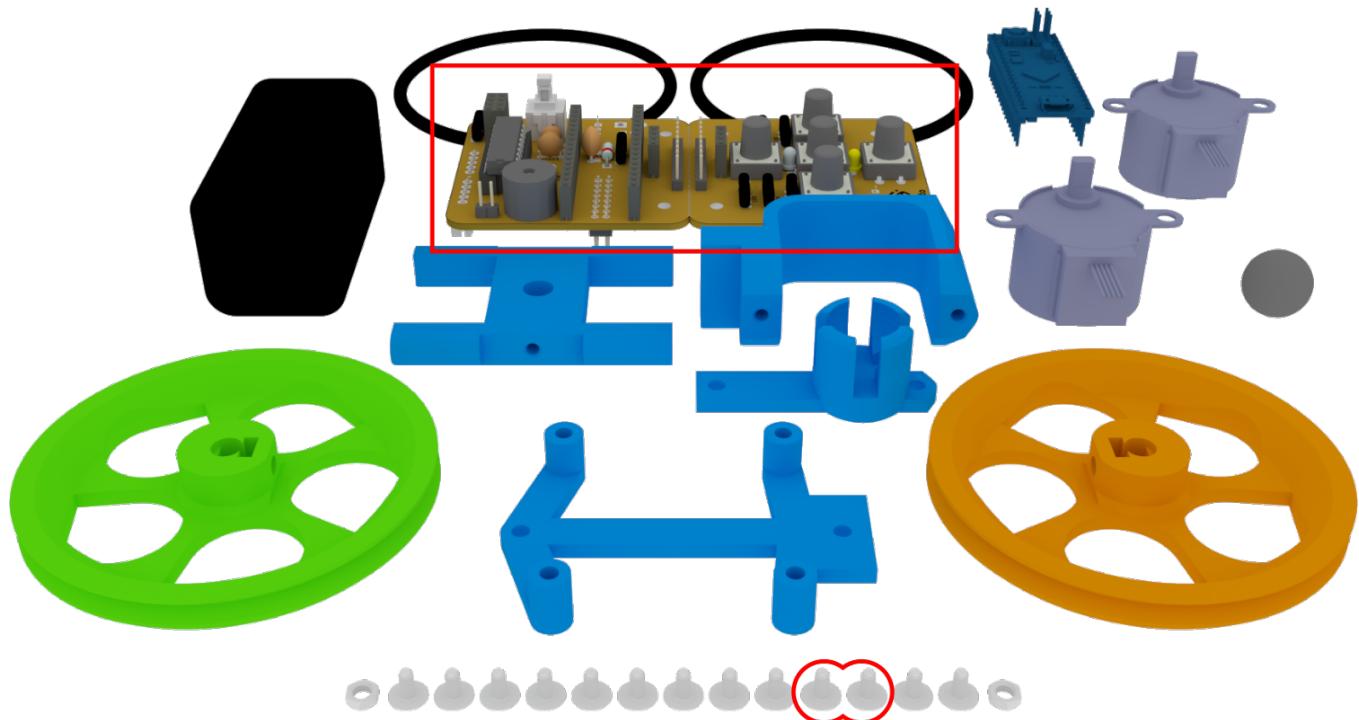


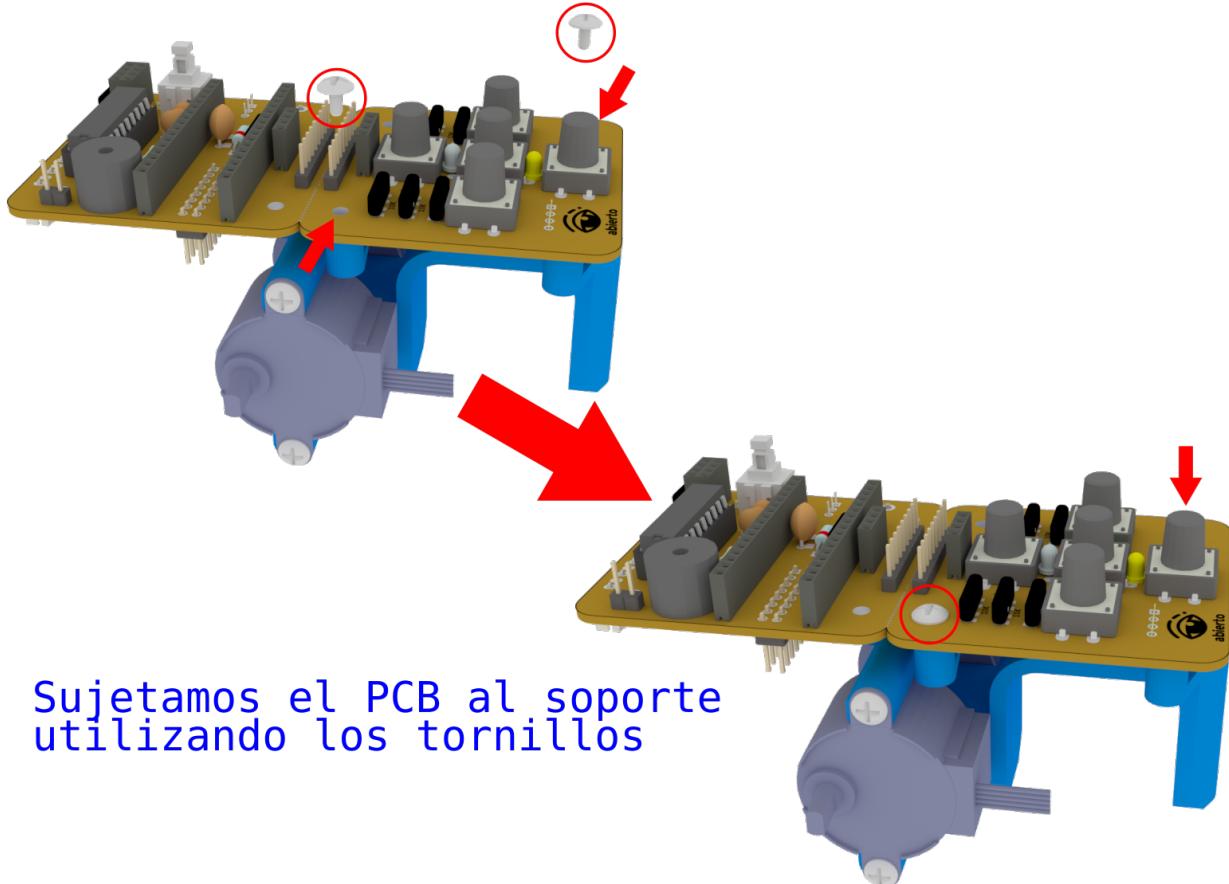
abierto

PCB



Componentes necesarios





Sujetamos el PCB al soporte
utilizando los tornillos

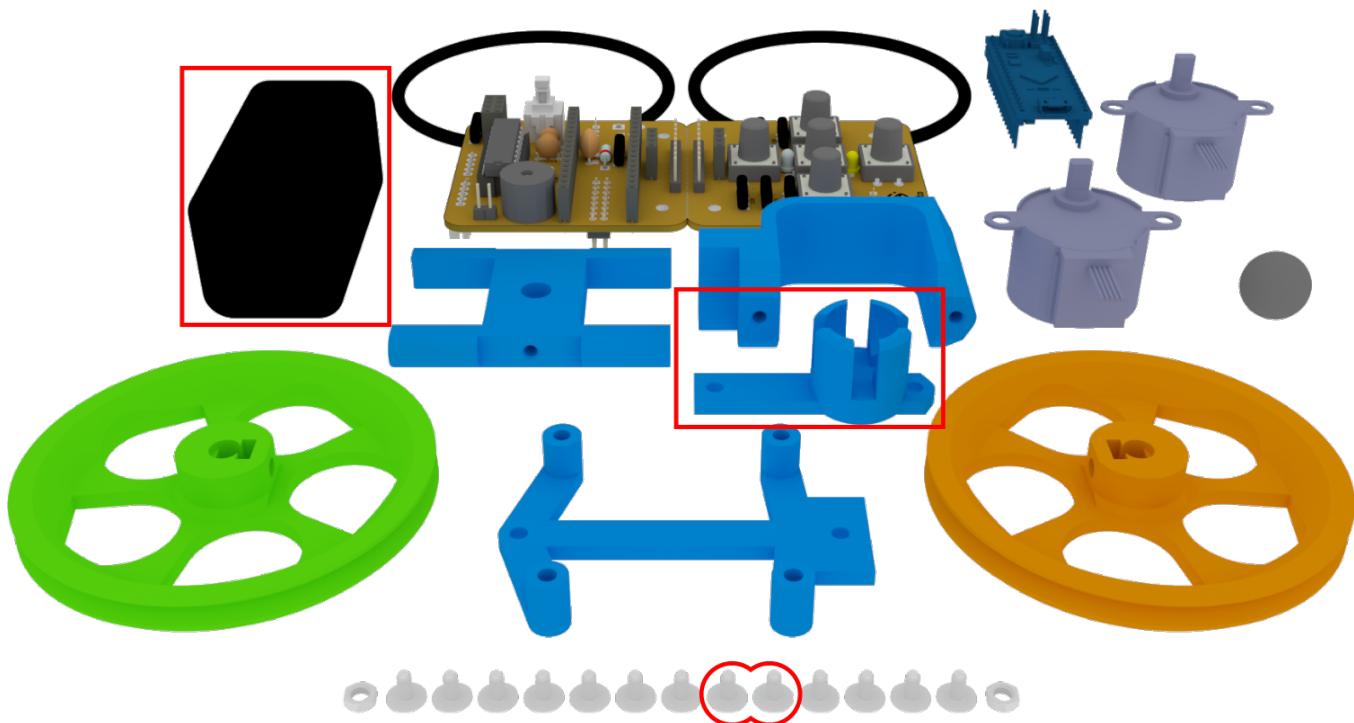


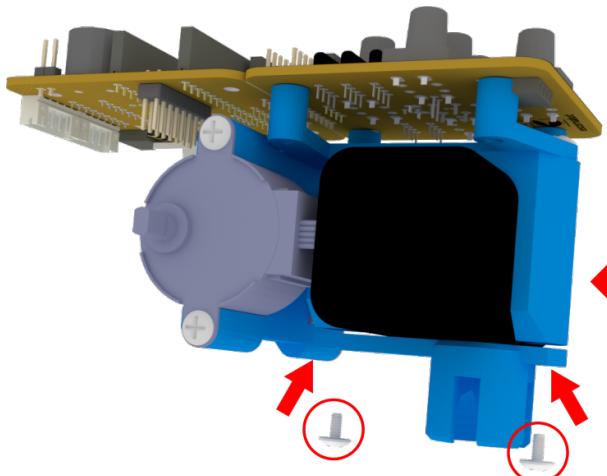
abierto

Batería y soporte para canica

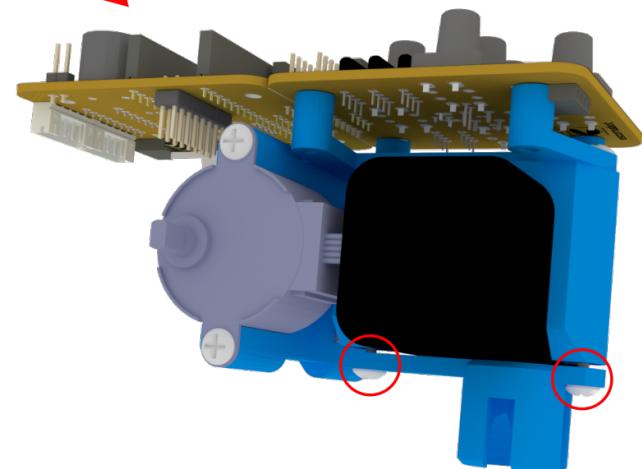


Componentes necesarios





Colocamos en su
posición el porta-pilas
(con las pilas puestas)

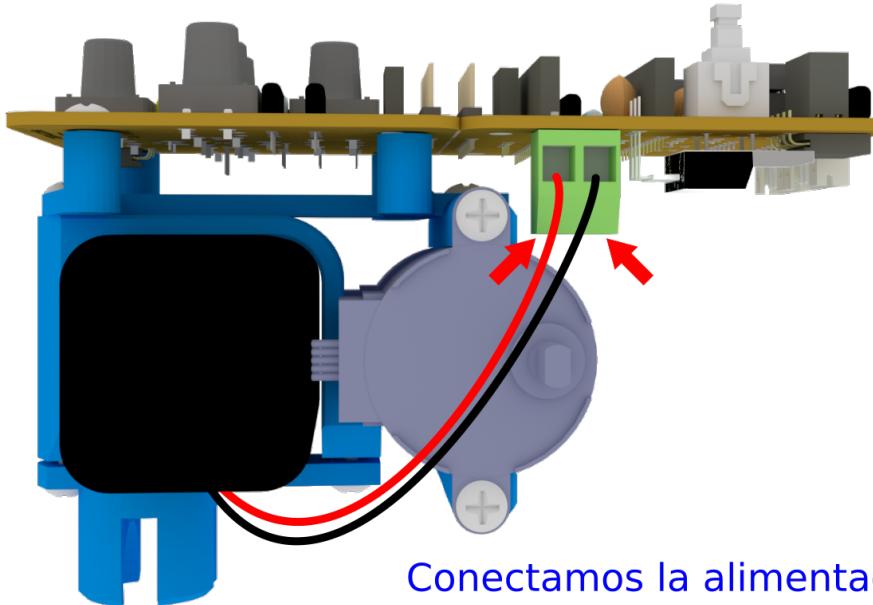


Sujetamos el soporte
para la canica
con los tornillos



abierto

Alimentación



Conectamos la alimentación del robot:

- Cable **rojo** al pad redondo (izquierda)
- Cable **negro** al pad cuadrado (derecha)

Luego, ajustamos los tornillos de la clema para fijar los cables

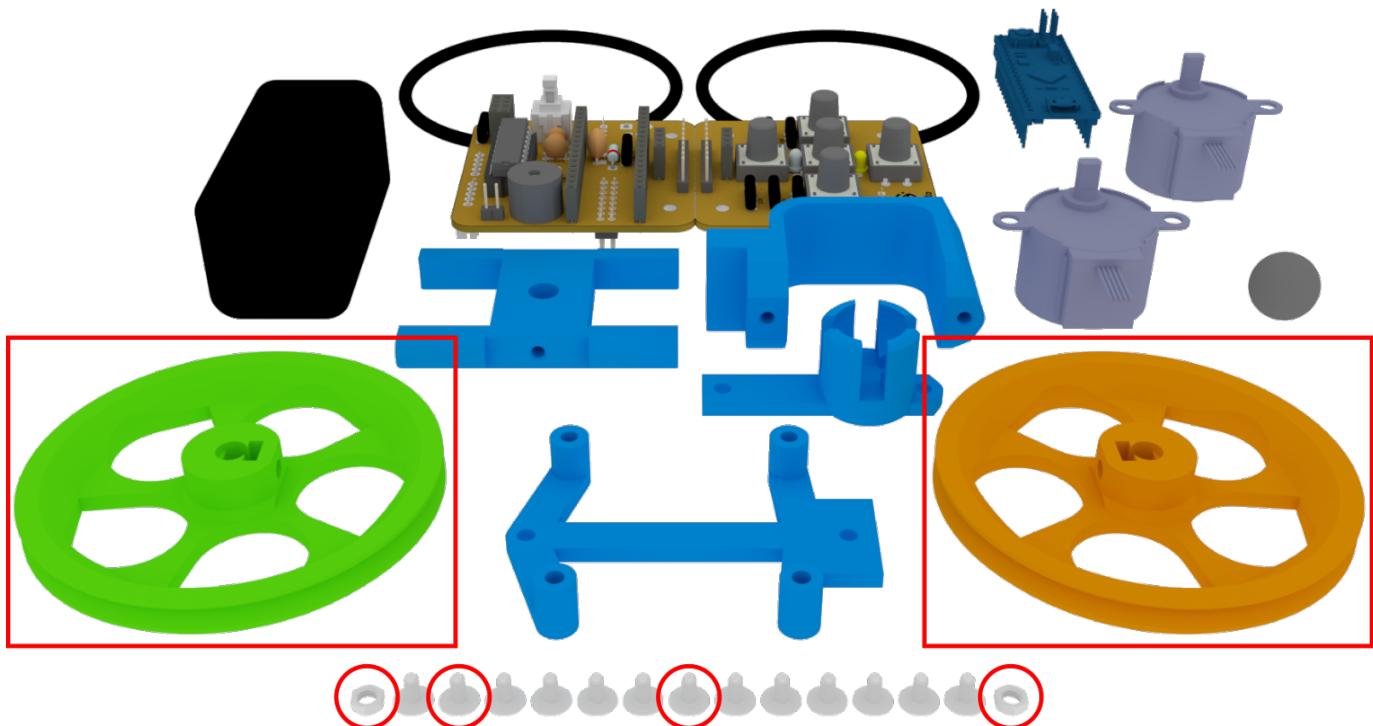


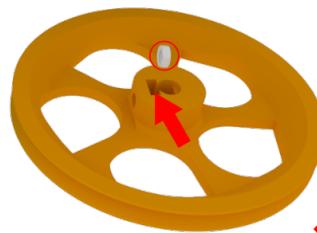
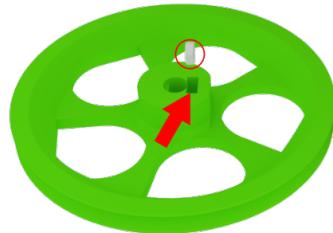
abierto

Ruedas

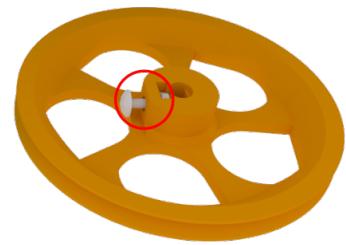
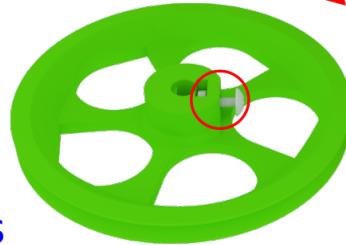


Componentes necesarios

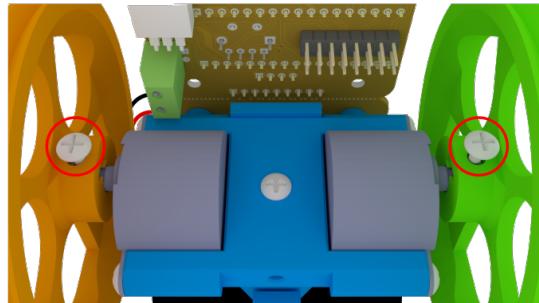




Introducimos las tuercas en el hueco rectangular de las ruedas



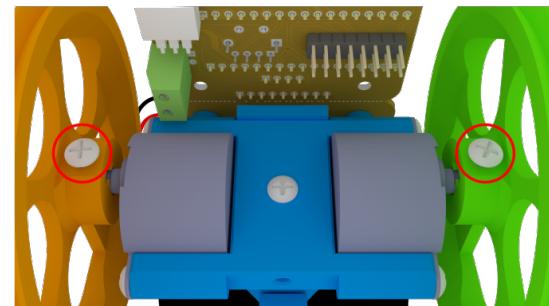
Prefijamos los tornillos en las ruedas. Los tenemos que enroscar lo justo para que se sujeten



Colocamos las ruedas en el eje de los motores



Apretamos los tornillos para fijar las ruedas



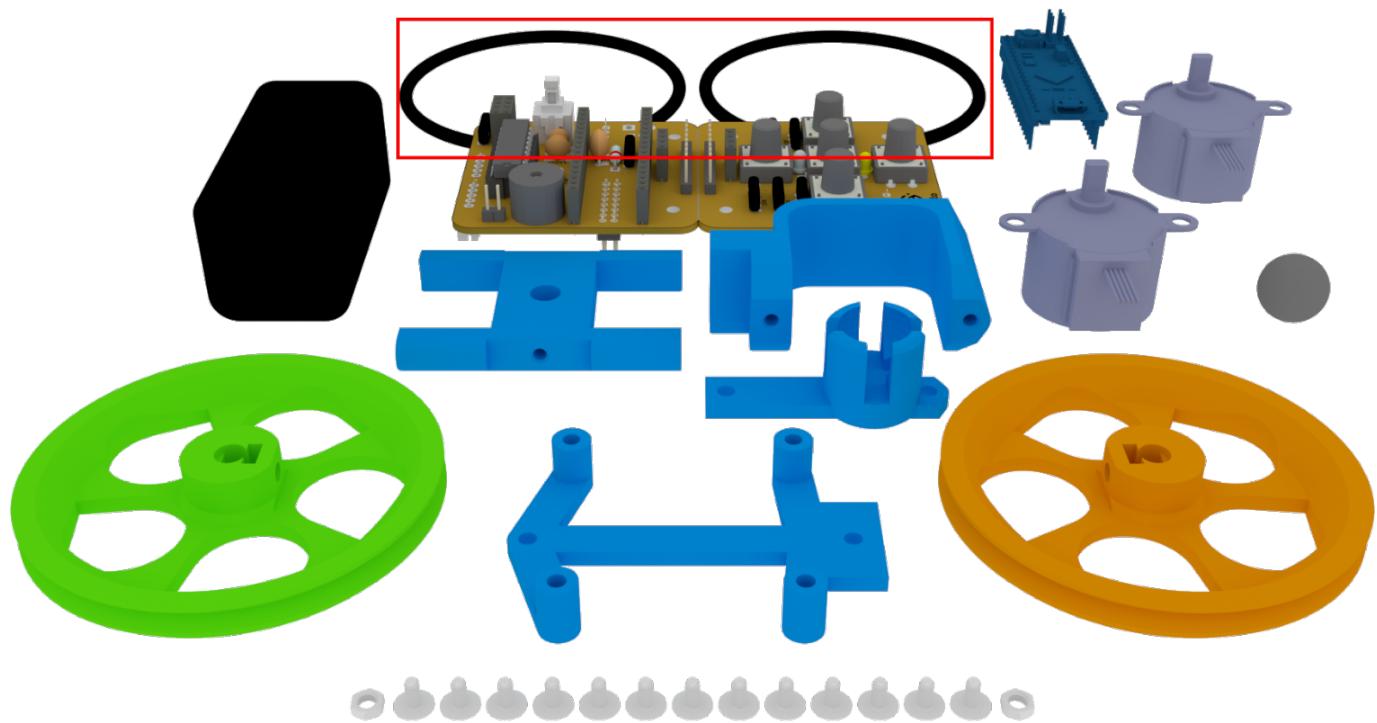


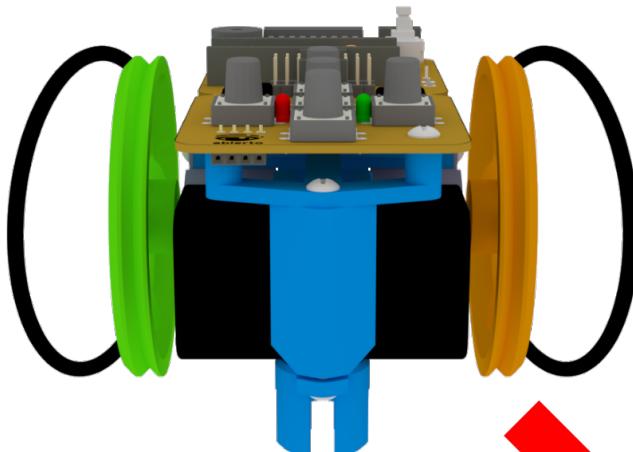
abierto

Gomas

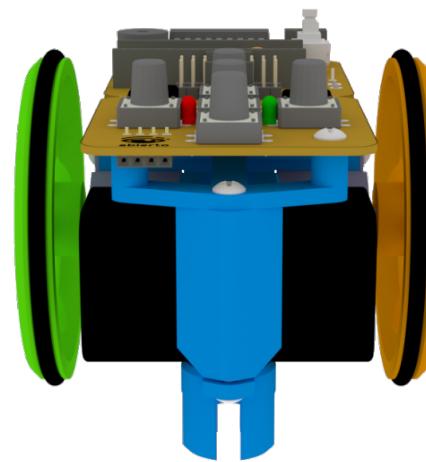


Componentes necesarios





Colocamos las gomas
en las ruedas



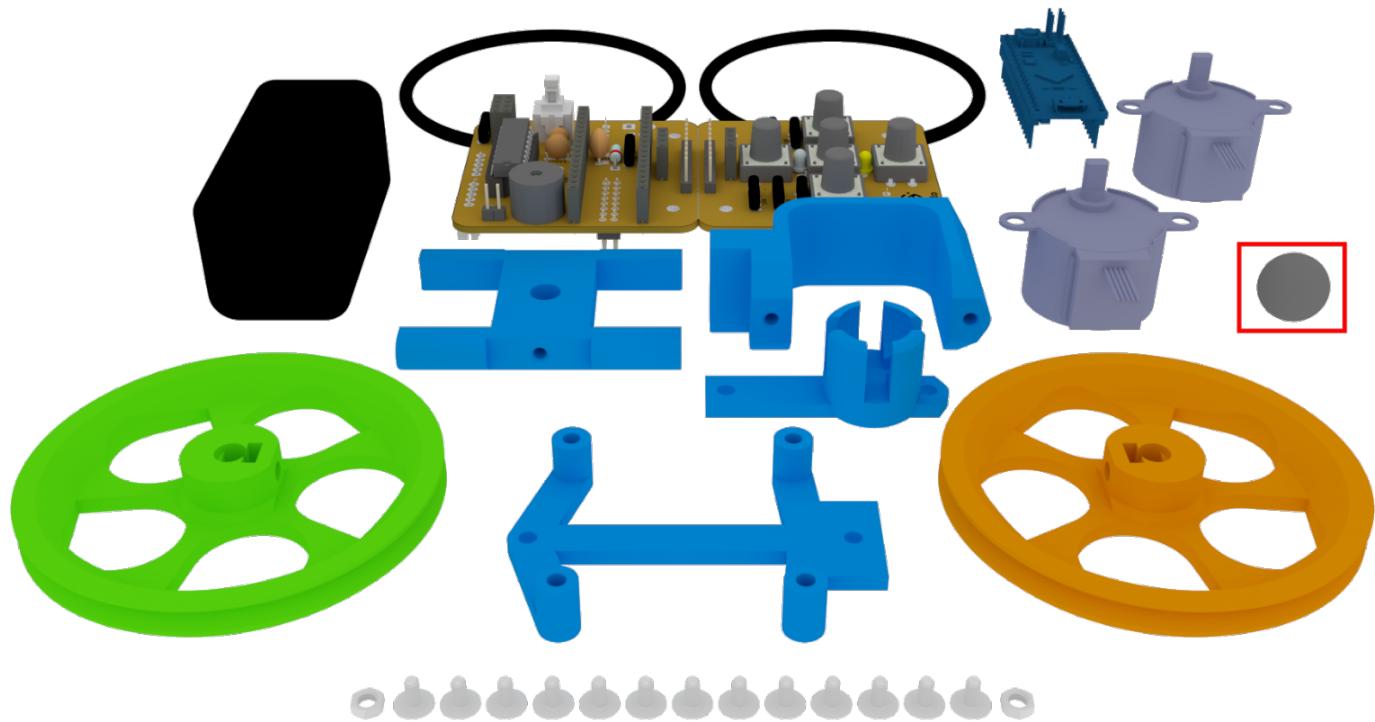


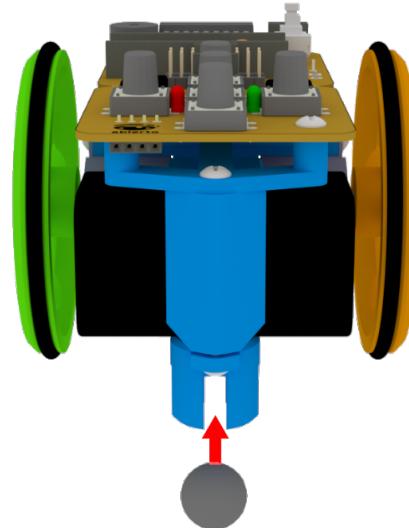
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Canica

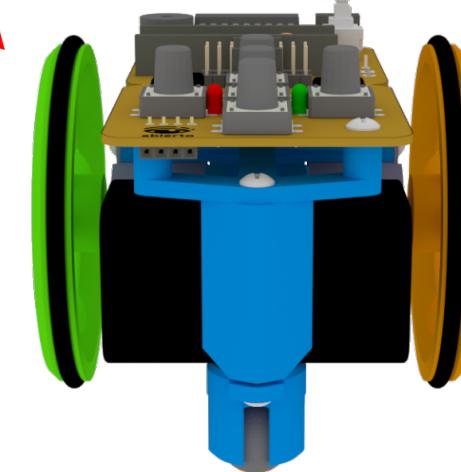
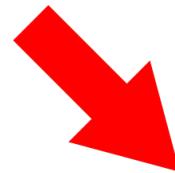


Componentes necesarios





Colocamos la canica dentro
del soporte



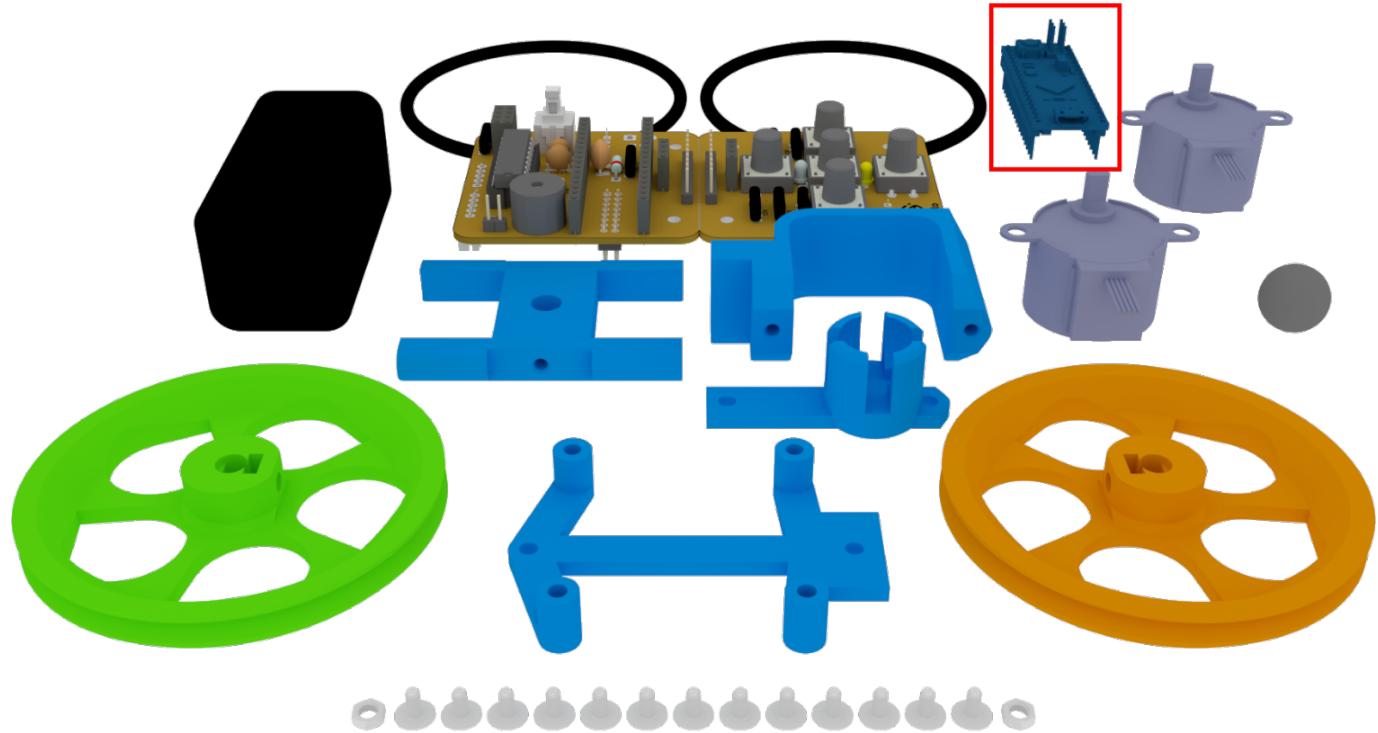


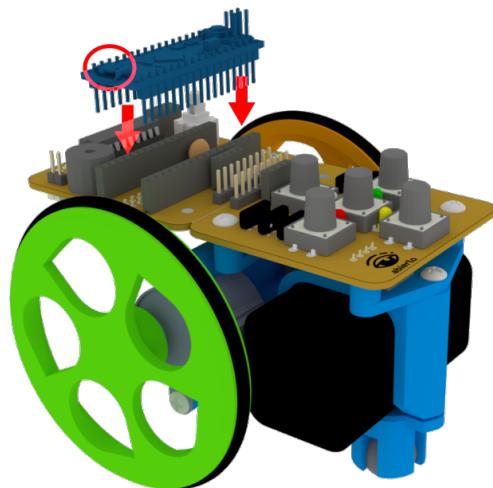
abierto

Arduino Micro
o
Arduino Nano



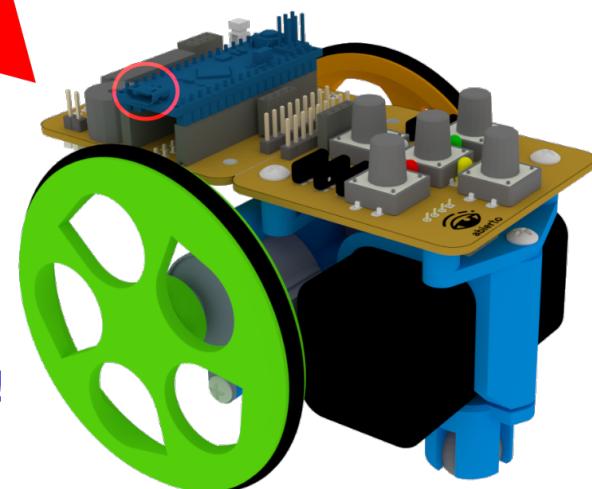
Componentes necesarios





Colocamos la placa
Arduino Micro o Arduino Nano

Y ya tenemos nuestro
Escornabot OGAKI listo!!



Vídeo del montaje en:
<https://www.youtube.com/watch?v=MUtI2IQt4d8>