

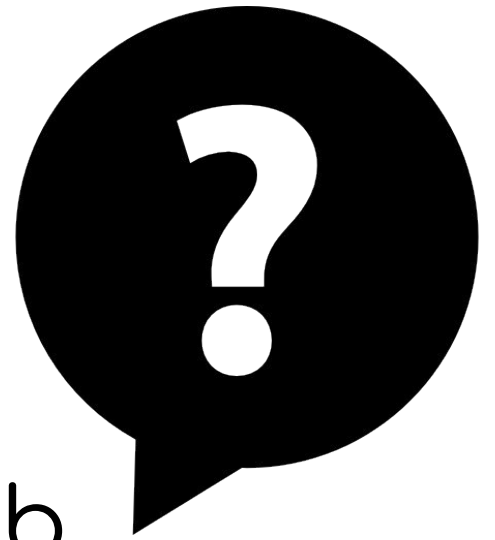
Escornabot

Como construirlo paso a paso

Pablo Nuñez Gonzalez



Que es un Fab Lab



FAB LAB NETWORK



[Fablabs.io](https://fablabs.io)

FAB LAB INVENTORY



[Inventario](#)

FAB LAB CHARTER

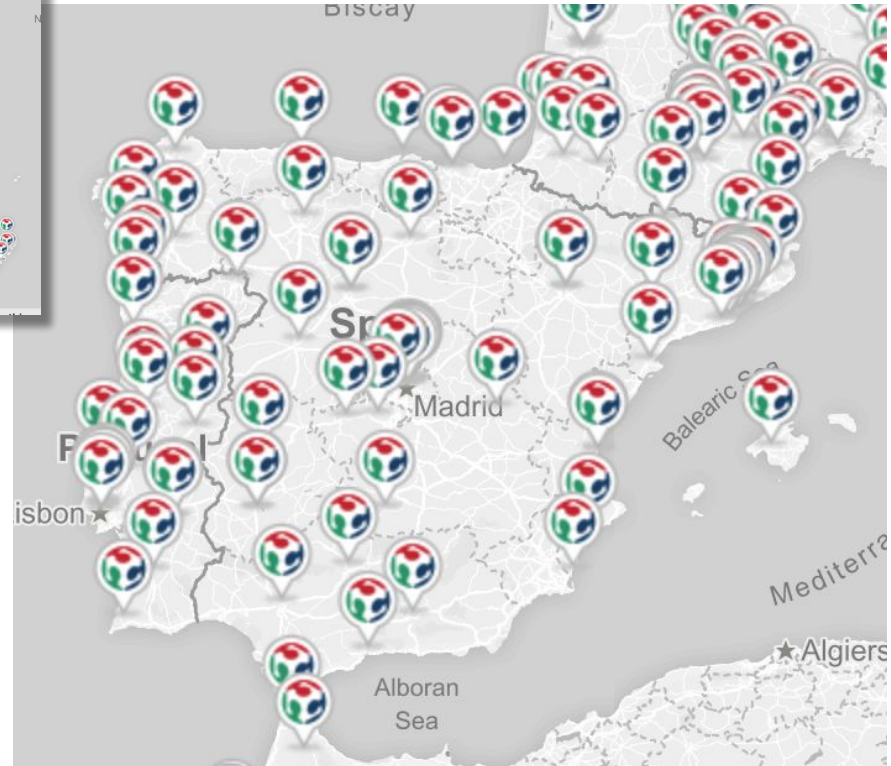


[Fab Lab Charter](#)

NETWORK



>2500



España 64

large format machining

laser cutter

molding and casting

vinyl cutter

composites

design

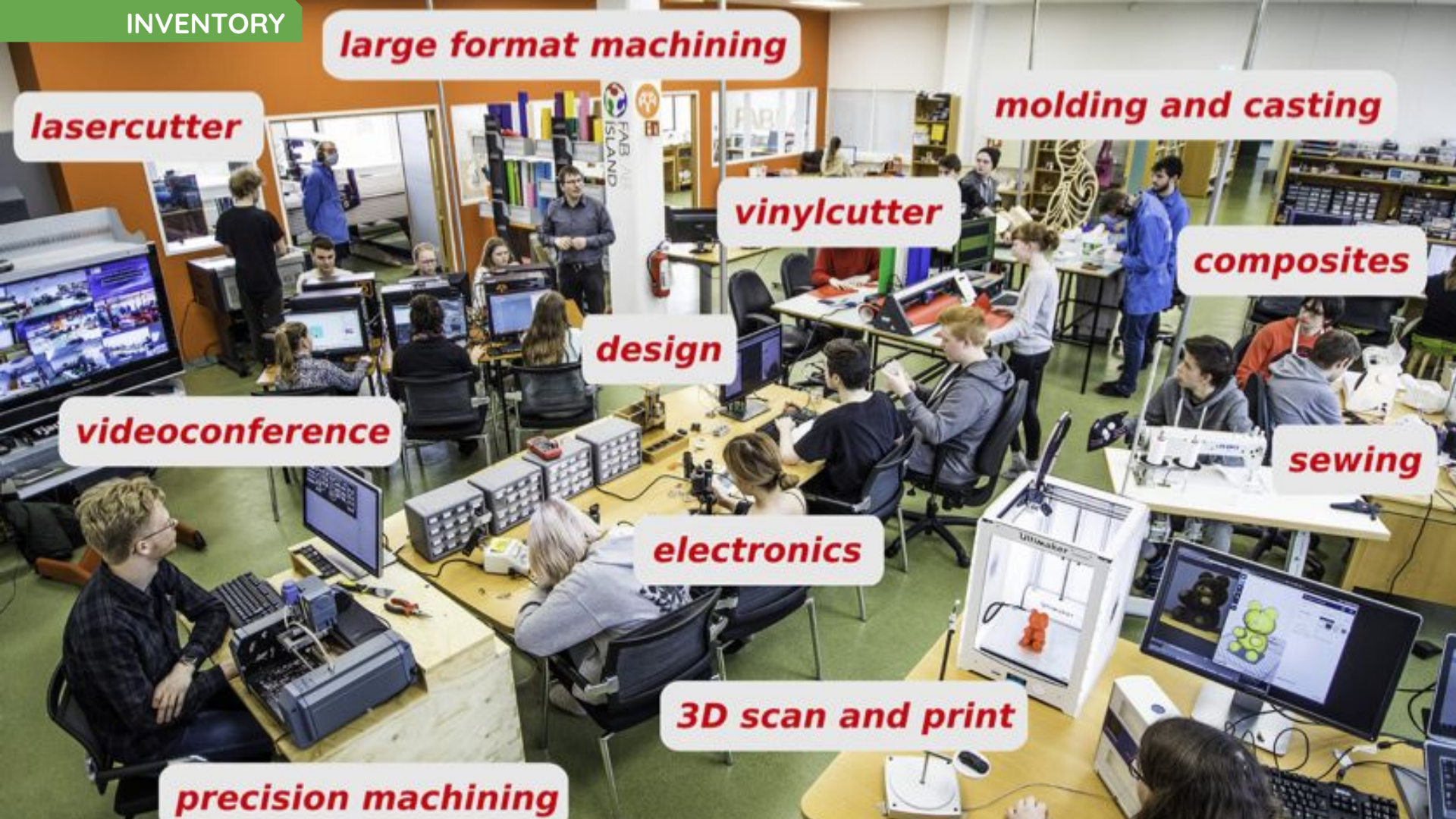
videoconference

sewing

electronics

3D scan and print

precision machining



SEGURIDAD



LIMPIEZA



DOCUMENTACIÓN





HELLO

COSTE DEL CURSO

FORMADOR

10.0%

ESPACIO FAB LAB

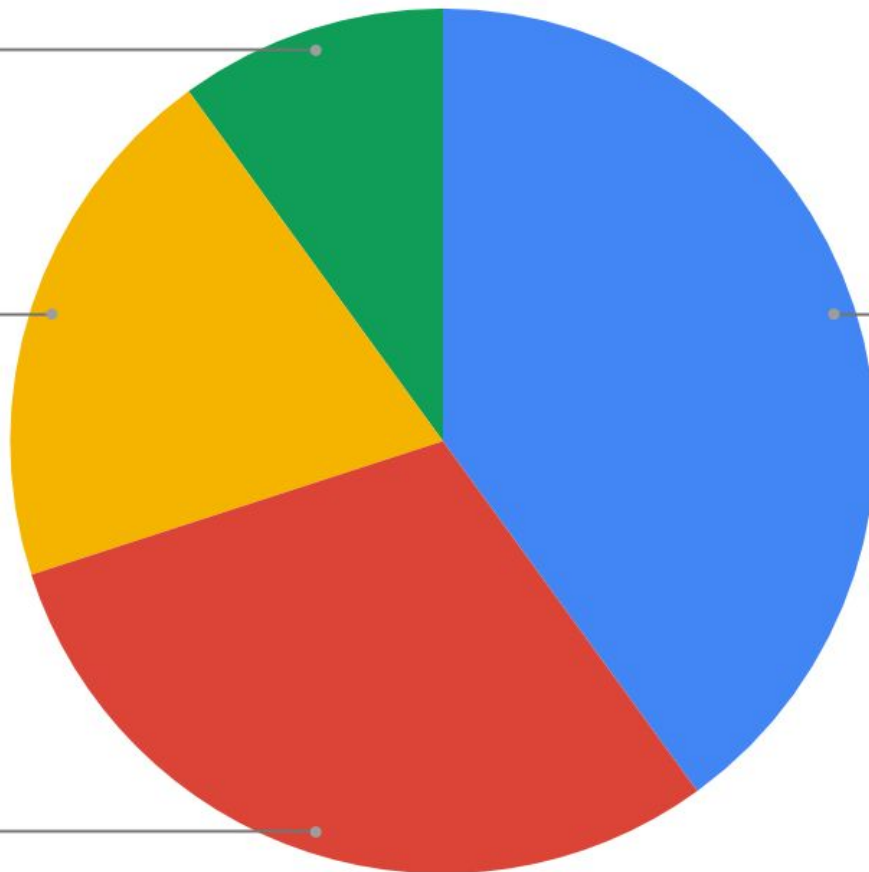
20.0%

ELECTRÓNICA

30.0%

PIEZAS IMPRESAS 3D

40.0%

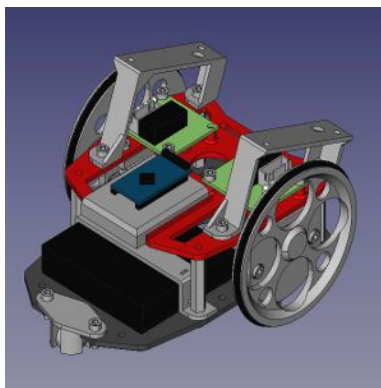






BricoLabs

Tucho
(@procastino)
Caligari
Xoan
(XDeSIG)





PABLO RUBIO

Escornafan



@pablorubma

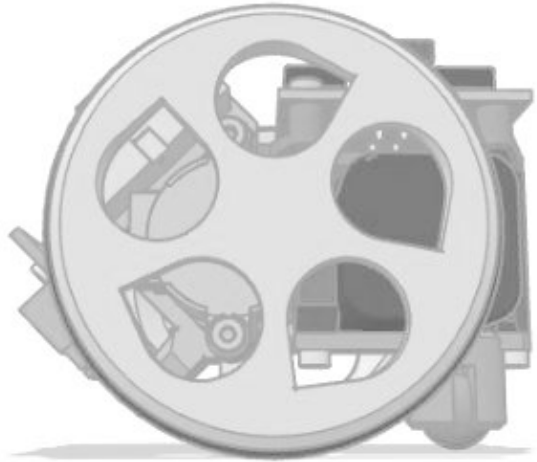


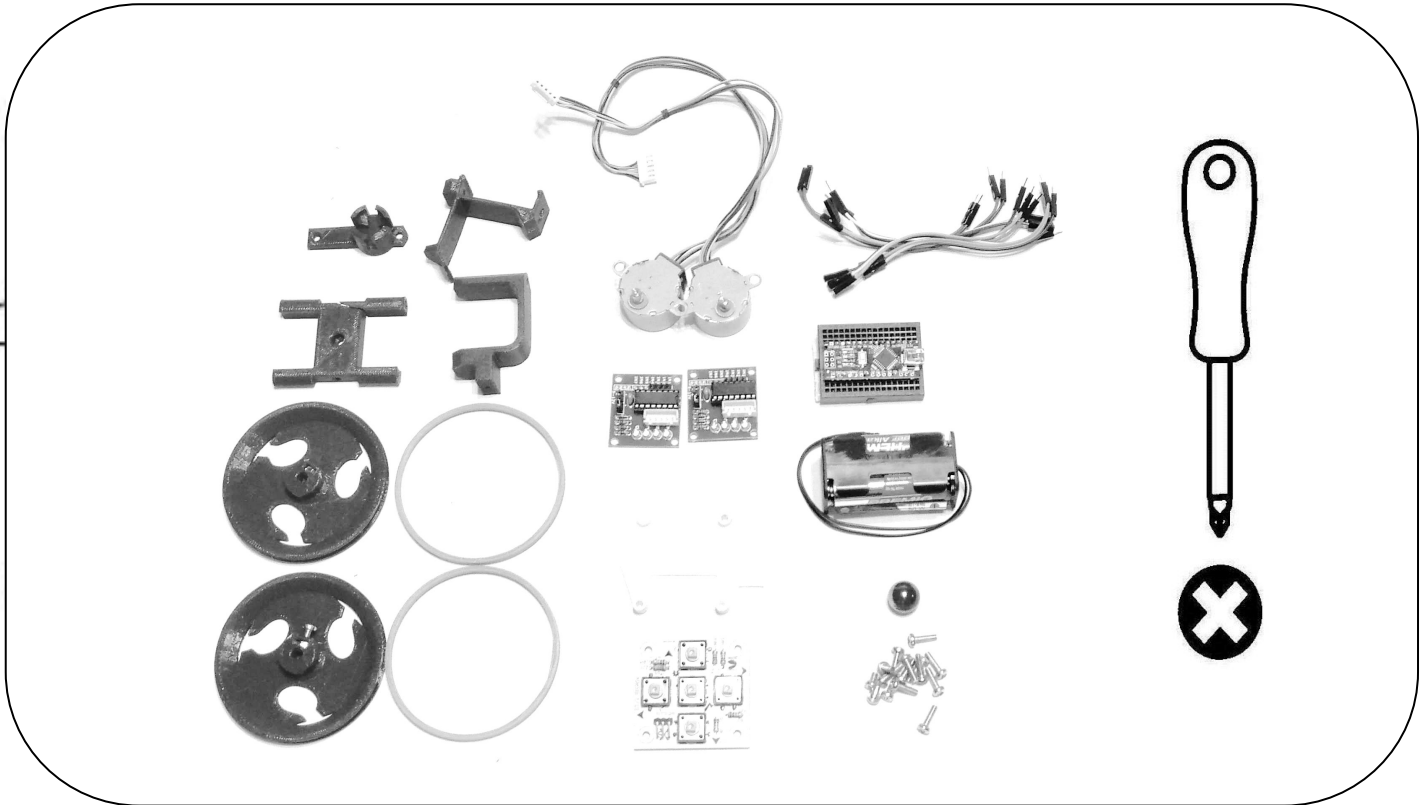
HEY YOU YES YOU

YOU CAN DO IT



ESCÖRNA

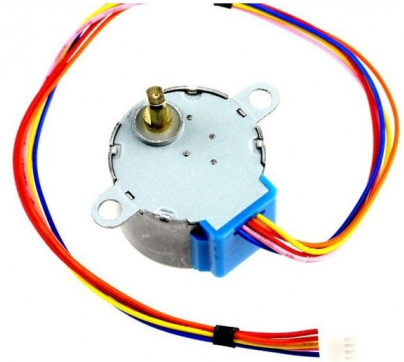
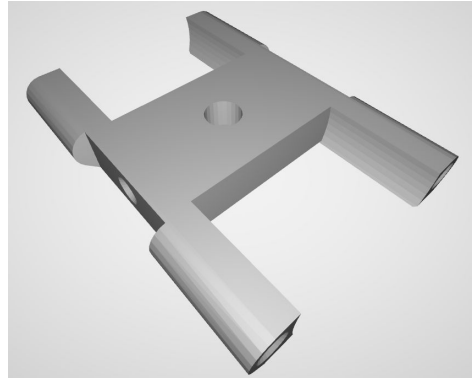




PROGRESO



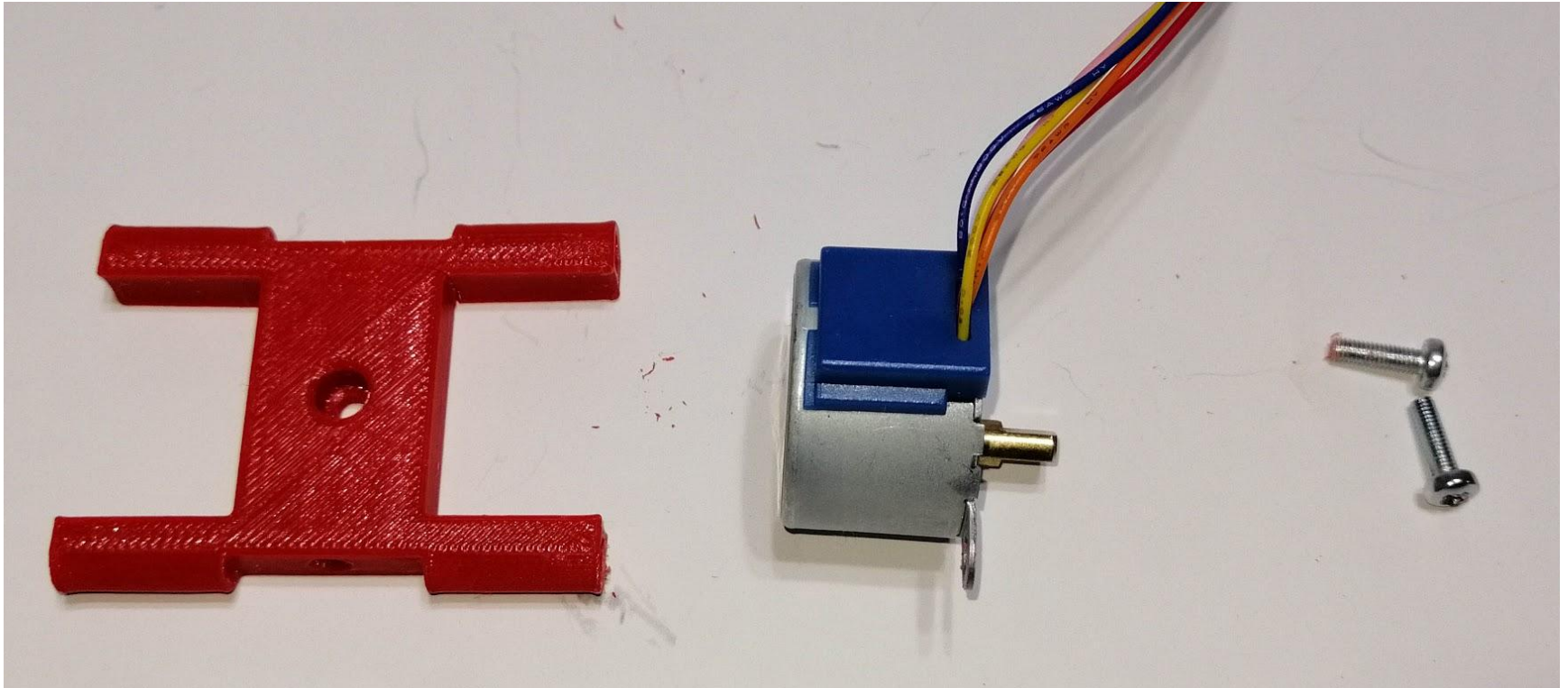
PASO 1



PROGRESO



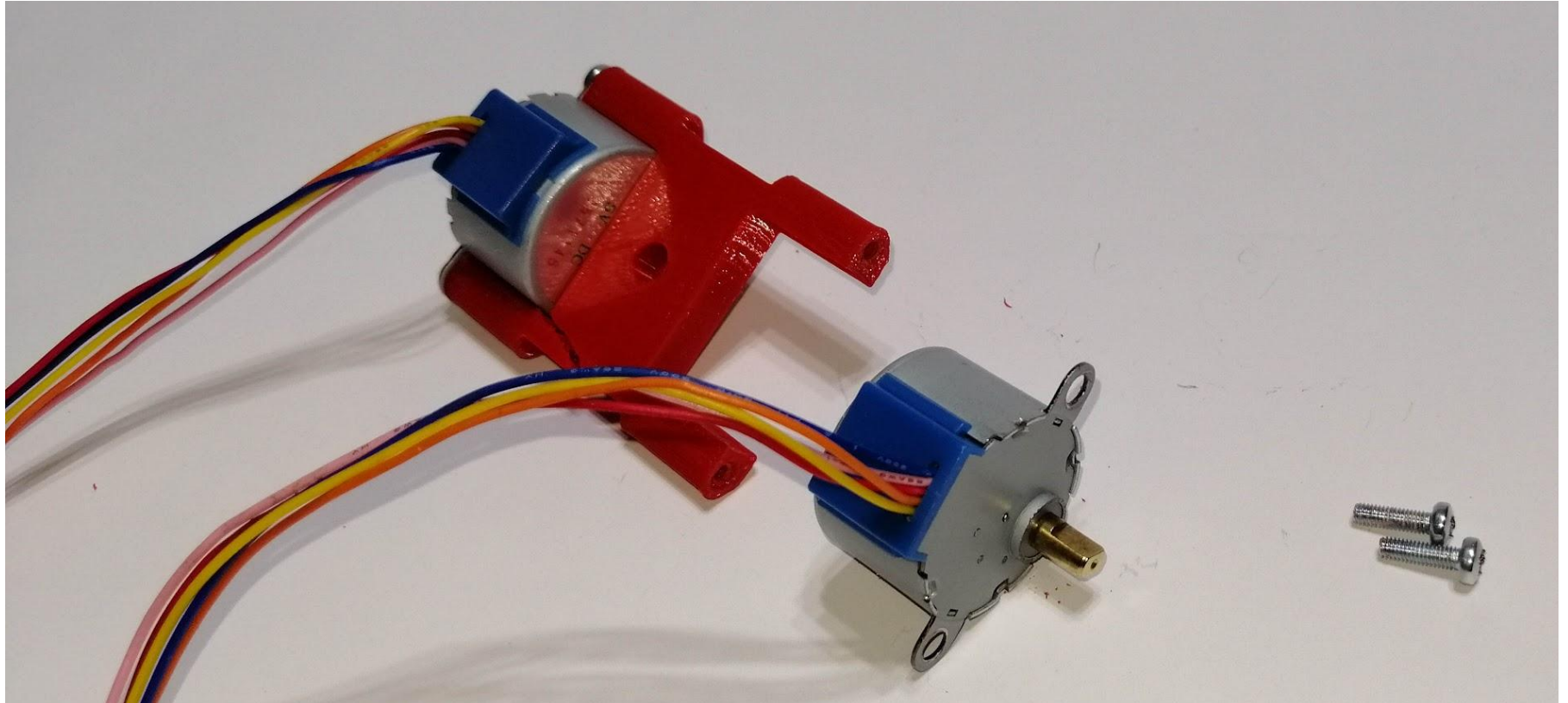
PASO 1



PROGRESO



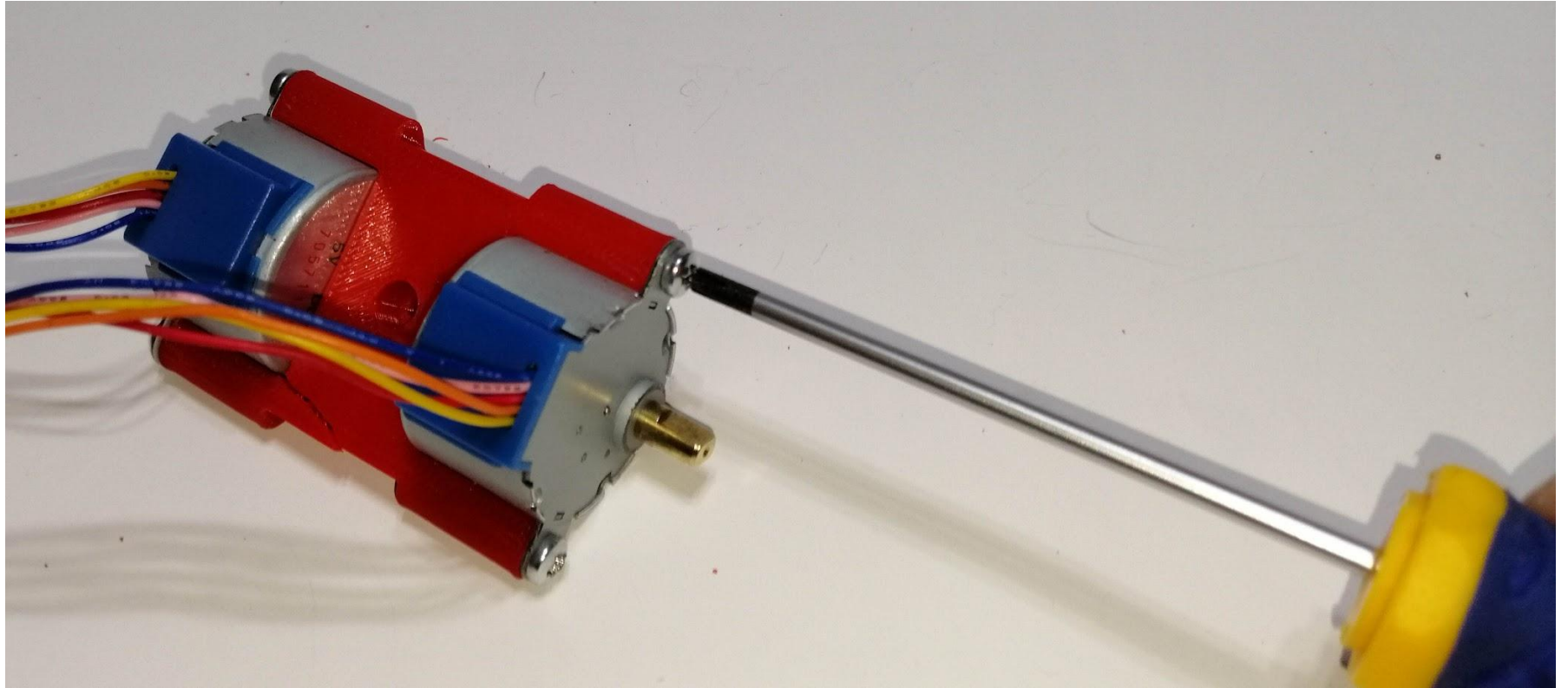
PASO 1



PROGRESO



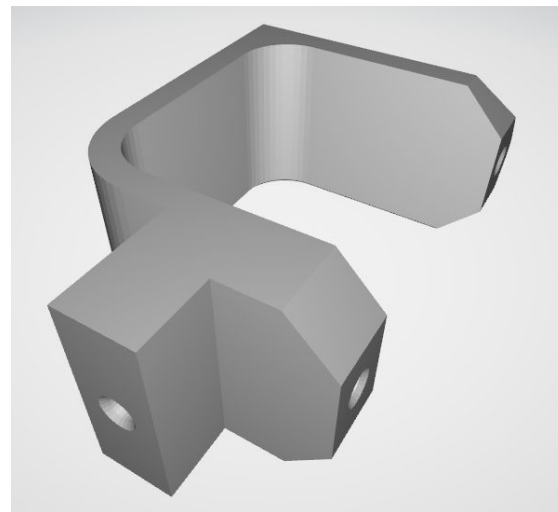
PASO 1



PROGRESO



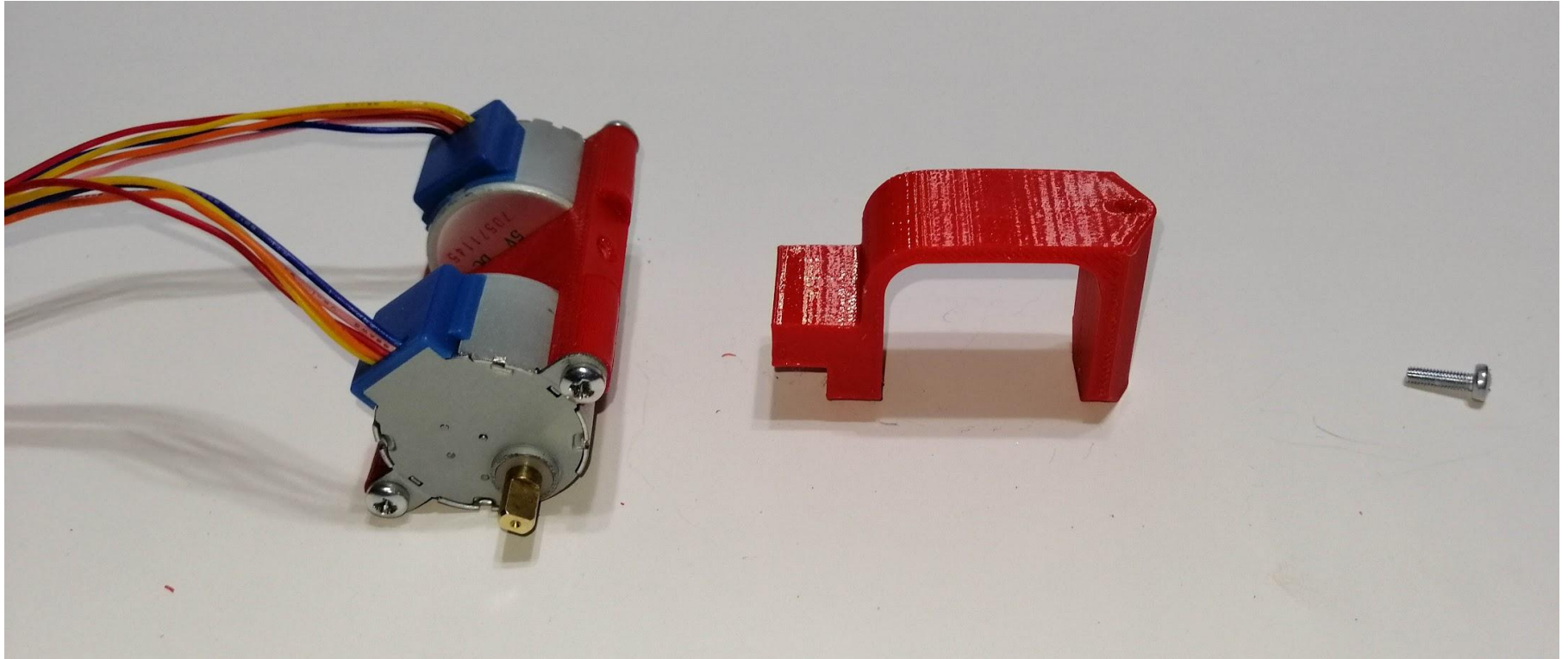
PASO 2



PROGRESO



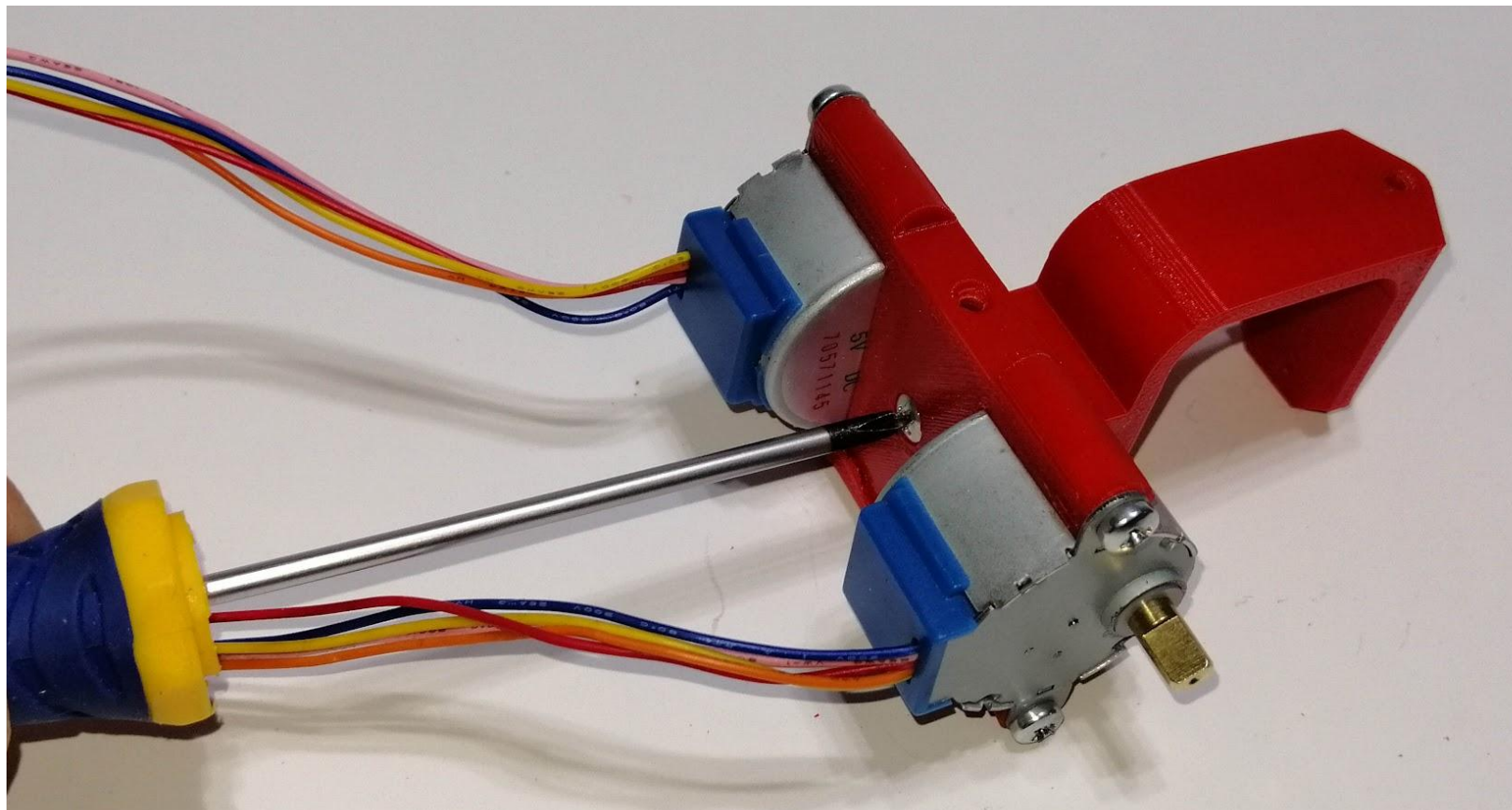
PASO 2



PROGRESO

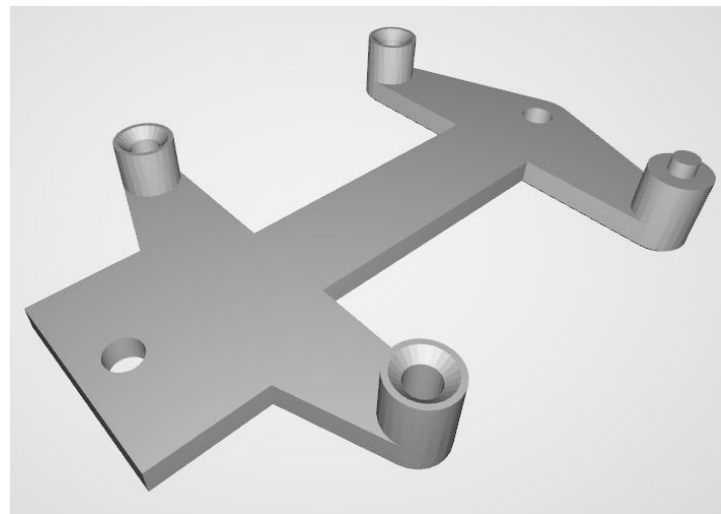


PASO 2



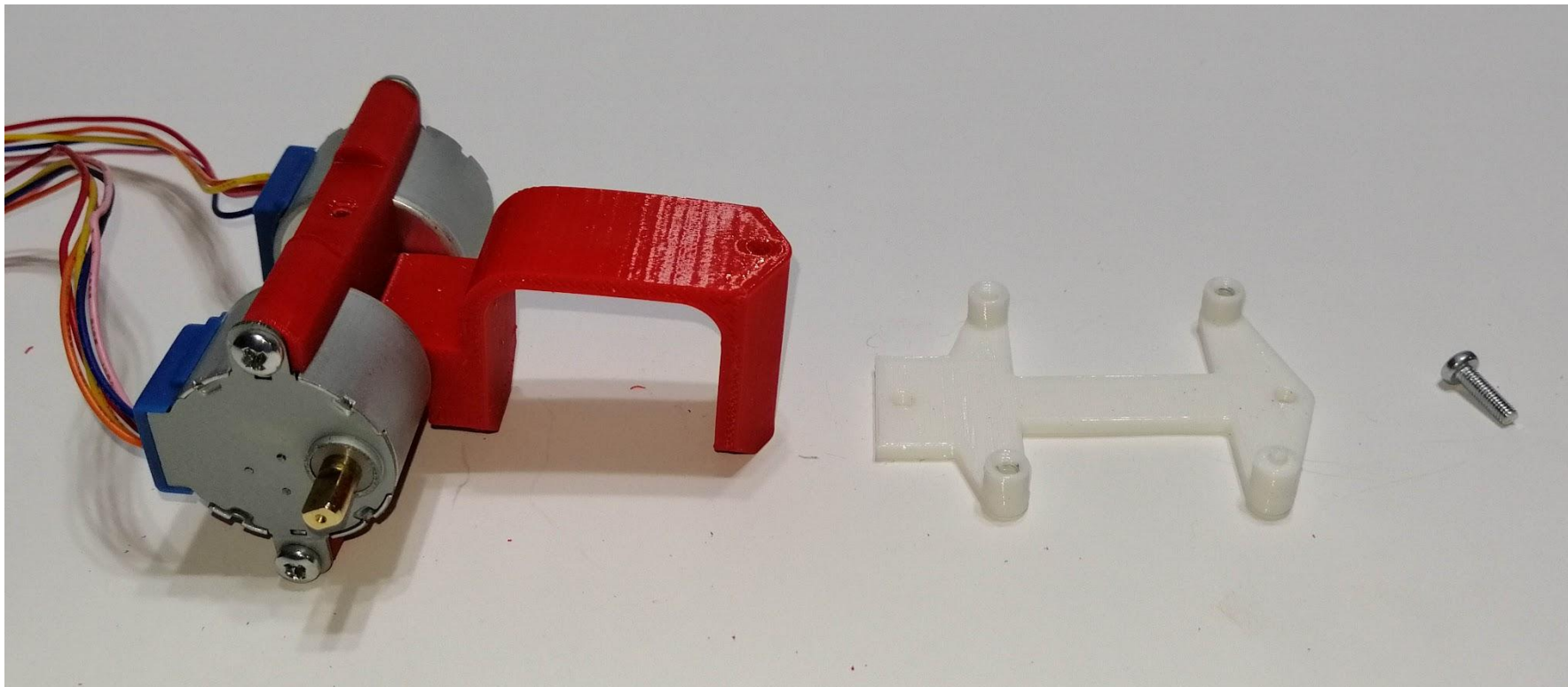


PASO 3



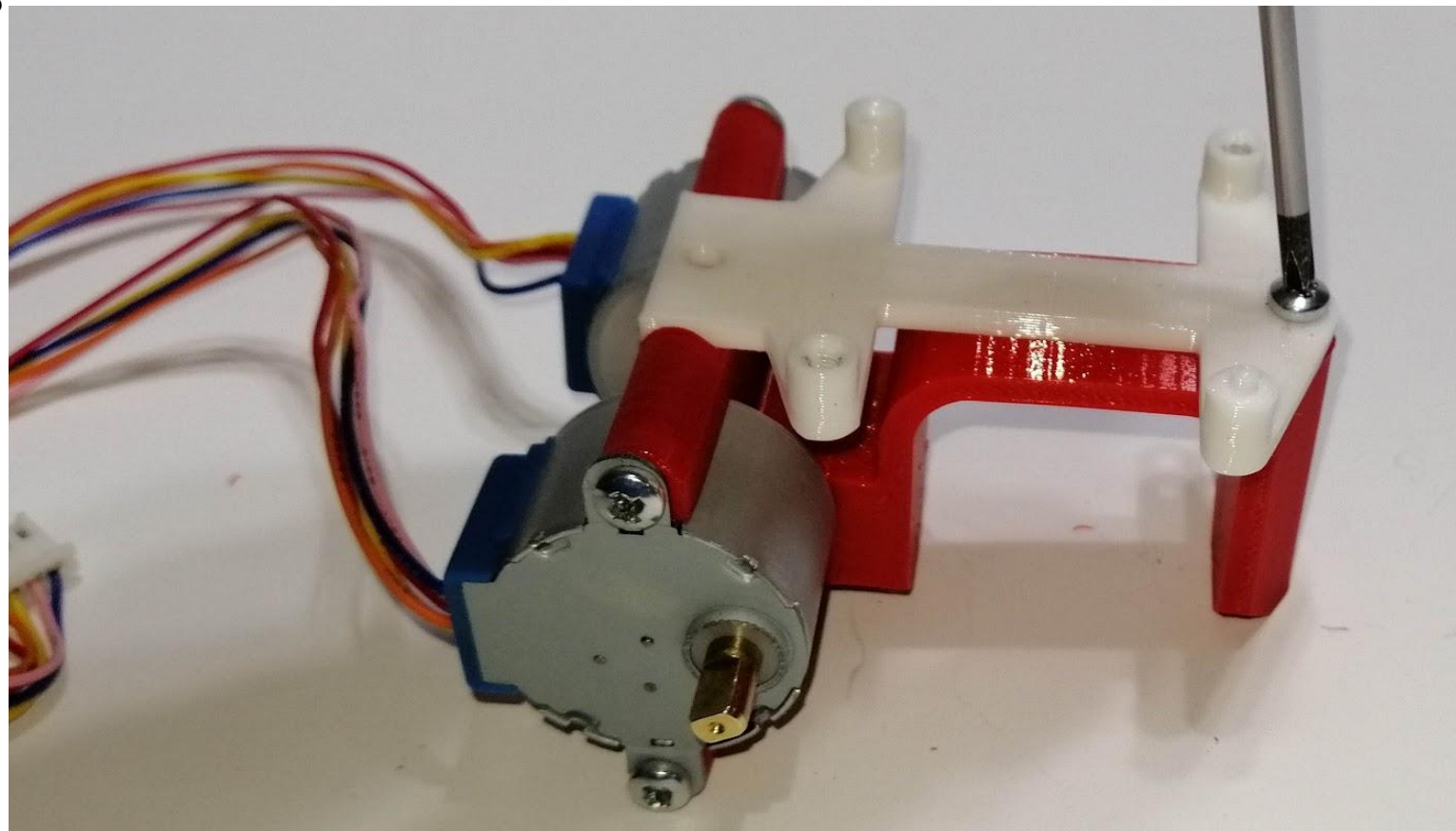


PASO 3





PASO 3



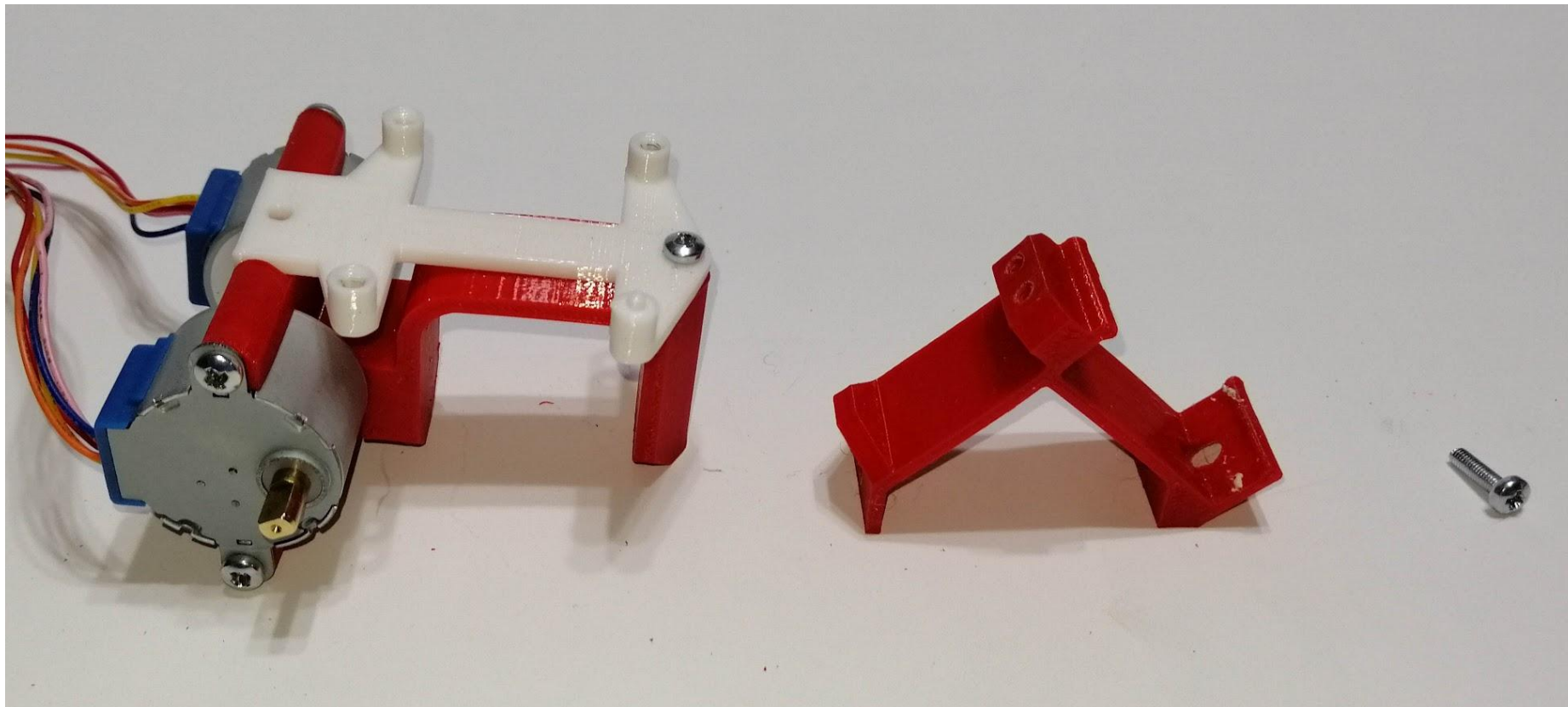


PASO 4



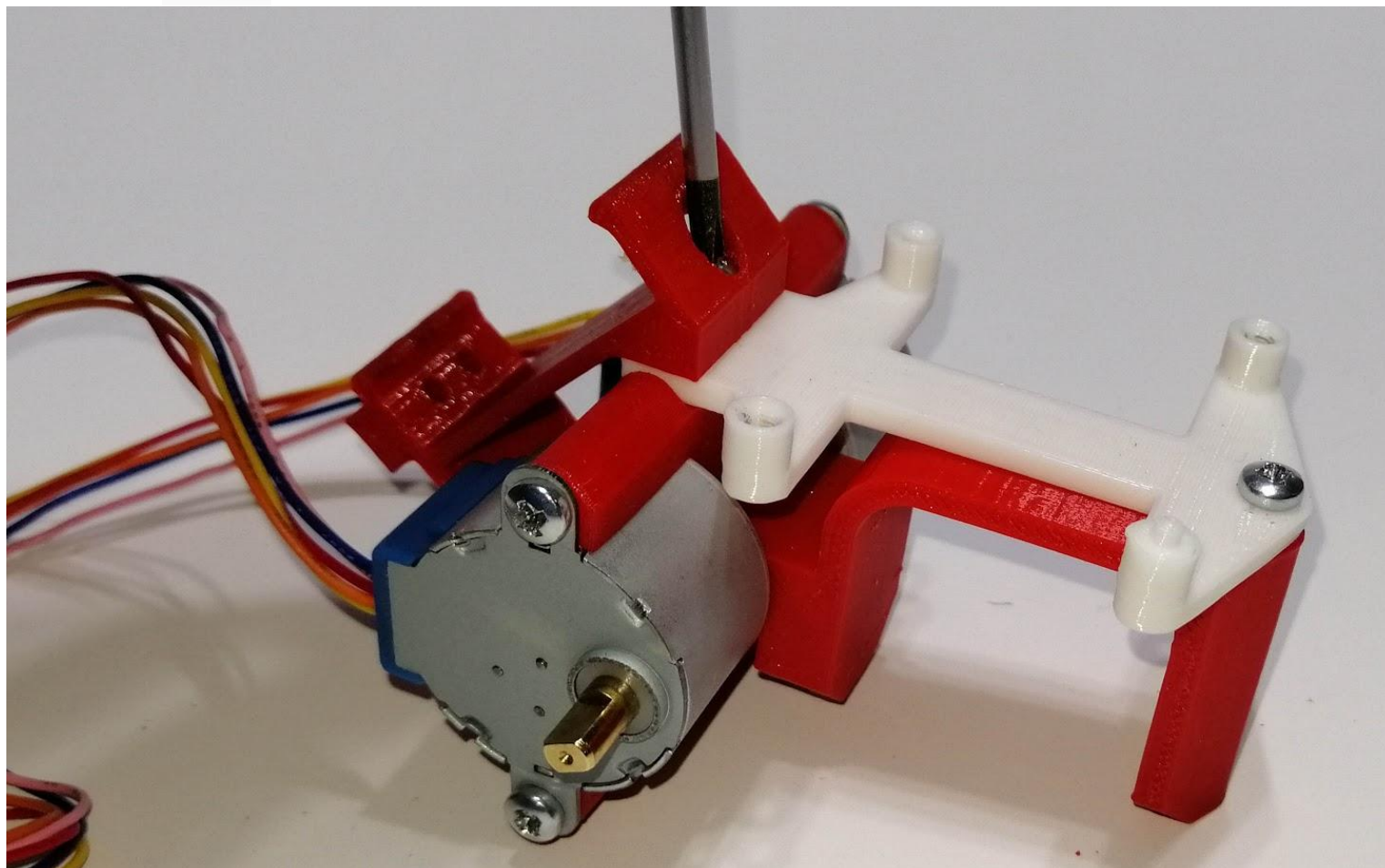


PASO 4



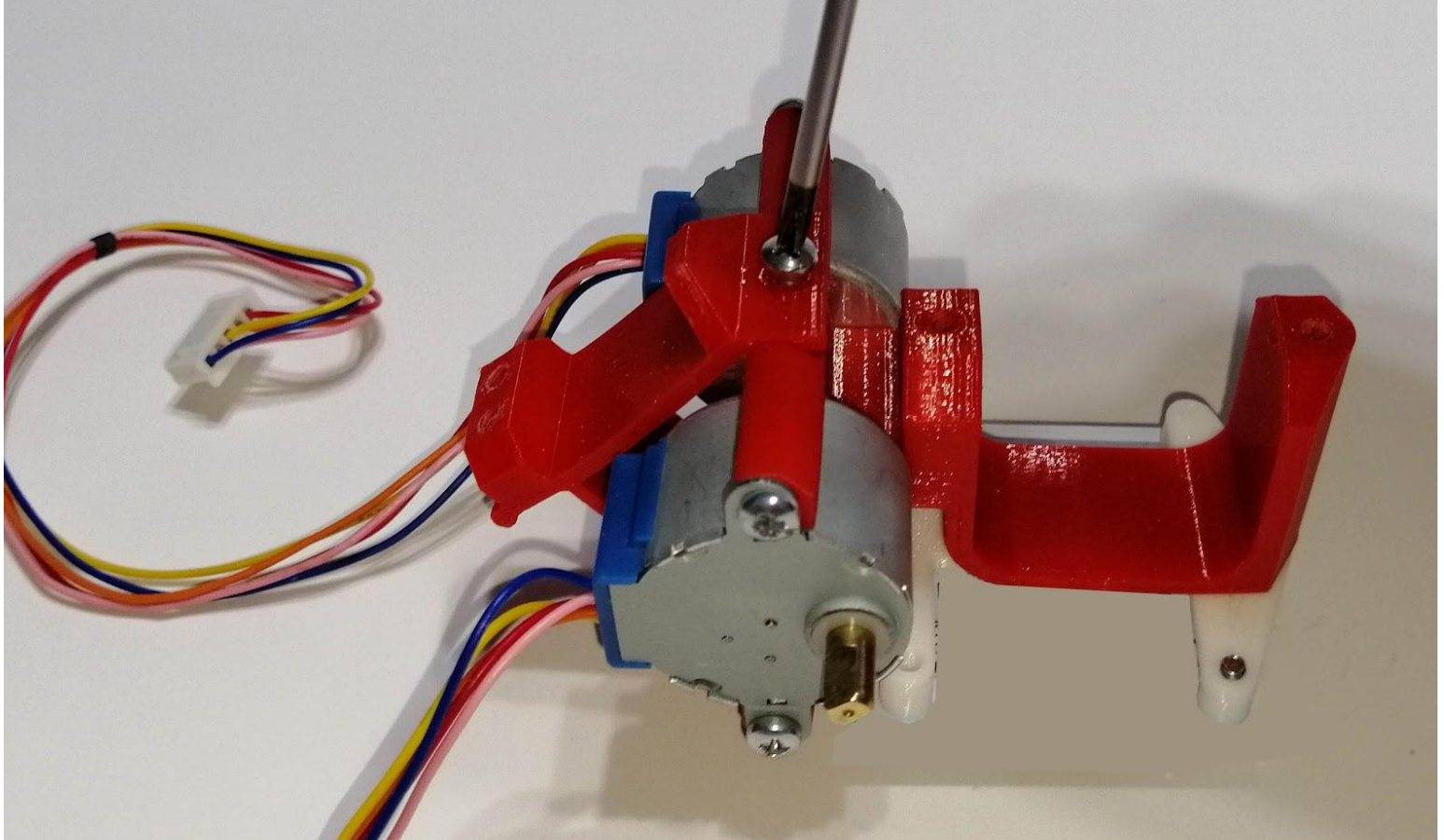


PASO 4



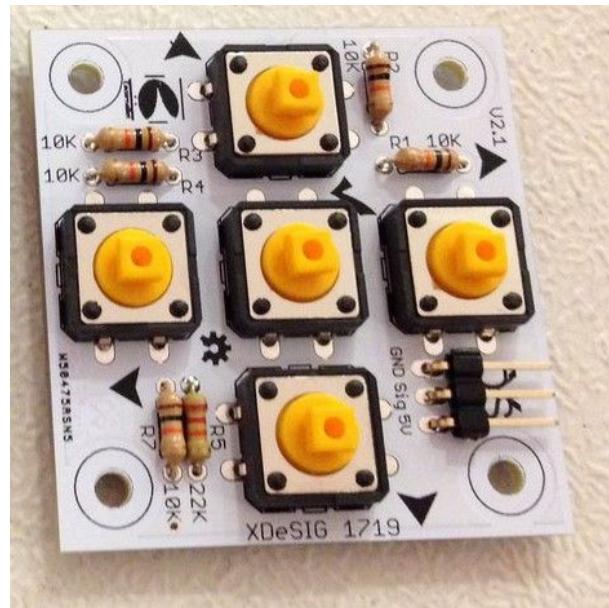


PASO 4



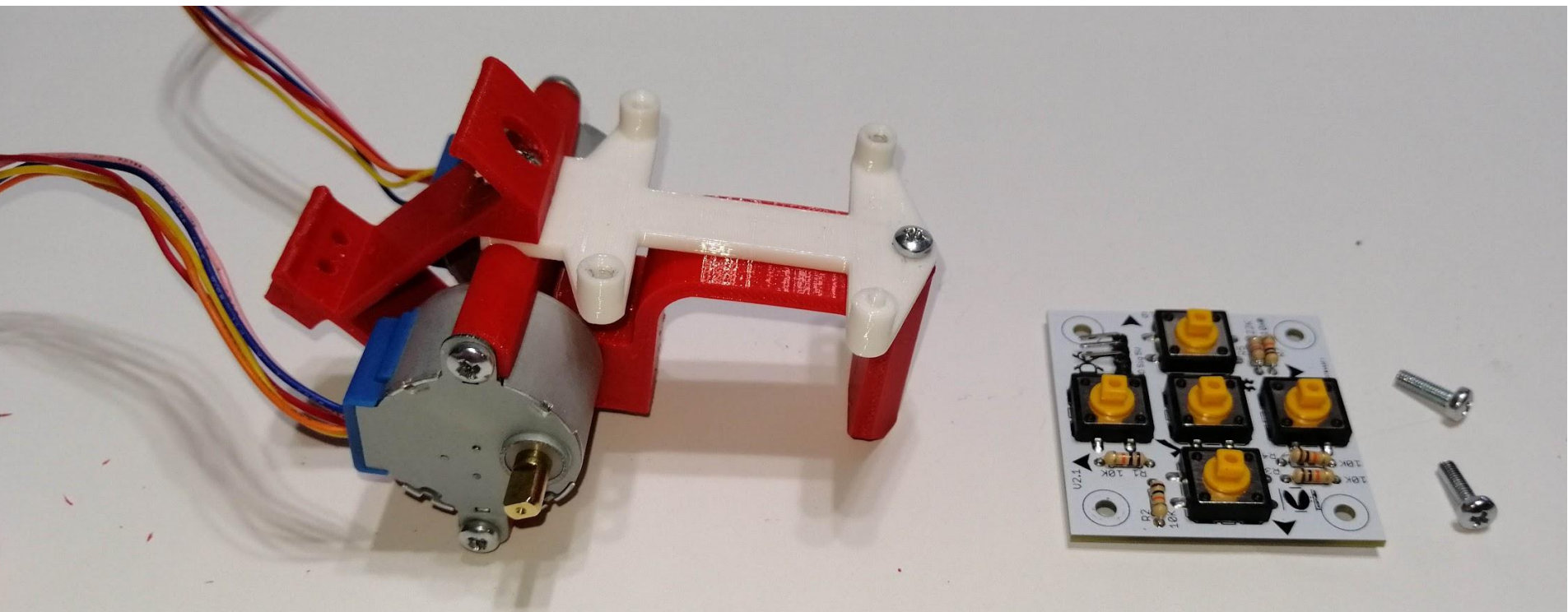


PASO 5



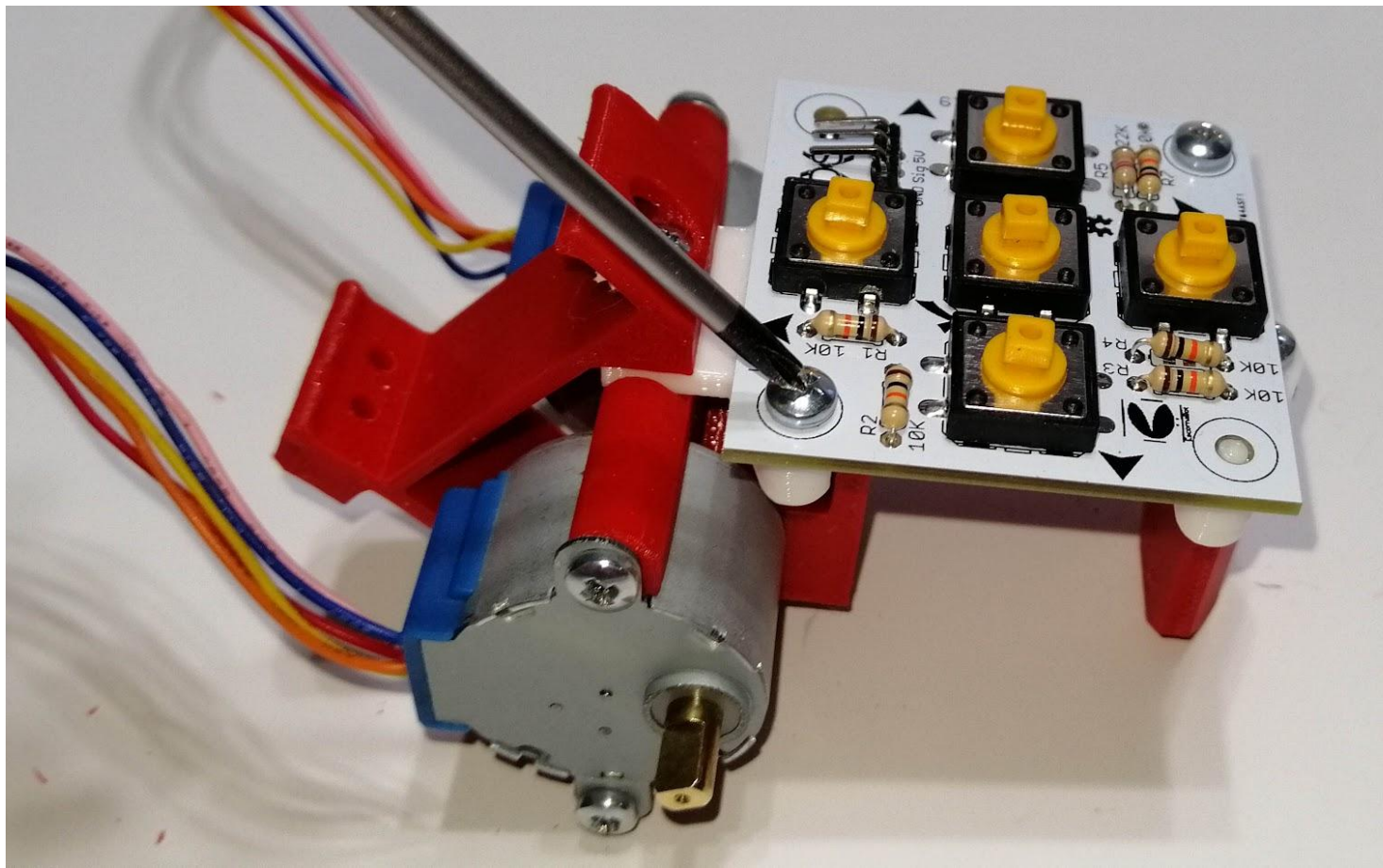


PASO 5



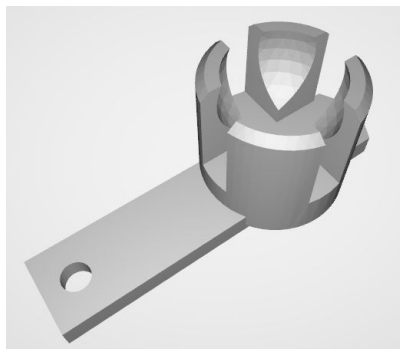


PASO 5





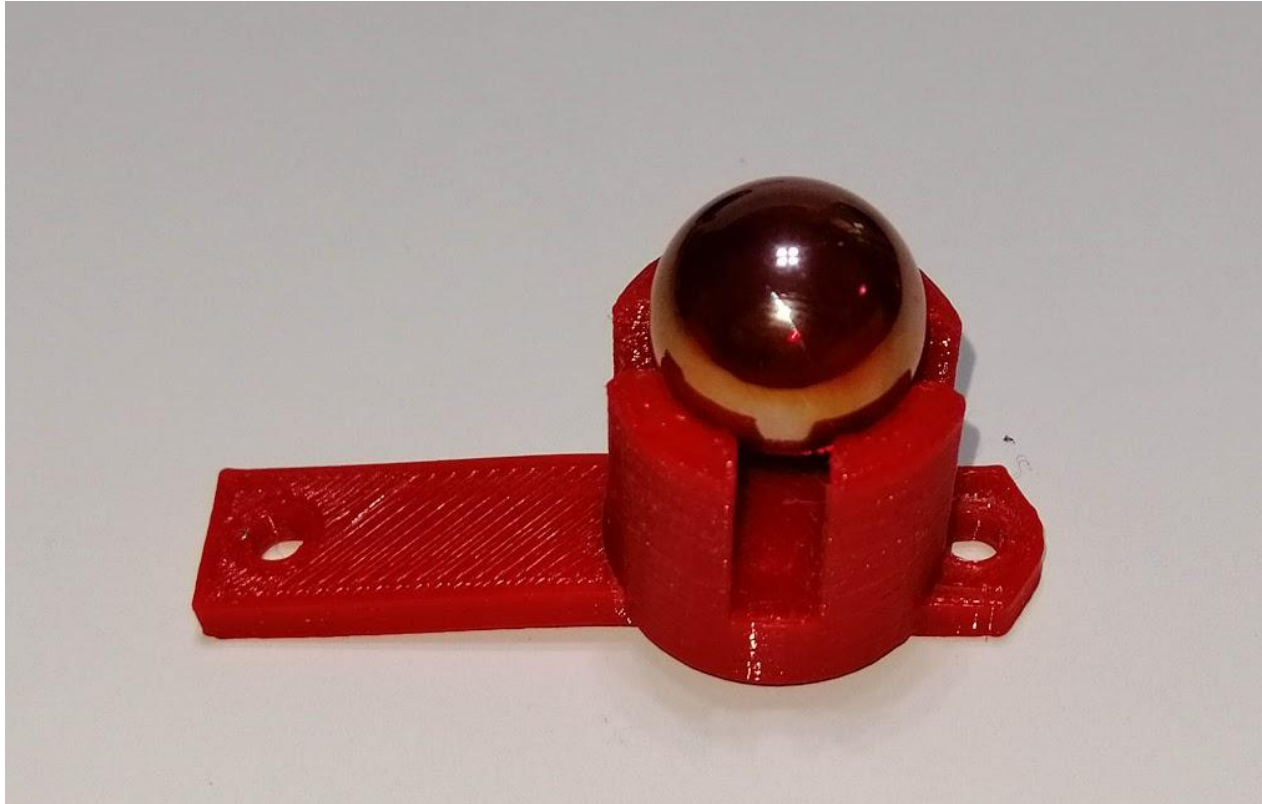
PASO 5



PROGRESO



PASO 5



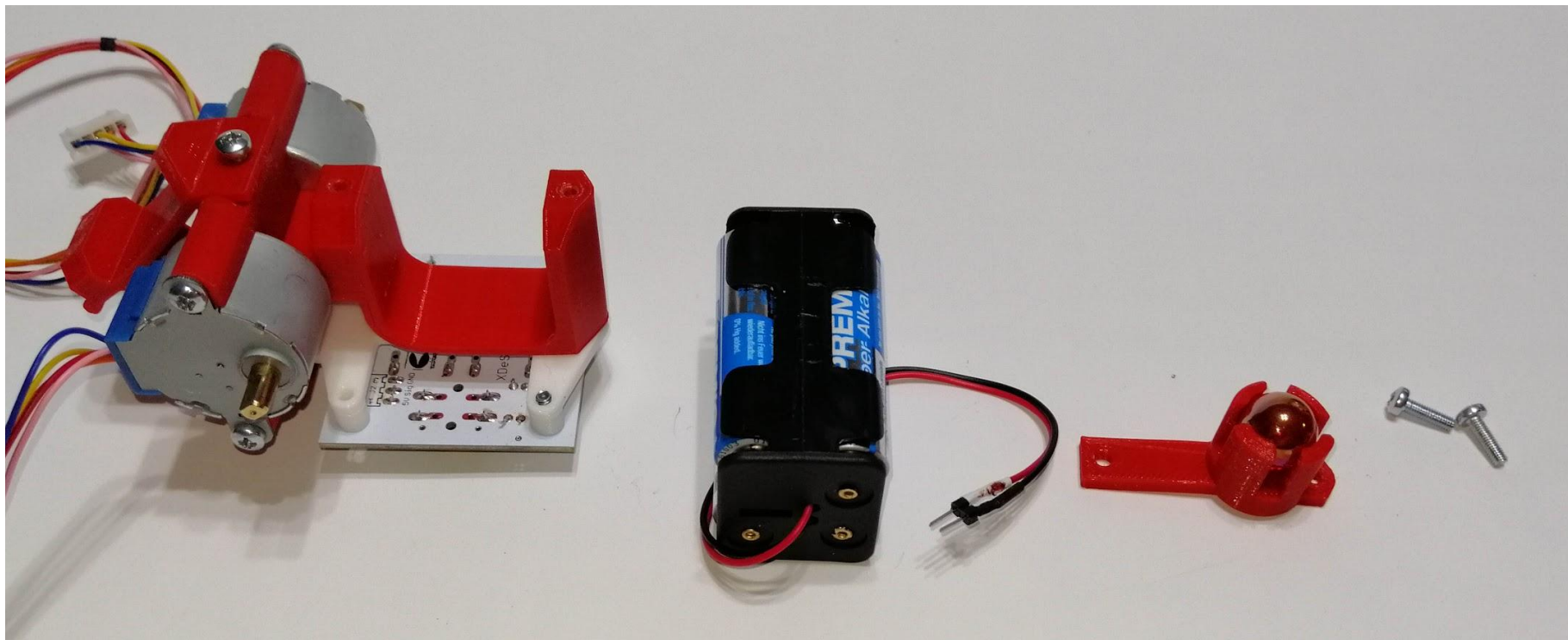


PASO 6



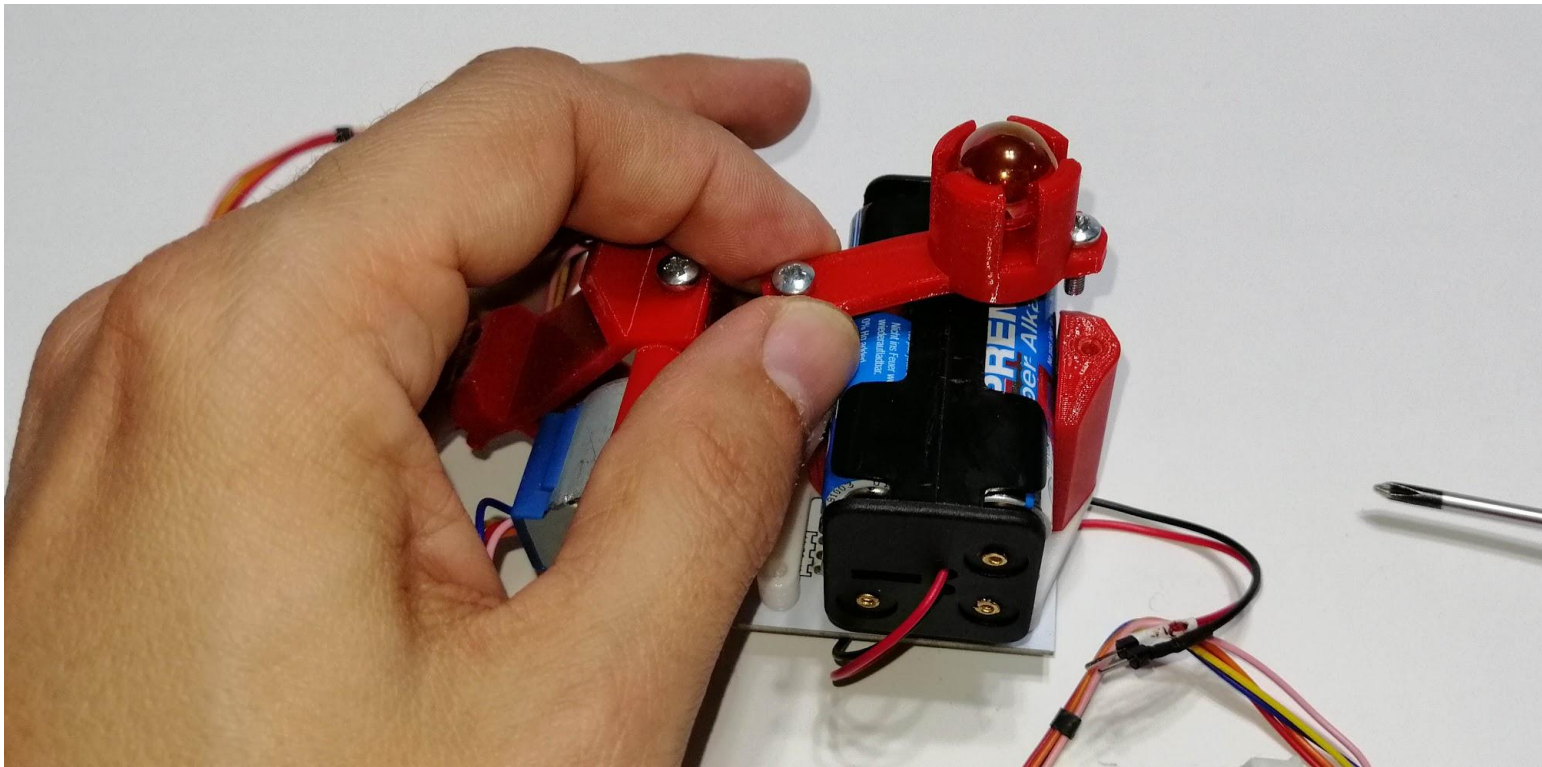


PASO 6



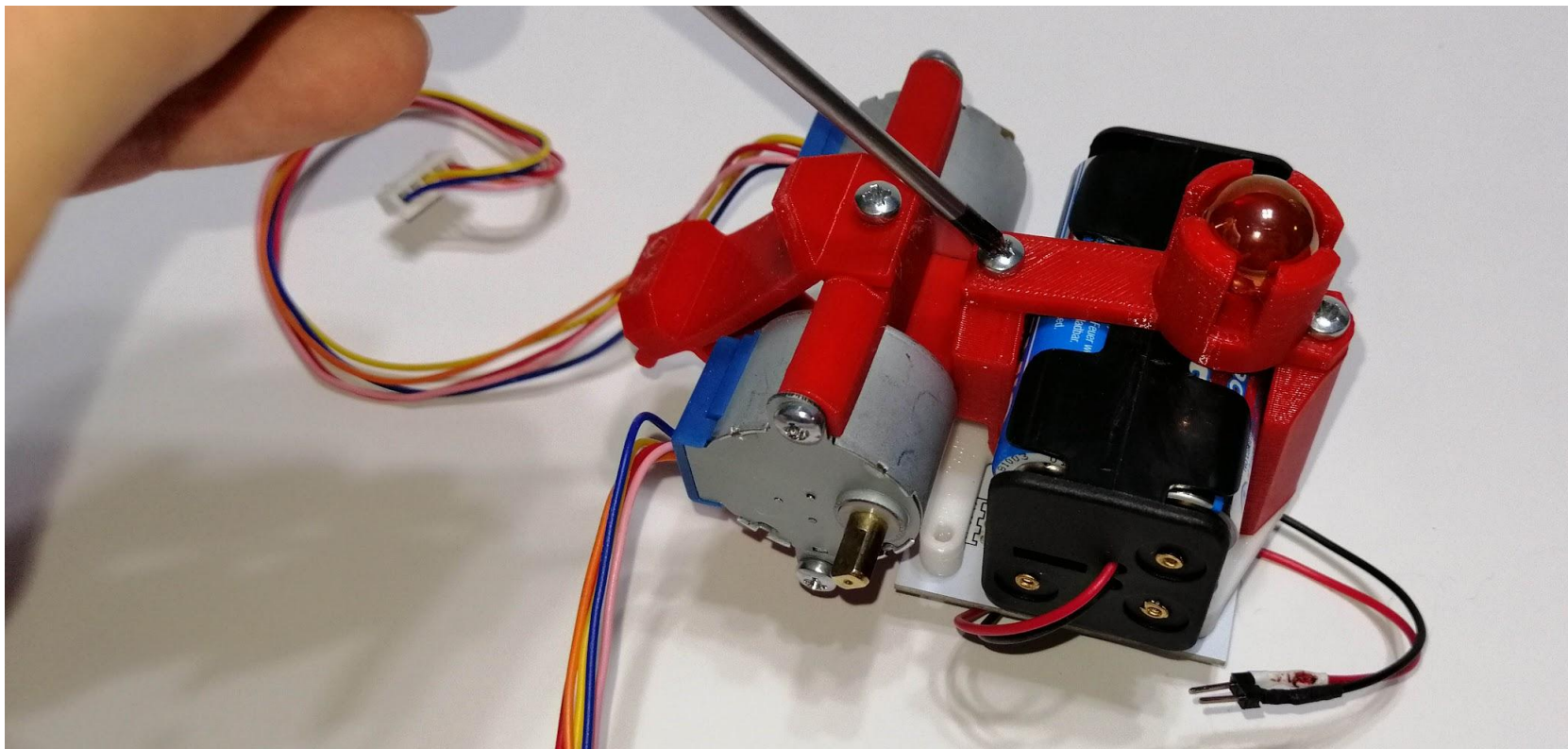


PASO 6





PASO 6



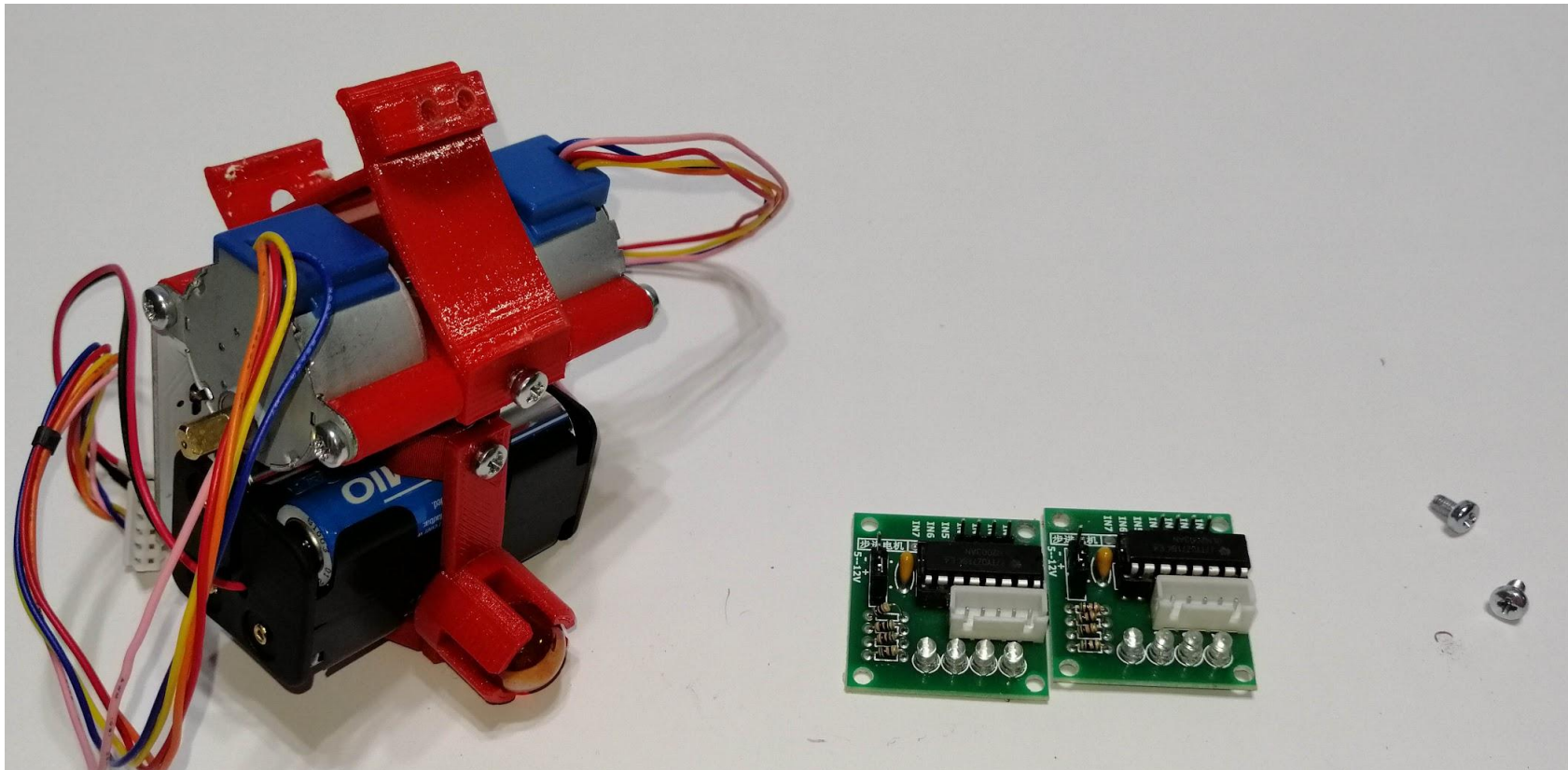


PASO 7



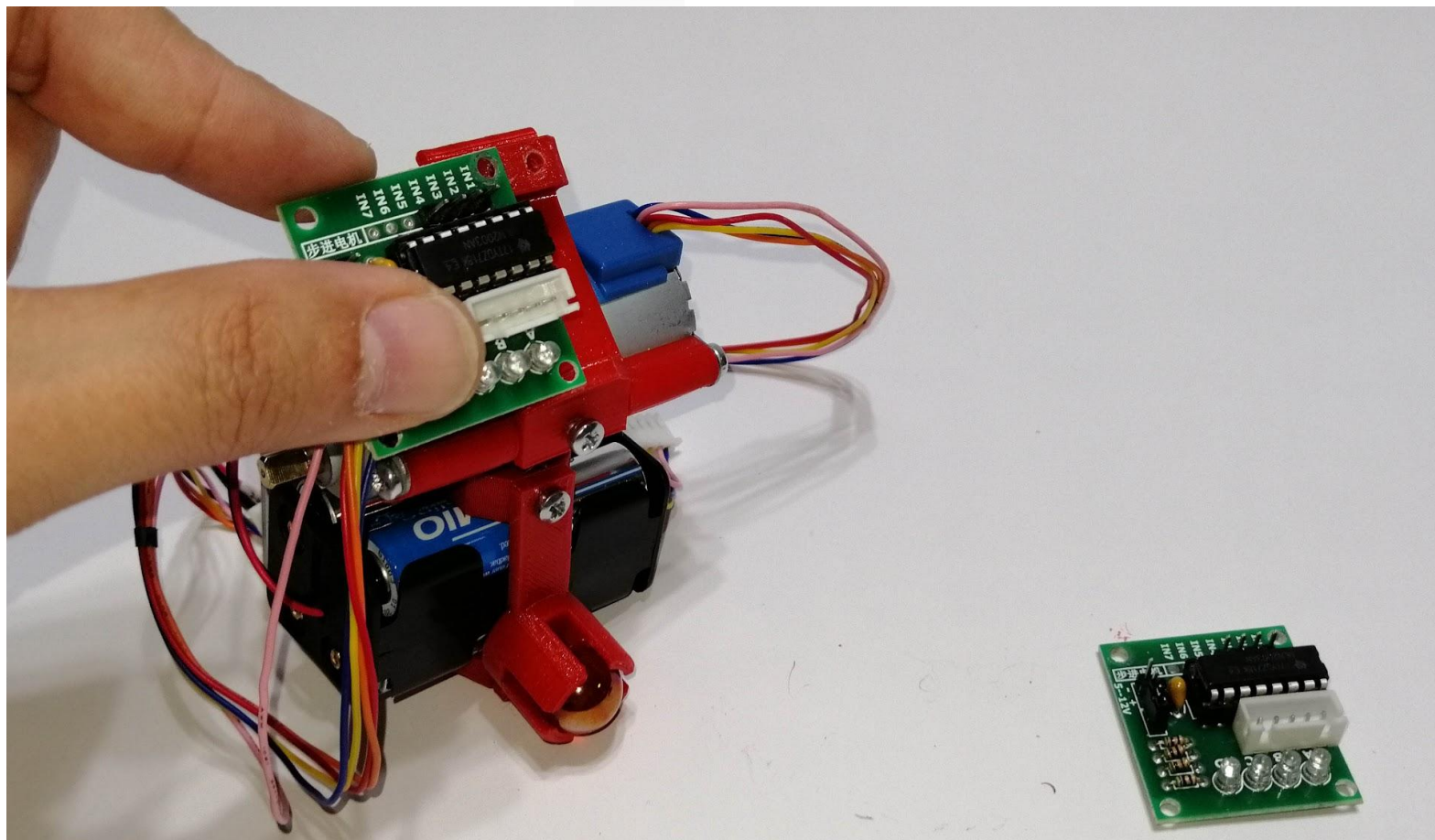


PASO 7



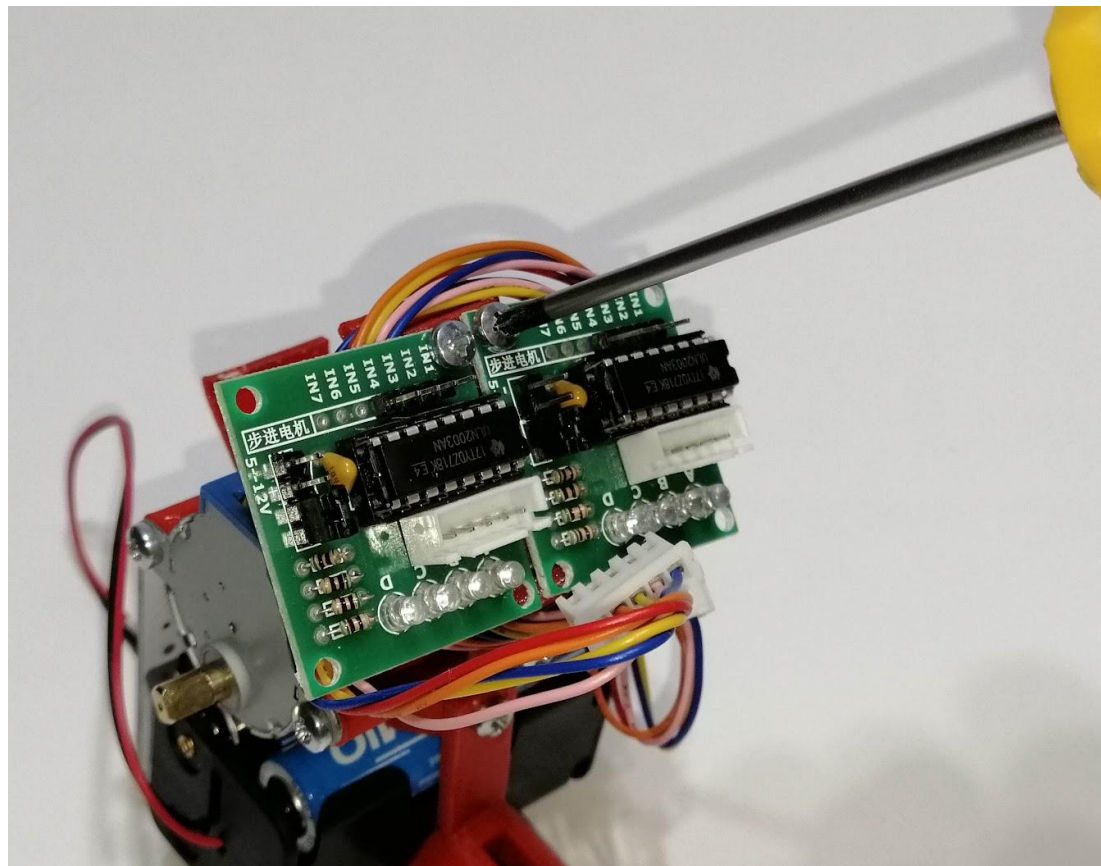


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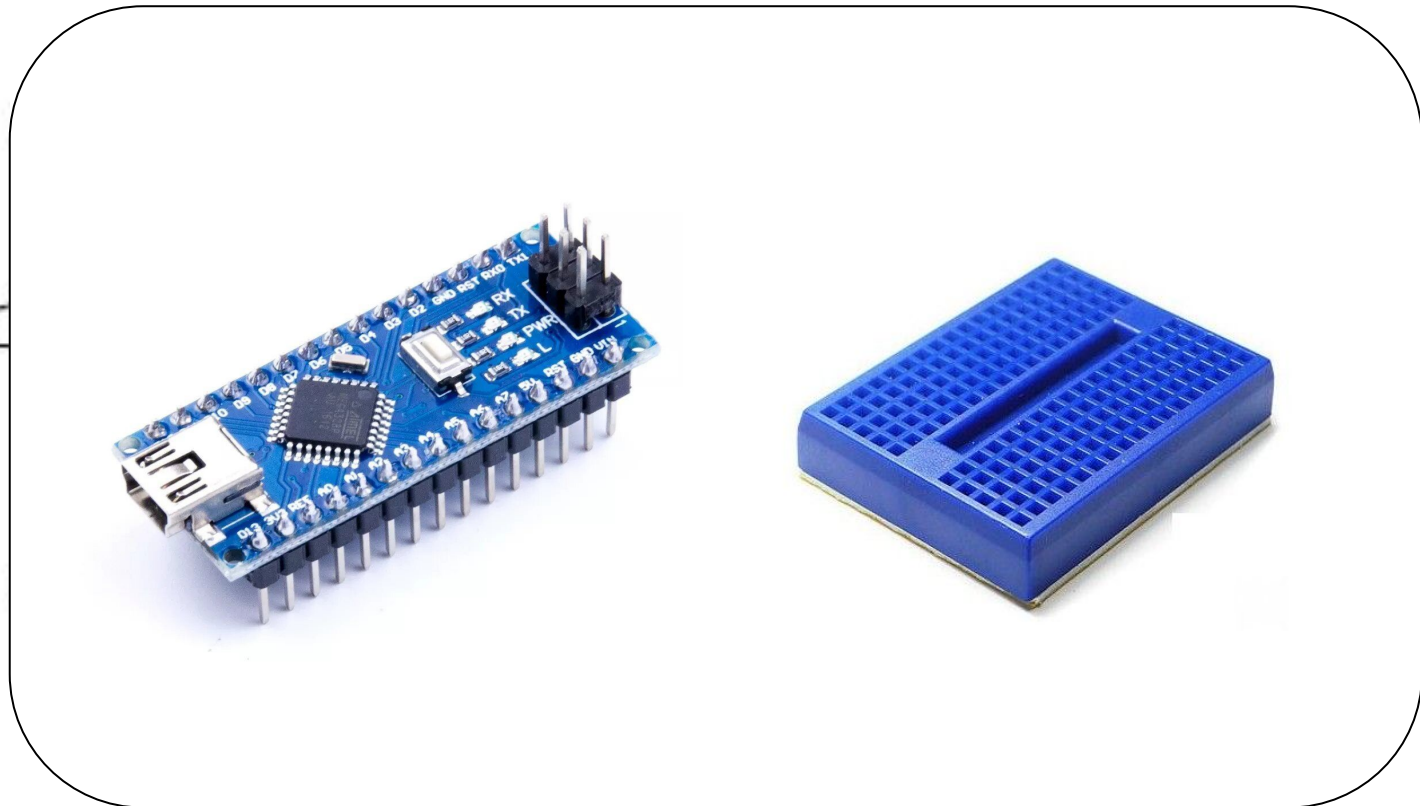


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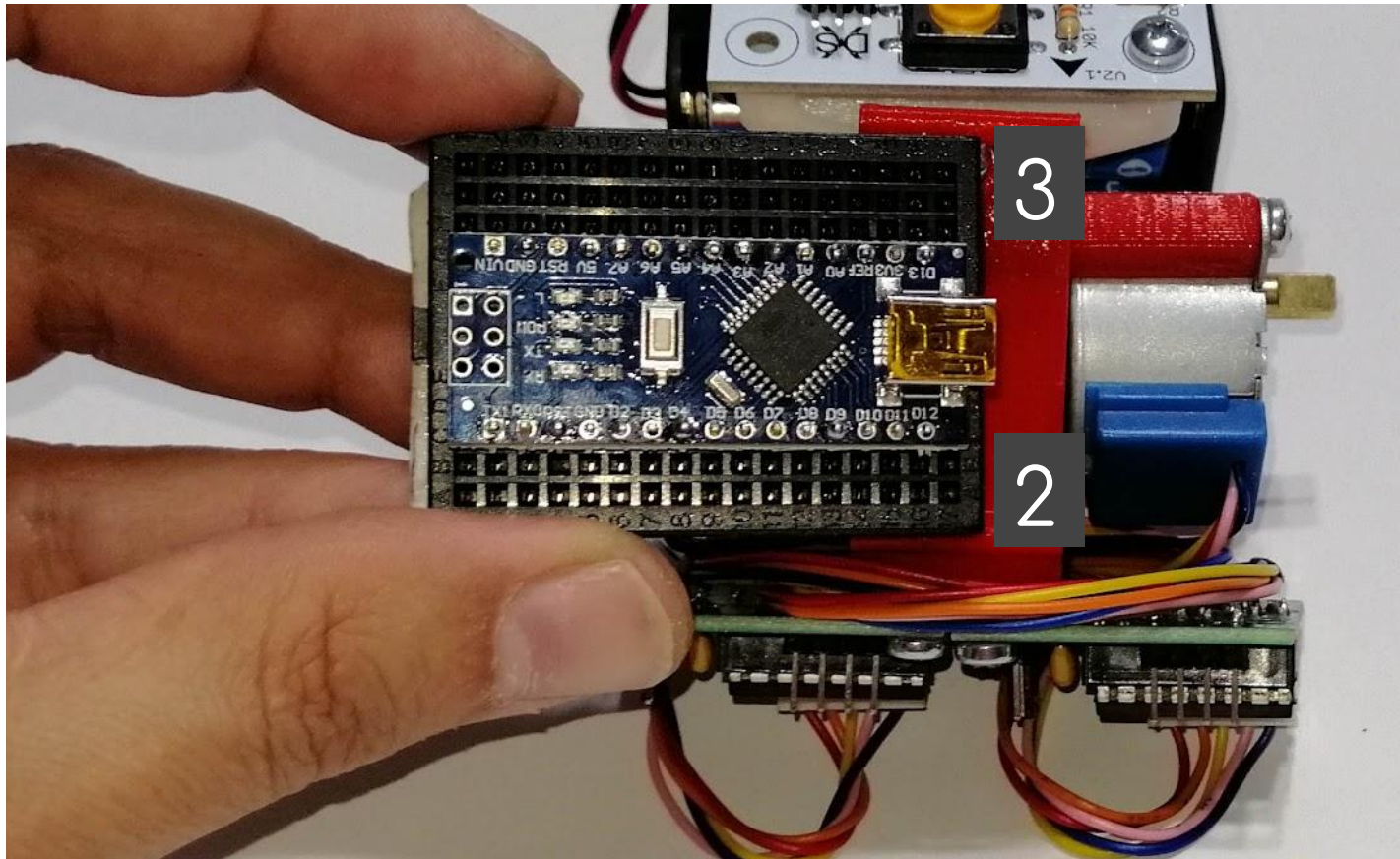


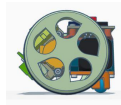
PASO 8



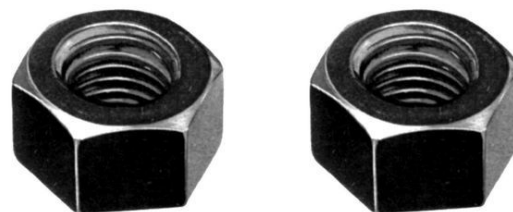
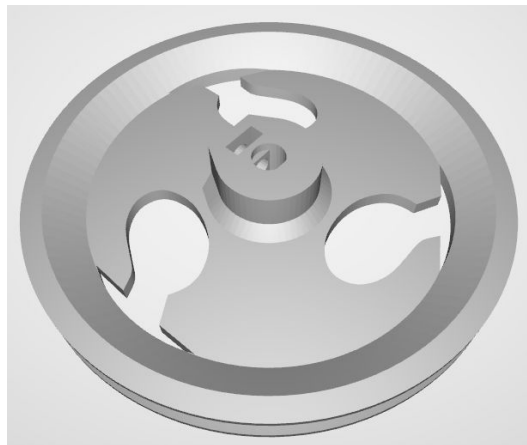
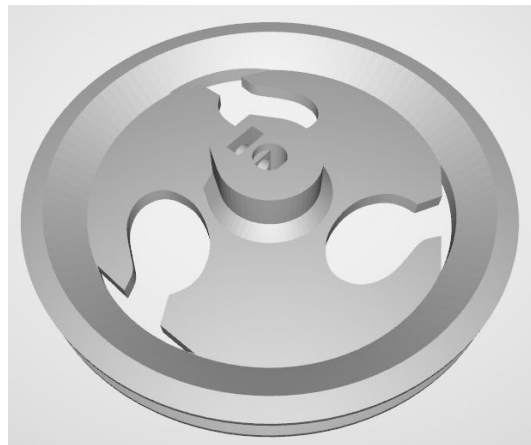


PASO 8



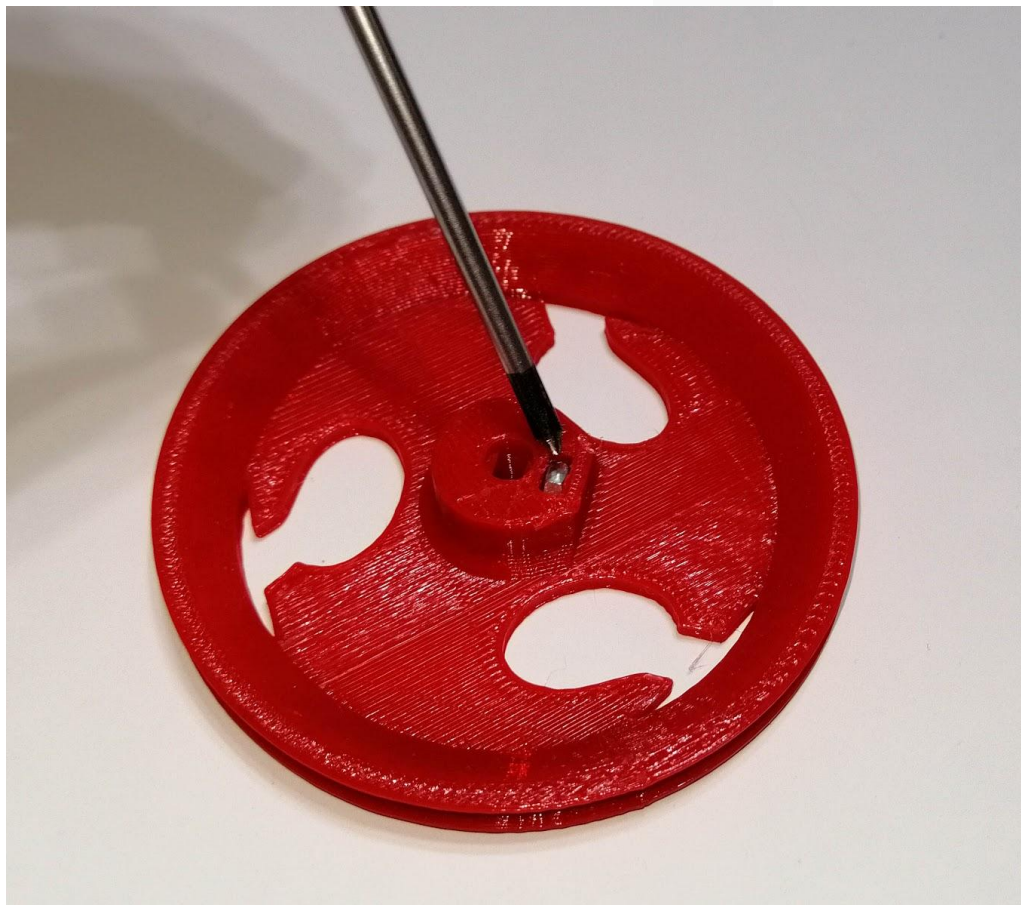


PASO 9





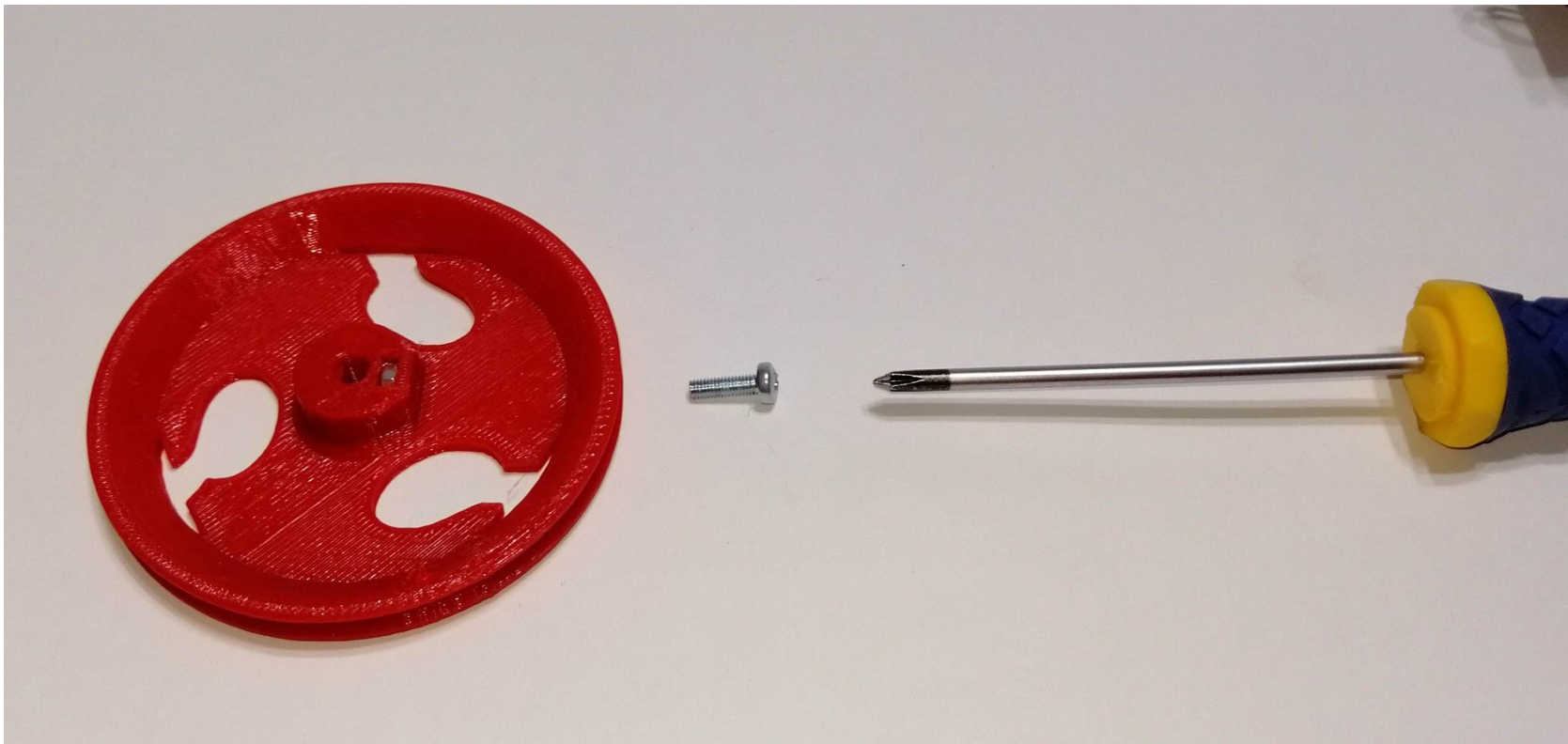
PASO 9



PROGRESO

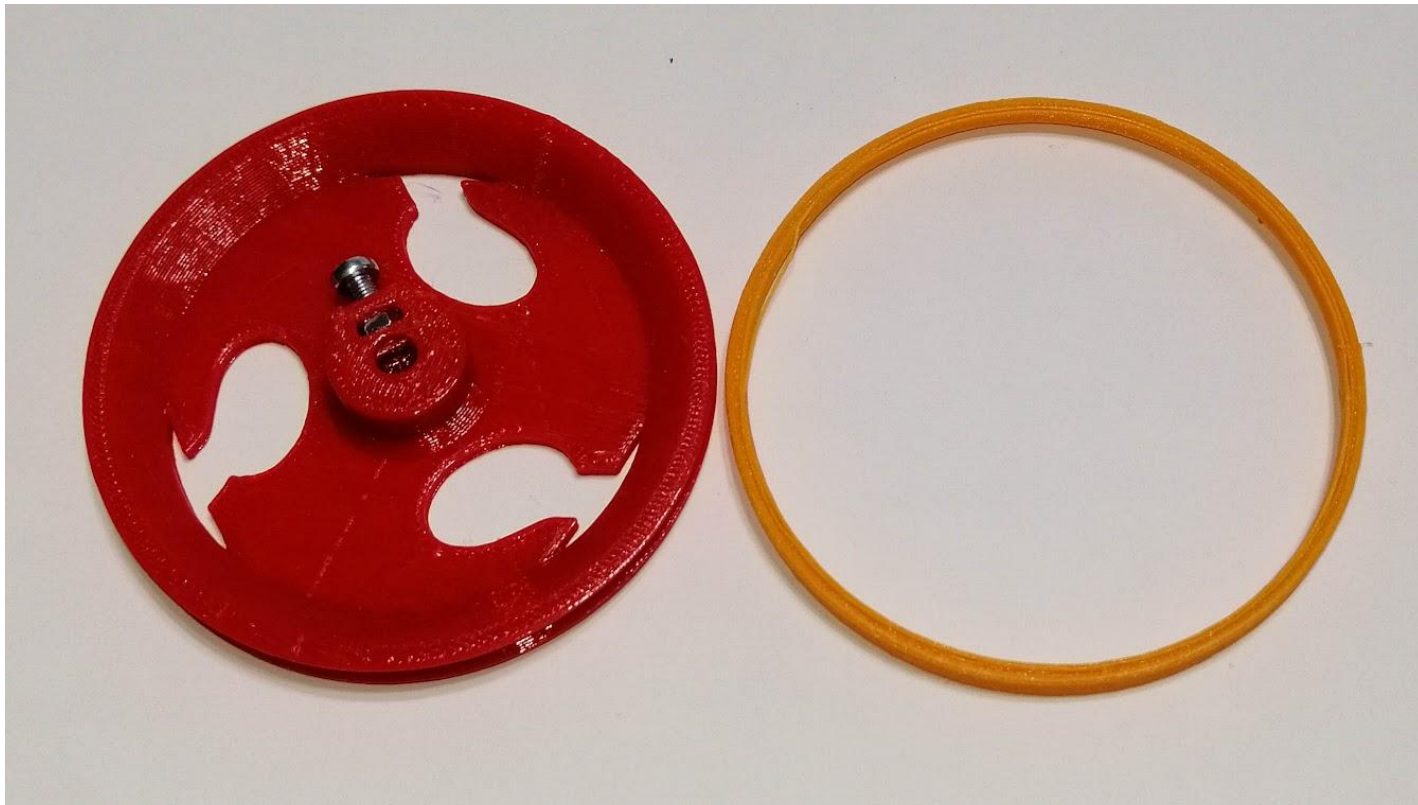


PASO 9



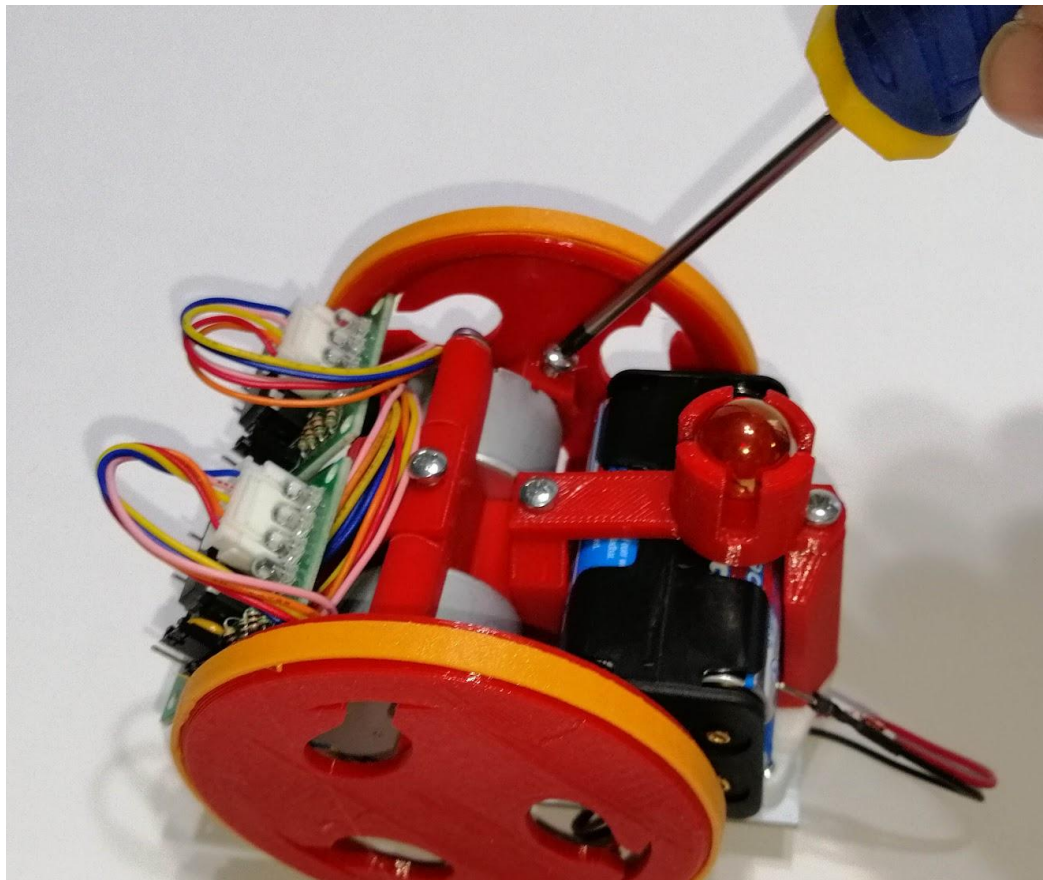


PASO 9



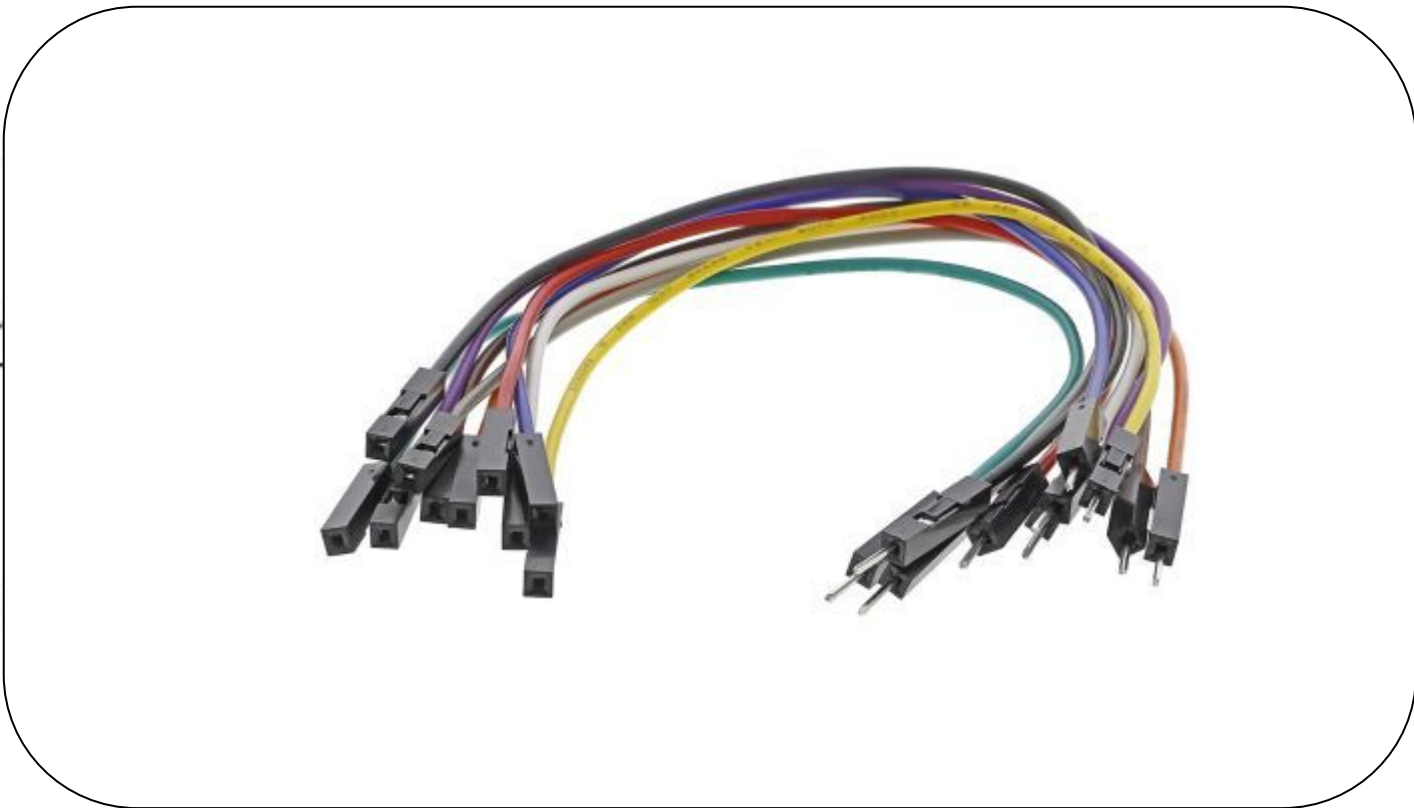


PASO 9



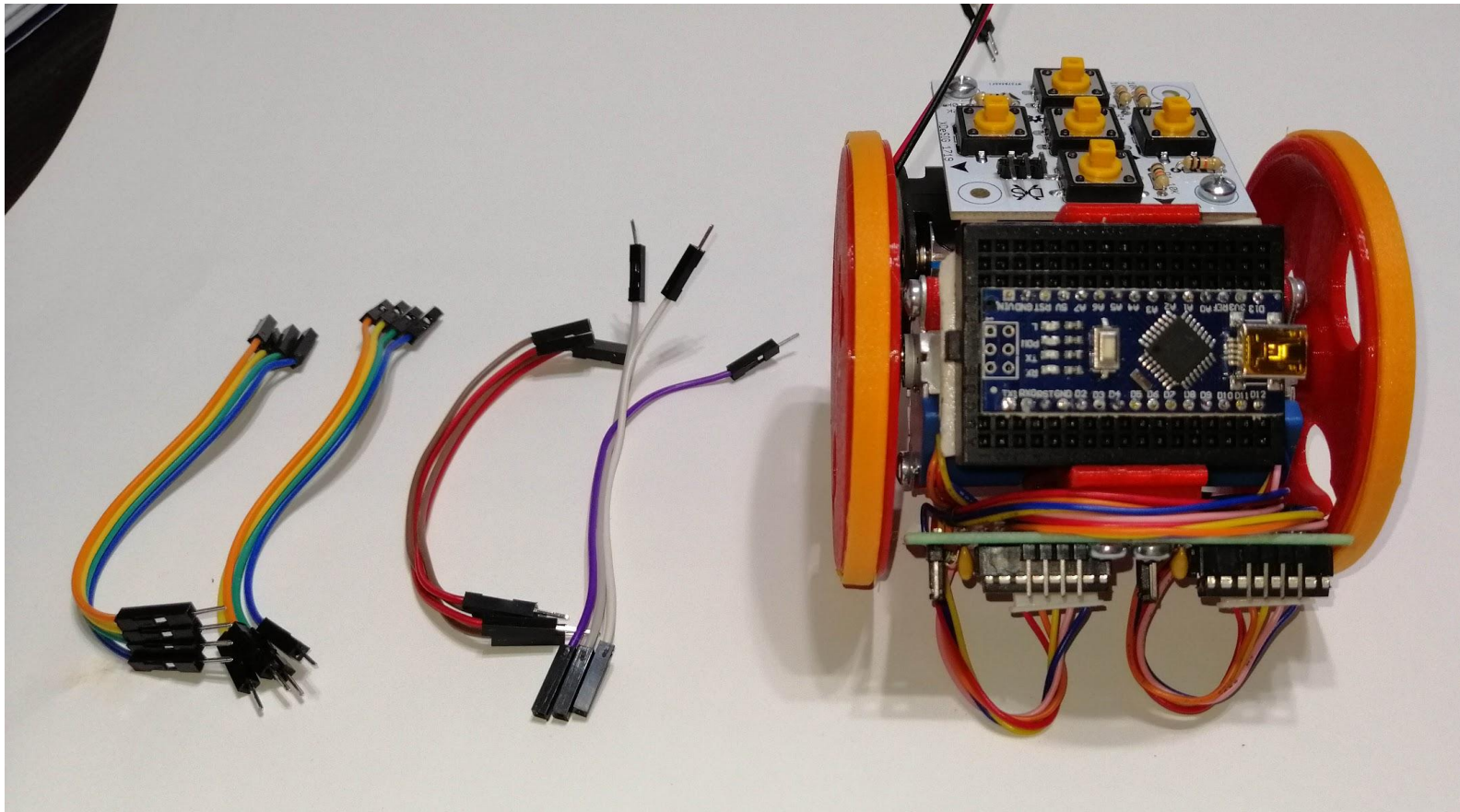


PASO 10



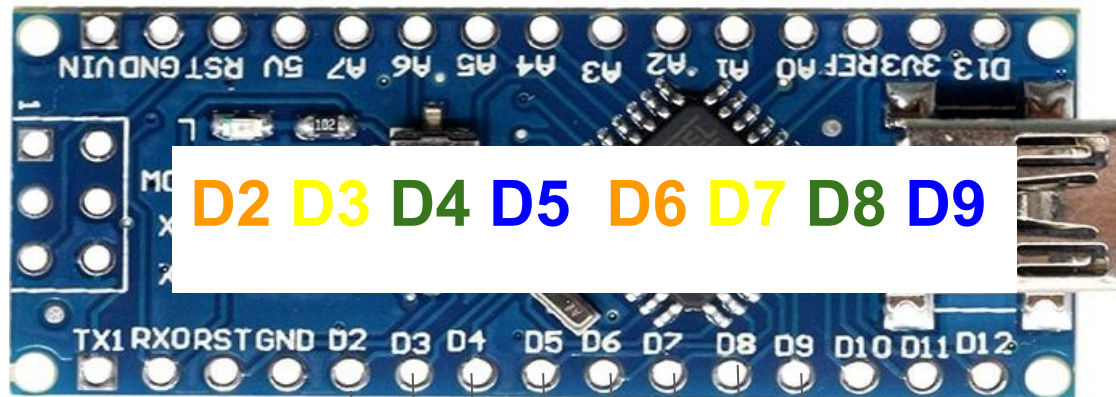


PASO 10

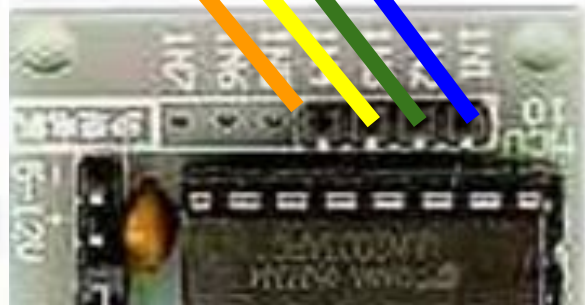




PASO 10

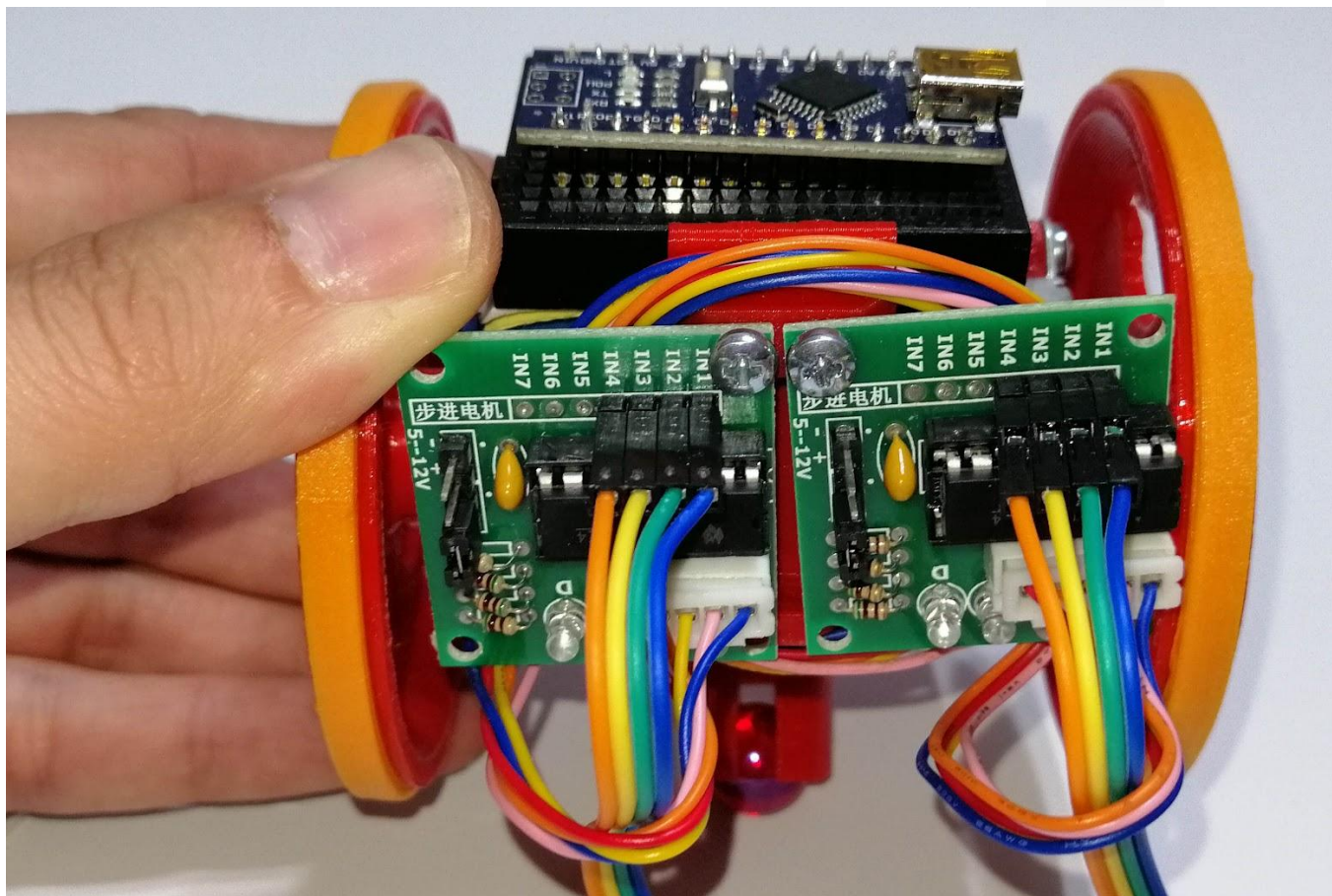


D2 D3 D4 D5 D6 D7 D8 D9



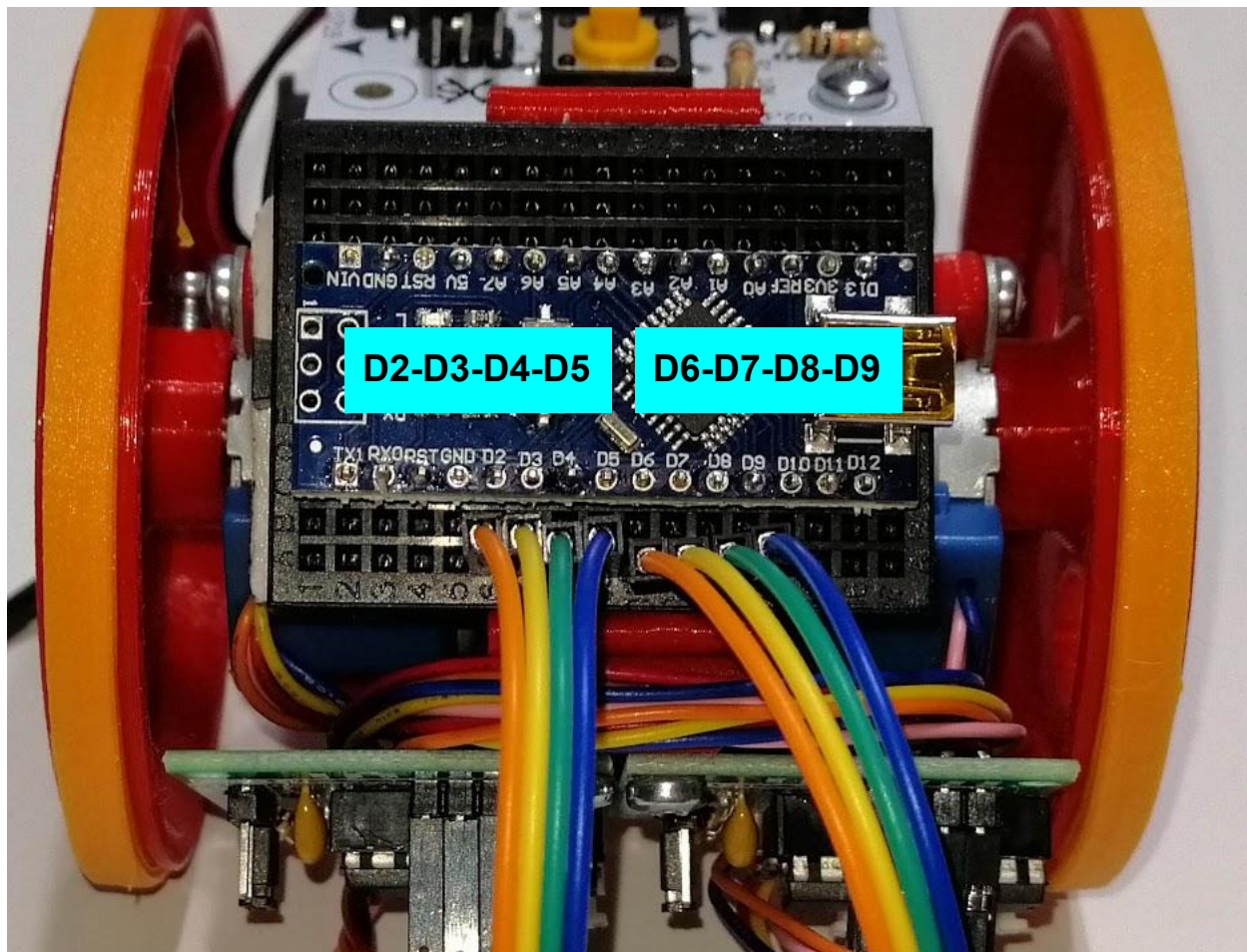


PASO 10





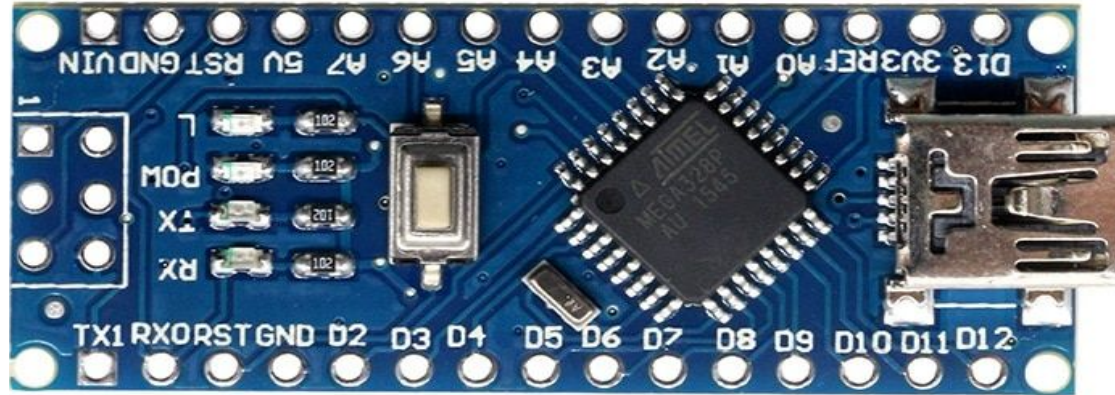
PASO 10





PASO 10

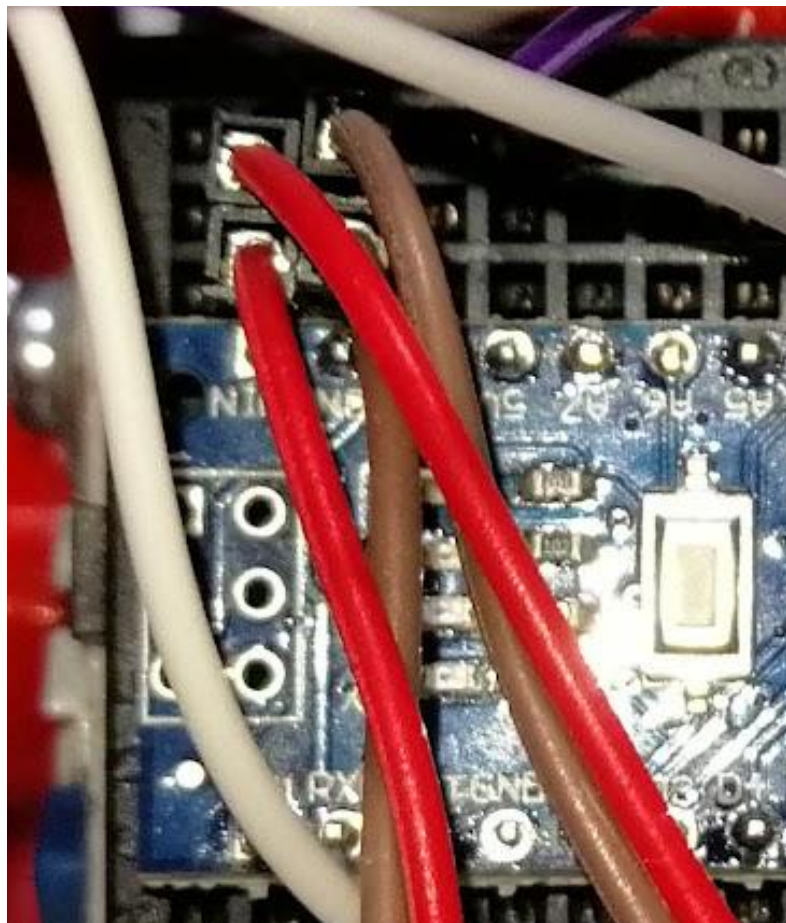
VIN GND



12V

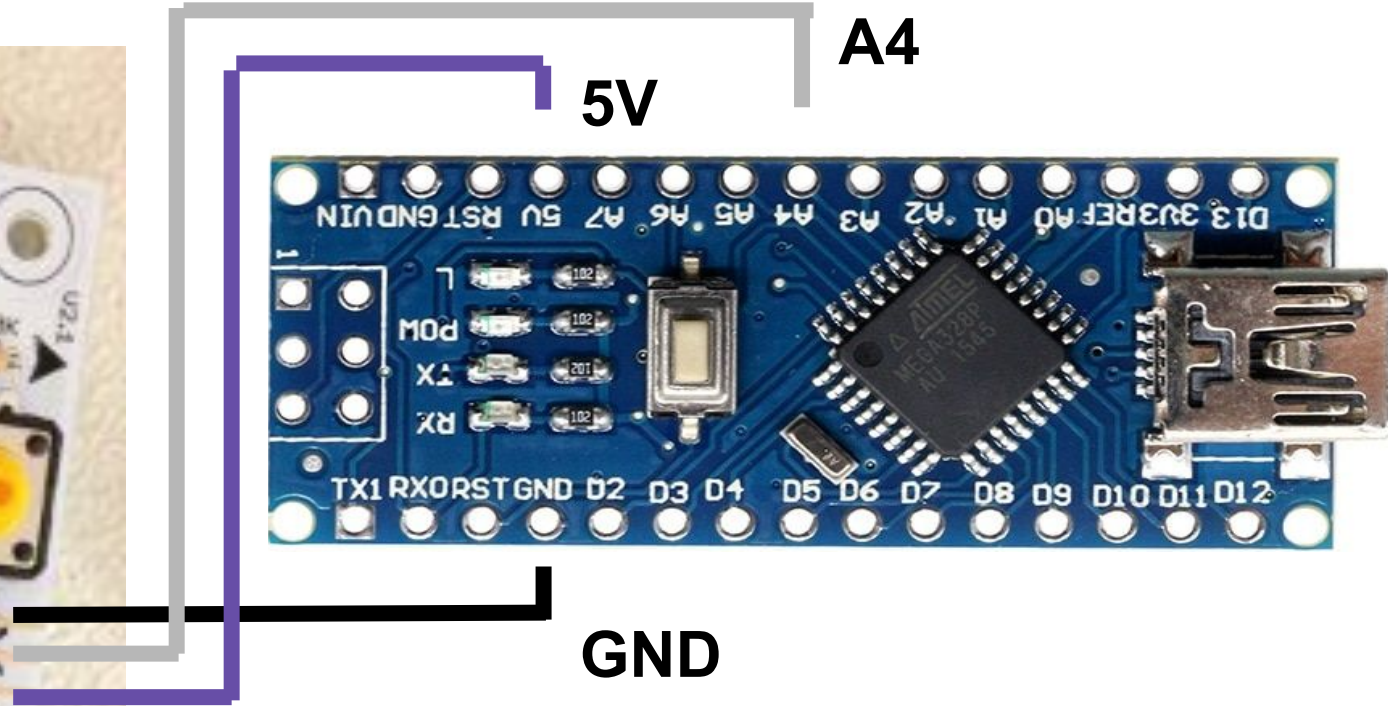
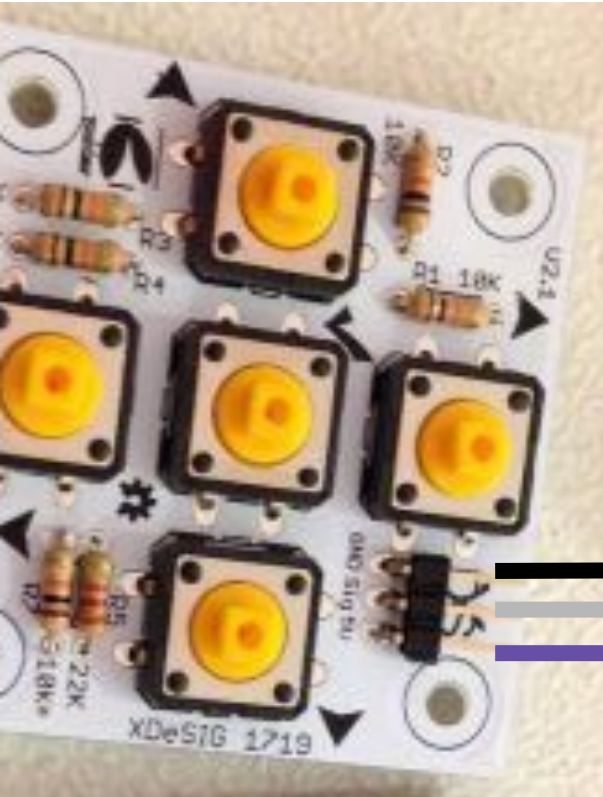


PASO 10





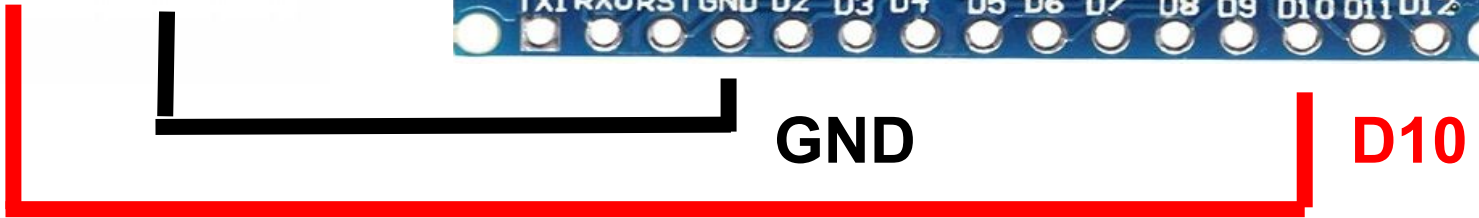
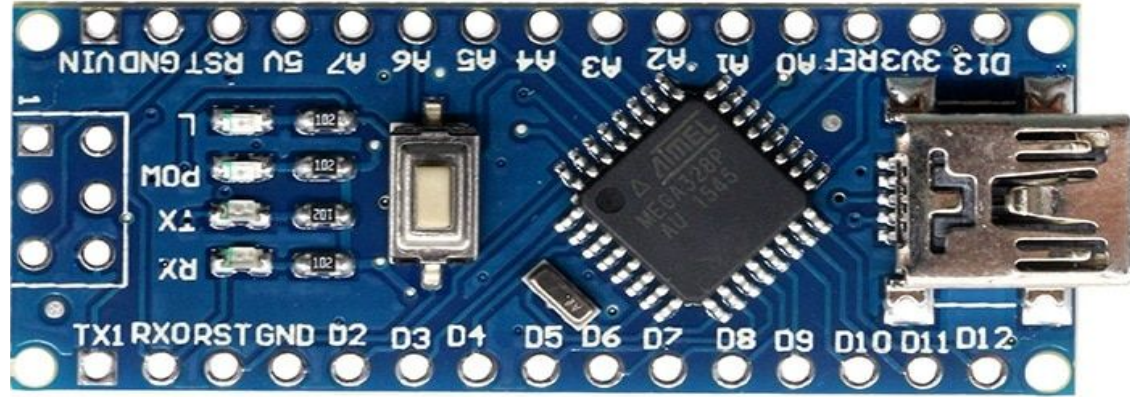
PASO 10





PASO 10

OPCIONAL

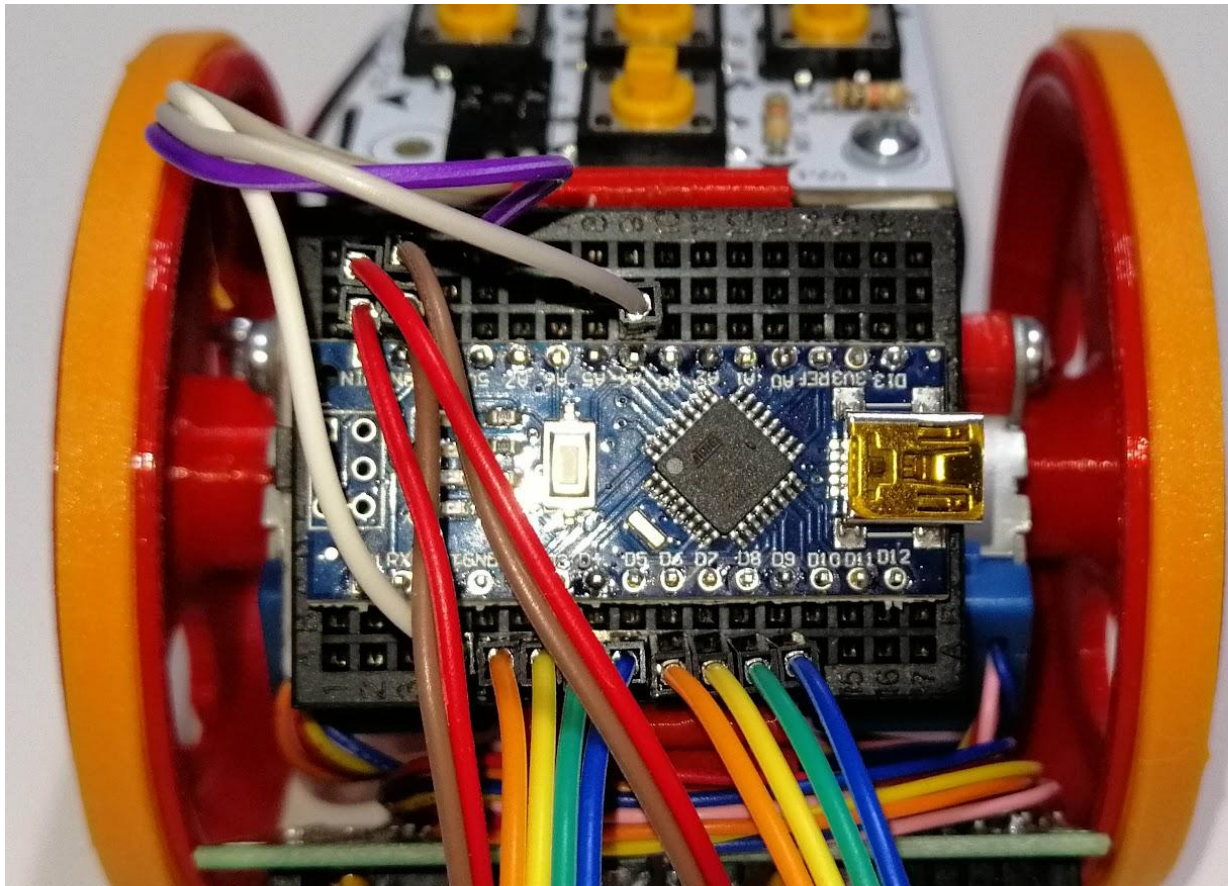


GND

D10



PASO 10

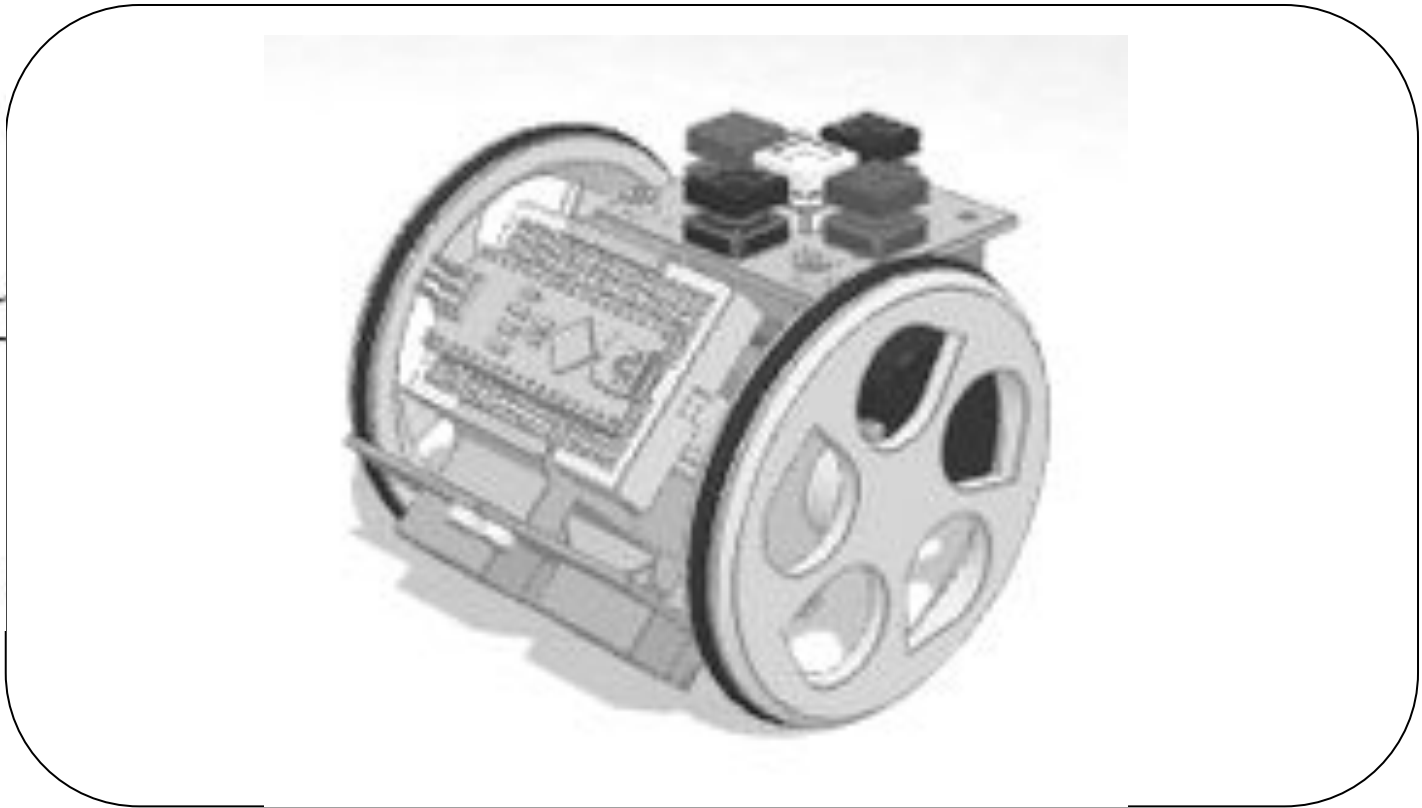




PASO 11



[GUIA PARA PROGRAMAR ESCORNABOT](#)



WELL DONE TEAM

WELL DONE!

Enlaces útiles para problemas habituales

Aprieto los botones y no se mueve:

- Comprueba que el Arduino tiene el led encendido
- Cambia las pilas por unas nuevas
- [Comprobación de los valores de la botonera](#) (IMPORTANTE)

MEJORAS

BLUETOOTH

PROGRAMACION CON MAKEBLOCK

PROGRAMACION CON VISUALINO

[COMO MODIFICAR MOVIMIENTOS DEL ESCORNABOT \(velocidad, distancia, angulos...\)](#)

COMUNIDAD ESCORNABOT

WEB DEL PROYECTO: <http://escornabot.com>

USUARIOS: https://groups.google.com/forum/#!forum/escornabot_users

GITHUB: <https://github.com/escornabot/>

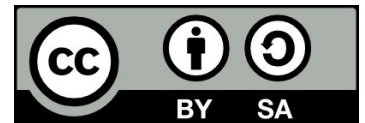
PABLO RUBIO (ESCORNAFAN): <https://pablorubma.cc/escornabot/>

VERSION DIY PABLO RUBIO: <https://pablorubma.cc/escornabot/version-diy/>

PABLO NUÑEZ: info@fabricotusideas.com

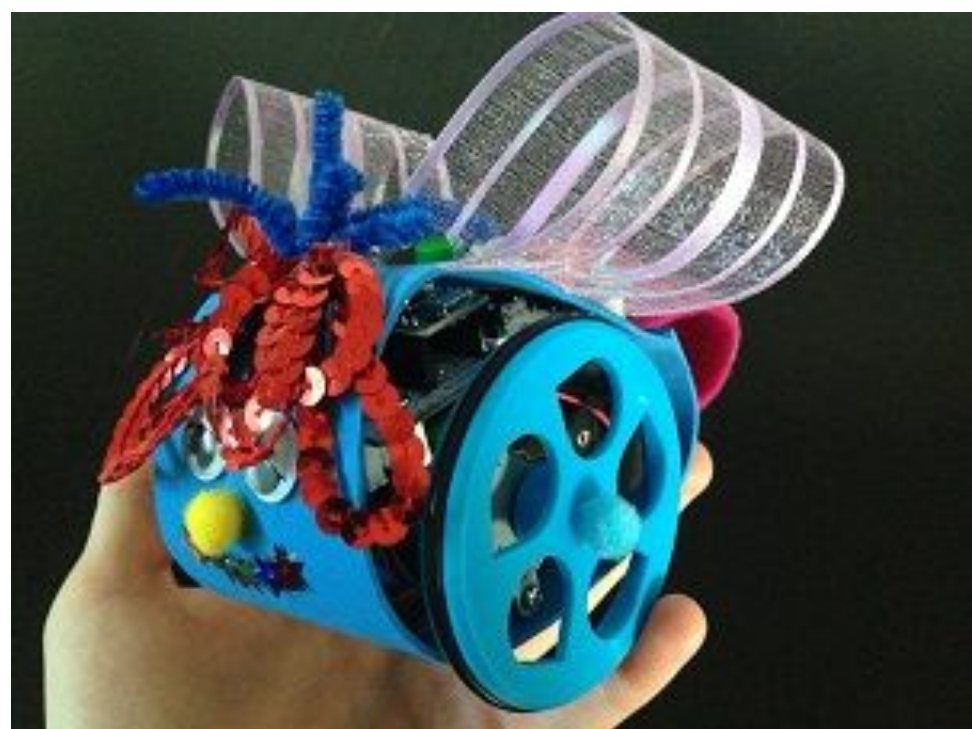
Blog INTEF con enlaces:

https://code.intef.es/prop_didacticas/escornabot-como-herramienta-didactica/



MATERIALES Y ACTIVIDADES

La clave de una herramienta



NOMBRE DE LA ACTIVIDAD

CREADOR DE LA ACTIVIDAD

TEMA DE LA ACTIVIDAD

EDADES / CURSOS A APLICAR

MATERIALES NECESARIOS

DESARROLLO