

Le châssis pour le Robot S v2.0

Introduction sur la fabrication du châssis :

Matériel :

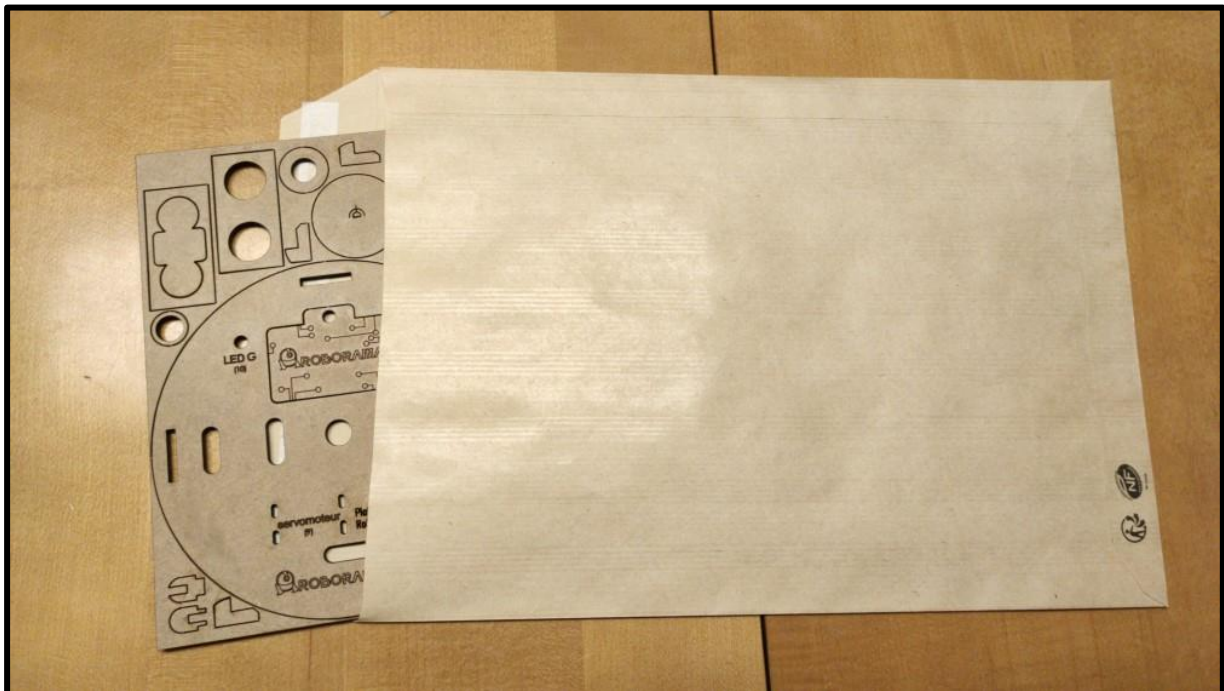
- ✓ 1 paire de ciseaux
- ✓ 1 tournevis cruciforme

Optionnel :

- ✓ Colle à bois ou colle d'écolier
- ✓ Pince coupante

Note :

Le châssis a été pensé pour être simple à monter. Vous pouvez coller certaines pièces pour éviter qu'elle ne se détachent trop facilement. N'hésitez pas à le modifier à votre envie, il est là pour ça c'est votre création.

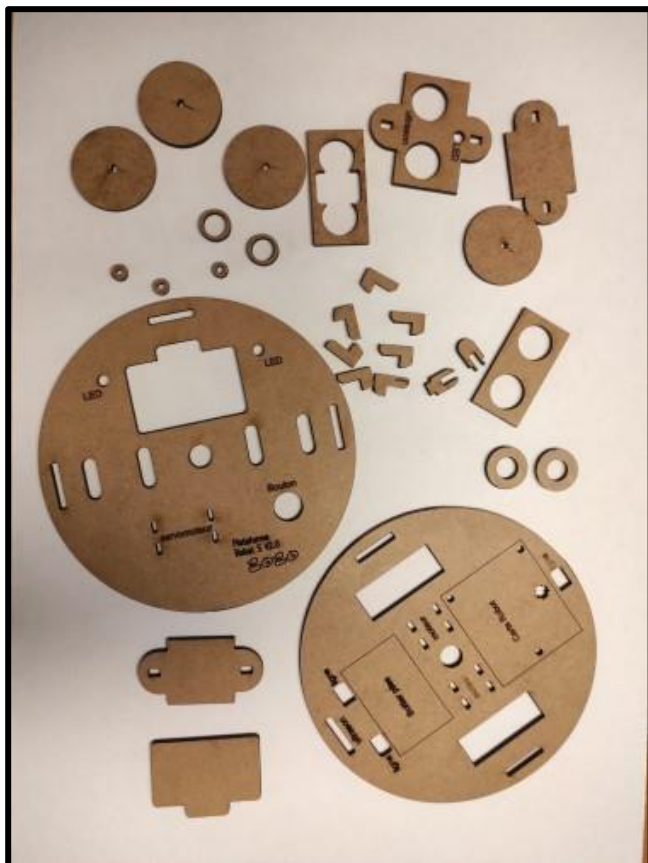


Le matériel

Matériel :

- ✓ Les éléments découpés
- ✓ 1 morceau de chambre à air de vélo
- ✓ 3 vis
- ✓ Des colliers plastiques

Note :

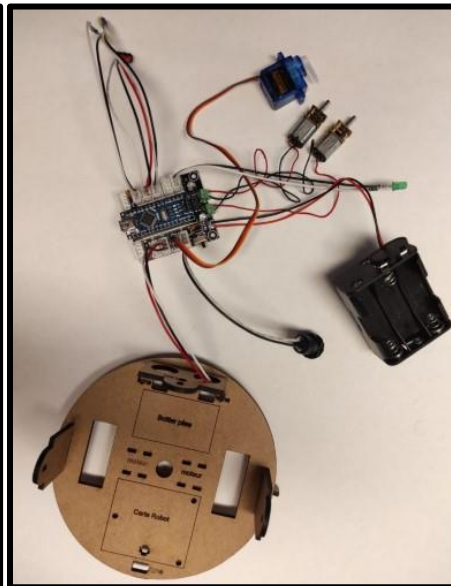
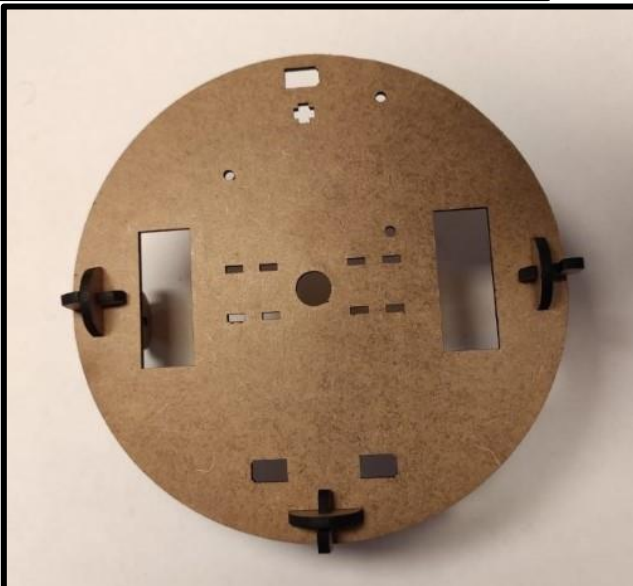
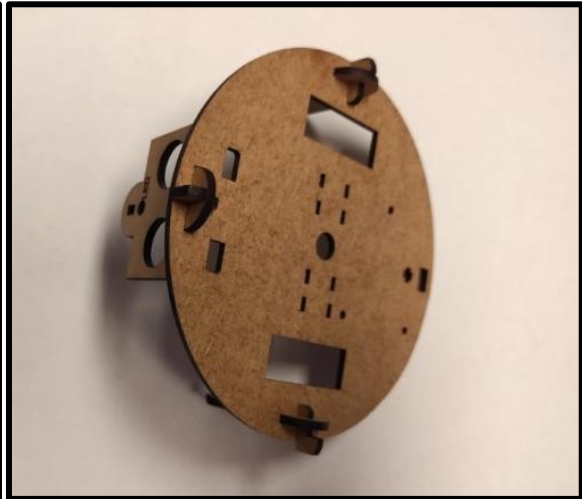
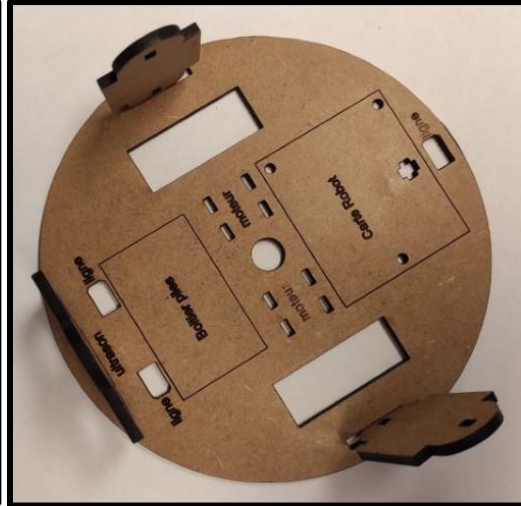
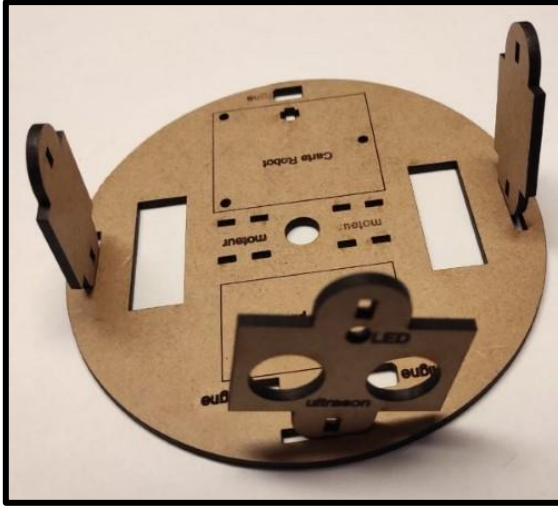


Le châssis

Matériel :

- ✓
- ✓

Note :

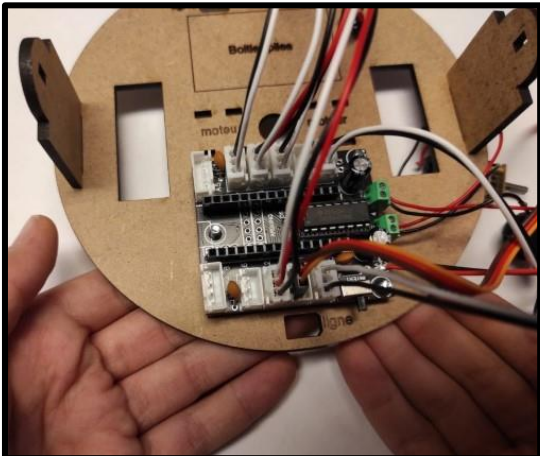
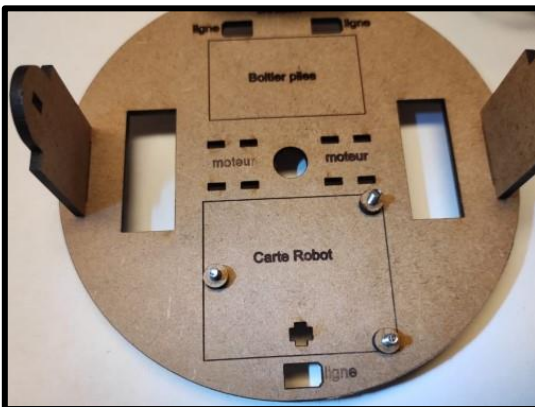
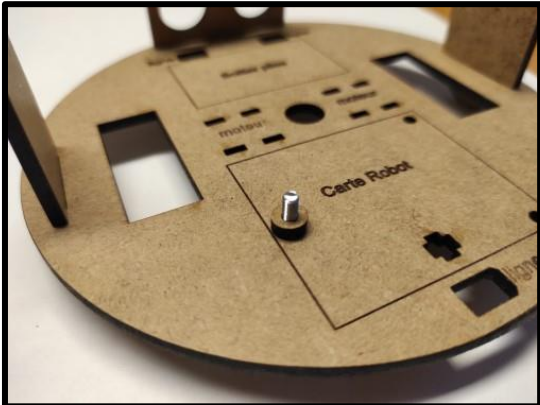
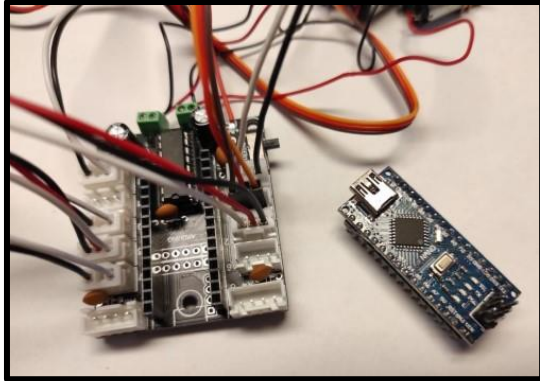


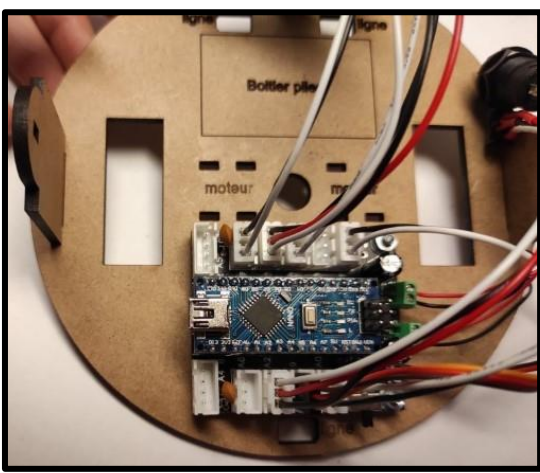
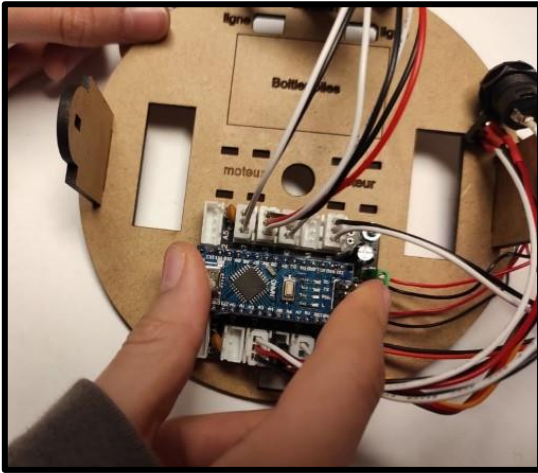
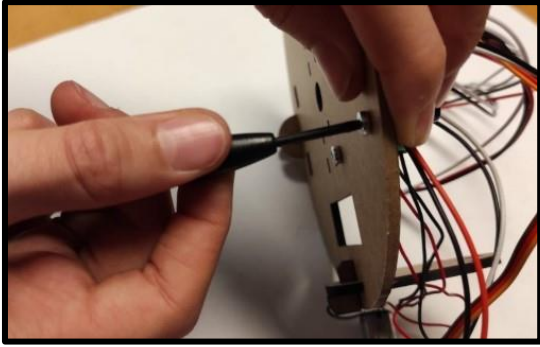
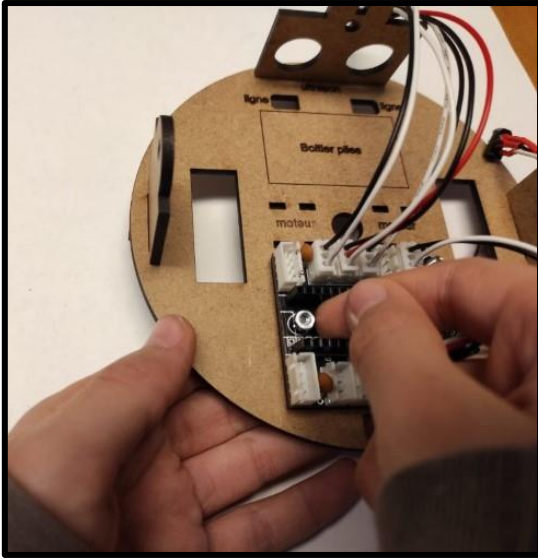
La carte électronique

Matériel :

- ✓ Carte électronique
- ✓ 3 boulons
- ✓ 3 rondelles découpées
- ✓ Tournevis

Note :



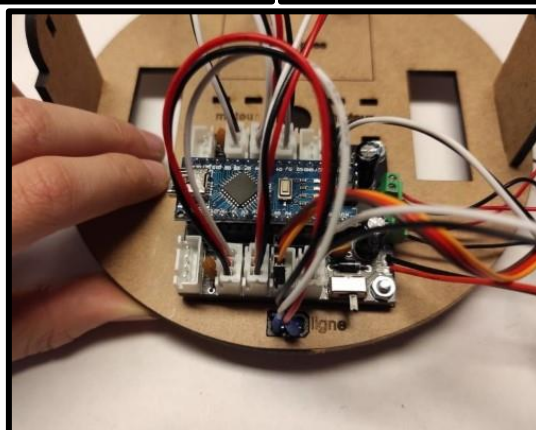
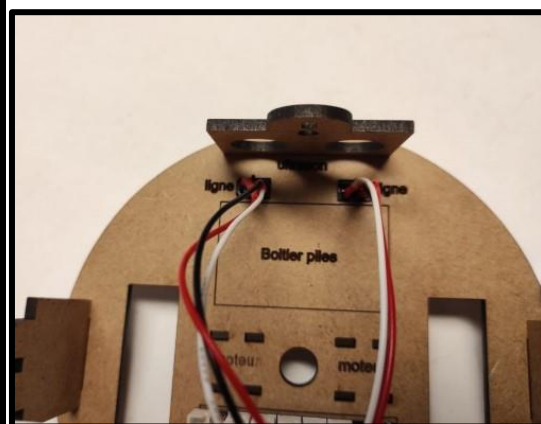
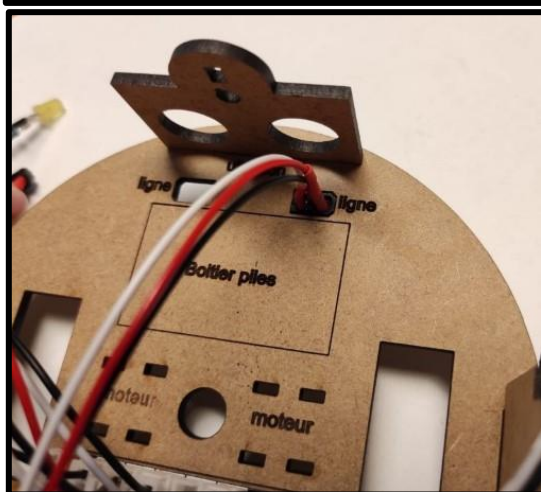
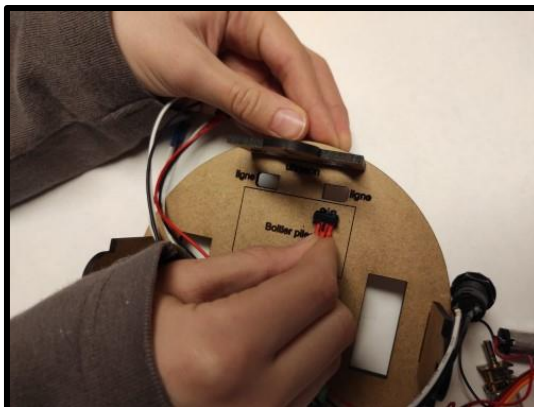


Les capteurs de lignes

Matériel :

✓

Note :

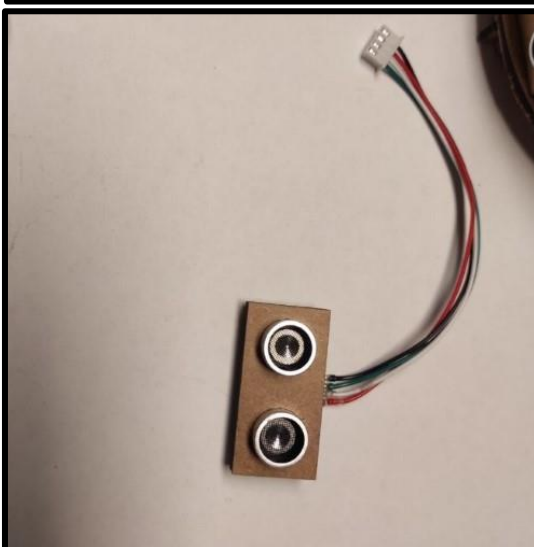
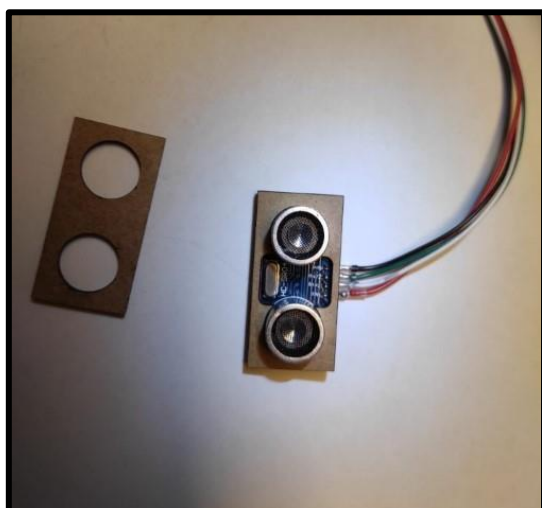
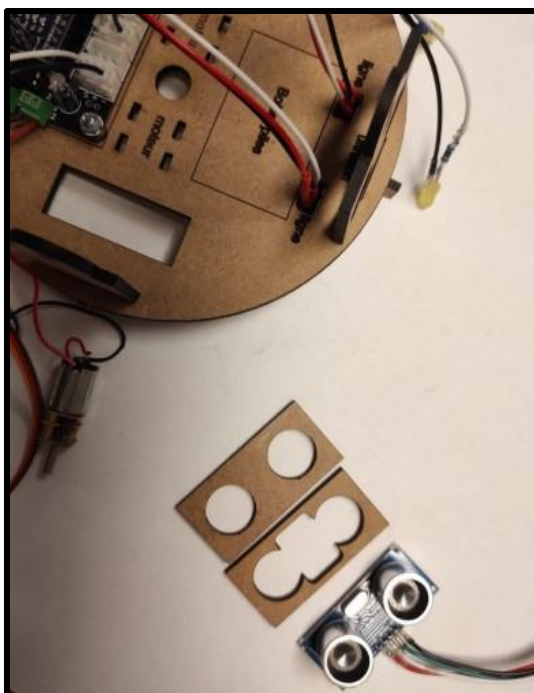


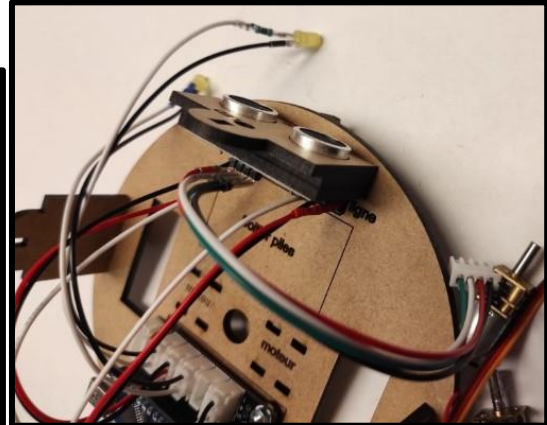
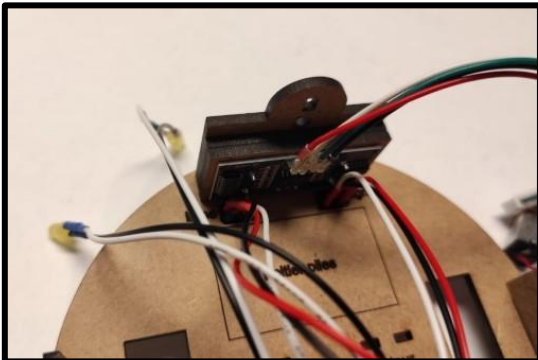
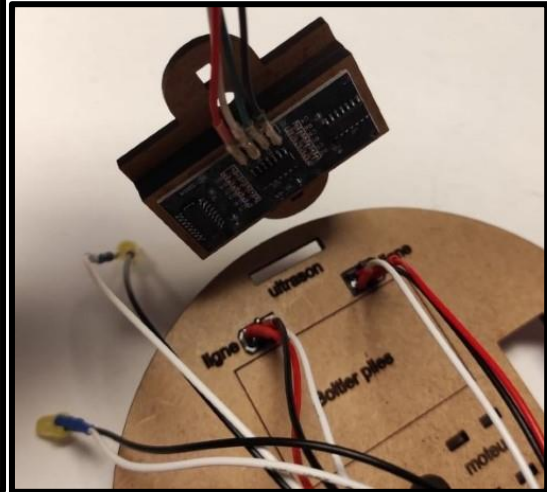
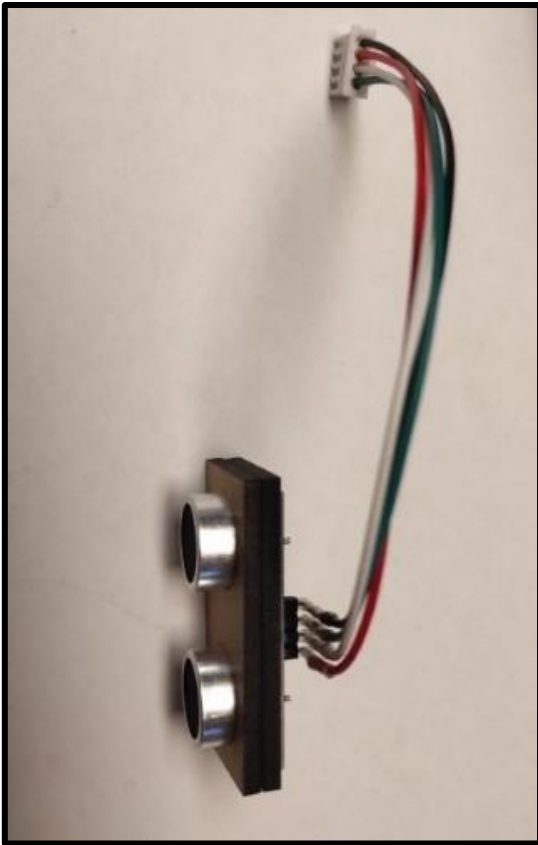
Le capteur ultrason

Matériel :

✓

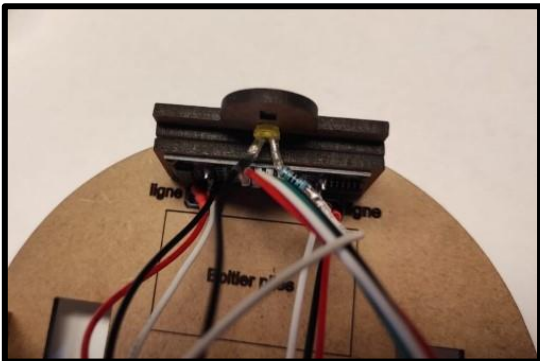
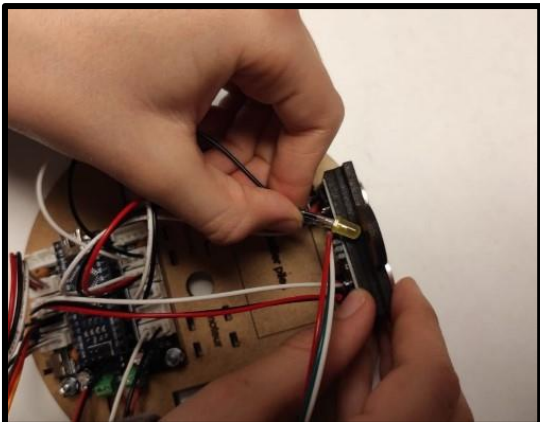
Note :





La LED avant

Matériel :
✓



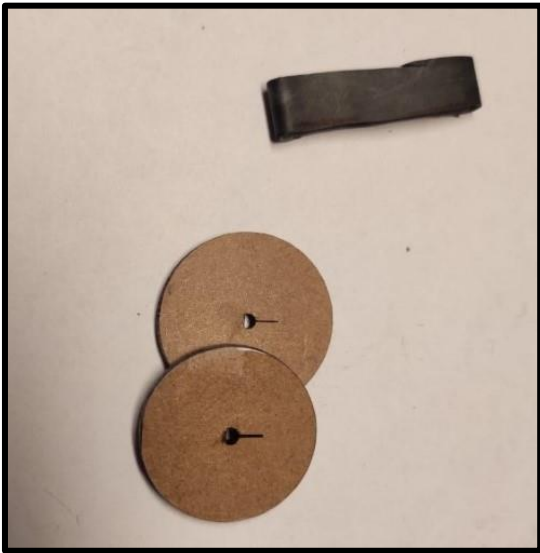
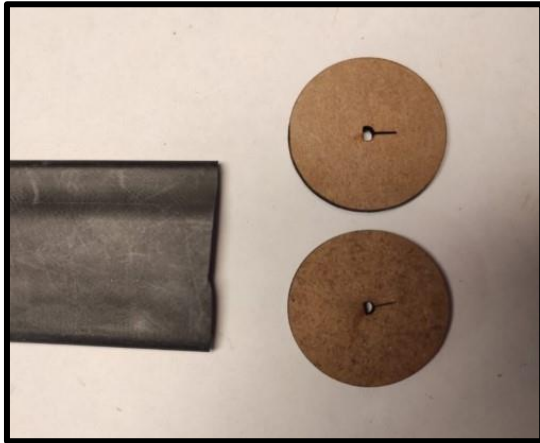
Les roues

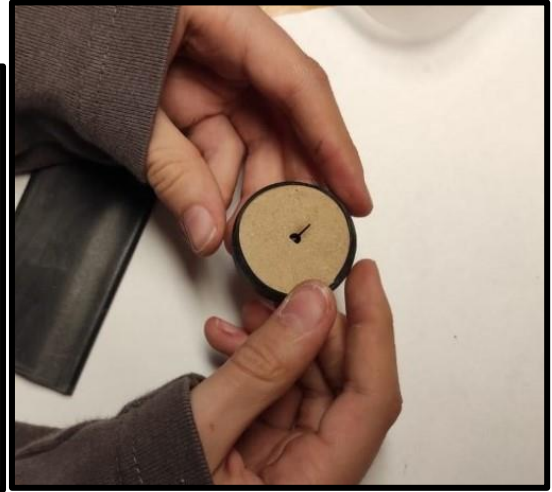
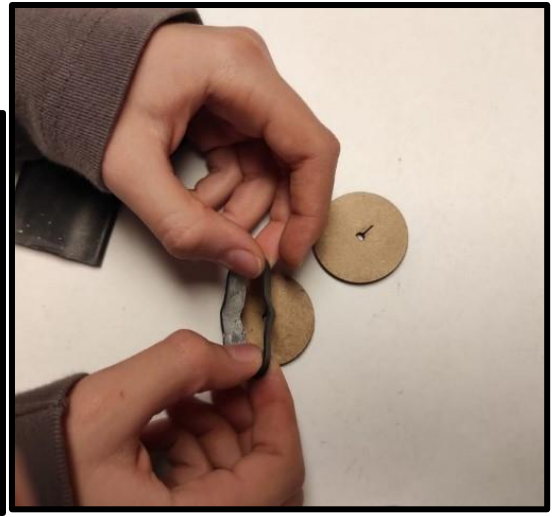
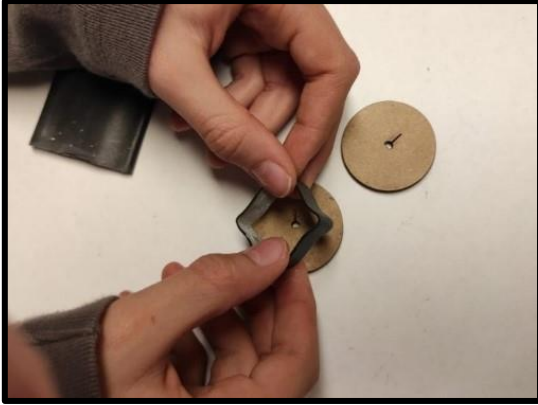
Matériel :

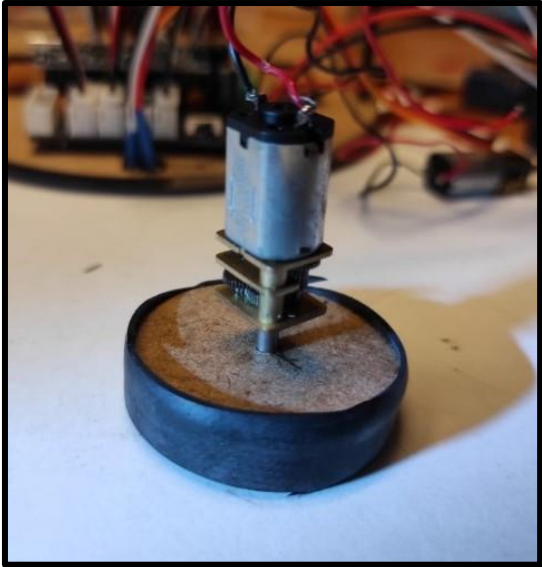
- ✓ Chambre à air de vélo
- ✓ Ciseaux

Note :

Les trous des roues en bois doivent être parfaitement alignés avant d'enfiler la bande caoutchouc.







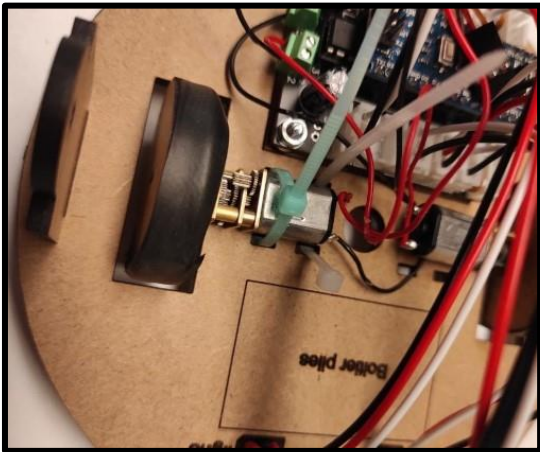
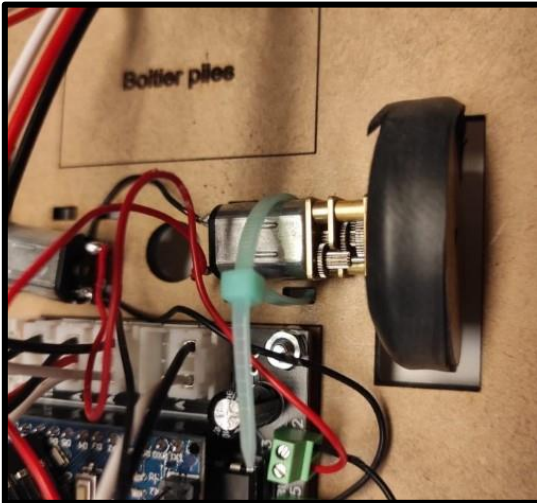
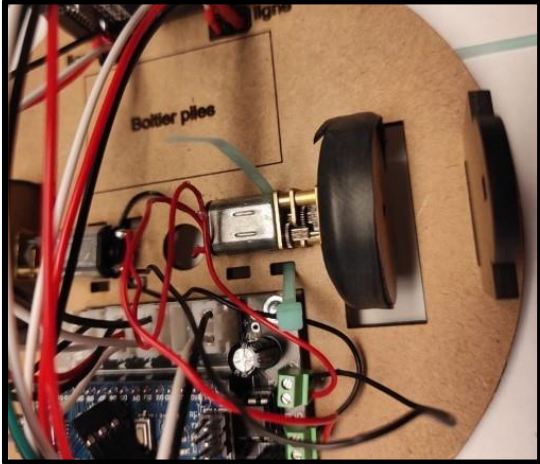
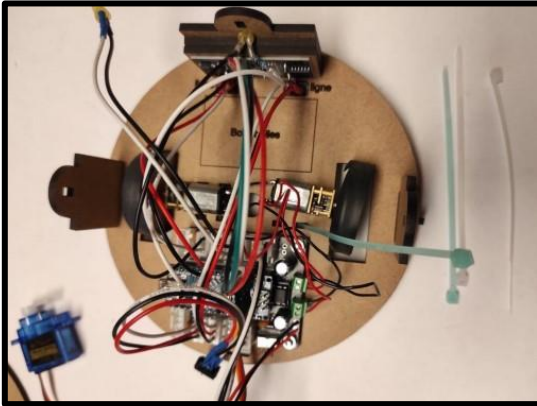
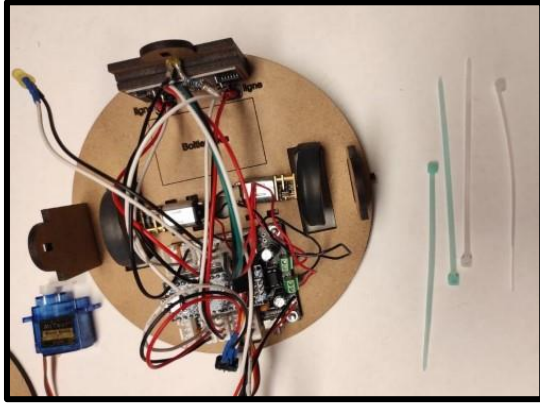
Les moteurs

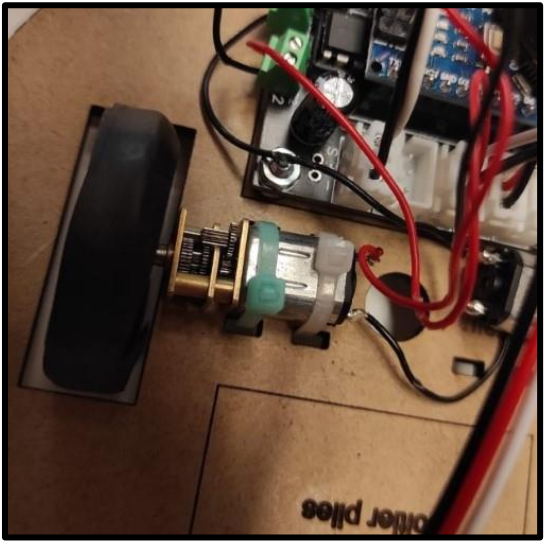
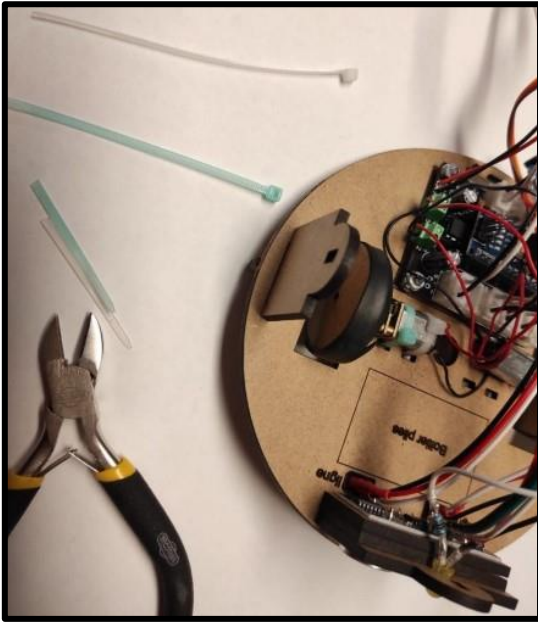
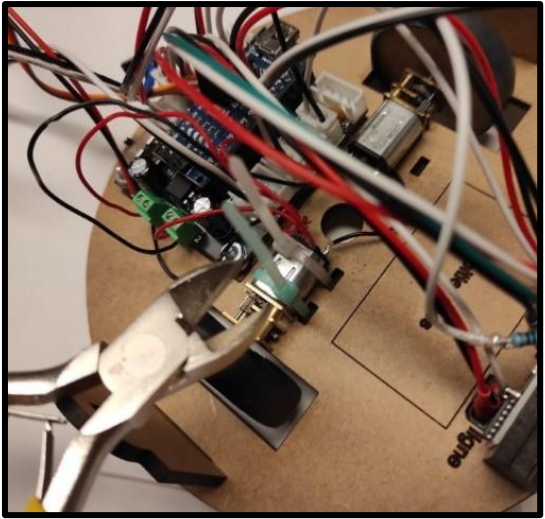
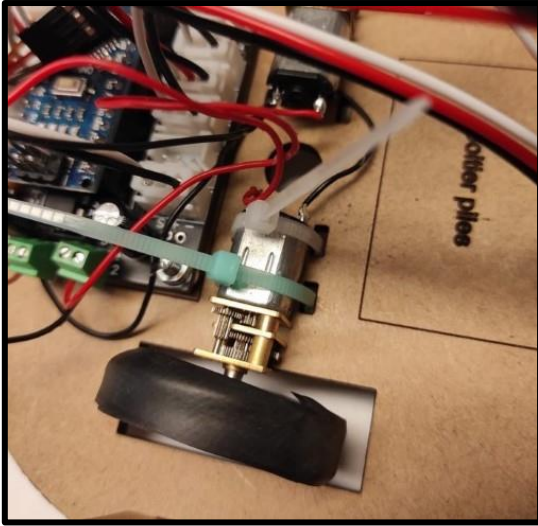
Matériel :

- ✓ Colliers plastiques
- ✓ Pince coupante ou ciseaux

Note :

Plus les colliers sont serrés, moins les moteurs bougent.



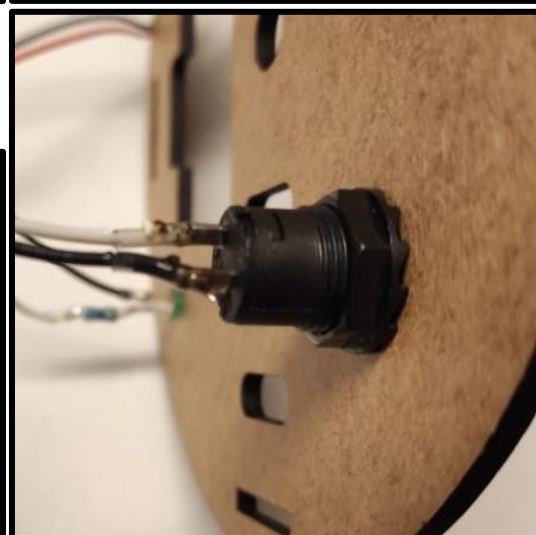
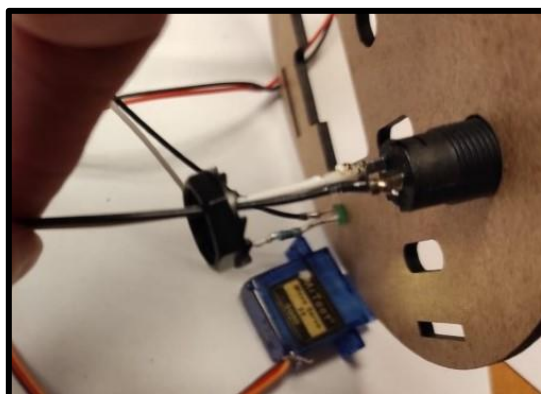
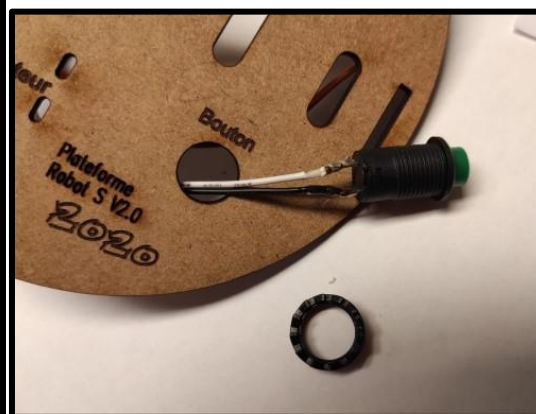


Le bouton

Matériel :

- ✓ Plaque supérieure

Note :

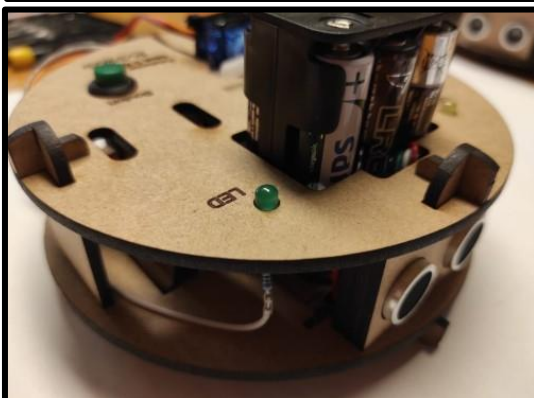
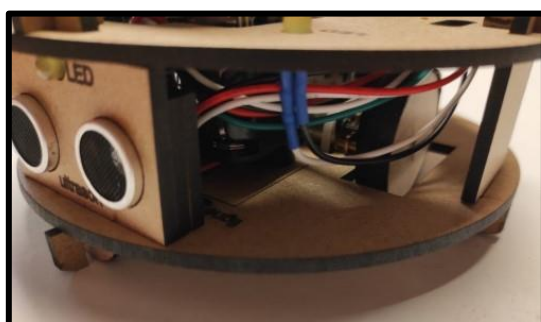
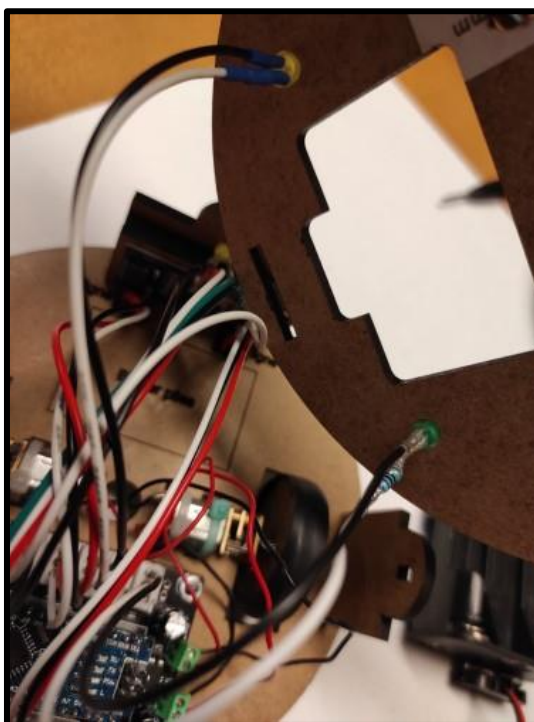


Les LED supérieures

Matériel :

✓

Note :



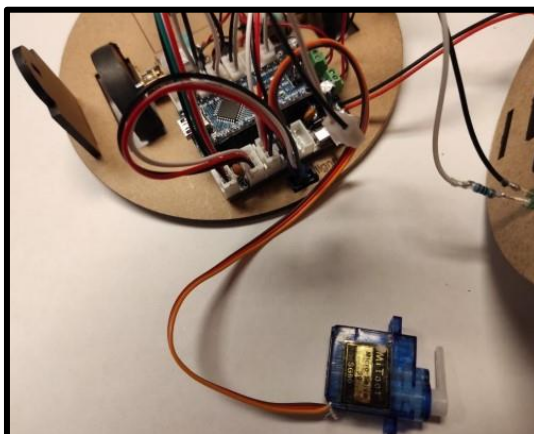
Le capot

Matériel :

✓

Note :

Comme on ne le voit pas sur la photo, fixer la plaque supérieure à la partie du châssis déjà monté.



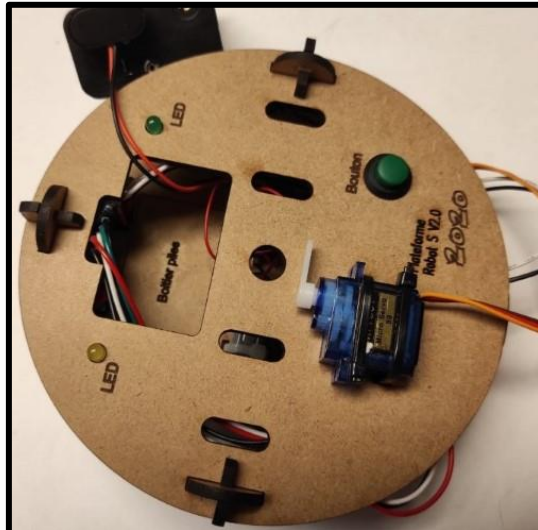
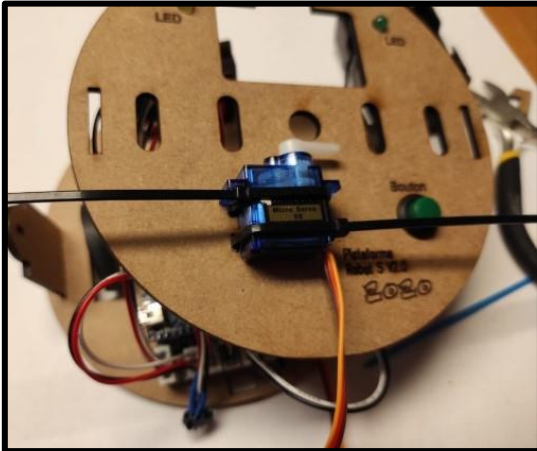
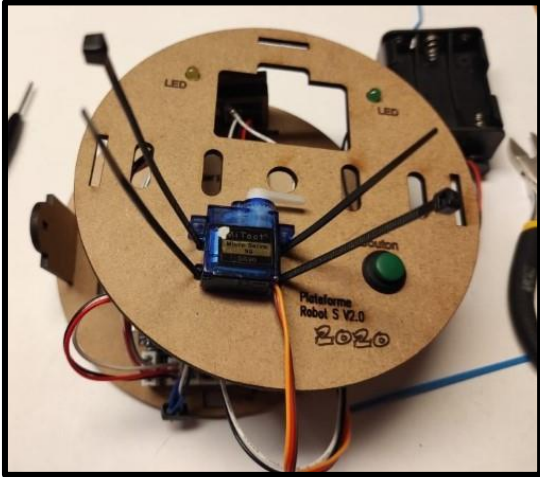
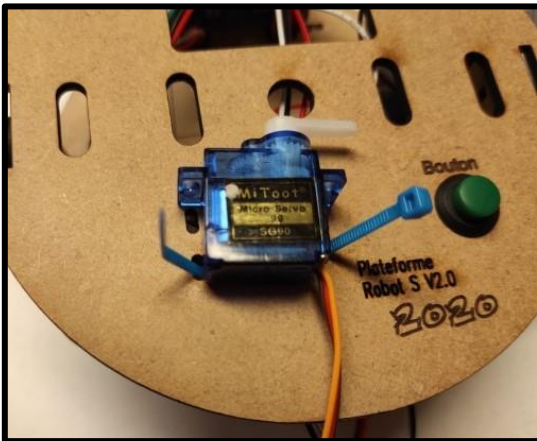
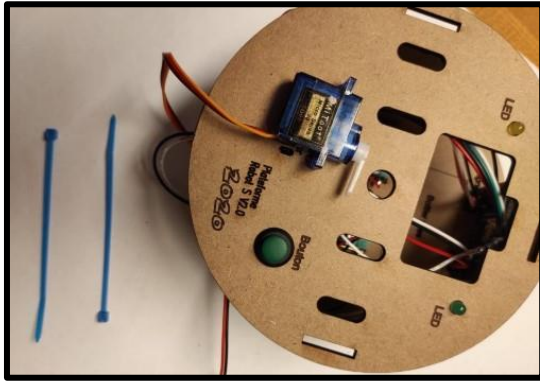
Le servo

Matériel :

✓

Note :

Le bras du servomoteur peut se visser avec une vis fournie pour plus de solidité.

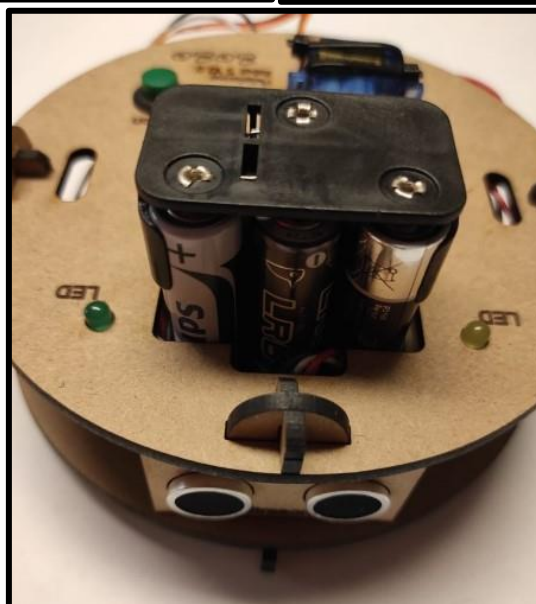
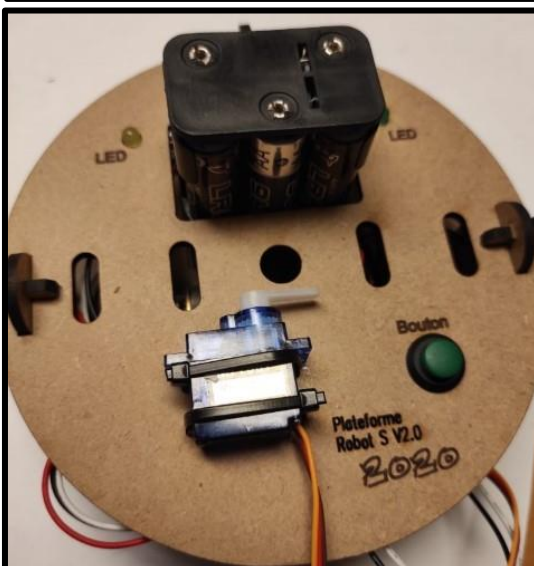
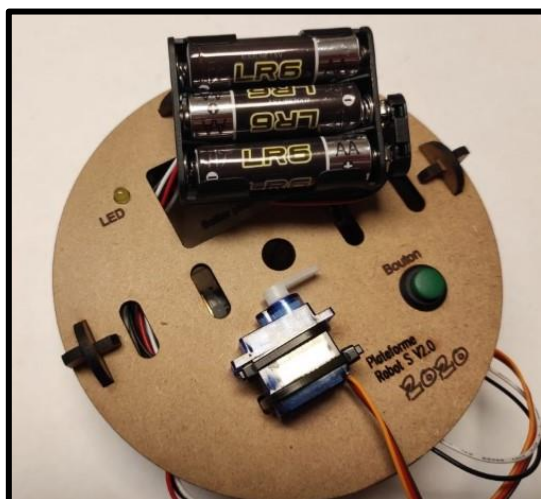
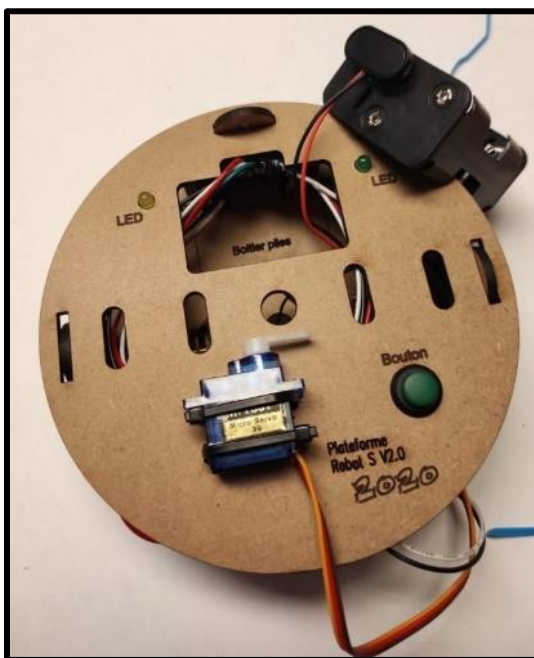


Les piles

Matériel :

✓

Note :



Le crayon

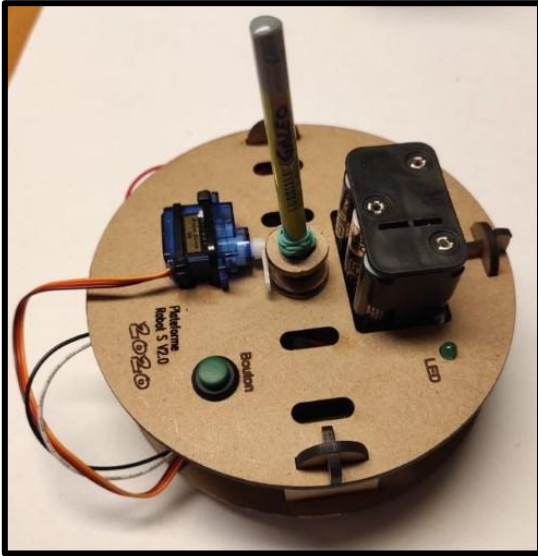
Matériel :

- ✓ Elastiques
- ✓ Crayon

Note :

Les cercles peuvent être collés entre eux avec de la colle à bois ou un bâton de colle d'écolier (genre UHU). Ça fonctionne bien. Si le support à crayon ne se place pas bien vous pouvez directement accrocher le crayon au servo moteur avec les élastiques





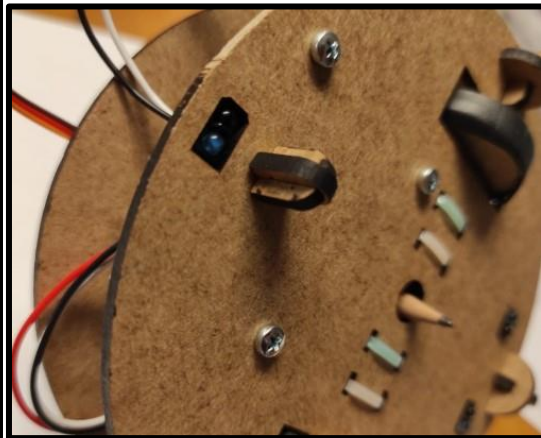
La roue folle

Matériel :

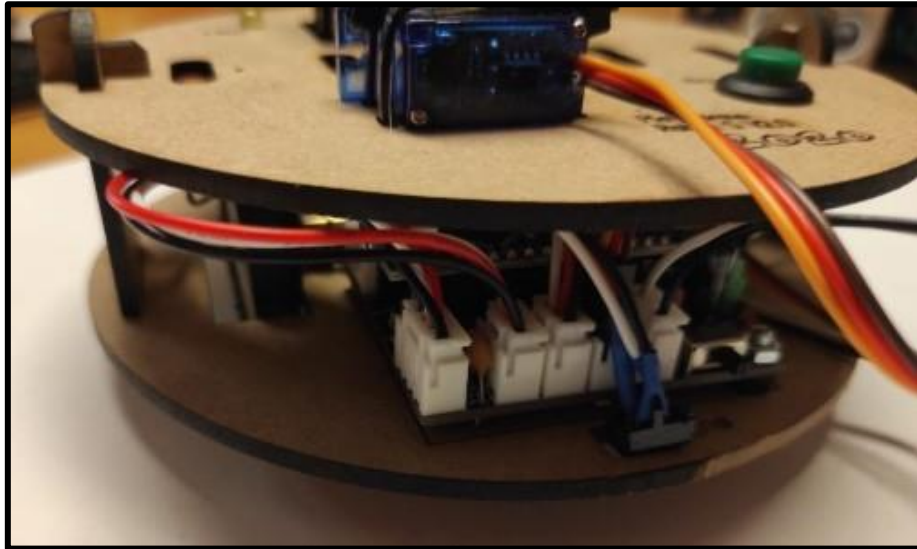
- ✓ Colle (optionnelle)

Note :

La roue sur les photos est plus grande que celle que vous avez entre les mains. C'est pour mieux comprendre... En fait, c'était une erreur de découpe 😊



Bravo !



Bonus

Matériel :

- ✓ Attache métallique
- ✓ Pince

Note :

Avec les pièces qui n'ont pas encore été utilisées vous pouvez fabriquer un porte clé.