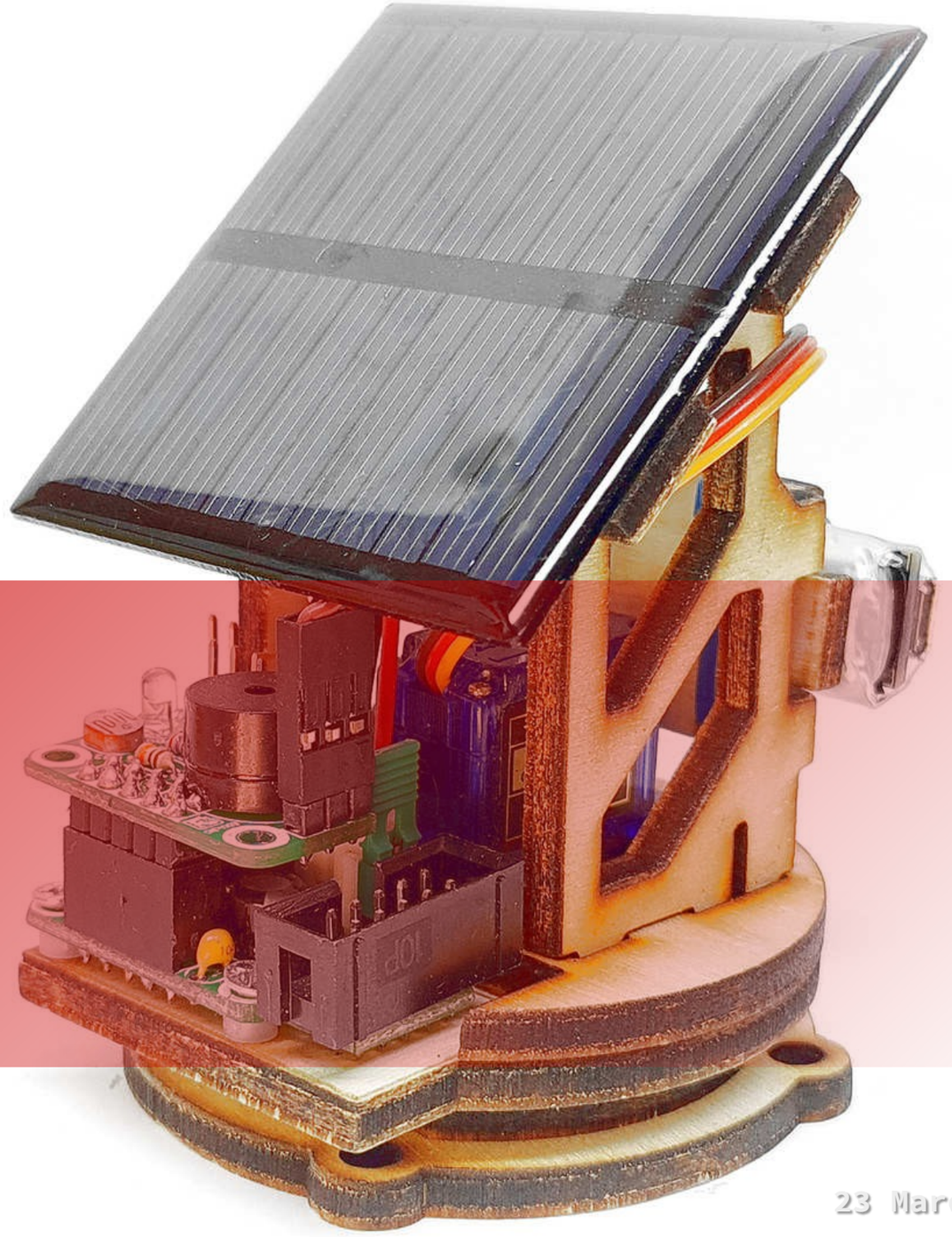
Step-by-step guide
how to assemble your
Tinusaur Solar Pod LT



Tinusaur
Solar Pod LT

Gen:4 mk-I

23 March 2026

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IMPORTANT

This is a preliminary user guide on how to assemble your **Solar Pod** project kit.

This collection of images might be slightly different from your kit.

If you are not sure what to do, don't hesitate to get in touch with us for assistance.

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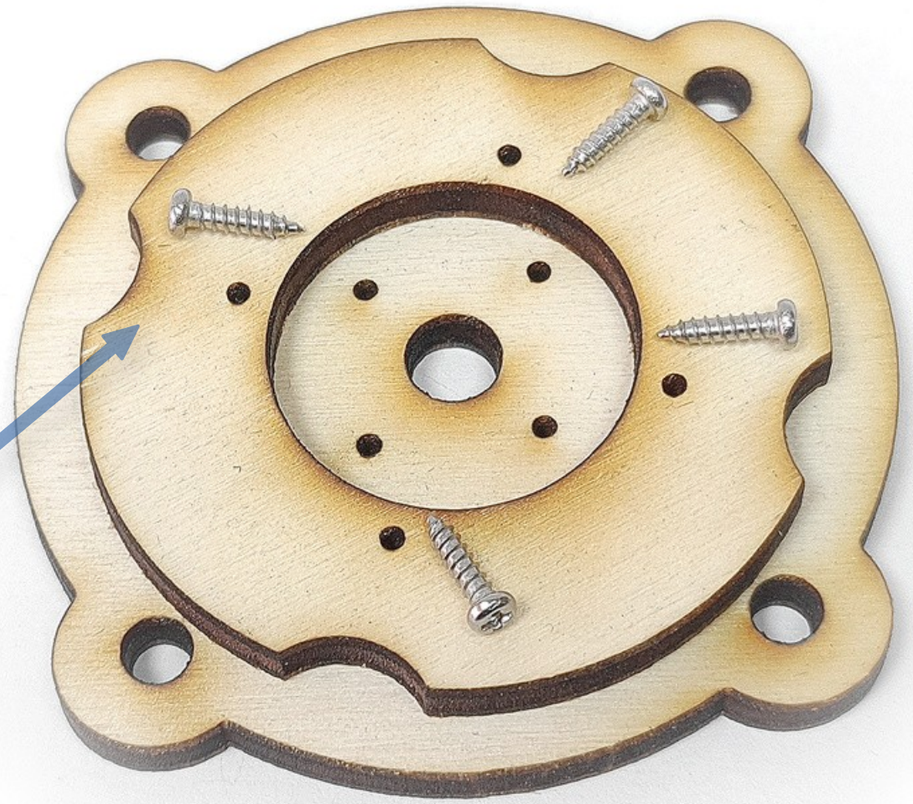
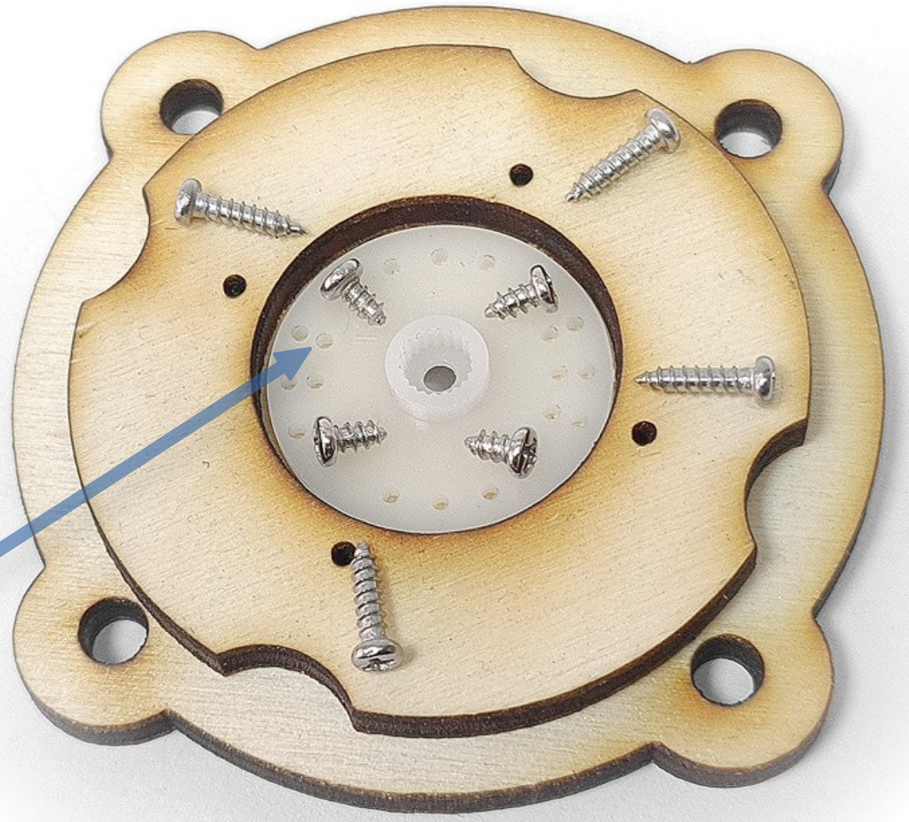
Base for Servo Motor



4 screws
2 x 8 mm

Base for Servo Motor

- Use the screws to fix the white circular servo lever (arm) to the wooden plate.



4 screws
2 x 4 mm

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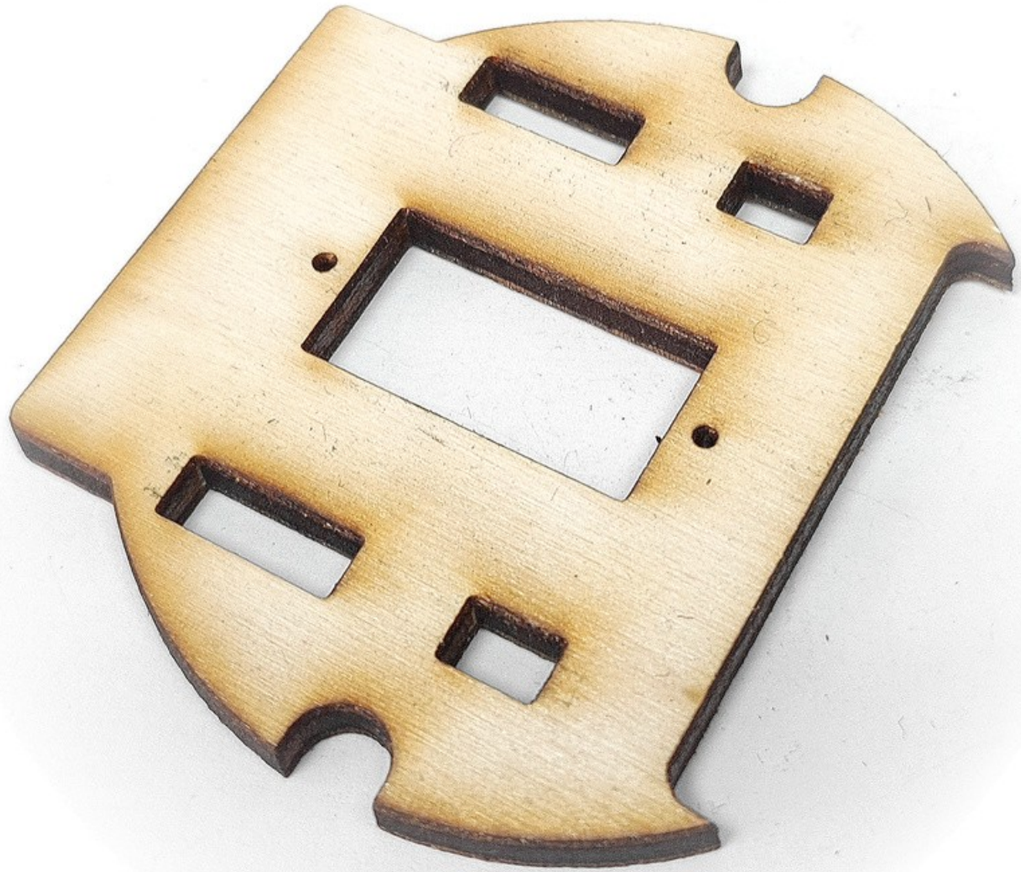
Base for Servo Motor



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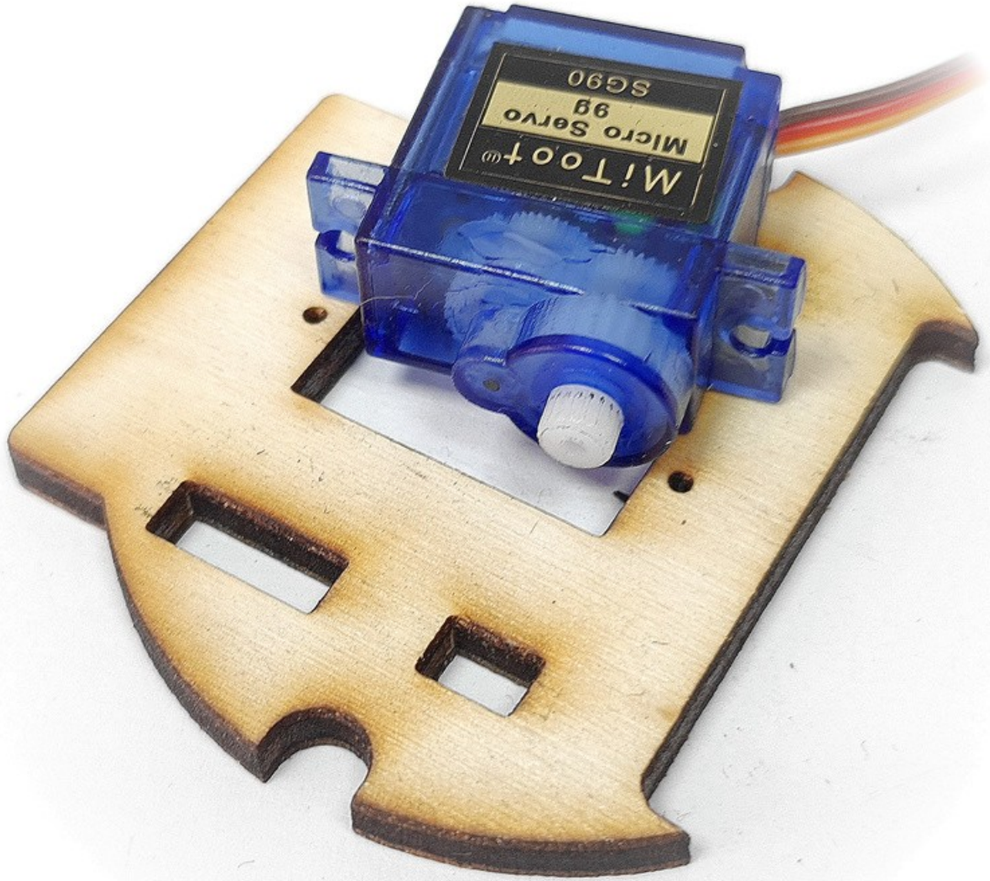
Base for Servo Motor



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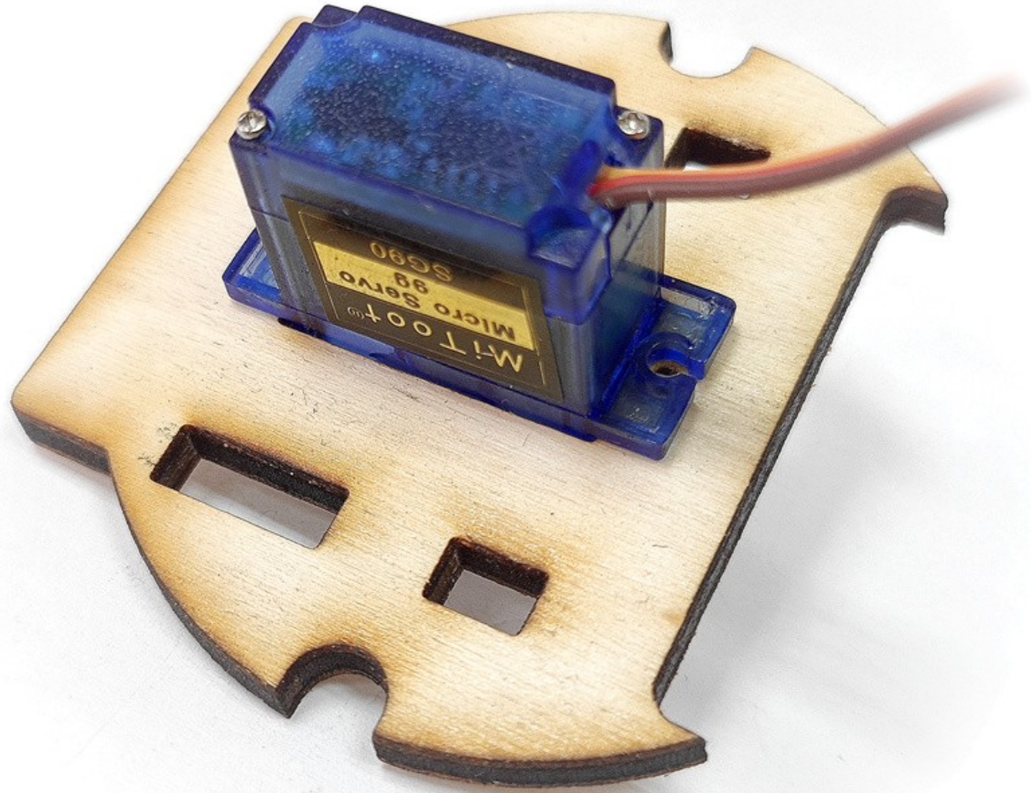
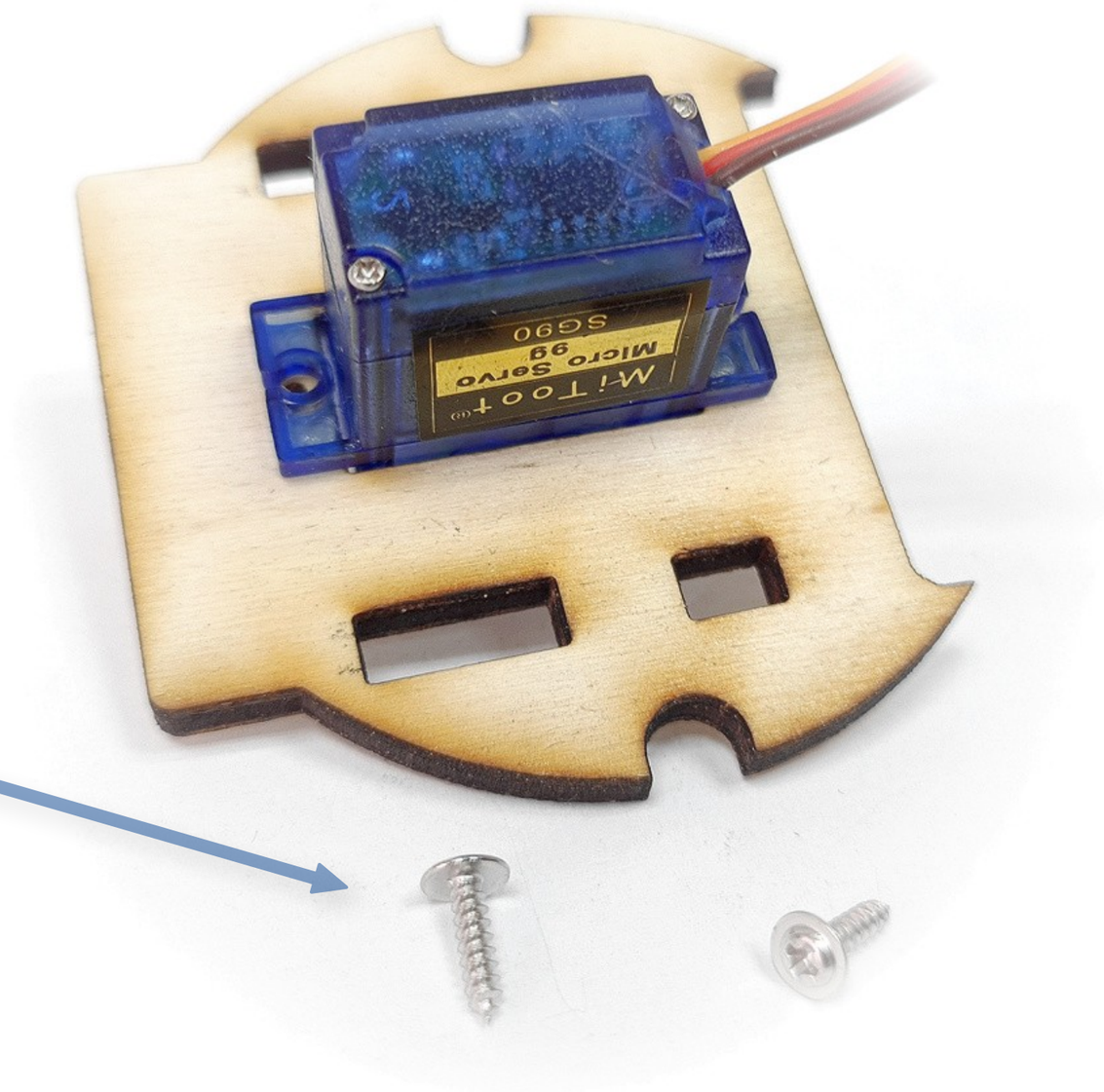
Base for Servo Motor



Base for Servo Motor

- Use the 2 screws that come with the servo to fix it to the wooden plate.



2 screws
That come with
the servo

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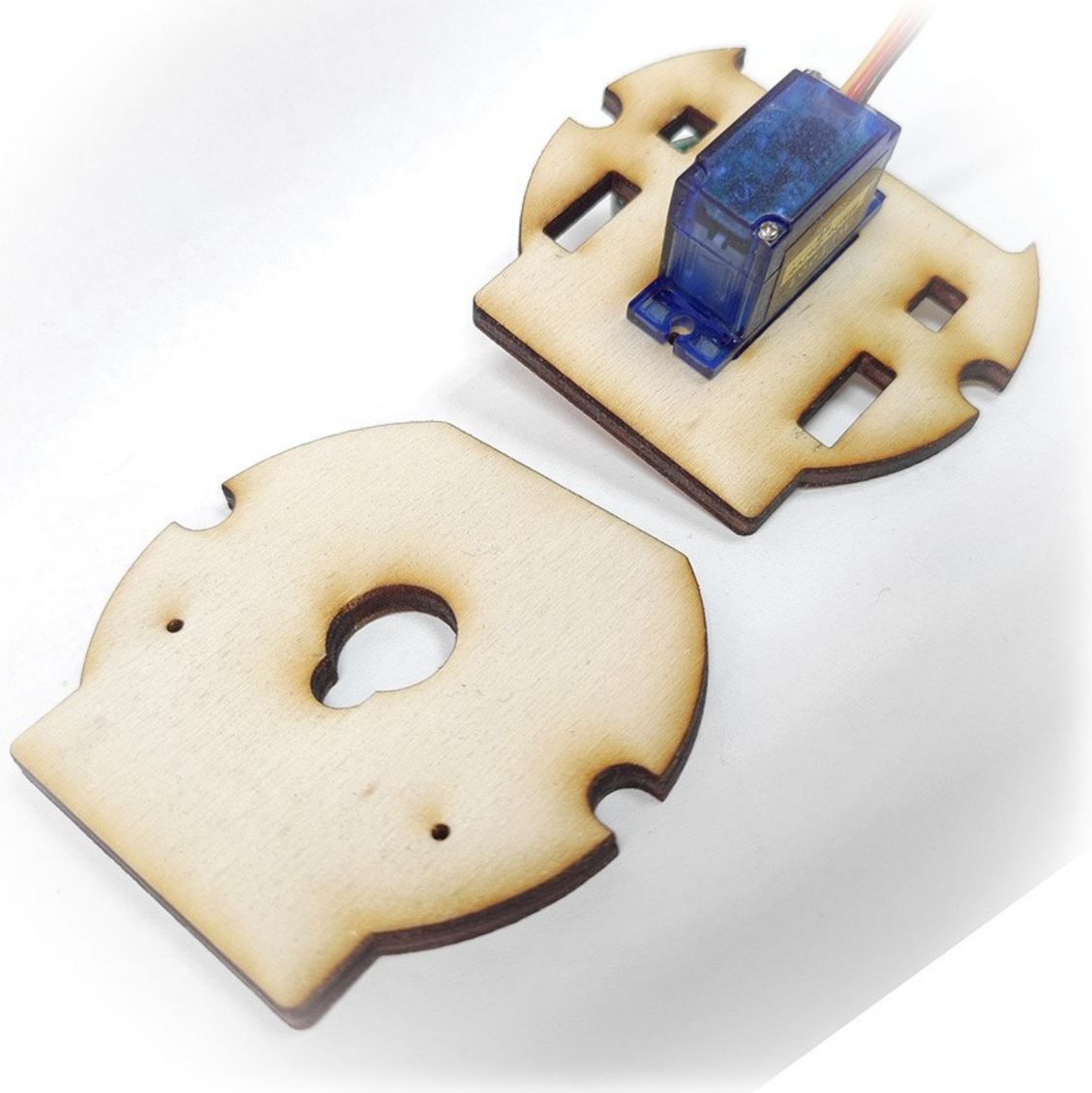
Base for Servo Motor



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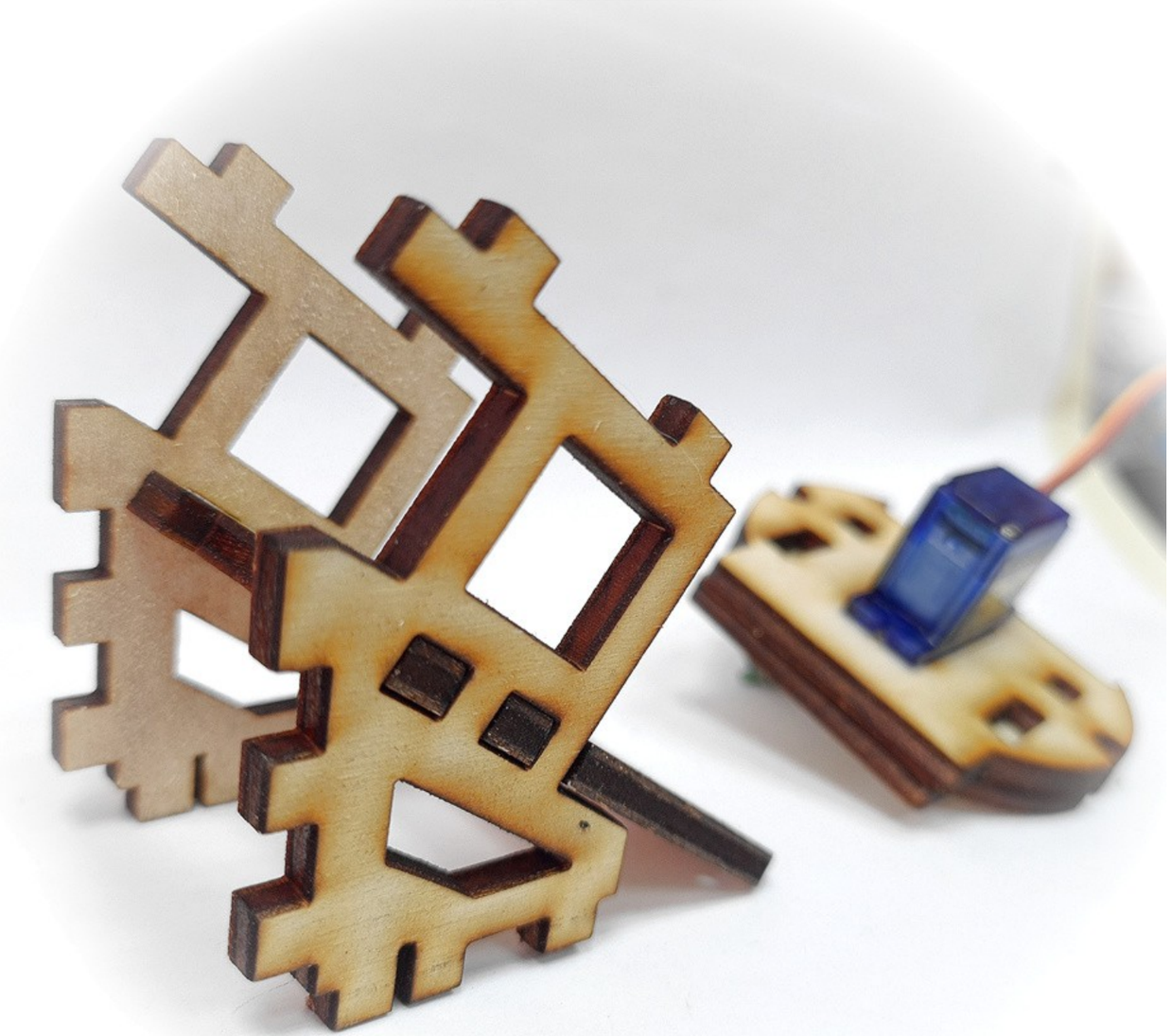
Main Frame



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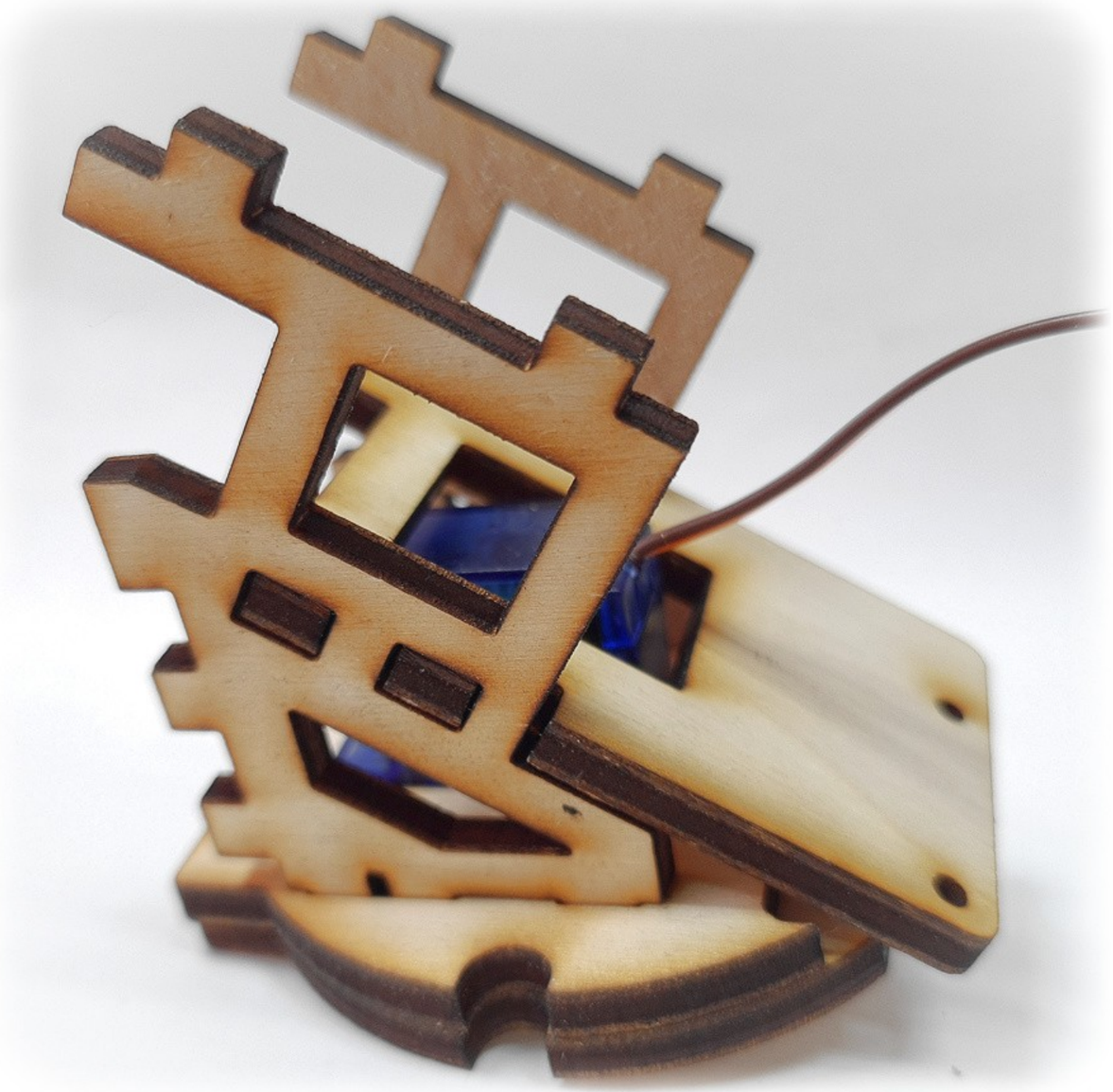
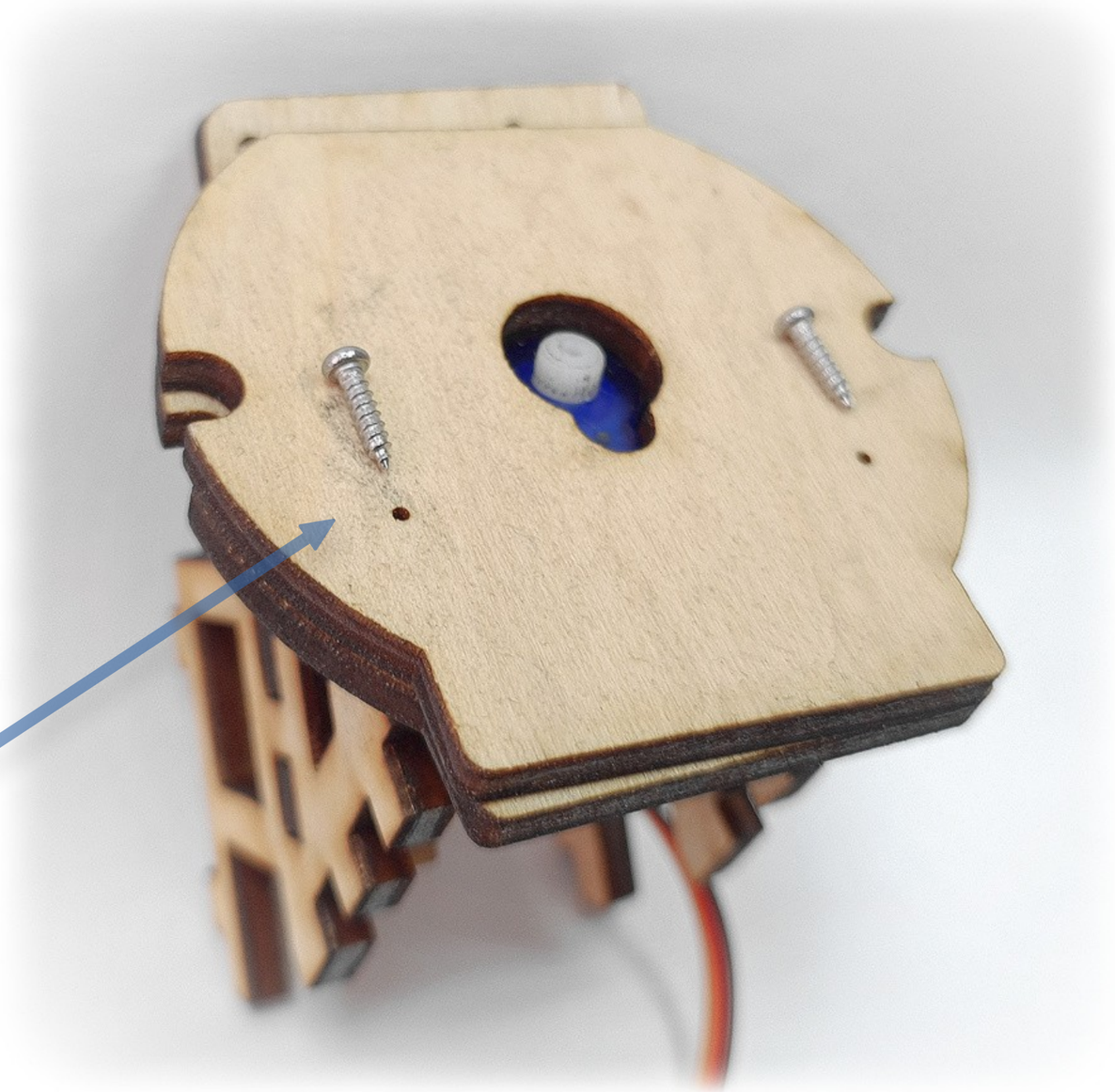
Main Frame



- These 2 screws should fix the 2 plates together and the 2 vertical plates also.
  (on the other side – see next slide)



2 screws
2 x 8 mm

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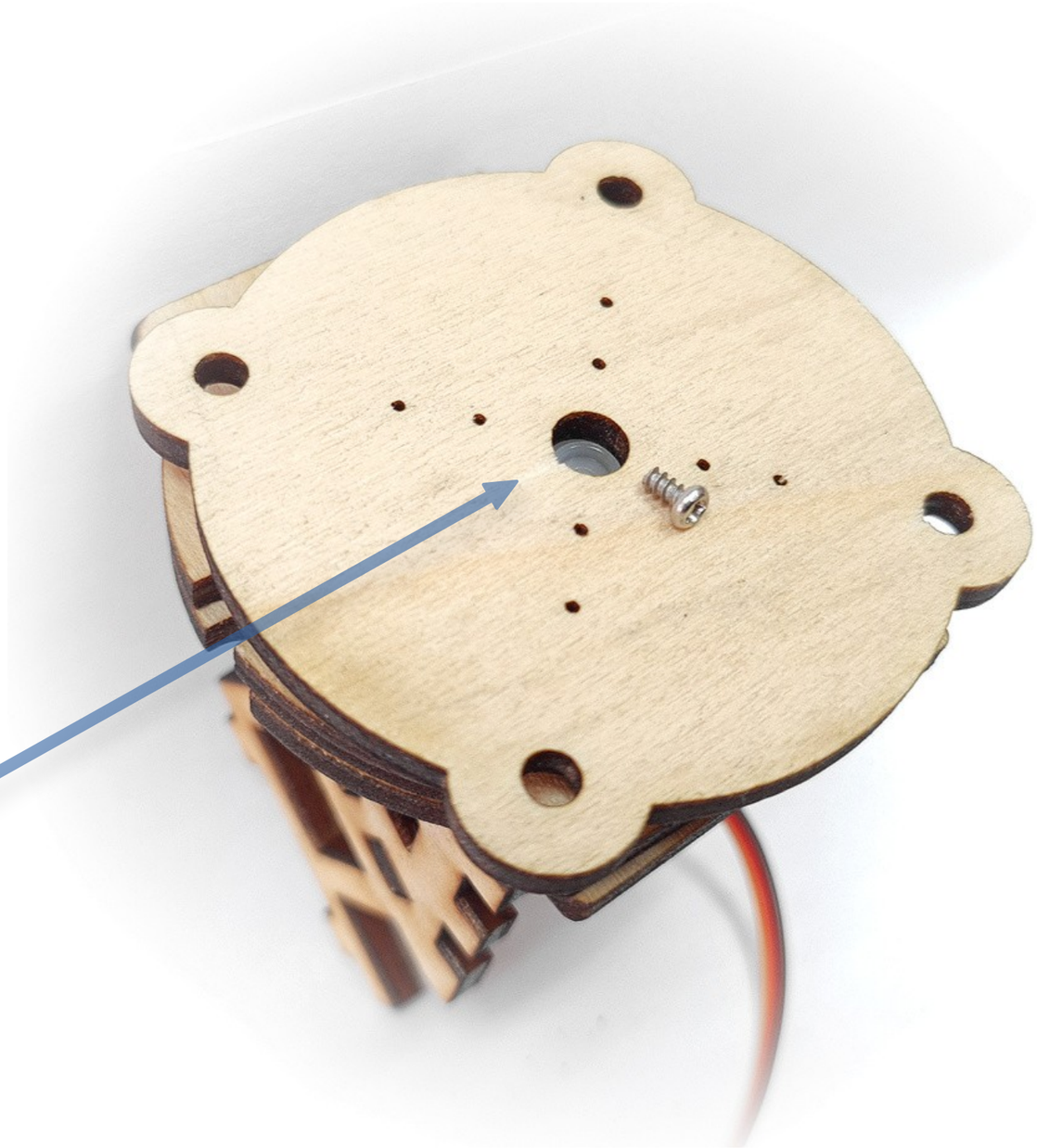
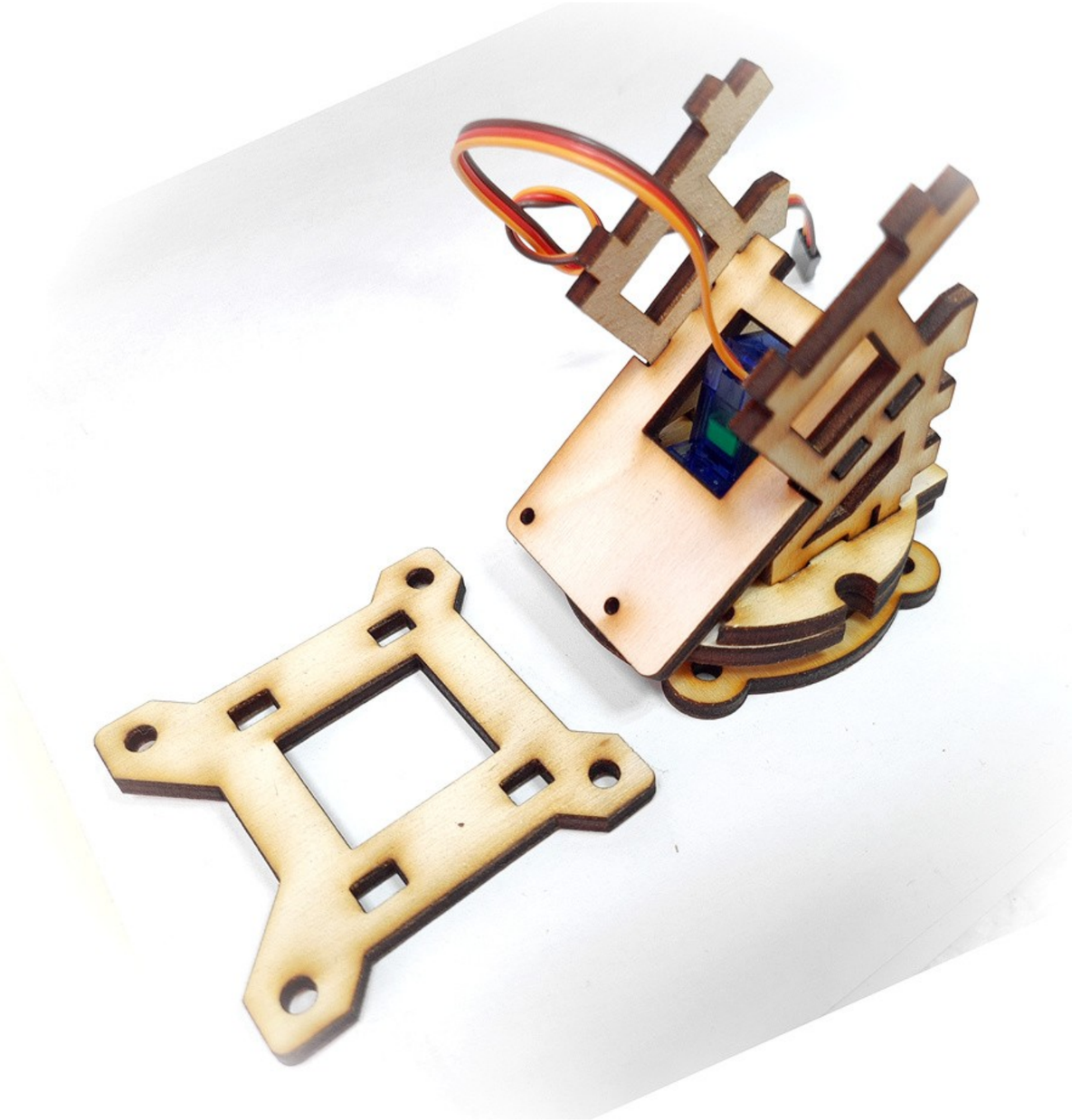
Fixing the Servo Motor



1 screw
2 x 4 mm

Solar Panel

- This is the plate for the solar cell.



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Solar Panel

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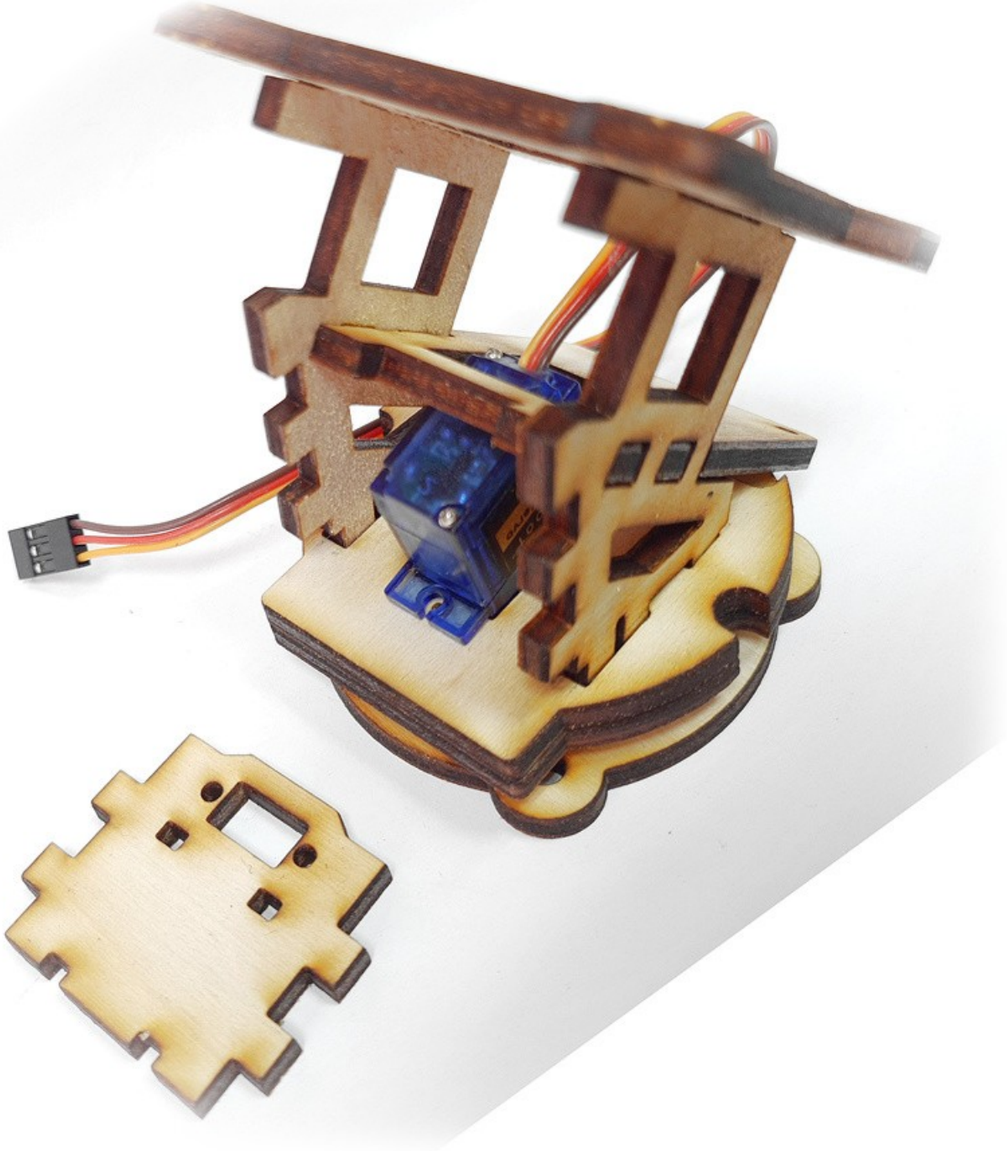
Battery Panel



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Battery Panel

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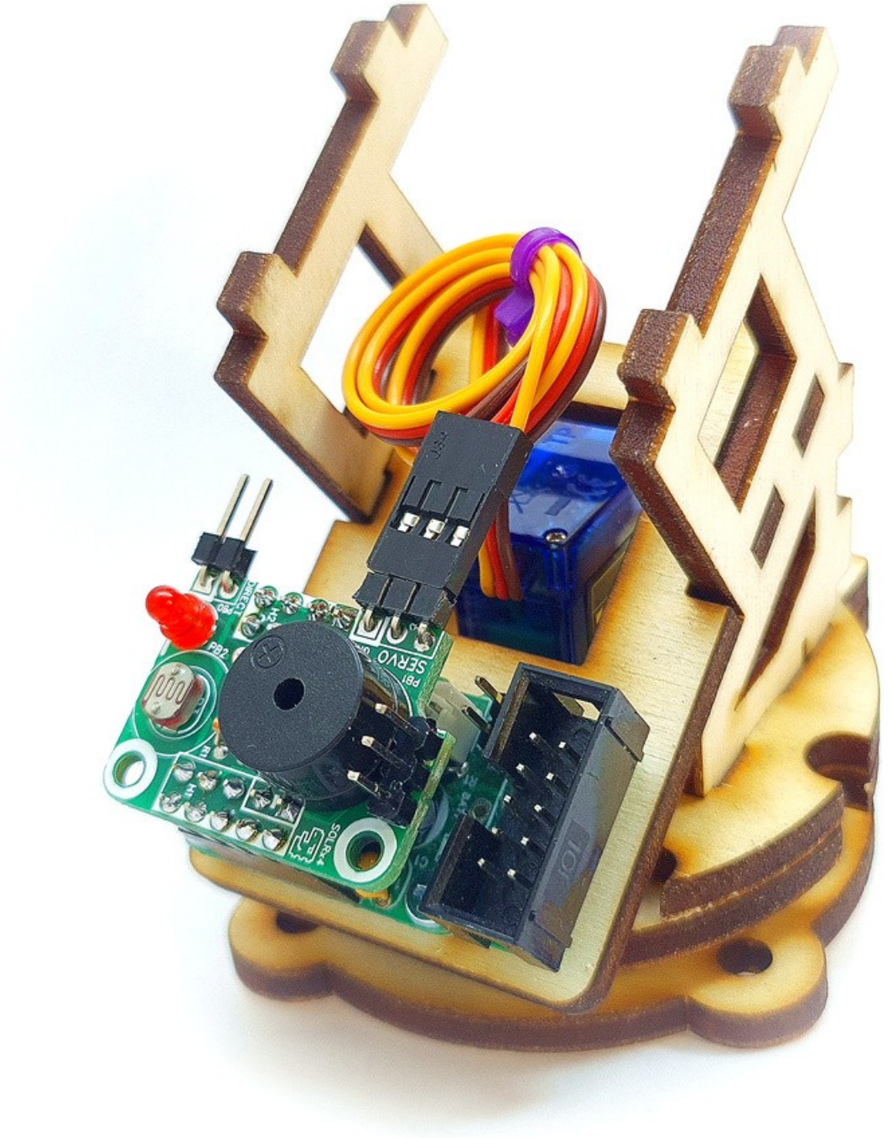
Main Board and Shield



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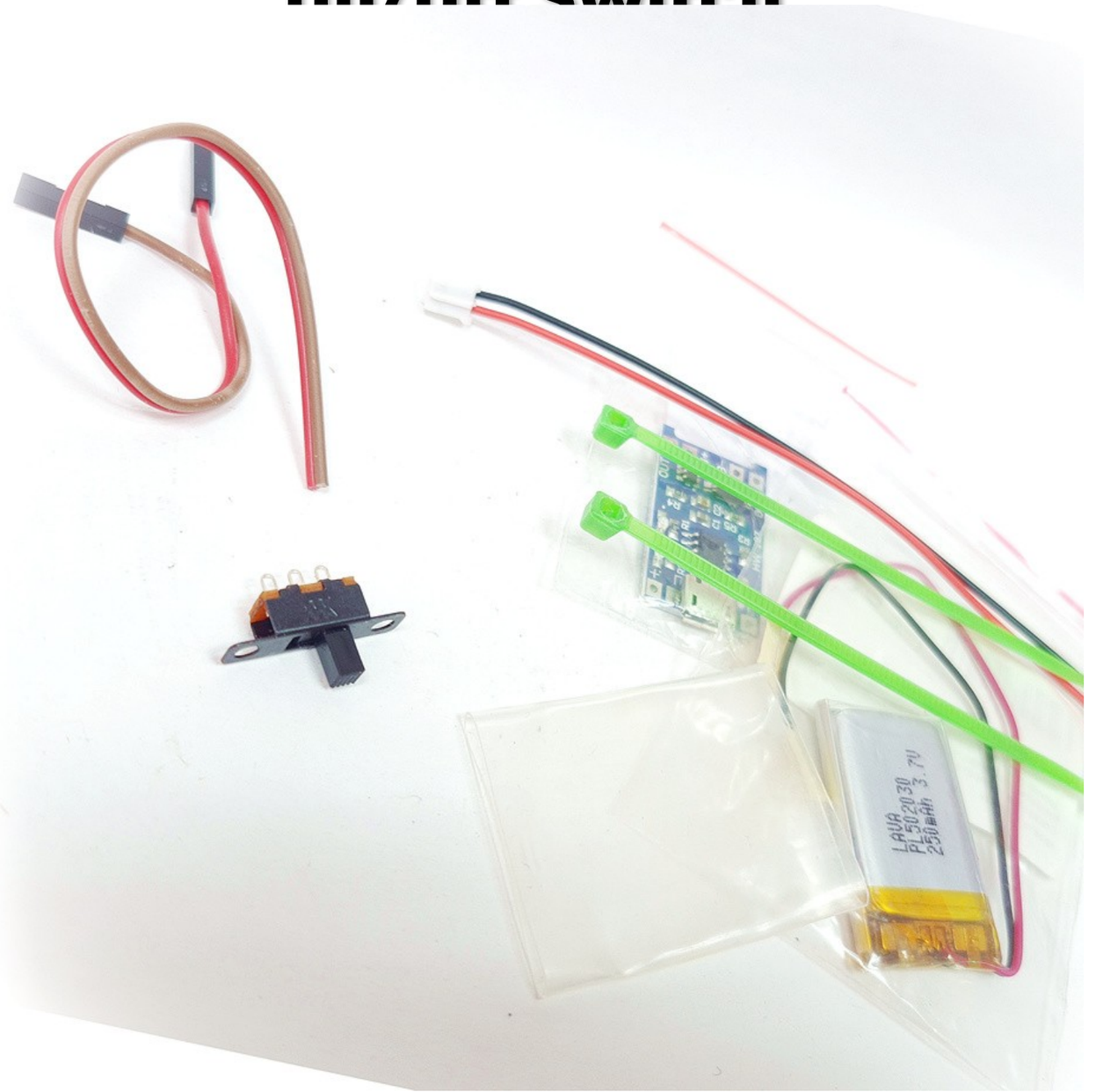
Battery Pack and On/Off Switch

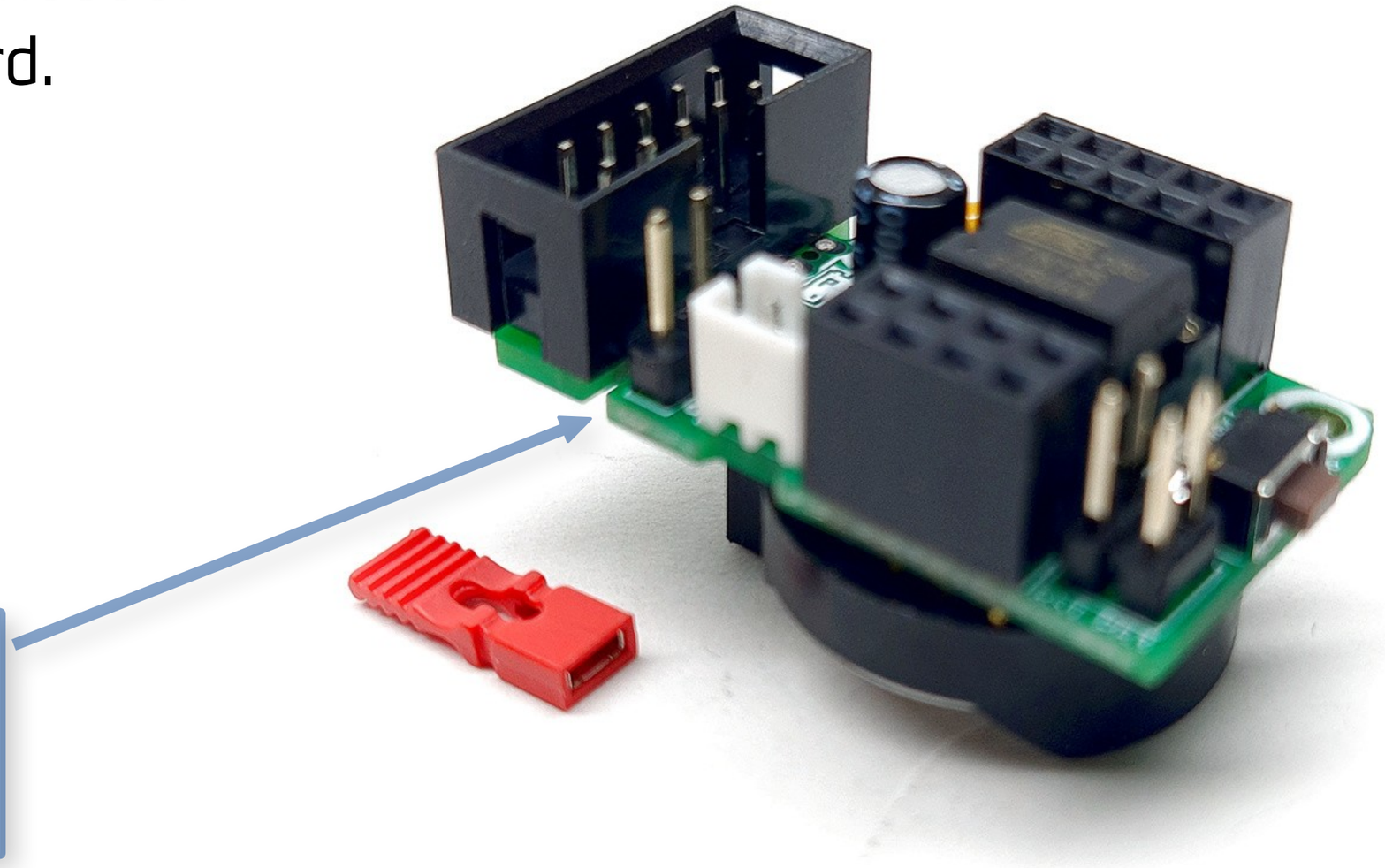


On/Off Switch

- Solder the 2 wires to the switch.
- The 2 female connectors go to the Tinusaur Main board.
  (see next slide)

Main Board

- The 2 female connectors are connected to the ON/OFF header on the Tinusaur Main board. (see previous slide)



ON/OFF header
of the Main board

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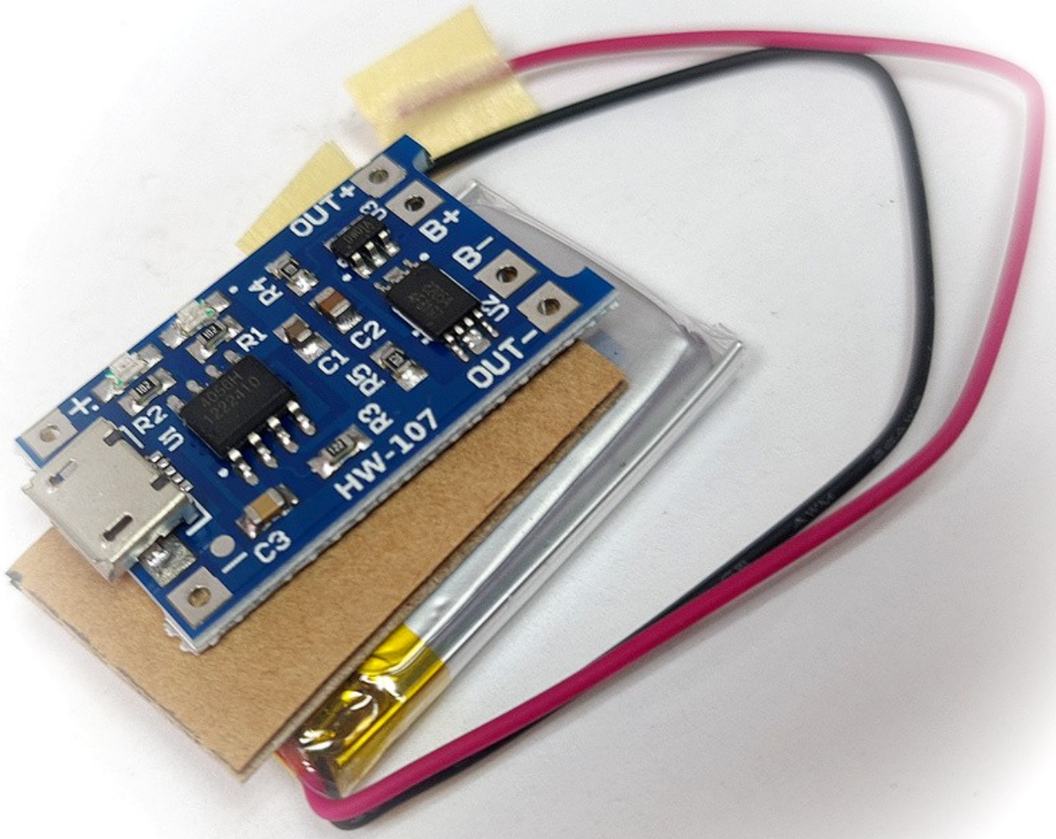
Battery Pack



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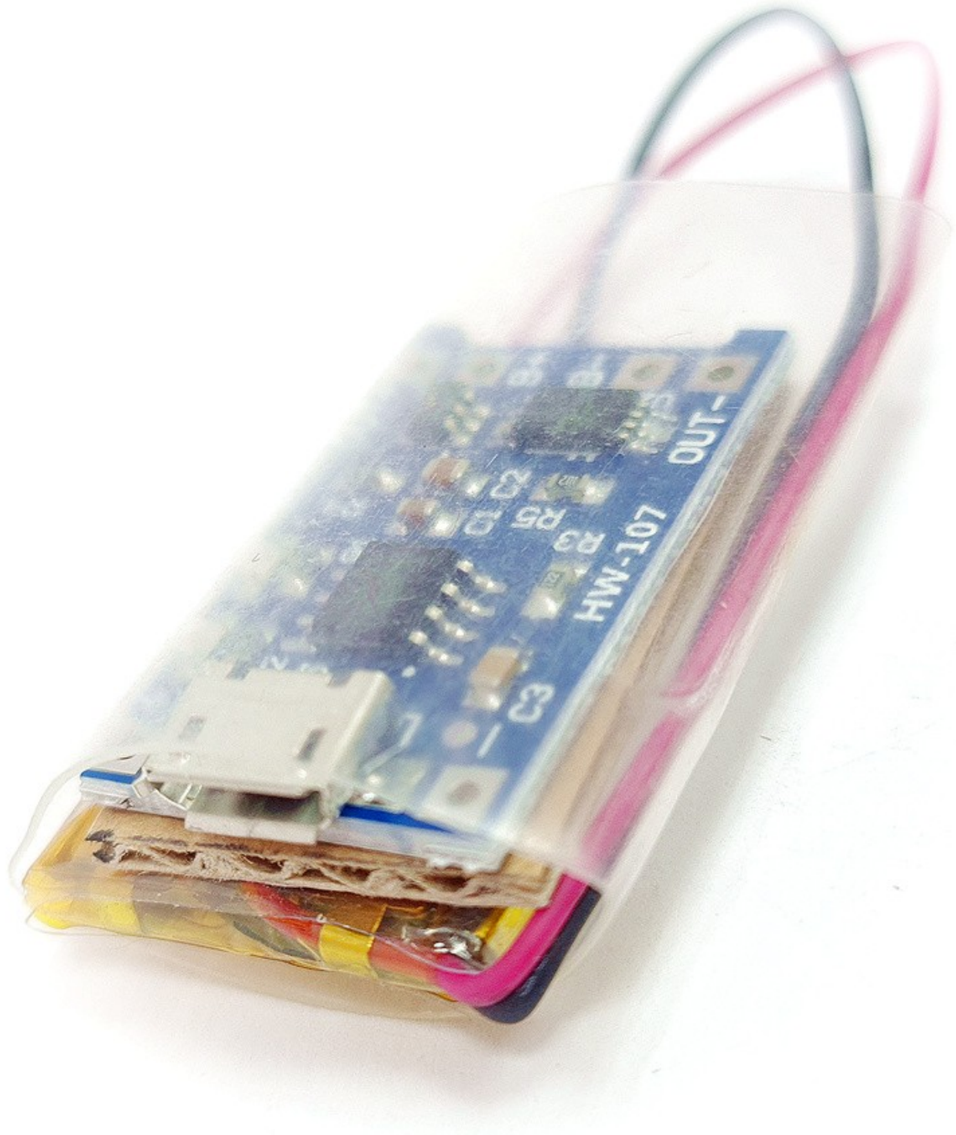
Battery Pack

- Detailed schematics on how to connect the battery pack will be available soon.

- If you are not sure what to do, contact us for assistance.



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- NOTE: This is a picture of an older version of the **Solar Pod**, and it might be different than yours. Use it only as a reference and a guide.

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Expect more information soon

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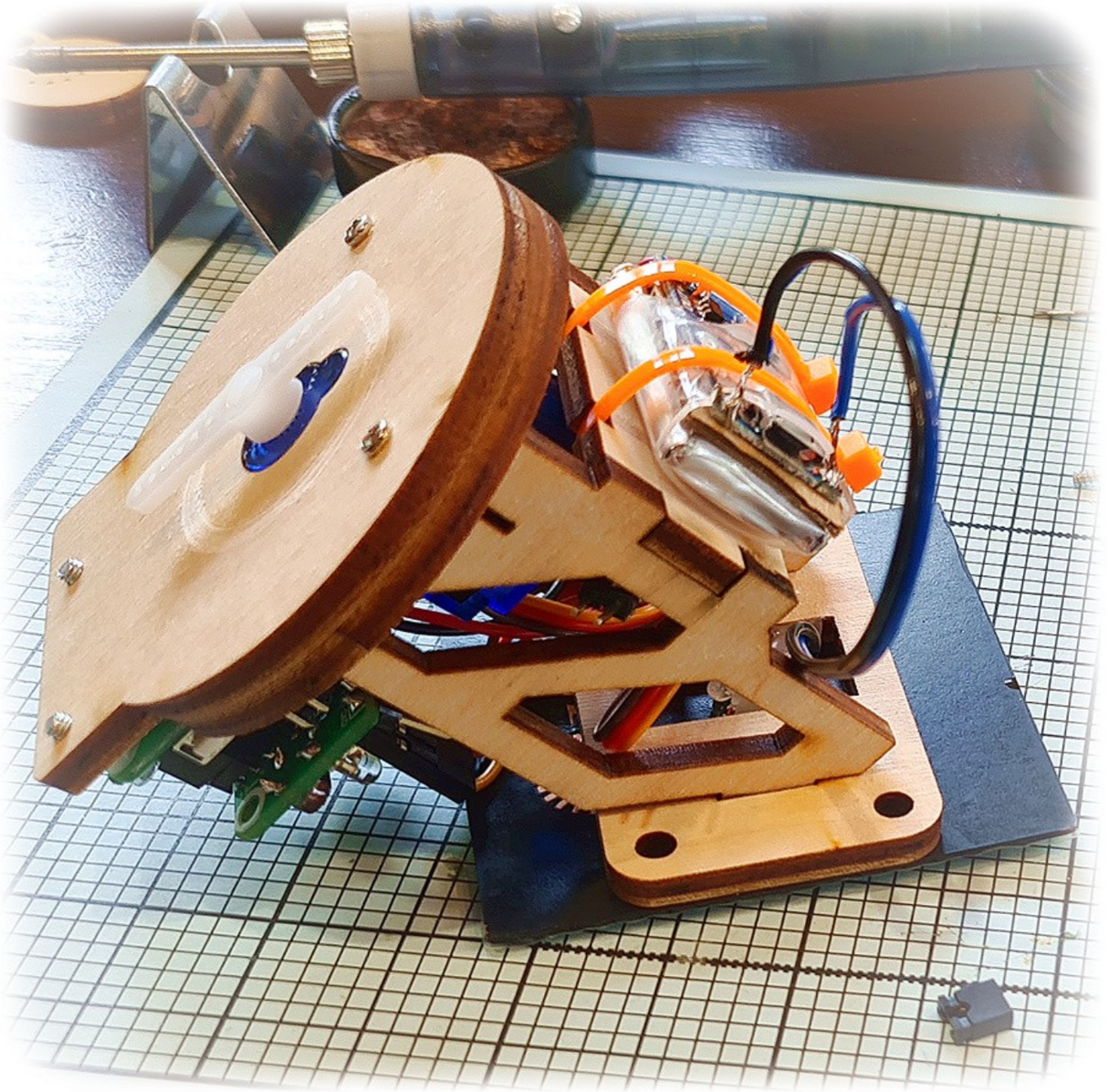

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