



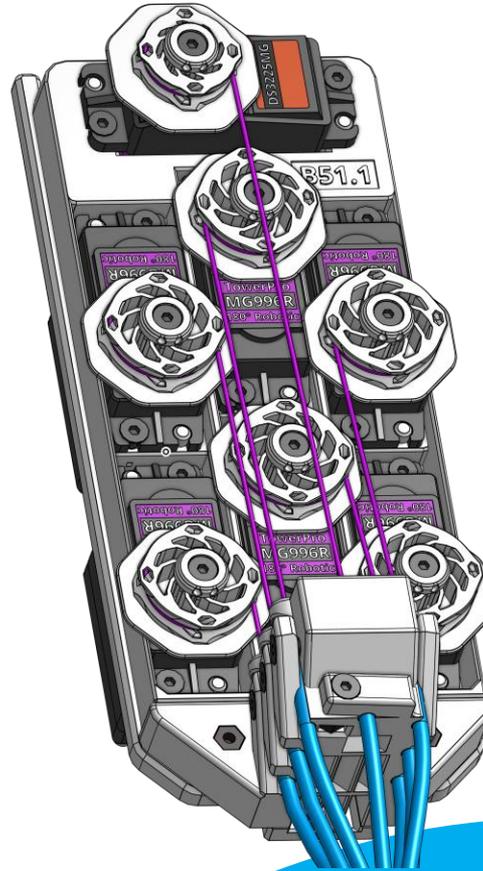
How to build your robot

www.pib.rocks/build

instructions for:

Tightening finger connectors

pib#4



PRINT

BUILD

DEVELOP

YOUR OWN ROBOT

Build it better: our suggestion for assembling pib



We recommend **tools** for each step. These are a suggestion, you can of course also use other tools.



1-5

We have categorized each step according to its **difficulty** - from **1-5** (1 being the easiest, 5 the hardest)

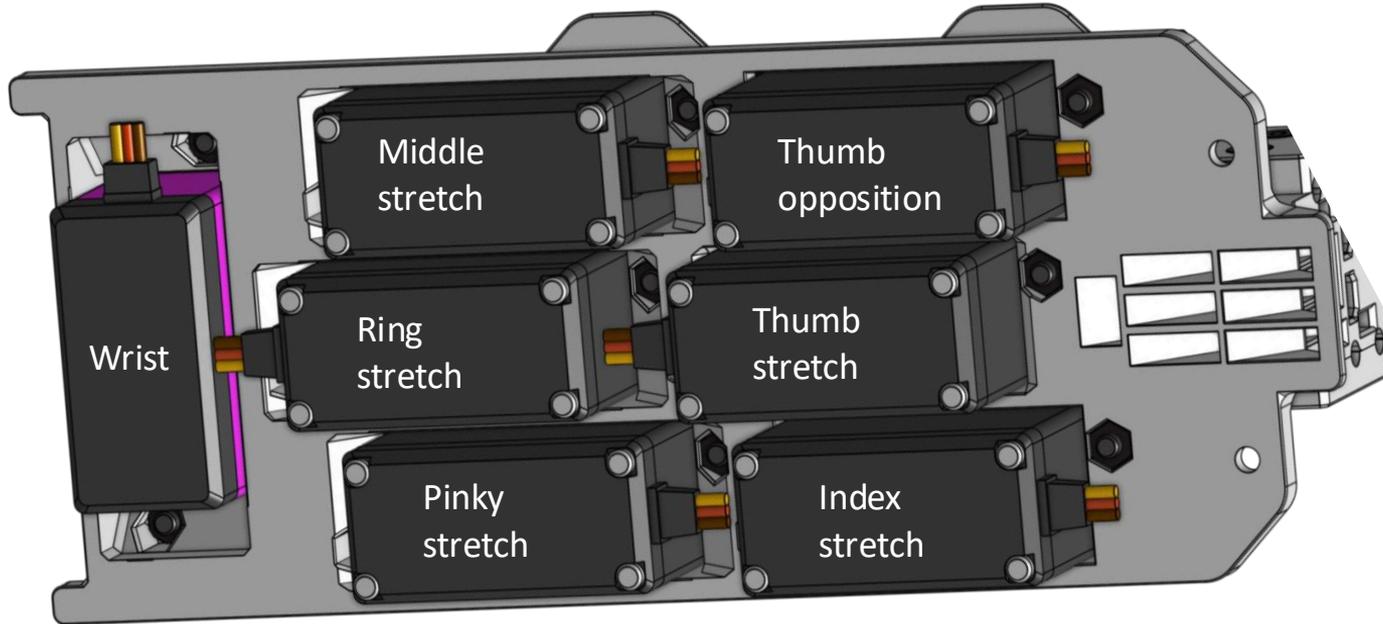


We also show you which **non-printable parts** you need for each step

Step 2



Take a glance into the servo array while moving the slider to check which knob corresponds to the finger you want to tighten. If you assembled pib correctly then you can just use this diagram



Step 3

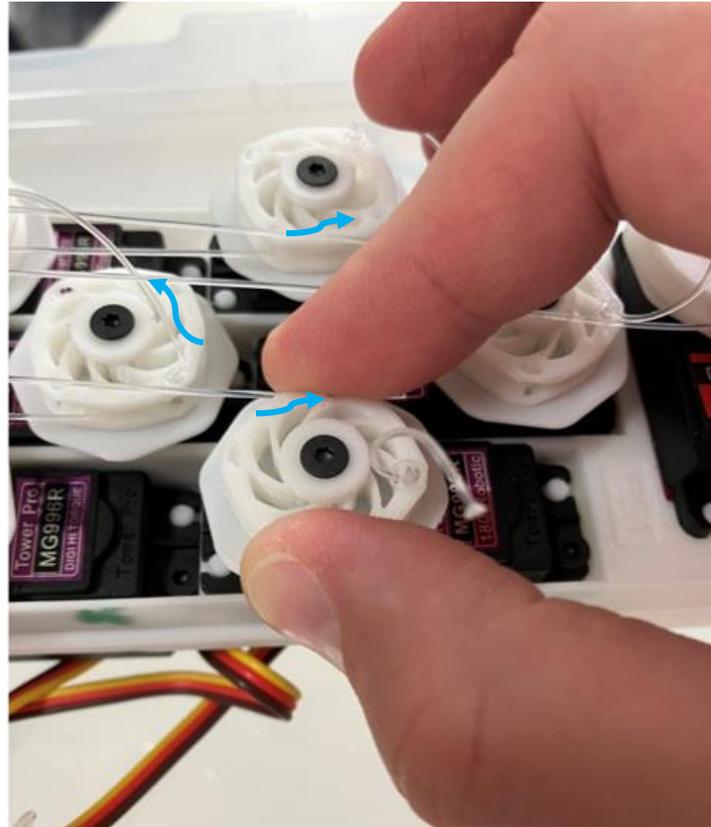


Make sure a knot is tied correctly and that the **wire is not too long**. The wire should be long enough to go into the nearest hole, tie a knot and then shorten it.



Step 4

Rotate the knobs towards the direction of the small ribs until wire is tightened.



Note 1



If moving the slider to +90 unwinds the wire instead of closing the finger, go to settings for the finger and click on invert.

The screenshot shows the Cerebra web interface. The main menu on the left includes 'JOINT CONTROL', 'POSES', 'CAMERA', 'VOICE ASSISTANT', and 'PROGRAM'. The 'RIGHT HAND' tab is selected, showing a table of settings for various touch points. A gear icon for 'Settings' is highlighted with a pink box. An inset window titled 'MOTOR SETTINGS' is open, showing the 'EXTENDED VALUES' tab highlighted with a pink box. The 'Degree (°/100)' slider is set to 90°.

This close-up screenshot shows the 'MOTOR SETTINGS' window. The 'Degree (°/100)' slider is set to 90°. The 'Period (µs)' slider is set to 19500. The 'Invert motor' checkbox is checked and highlighted with a pink box.

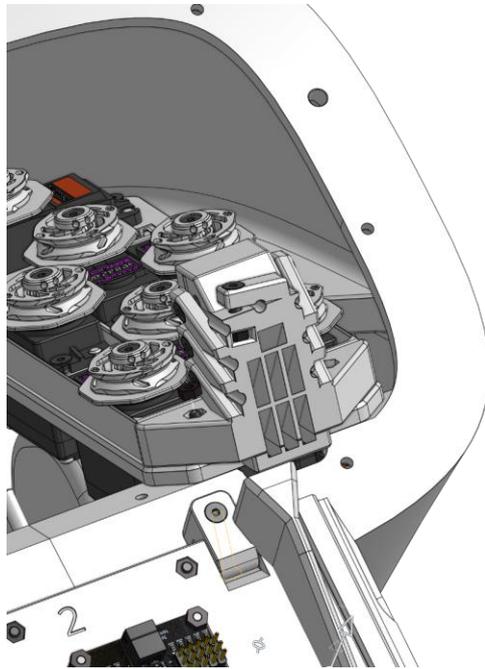
Note 2

If you can not rotate the knob by hand, unscrew it, rotate it and screw it again



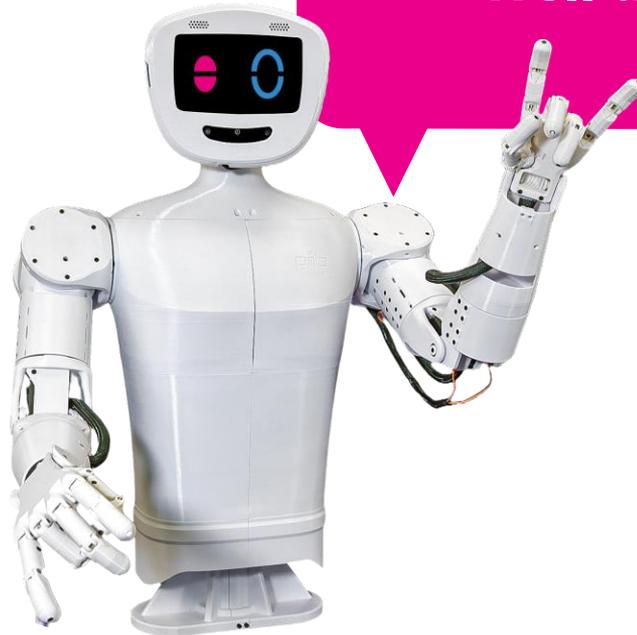
Note 3

If its difficult to reach inside the upper body for the knobs, unscrew the servo arrays and pull them out gently (mind wiring)



Congratulations

You did a great job, you have tightend wire connectors in pib!



Well done!

Do you need support?

Or do you need our pib.Box with all non-printable parts?

Or maybe you have some new ideas and improvements?

Please contact us.



team@pib.rocks
Send us an email.



discord.com/invite/GRdpyeDu7P
Join us on Discord.



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