

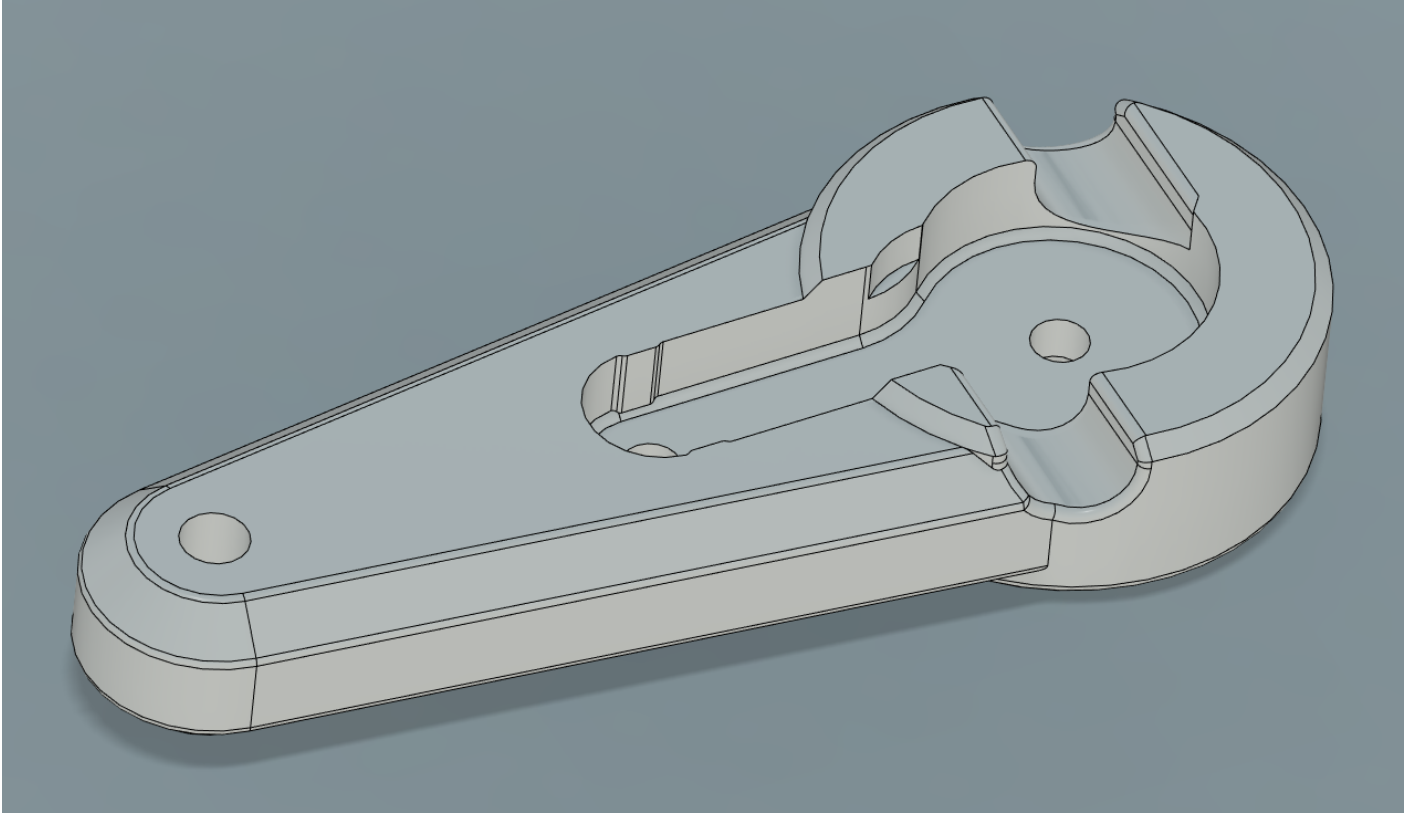
SR6 Mods

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Arm

Arm

SR6 Beta1 Horny Arms



These are almost identical to the stock SR6 Beta 1 arms with the following differences:

Servo horn screw access

Slightly tighter tolerances (0.2mm on each side) at the end of the horn, for less wobble.

STLs:

<https://www.patreon.com/posts/sr6-beta1-arms-58451637> (free)

BOM:

None (plastic only)

Pitch Arm

SR6 Beta1 Horny Pitch Arms



NOTE: I've updated this pack to contain both stock thickness arms and arms that are reduced by 0.5mm (some servo splines are a little farther out and this can cause the pitch arms to rub together more than desired) as well as arms that have 3mm and 4mm holes, if you find yourself using 3mm ID rod ends.

These are the same as the stock pitch arms except for horn screw access and (on some) a 0.5mm reduction on the "bottom" where the two arms are touching.

STLs:

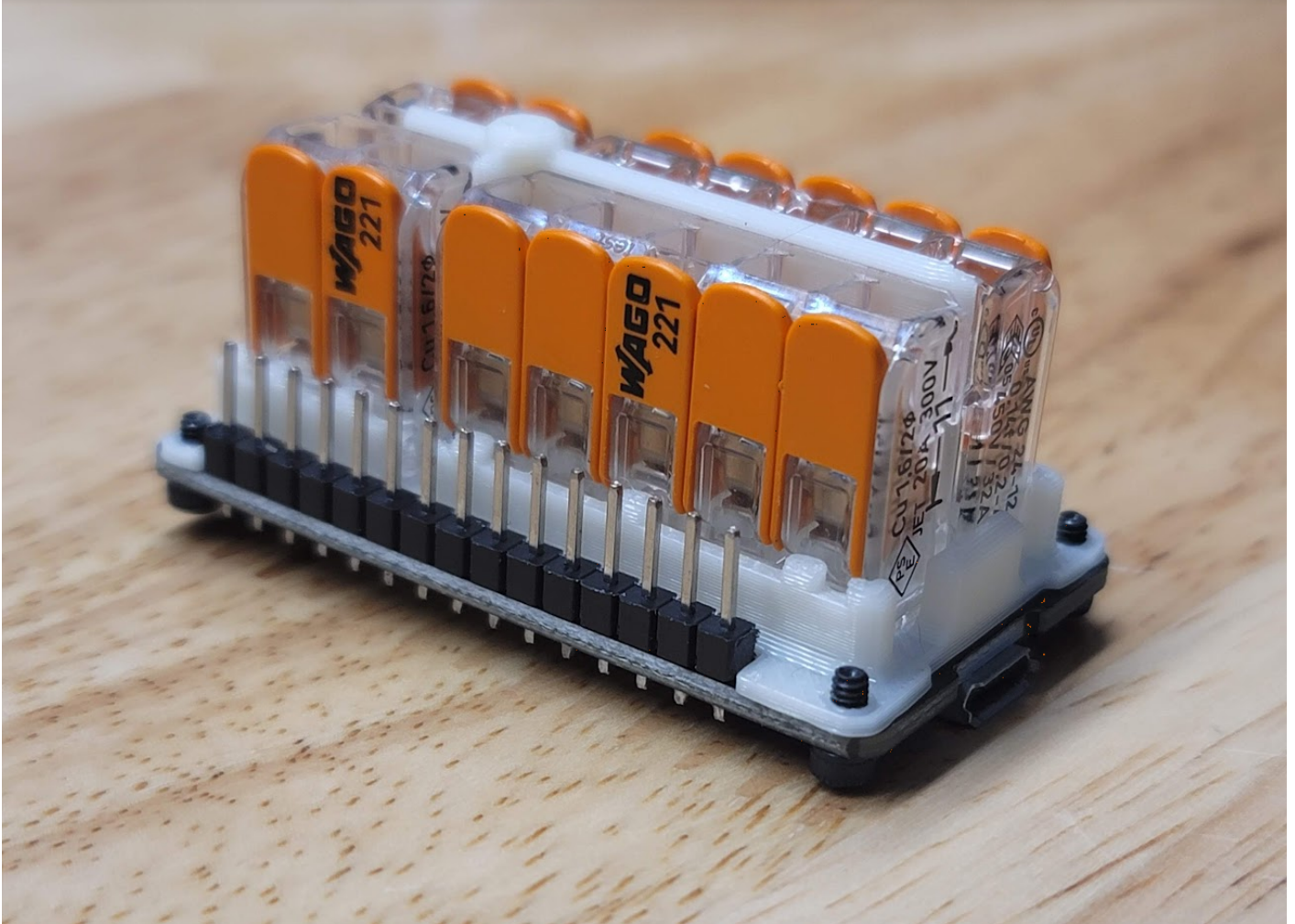
<https://www.patreon.com/posts/sr6-beta1-horny-58146242> (free)

BOM:

None (plastic only)

Power Bus

Wago 221 SR6 Power Bus



This sits on top of your ESP32 and distributes your robot's power without soldering. Strip 10mm of insulation off your servo power leads and tightly twist them together, positive with positive and negative with negative. Push the orange lever away from the clear housing, and insert them into the hole then snap the lever back in place. Give each lead a tug to make sure it's secure. I recommend not doing more than 2 wires per Wago hole. Bootlace Ferrules are a recommended upgrade to ensure proper electrical contact and can hold more wires reliably.

STLs:

<https://www.patreon.com/posts/61550384> (free)

BOM:

Wago 221-415 x2

Wago 221-412 x2

Part Links:

<https://www.amazon.com/dp/B07NKT2P2F/>

Extra information:

<https://www.youtube.com/embed/aiu6u43ltVE?si=MOfKsqjmy1lwefhy>