



MX Lapmaster portable



Arkety Engineering

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Summary

An attachment making it more accesible to use the MX keys keyboard in the lap while on the go or in an office setting.

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Tags: [laptop](#) [mx](#) [logitech](#) [contest](#) [ergonomic](#)

Hardware needed:

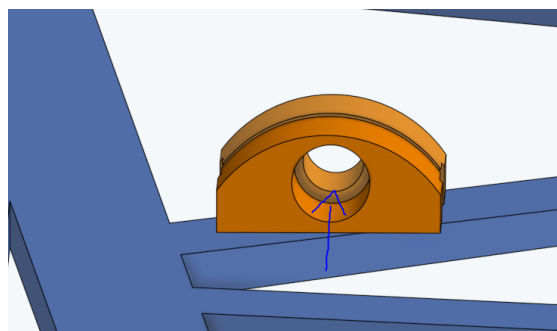
1x m3 heat insert

1x m3 screw

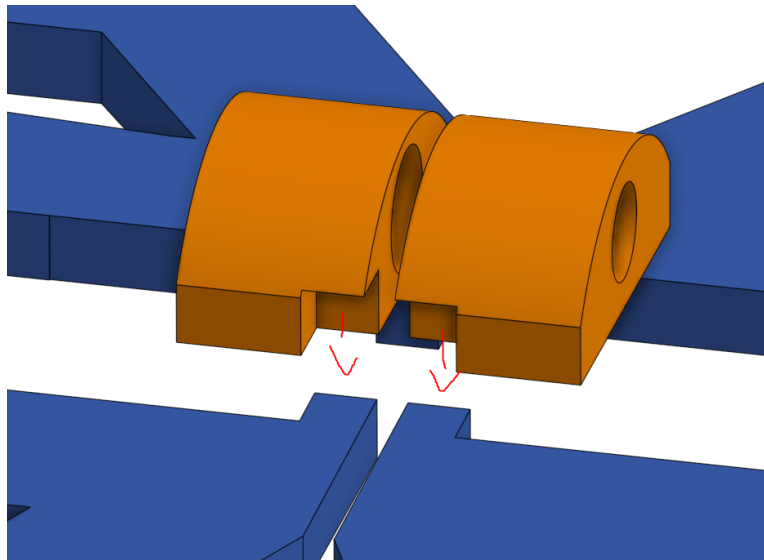
Superglue

Assembly instructions:

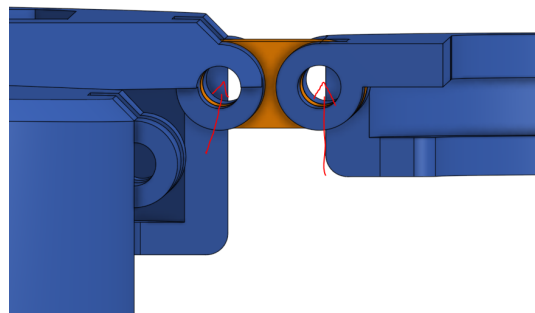
Insert heat insert in the bigger hole of the two back fasteners.



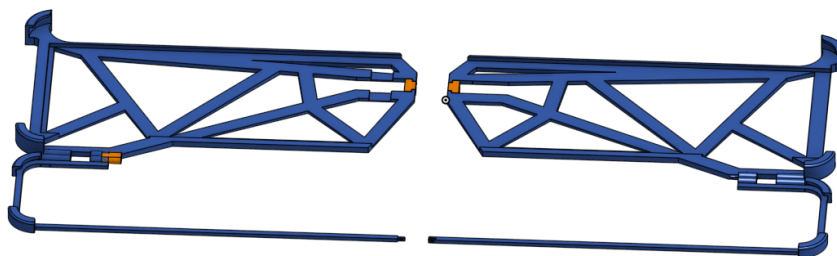
Glue in both fasteners to the frame parts.



Cut and insert filament as shown on both sides. In total 4x, you might need to drill out the holes a bit.



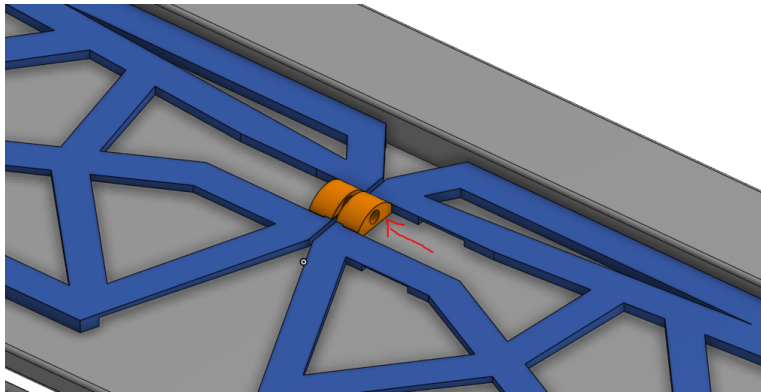
It should now look like this:



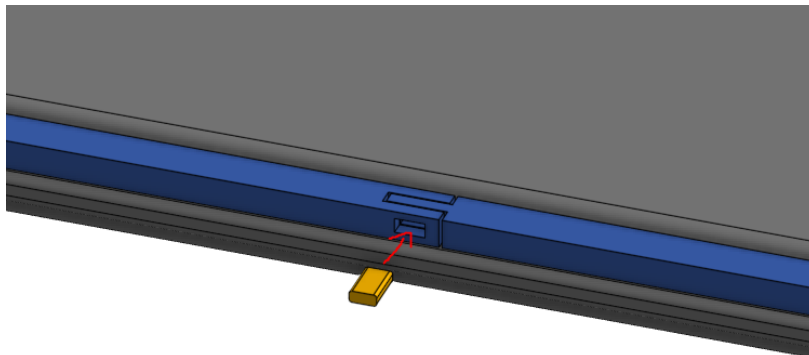
Insert the keyboard and wristrest and turn it over.



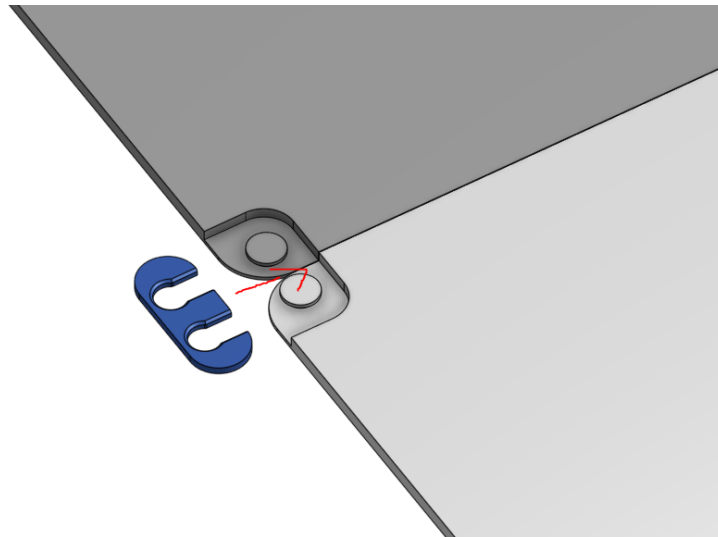
Now screw in the m3 bolt on the back.



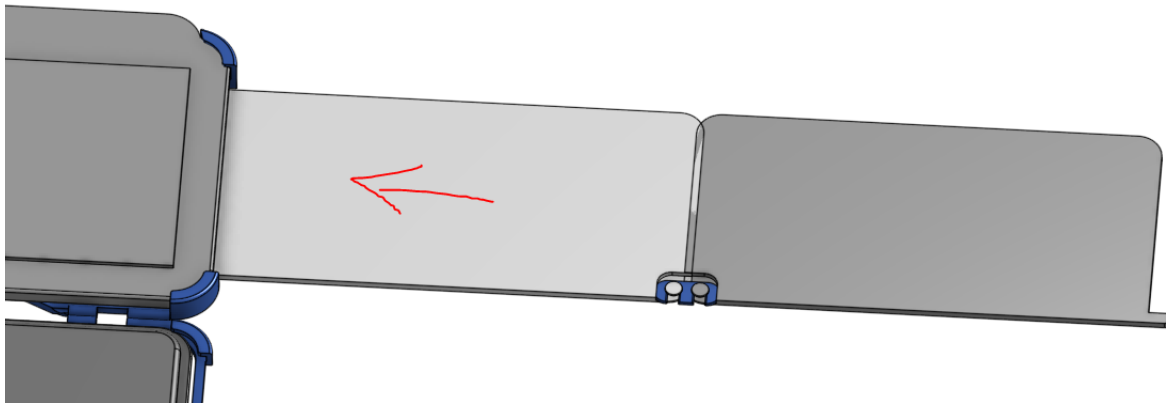
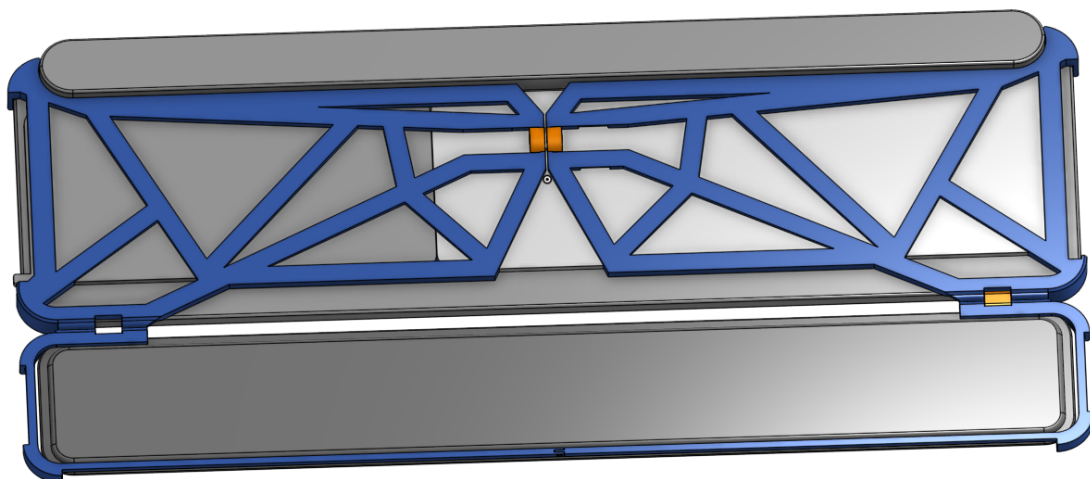
Line up and secure the wristrest by pushing in the wedge as shown.



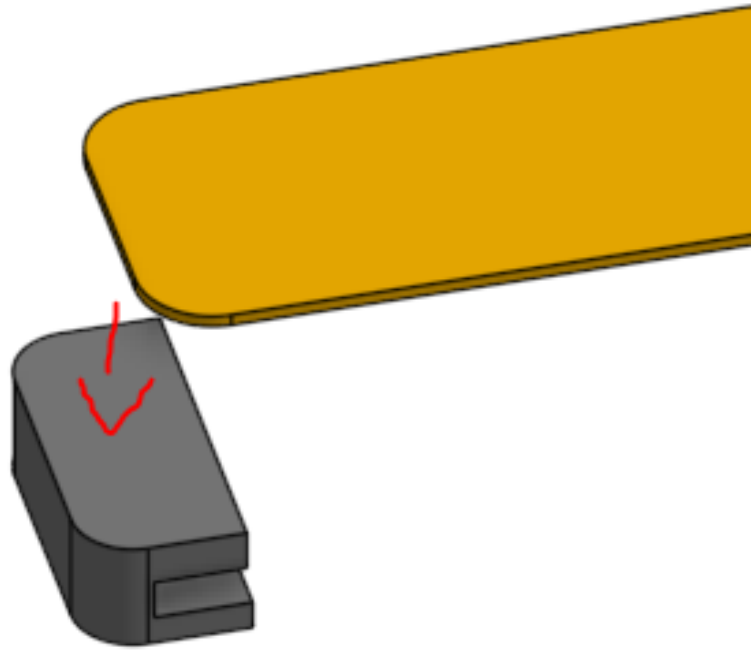
Attach the two mousepad halves with the fastener as shown.



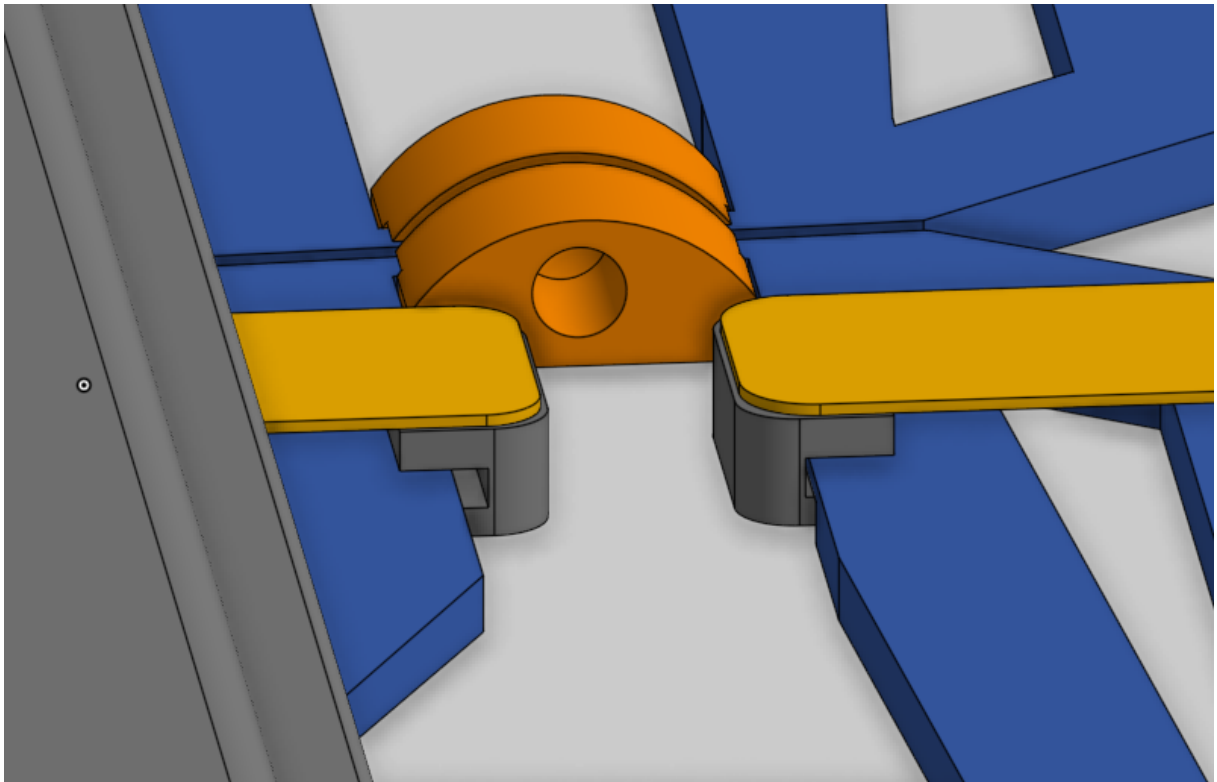
Slide them into the back of the case.



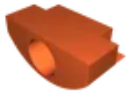
Glue the strap ends to both sides of the TPU strap



Strap it in to hold the keyboard securely. (Optionally glue in one side to the frame to not lose the strap)



Model files



fastener-1x.stl



fastener-1x.stl



frame-1x.stl



frame-1x.stl



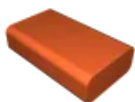
frame-small-1x.stl



frame-small-1x.stl



hinge-2x.stl



wedge-1x.stl



mousepad-1x.stl



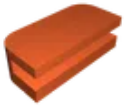
mousepad-1x.stl



clip-1x.stl



strap-1x-tpu.stl



strap-end-2x.stl

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