



EMFCamp Tildagon Badge GC9A01 Screen Shim With Locator Pins

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Summary

A shim to go under the Tildagon GC9A01 screen so it doesn't deflect placing stress on parts when depressed or bumped.

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I saw a shim like this with the Tildagon project but it had nothing to hold it in place - I think it was supposed to be paired with a top cover for the screen, which I don't want. So I've designed this similar one which has two small bumps that secure it in place using holes in the screen board.

You may need to lightly whittle the prongs to fit into the holes... my PLA prints with a 0.4mm nozzle needed this and making the prongs smaller didn't really help as they're already at about the limits of my setup.

This shim should work on any project using one of these round GC9A01 screens mounted through-hole. If additional, or less, depth is needed I have also attached the FreeCAD files so it can be adjusted.

I'll leave it to the user to pick their own print settings for this but suggest it is simply done with enough walls to fully fill the shape.

Model files



tildagon-screen-spacer-prongs.stl

tildagon-screen-shim-with-prongs.fcstd

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