



ECM Casa V old timey valve



Bridget

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Summary

Old timey looking valve knob for an ECM Casa V (and maybe others with the same generic steam valve)

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Was making a different addon to the OEM knob when I decided to model up and make an old red steam valve.

First one in PETG couldn't handle the heat, so I went back in to CAD and made a higher temp insert part. I have printed mine in Sunny Filament PC-CF for the insert and the main handle in PETG. I also made it thicker than the pics where you can just see through the PETG, it was 0.5mm there, increased it to 1mm so yours won't have that little gap. Whatever you use it needs to have a glass transition temp over 100 degrees celsius or it will lose its ability to hold the metal stem. It has 0.2mm clearance between parts, but a bit of a bash should get it in there.

Will see if the PCCF holds up over time.

Model files



handle-insert.step



knob.stl

☐ Use supports except for bridges



high-temp-insert.stl

☐ Must be able to handle being in contact with metal around 100 degrees C

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