



Replacement Cap for 5-Gallon Gas Cans



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Summary

Threaded replacement cap for portable 5-gallon gas cans, to replace a lost, cracked or broken cap. Fully parametric.

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Tags: [parametric](#) [container](#) [cap](#) [replacement](#) [garage](#)
[thread](#) [openscad](#) [fuel](#) [gascan](#)

A replacement cap for portable 5-gallon gas cans. Print one to replace a lost, cracked or broken cap and get the can working again.

- 45 mm inner diameter, 35 mm spout opening, 3-turn thread with 5 mm pitch
- 53 mm across, 26 mm tall

Customize it in your browser

This model is fully parametric. Change `inner_diameter`, `thread_pitch`, `thread_turns` and `spout_hole_diameter` to match your can. Open it in the free OpenSCAD Playground, change the numbers and export your own STL: [Open it in OpenSCAD Playground](#)

Source

The OpenSCAD source and the rest of my models are on GitHub:
github.com/SinaChavoshi/3d_printer_agentic_models

Designed with AI assistance in OpenSCAD.

Model files



gas_can_cap.stl

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