



License Plate Cover - Hiking Themed



Cameron

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Summary

If you want to personalize your car to bring a little of the outdoors to the streets, this license plate cover is the...



4.60 hrs



1 pcs



0.20 mm



0.40 mm



PET



69 g



Prusa
MK3/S/S+

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If you want to personalize your car to bring a little of the outdoors to the streets, this license plate cover is the perfect thing!

The full license plate cover is too large to be printed on most print beds, so it's broken up into two pieces which snap together easily.

This can be printed in multi-colour even without any upgrades using a single nozzle (no multi-material or Palette Pro needed!).

I've uploaded the .GCODE files for PLA and PETG which can be used directly, or you can download all .STL files and slice them yourself.

PRINTING INSTRUCTIONS:

This design is meant to be printed using the First Layer Inlay method which can be done with any printer, no upgrades needed. The following youtube video and article show examples of this method:

Youtube video from Make Anything:

Article:

<https://www.alexwhitemore.com/first-layer-multi-material-on-an-unmodified-single-extruder-printer/>

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It will need supports, only under the pieces that snap together to connect the two sides.

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SLICING INSTRUCTIONS

Bring all .STL files into your preferred slicer, lay them down, and line up the thin pieces exactly with the main body pieces. Enable support, only for the connection pieces. Then, delete the main pieces and save only the thin pieces as one .GCODE file. Then save an additional .GCODE file with only the thick main body pieces.

- Print the thin pieces first
- When this print ends, do not remove them from the print bed.

- Swap the filament to another colour, then select the thick pieces file to print over top of the thin pieces
- If they are lined up properly the thin pieces will fit exactly into the small holes in the main thick pieces, creating a cool seamless colourful layer.

NOTE: The two pieces are designed to snap tightly together. If your printer is less precise, reducing the flow rate would make the connections fit looser if required.

Model files



right-side-thin-pieces.stl



right-side-thick-body.stl



license-plate-all-pieces.3mf



left-side-thin-pieces.stl



left-side-thick-body.stl

Print files



license-plate-print_combined_petg_4h47m.gcode

PET 0.40 mm 0.20 mm 4.60 hrs 69 g Prusa MK3/S/S+

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