



Temp Control On-Off Knob for Audi TT 2001-06

T Trudant

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Summary

The unique knobs on the Audi TT are selling after market for \$90 USD! 3D printed this one in ABS!

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The controls on the Audi TT are quite unique in these model years (2000-2006). The climate control system is off when the button is pulled and 'on' when the button is pressed matching the other buttons. So 'on' is the default state.

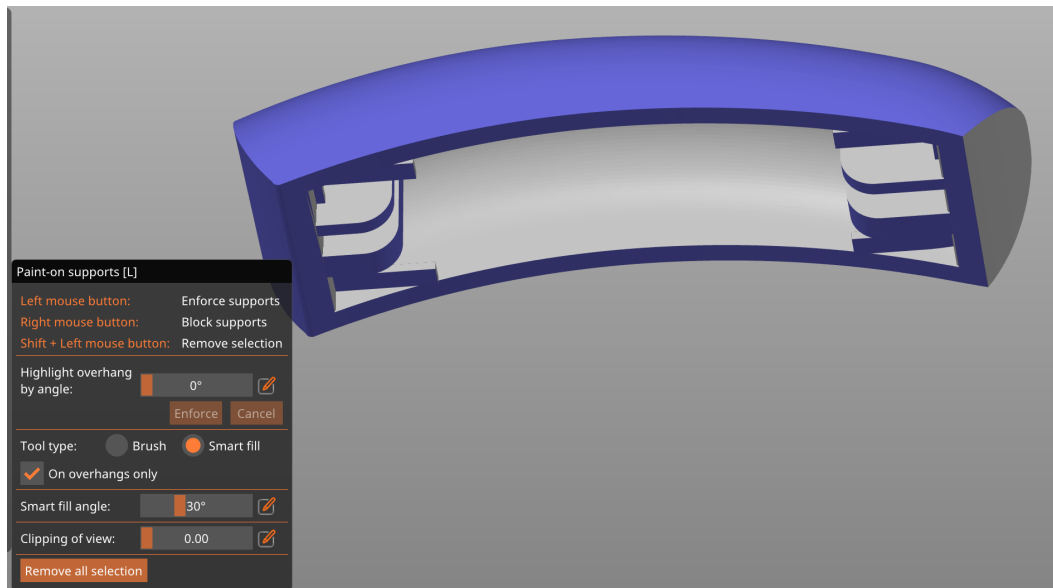
This button was broken off but the underlying LED and substructure still existed so I had something to work with.

Starting with the provided model attributed above, added the square hole and added some additional internal structure.

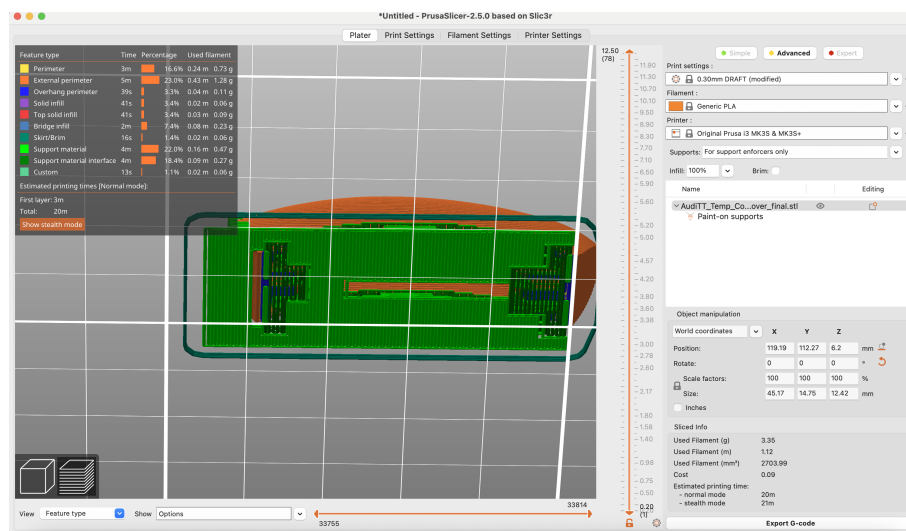
How to print:

1. Open side down
2. Paint on supports
 1. Smart fill
 2. On overhangs Only

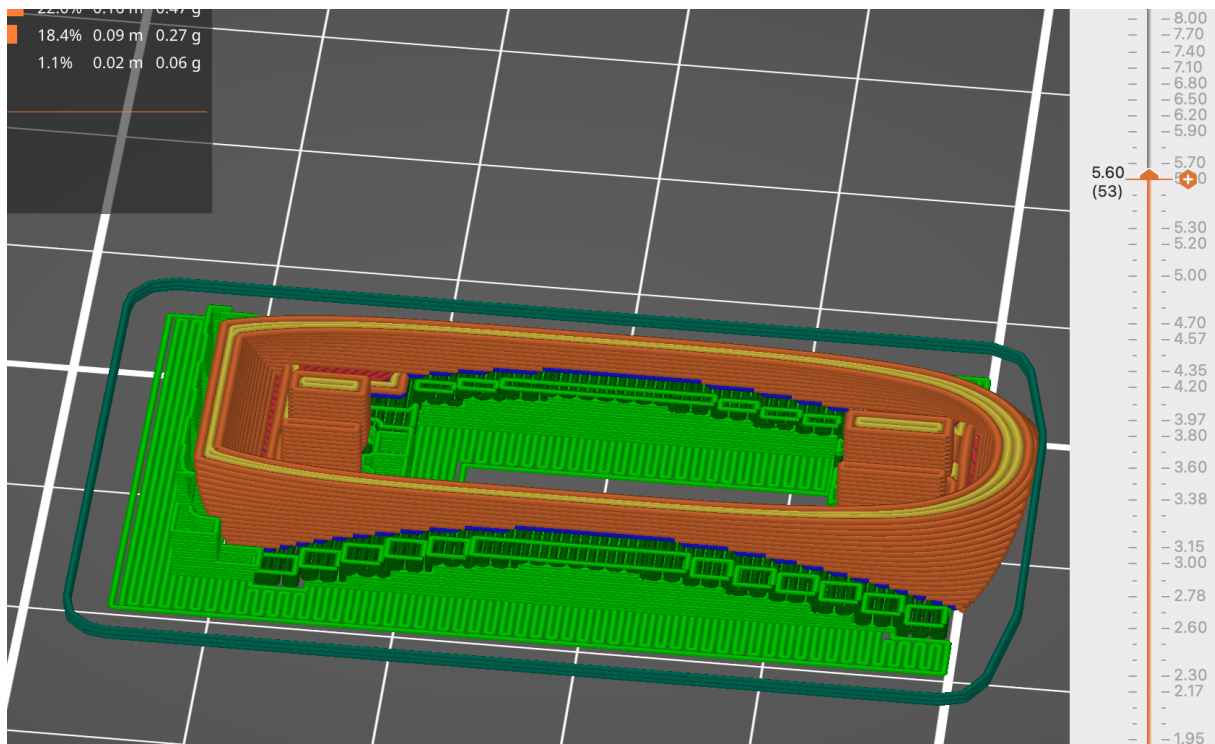
3. (click the internal features but NOT the inside of the button, it will be fine)



4. Supports for enforcers only.



5. Verify the layers are correct and that the inside of the button is hollow. (image below looking at layer 53)



After you print with PLA and test for fit, I recommend:

1. Print with ABS
2. Set your layer height to the minimum (finest resolution) of your printer.
3. After printing wipe it down with Acetone to smooth it out and give it a dull smooth plastic finish.

See final images soon! (Just need to upload them!)

Future enhancements

- Multi color, add white text. "OFF"
- Setup the words in a very thin layer to make them glow from the backlight
- The top and bottom of the button don't curve quite the same as the real thing

This remix is based on



Audi TT 8N Climate Control Fan Speed Knob Cover Cap

by Mystrey2010

Model files



auditt_temp_control_on-off_cover.stl

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