



1992 - 2000 Dodge Viper Sill Plugs

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Summary

The plugs that covers the screws under the door on the sill plate

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This plug is printed on its side. The model is has a support attached that can easily be removed with a knife. It's printed in this orientation so the button top has a smooth surface and the layer lines are oriented such that the legs don't snap off easily. I adjusted the measurements until I could easily snap it in, and fairly easily pull it out without breaking the plug legs. There are two sizes. In the photo, the outer plugs are for the spots circled in green and the inner plugs are for the spots circled in red.

How I printed this (in Cura):

- * Printed in ASA
- * Part Cooling fan off
- * 0.4mm line width
- * 0.16mm layer height
- * Rotate as seen in photo.
- * Enable supports everywhere for the outer, and only touching build plate for the inner.
- * 20% support infill in a zig-zag pattern
- * Support horizontal expansion = 0
- * Support wall line count = 0
- * Z seam alignment is user defined and set to back
- * Z seam is relative
- * I printed four in sequence by going to Special Modes > Print Sequence =

One at a time

Post Processing:

Use a paring knife to cut off the built in support. The line should be very visible and I found it easy to remove the squared section. Finish the edge with a touch of sand paper.

I included an easy print with a flat top and simpler legs. It can be printed with no supports upside down.

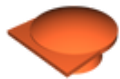
Created in OnShape:

<https://cad.onshape.com/documents/1f75b6154fb796f44d033f8c/w/005ec636426e265733237f8d/e/9a299b58c2e4d803deecbbff>

Though these can still be ordered online, They were either \$20 USD each for \$9 + \$83 shipping. I decided to just make my own. It's probably better or order these when combined with something else, but in the meantime, Here's something that can be printed.

I may add a TPU variant in the future if I can find a matte black flexible filament with a high temperature resistance. Feel free to leave a comment if you have a filament suggestion.

Model files



viper_inner_sill_plug_supported.stl



viper_outer_sill_plug_flat_easy.stl



viper_outer_sill_plug_supported.stl

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