



## Gate Catch



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### Summary

My back gate's latch is a bit wonky and the wind has taken its toll on it. Was using a bent coat hanger to secure it,...

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My back gate's latch is a bit wonky and the wind has taken its toll on it. Was using a bent coat hanger to secure it, but knew I could do better. So I model and printed this. Maybe it will be an inspiration for you to make things that are useful to you.

### Print Settings

**Printer:**

I300Pro

**Rafts:**

No

**Supports:**

No

**Resolution:**

0.26mm

**Infill:**

15%

**Notes:**

2 shells.

Trying out MakerGeek's Raptor high-temp PLA. We'll see how well it holds up to the elements. May redo eventually in PET.

**Post-Printing**

Assembled with a M5x10 socket head screw and a M5 locknut.

**How I Designed This**

I used Onshape to model it. Added a wavy spring to give a little give and added inner spikes to hold the post strap in place.

If you want to dig through my Onshape file, you can check it out here:

<https://cad.onshape.com/documents/6b054dcc636c22229eda696/w/5b0a7acebc694616646d3f78/e/fa9617e5cc26ec3752e2ab7c>

Category: Outdoor & Garden

**Model files**

gate\_keeper.stl

[Find source .stl files on Thingiverse.com](#)

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