



Playful cat with moving paw



VIEW IN BROWSER

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Summary

This cat will paw at the door whenever it's opened or closed.

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Tags: [cat](#) [door](#) [magnet](#) [arm](#) [trim](#) [paw](#) [sit](#)

(((Read all the instruction before starting to make sure this will work with your situation)))

Here's a video link to see the playful cat in action.

<https://rumble.com/v12kq30-3d-printed-cat.html>

Parts needed. See photos 2 and 3.

Small paper clip, nail or any type of rod that will fit through the holes on the cat body from one side to the other and allow the paw to swing freely.

Two small magnets, I used two 1/4 inch x 1/10 inch neodymium disc magnets. You don't have to use disc shaped magnets.

Super or hot glue.

Print the "cat body" and "paw".

Instructions.

Glue first magnet near the tip on the back side of the paw (photo 5). The length of this paw is made to work with the “standard” 2 1/4 casing. If you need a longer paw you can use the scale function in the slicer to stretch the paw. If you can't get one the right length let me know and I can upload the size you need.

Place paw inside cat body and run rod through the cat body through the paw and finish through the cat body. The rod shouldn't fall out, but if you want to secure it with a little glue or just bend the rod on the ends (photos 6, 7 and 8).

Glue second magnet to the top of the door right below where the paw will be located (photo 9). Make sure there's enough of a gap between the top of the door and jam so the magnet doesn't interfere with it opening and closing.

Set the assembled cat on top of the door casing and use the square bump out (photo 4) with some double sided tape or command strips to secure the cat to the wall. The bump out is recessed 1/16 of an inch below the back of the cat to allow room for some type of adhesive.

Finished.

Model files



cat-body-v1.stl



paw-v6.stl

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