



Gearshift Fidget



LI-Maker 15

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Summary

Fun gearshift fidget with lock mechanism

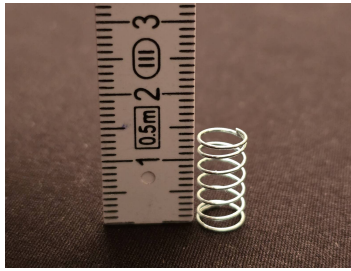
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The Gearshift Fidget is the perfect fidget for all car lovers! But it's also perfect for everyone else, because it's simply great fun to use. The aim is to move the gearshift lever through the various positions. It is designed so that you first have to push the gear lever down and only then can you move it to another position. This is the first of its kind! So it is very satisfying to play with. The edges and corners are rounded and the size has been chosen so that you can hold it comfortably in your hand.

Required parts

- all 3D printed parts
- a 7mm by 14mm compression spring



My print settings

- PLA
- 0.2mm (0.1 if the lever doesn't fit properly in the big sphere)
- 15% infill
- supports only for the spheres
- rafts for the spheres and maybe for the lever
- print the big sphere with the hole facing upwards
- print the small sphere with the hole facing downwards

Assembly

Make sure by sandpapering the big sphere that it is smooth otherwise it won't move nicely. Then insert the spring into it. Afterwards you can insert the lever. You should hear some small click noises. After that you can put the sphere with the lever in the lower half of the box and close it afterwards with the other half of the box. Theoretically it should hold without glue but if absolutely necessary you can glue both box halves together. In the end you can slide the small sphere onto the other end of the lever. If necessary you can glue this one too.

It may be that it sticks a little at the beginning but with time it should work quite smoothly.

Have fun and leave a like if you appreciate my work!

Model files



gearshift-fidget.stl

☐ stl file with all parts

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