



Child safety shelf lock for IKEA Billy



Jonatan

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Summary

This locking mechanism can prevent a child from removing shelves from an IKEA Billy bookshelf.

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Our son liked lift up and remove all the shelves in our IKEA Billy where we placed his toys.

So my wife drew up an idea she had to prevent this and I modelled and printed it.

It uses two extra standard shelf carriers and some double sided foam tape to keep it in place. we tried without tape at first but that only resulted in two broken locks and several destroyed holes in the Billy as he figured out he could remove the lock and bend, which cracked the particle board. So please don't make that mistake.

I printed these in PETG but most materials should work. Inserting the shelf carriers may require significant force and I had to use a pair of pliers.

I have included f3d and step files if you would like to make any alterations.

Model files



shelf-lock.stl



shelf-lock.f3d



shelf-lock.step

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