

Kitchen Cutting Board Storage

Version 1.1

By **R. G. Sparber**

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I have enough clutter on my kitchen countertop without leaving my cutting board out. It was kept in a lower cabinet lying flat. That meant blindly fishing around in there until I could feel it. Invariably, other stuff was on top so I had to dump that back in before fully extracting the board.

For years, this was annoying but not bad enough to give it a second thought. Today, I gave it that second thought. What, exactly, was the problem here?

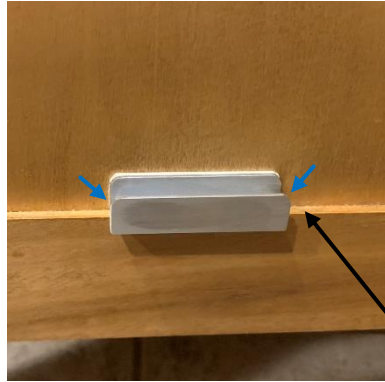
The need: store the board such that it could be easily accessible yet not be in the way.

As usual, the solution was easy. Identifying the problem was hard. Once I stopped to consider my need, the solution jumped out at me.

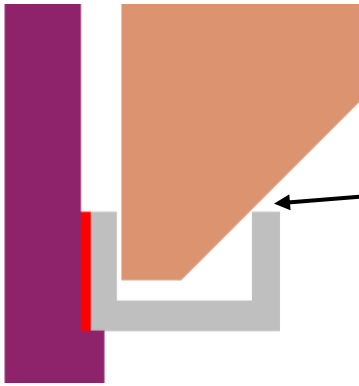
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The key to the puzzle was in the cutting board. Notice the finger lift pockets in the ends?



I took a short piece of ½ inch by ½ inch aluminum channel and rounded the corners on one face. Then I used 3M double-sided foam tape to stick the channel to the door. The channel rests on a lip for added support.



Here is a side view of the aluminum channel and the bottom edge of the board at the bevel. The cabinet door is shown in purple and the foam tape is in red. As the board is lowered into the channel, it contacts the front inside edge.



Due to the bevel in the finger lift pocket, the weight of the board causes it to rotate until the top edge contacts the door.



A gentle pull and the board pivots away from the door for removal.



Just a few hours after installation, I opened the door too fast and the cutting board fell out. This was easily fixed with a piece of bent up aluminum strap.



The strap was attached to the door with the same type of double sided foam tape.



To remove the cutting board, I tilt it to the right and then lift out. When the door is opened quickly, the board does move forward but is caught by the strap.

I welcome your comments and questions.

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Rick Sparber
Rgsparber.ha@gmail.com
Rick.Sparber.org