

## Grand Design Imagine Pass-Thru-Slide Trays

The following plans were created for my 2020 2670MK Pass-Thru-Slides. The dimensions work for my particular trailer but it is recommended that you measure and adjust for your particular openings and restrictions/obstacles.

I used 1/2" plywood for the drawer and frame sides, joining the pieces with "pocket screws" and glue. The drawer bottom is 1/4" plywood with a few cross supports underneath from the 1/2" plywood.

The drawer slides were created from 1/2" square steel tubing for the runners and skateboard bearings for the rollers. I have also used 3/4" steel tubing on earlier versions. The 3/4" is definitely stronger but it is heavier and more expensive. For the weight capacity that I currently needed the 1/2" tubing is working well.

I attached the skateboard bearings to the frame using button head screws going into wood screw inserts. Link listed below:

Button Head Screws

[https://www.amazon.com/gp/product/B07JJKV5WF/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07JJKV5WF/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

Skateboard Bearings

[https://www.amazon.com/gp/product/B07C6FL8TW/ref=ppx\\_yo\\_dt\\_b\\_asin\\_title\\_o06\\_s00?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B07C6FL8TW/ref=ppx_yo_dt_b_asin_title_o06_s00?ie=UTF8&psc=1)

Threaded Insert Nuts

[https://www.amazon.com/uxcell-Threaded-Insert-Internal-Threads/dp/B07GKFNHYF/ref=sr\\_1\\_4?crid=2IT53JD54PO1E&keywords=m8+wood+insert+nut&qid=1679181162&srefix=m8+wood%2Caps%2C193&sr=8-4](https://www.amazon.com/uxcell-Threaded-Insert-Internal-Threads/dp/B07GKFNHYF/ref=sr_1_4?crid=2IT53JD54PO1E&keywords=m8+wood+insert+nut&qid=1679181162&srefix=m8+wood%2Caps%2C193&sr=8-4)

I drivers side and passenger side frames together in the back to keep the frames from tipping when the drawer is pulled out. I used double sided VHB foam tape on the bottom of the frame cross braces to hold the unit in place.

[https://www.amazon.com/gp/product/B0B5XCC3QD/ref=ppx\\_yo\\_dt\\_b\\_search\\_asin\\_title?ie=UTF8&psc=1](https://www.amazon.com/gp/product/B0B5XCC3QD/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1)

Drawer sides are 4" high  
Frame sides are 5" high  
Drawer bottom is 1/4" plywood

Drawer Length 45.25"

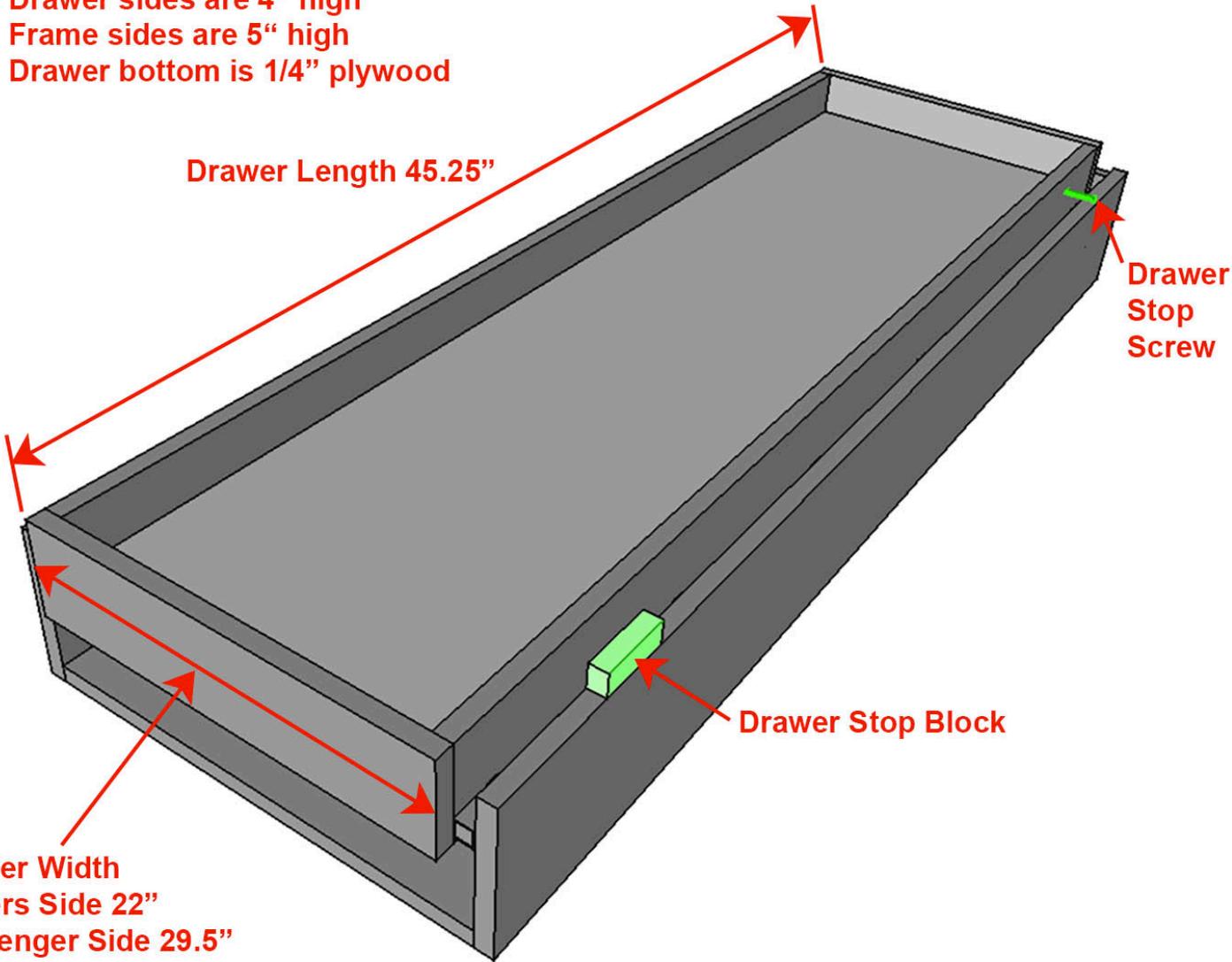
Drawer  
Stop  
Screw

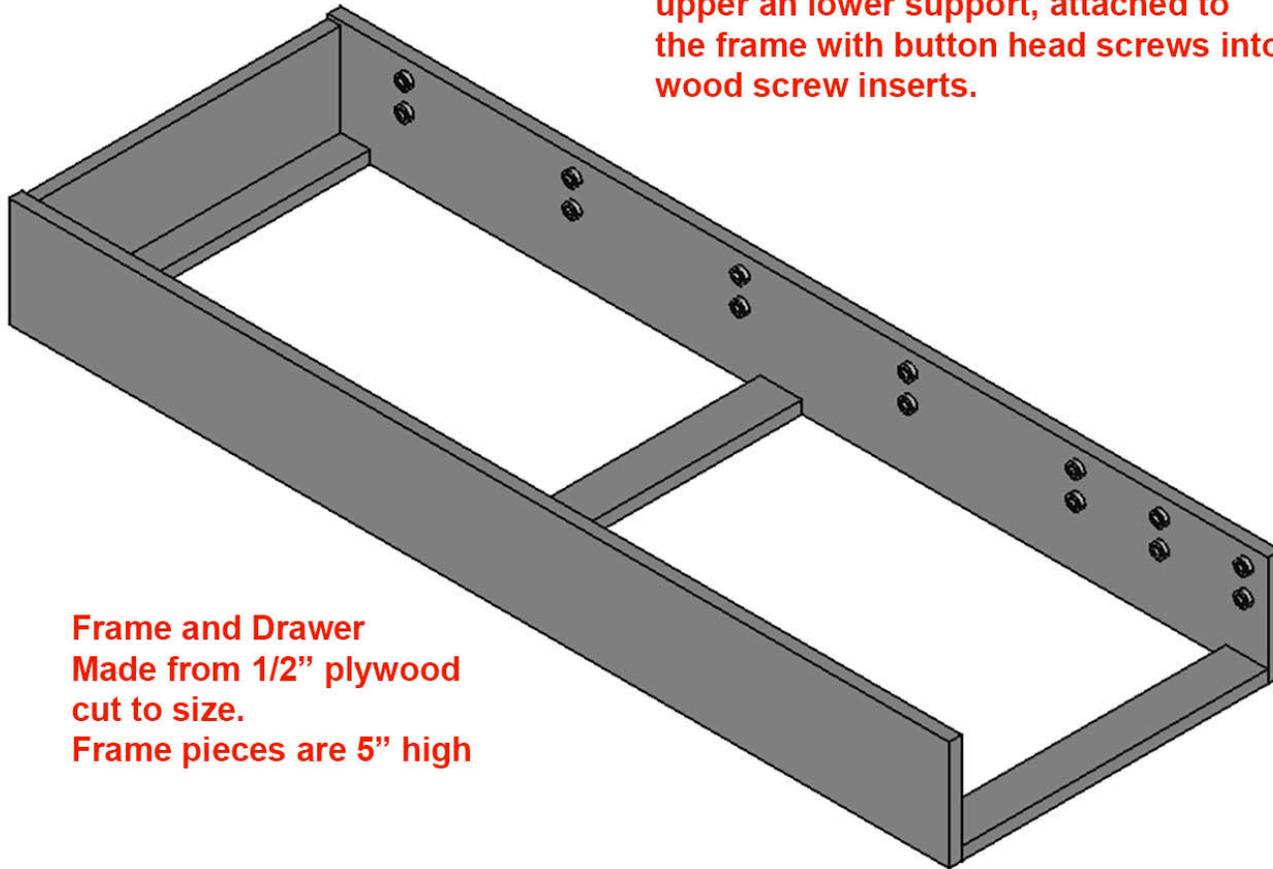
Drawer Stop Block

Drawer Width  
Drivers Side 22"  
Passenger Side 29.5"

\* All dimensions should be checked for fit of your particular trailer.

Not to scale © Dave Huntsman



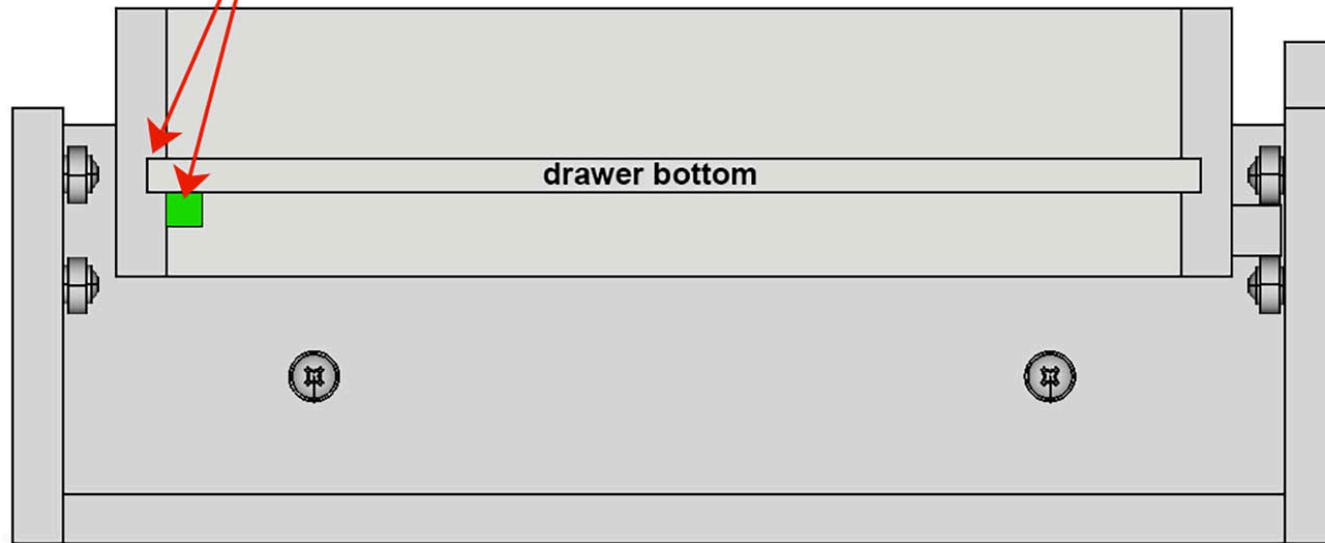


Skateboard Bearings for drawer slide upper an lower support, attached to the frame with button head screws into wood screw inserts.

Frame and Drawer  
Made from 1/2" plywood  
cut to size.  
Frame pieces are 5" high

© Dave Huntsman

Drawer bottom can be supported with groove cut into side of plywood or by adding a strip of wood to sides of frame under drawer bottom.



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