

Dual Pane Window Glass

An awful accident happened when I took out a window and propped it against the wall to [repair window channel balance](#). Putting both top and bottom plastic guides taking out from old channel balance to new one at garage was successful. But after going back to the room where the window was there, I found that the window had been fell down to the floor hitting a wooden chair and the dual pane glasses were miserably broken.

"Who did that!"

After calming down, I guessed that somebody is testing me to see how I resolve the crucial situation (Crisis Management?).



(1) Measuring glass size



Always opening because of a broken window (So bad)



Temporarily covered by two large cardboards



Four square head (Robertson) screws attach four window frames together at four corners



Frames separated after unscrewed



Took out a window with gasket from four frames



Two glasses (1/16" thickness) adhered to horseshoe frame are not sealed (glass edge is exposed)



Gasket detached

At this stage, I measured the size of dual pane window glass precisely.

(2) Ordering glass

ORDER SUMMARY

 Total Items: 1
Total Qty: 1

Item	Description	Dimension	*Qty.
1	Tempered Insulated Unit / Dual Pane Shape: Square/Rectangle Thickness: 3/4" with 5/8" White Grid: 3x2 Tint: Clear / Clear Spacer: Aluminum  Edit  Copy  Delete	Width: 32 1/4" Height: 27 3/4"	1 ▼

+ Add More Items

 Save/Email Quote

 Print

 Clear Cart

Delivering to 

[Change location](#)

 **FREE Shipping & Handling** *(Expedited shipping available during checkout)*

Sub Total

Shipping & Handling

Total

Included

Are delivery times guaranteed? When will my package arrive?
What does the shipping and handling include?

* Quantity discount will automatically apply and reflect in the Total.
* Sales tax is calculated during checkout.

As shown above, I specified;
Width (32 1/4"), Height (27 3/4"), Shape (Square), Thickness (3/4"), Space between two glasses (5/8"), Color of grid (White), Shape of grids (3x2), Tint (Clear / Clear), and Material of spacer (Aluminum).
If the Width and Height above does not match, you must die. No return is accepted. But go for it.

(3) Assembling



Delivered (Perfect packaging for all the layers!)

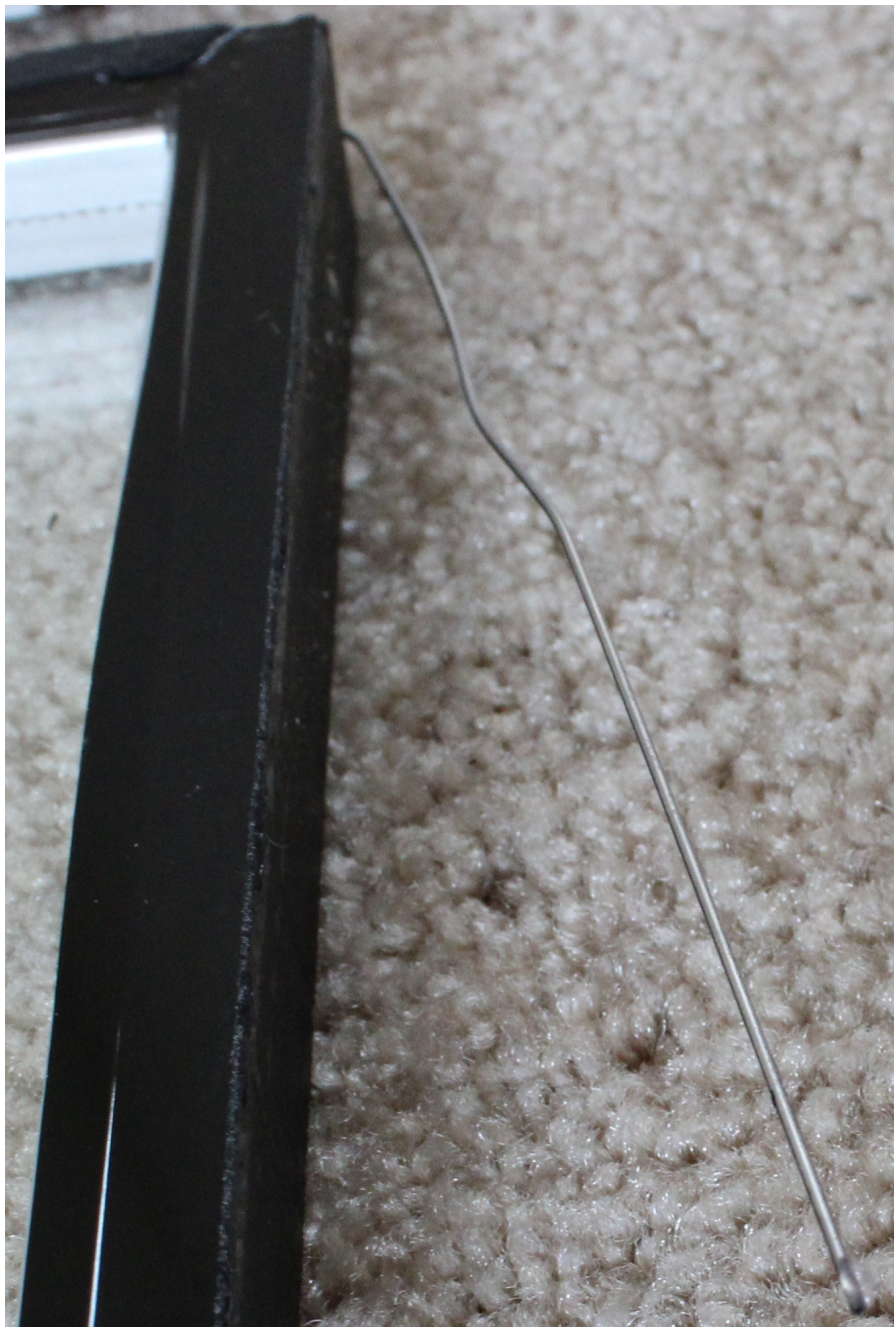


Glass delivered



Opening of capillary tube

The purpose of capillary tube is to equalize air pressure between inside and outside of the sealed glass.



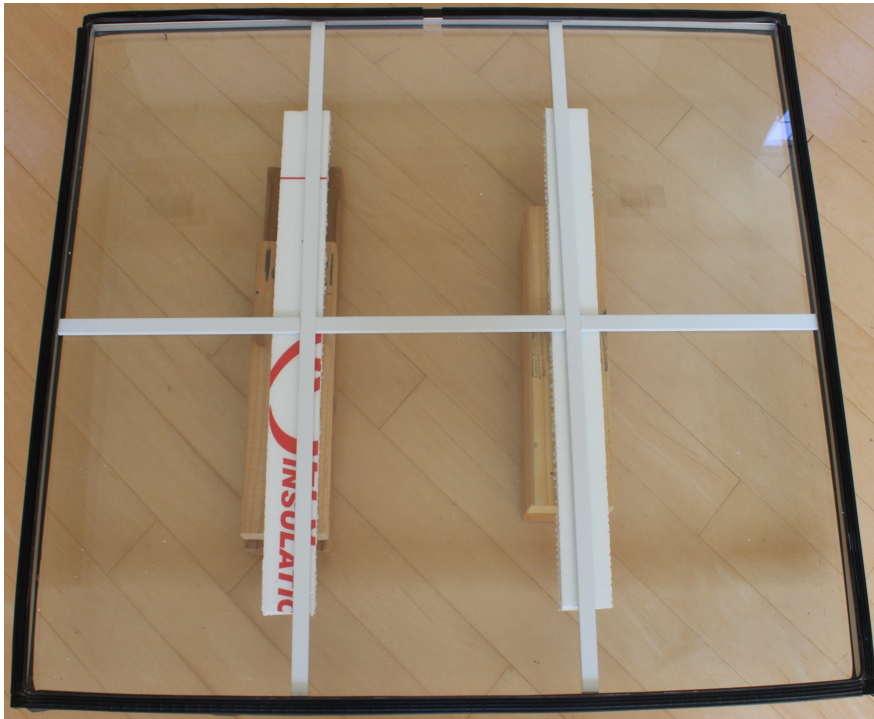
Close the opening by glue and point downward when installing



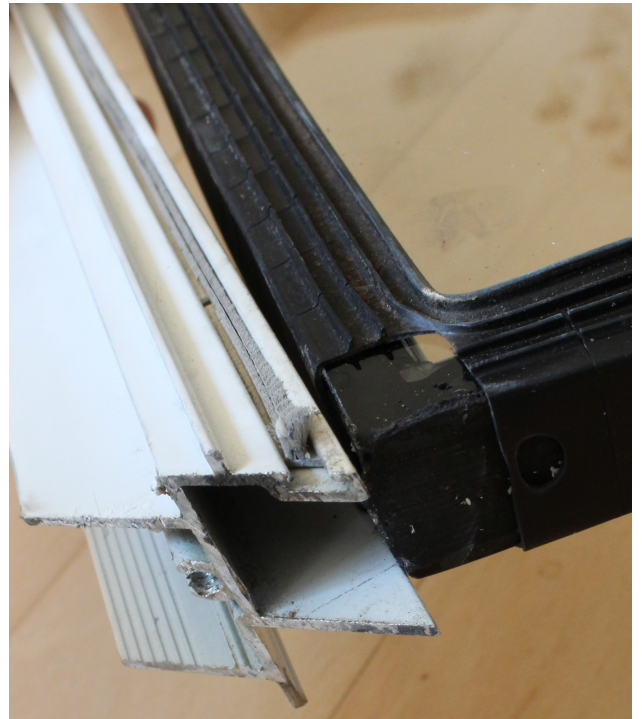
Frame, Gasket, Glass



Gasket attached to glass



Ready to dock four frames on gasket



Can glass goes into frame? (Was no problem)



Four frames docked to glass with gasket

Before docking frames to glass with gasket, I applied glass cleaner by finger to surface of the gasket and inside of the frames to reduce mutual friction. Then, I hit the side of the frame evenly by a mallet with hard plastic head to dock the frame to the glass with gasket gradually.



Recovered in place



Window glass cleaner, Mallet with hard plastic head, Screw driver with square head bit