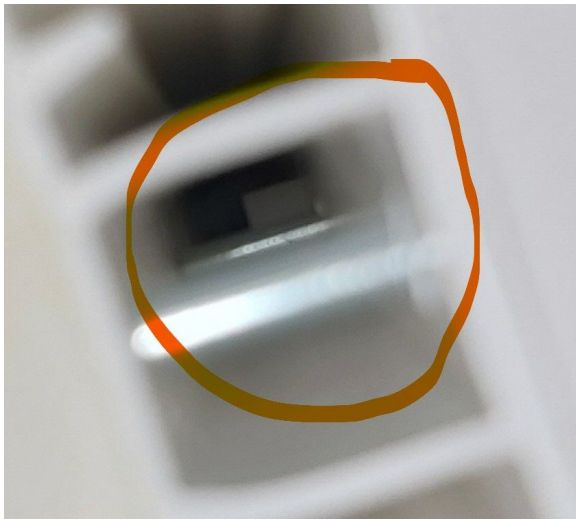


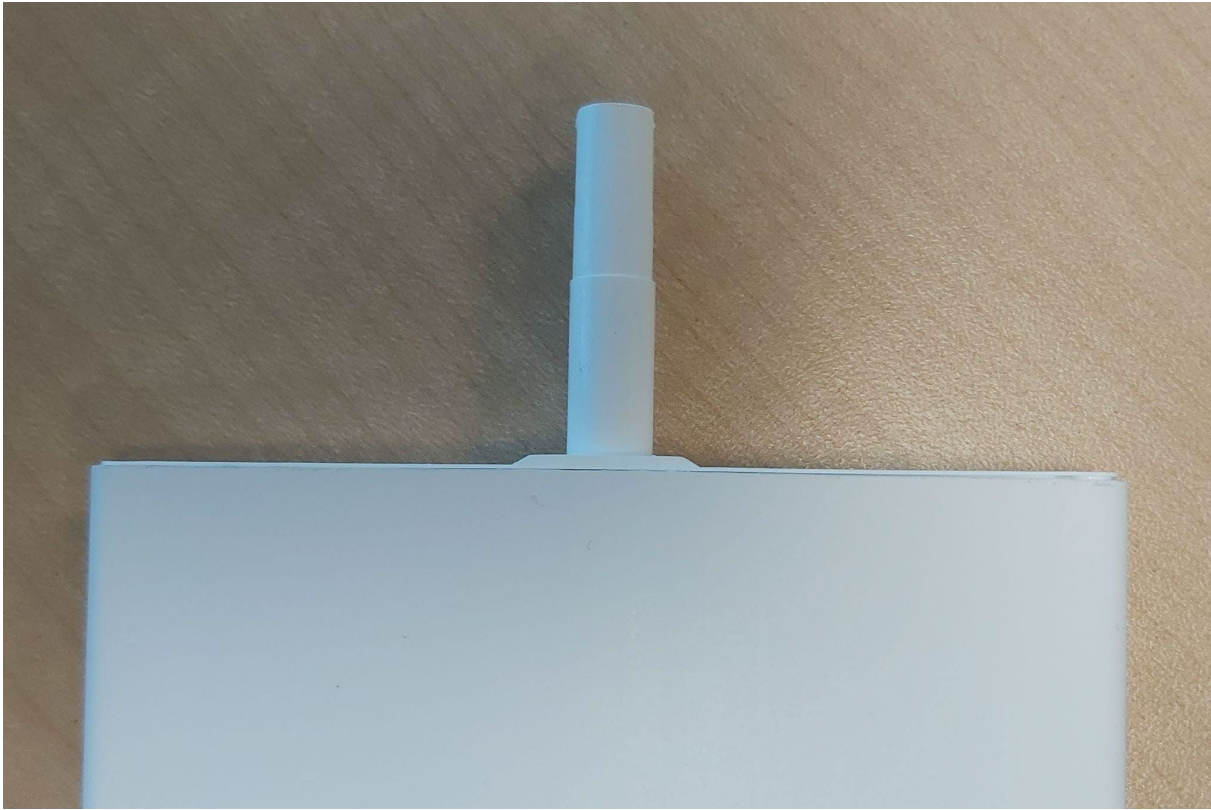
If the product is **Tilt Bar or Rear Tilt**, it doesn't matter which side the tension bar goes on. The easiest side to work on is the interlock side, this will avoid having to loosen and then retighten the hinges. **For Gear** - You need to determine which side the gear is not on and that is the side you have to add tension to. **You cannot add a tension rod to the Gear side!**

STEPS TO ADD TENSION ROD

Step 1 - Determine Which Side the Gear is on

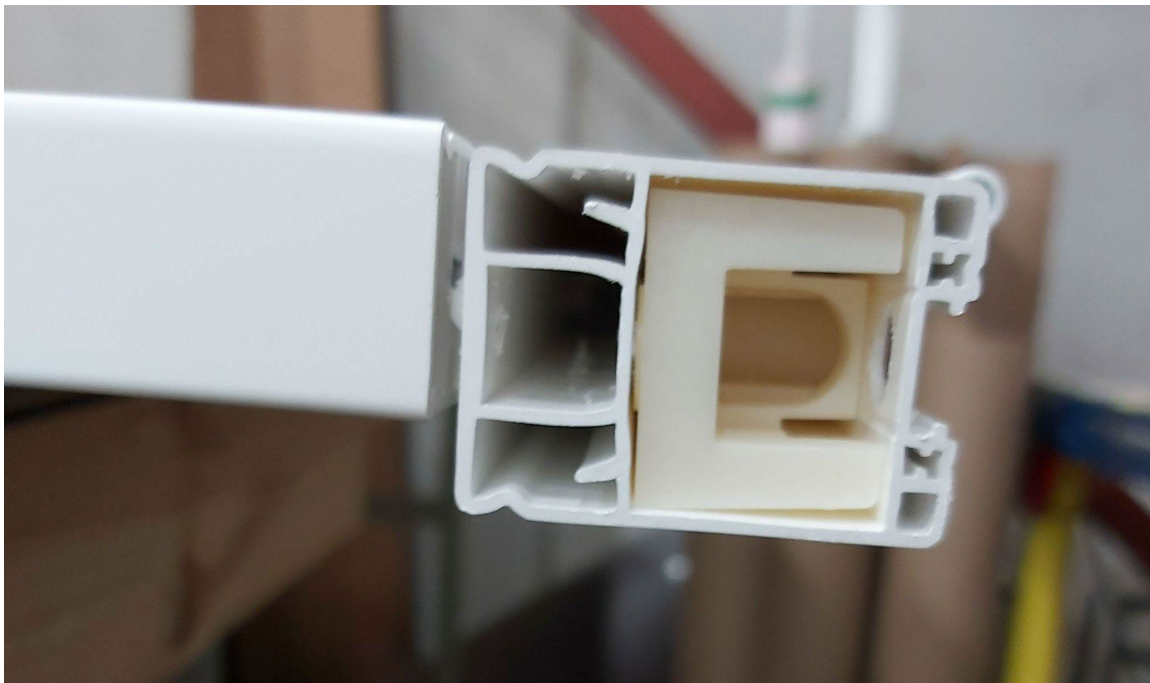
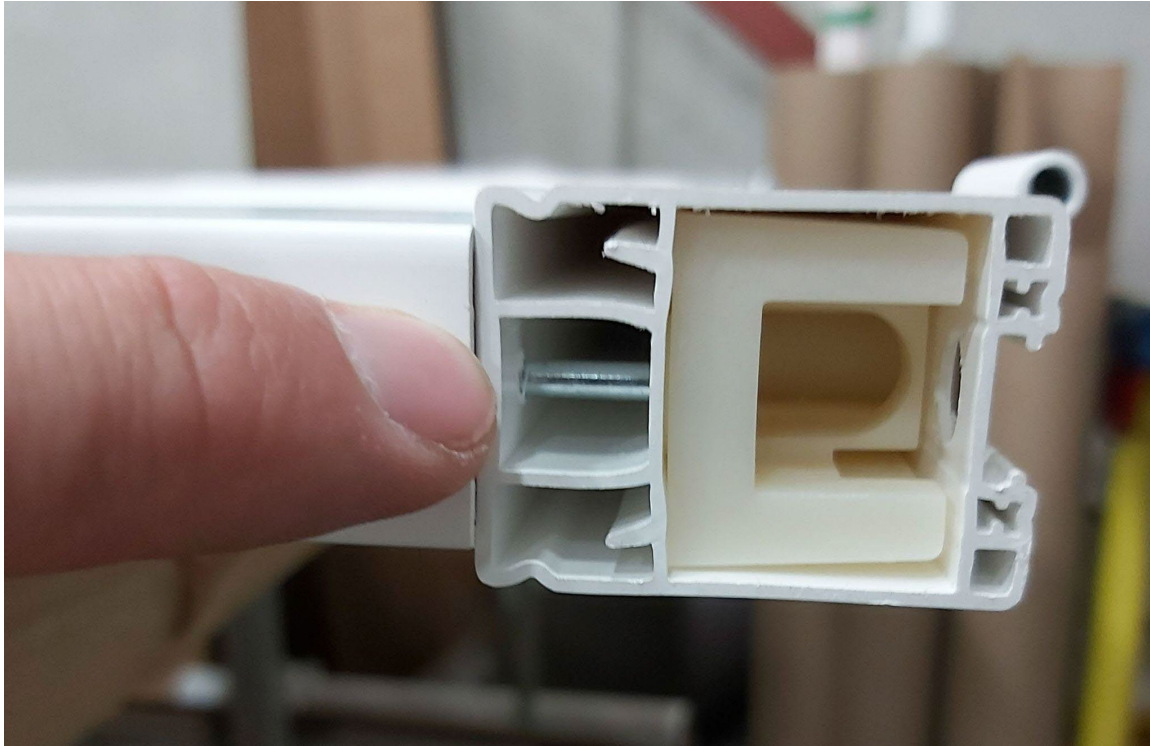
- a. Take off the jamb cap on one or both of the jambs and look down the jamb. You will be able to see if the louver extends through the jamb or if it is halfway into the jamb. The gear louver end cap is longer than a standard louver end cap (this is why you cannot insert tension rod on the gear side)
- b. Whatever side the gear is on, you must work on the other side. If you must work on the hinge side, you will need to loosen all hinges on the jamb in order to slide out the light block to gain access to the rail screws.





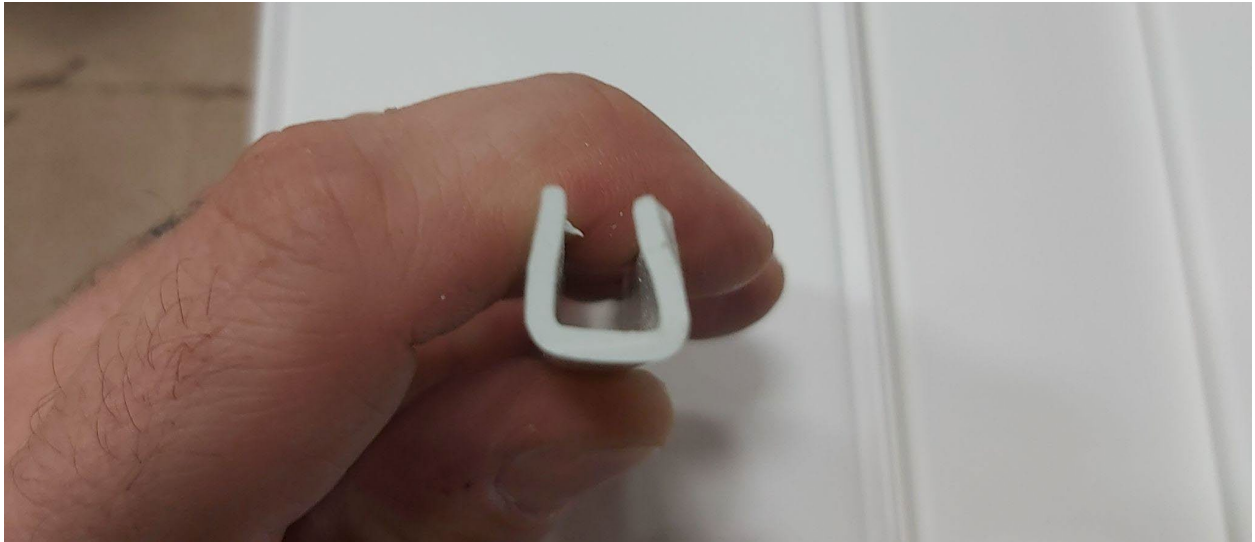
Step 2 - Take Out the Rail Screws

- a. You need to take out the rail screws in order to slide the tension rod into the jamb.
Please ensure that the jamb insert does not fall into the jamb, if need be take it out of the jamb and the reinsert once you are reassembling the panel.



Step 3 - Prepare the Tension Rod

- a. Take the appropriate sized tension rod (large or small) depending on the amount of louvers in the section you are adding tension to or depending on louver size.
- b. Use pliers or snips to bend a corner of the tension rod. It only needs to be bent slightly, this ensures that the tension rod does not slide down to the bottom of the panel through usage.





Step 4 - Inserting Tension Rod

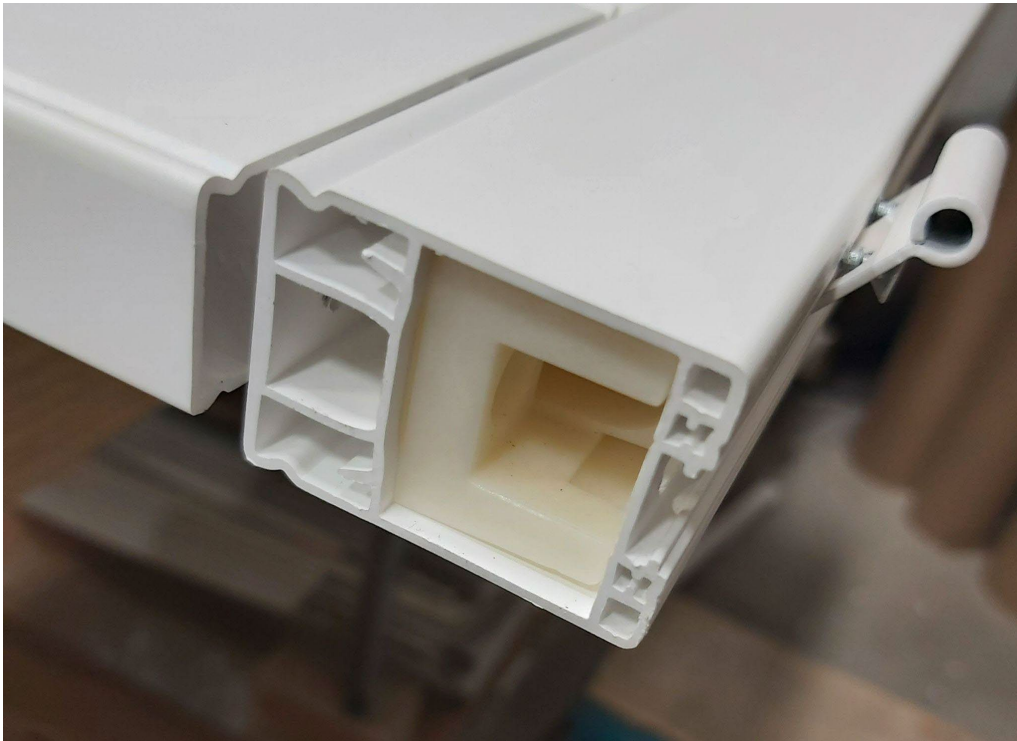
- a. You will need a spare piece of tension rod in order to insert the tension rod being used into the jamb. You can just insert as far as you can possibly can go, or prior to inserting you can place them on the jamb and open the louvers to determine where you are going to place the tension rod and how far you are inserting it into the jamb.



Step 5 - Reassembling the Panel

- b. If you have taken the jamb insert out, be sure to reinsert it back into the jamb prior to reassembly.
- c. Make sure that the square side is facing out of the jamb and the circled end is facing inside the jamb. This affects how the panel locks fit back into the jamb after assembly.
- d. Insert the screws back into the rails, not fully, and tighten slightly until the louvers are snug in the jamb.

- e. From there, you can slide the louvers into the hole in the jamb and have the other side of the louvers come out of the hole slightly. Being gear, the louver will not fully come out and makes it easier for assembly. If you are working with Tilt Bar or Rear Tilt you need to be careful because if you pull too much the louver will pop out of the other jamb (the louver end cap is the same size on both ends when working with Tilt Bar or Rear Tilt)
- f. Once the louvers are aligned in the holes you can now retighten the entire screw into the jamb.

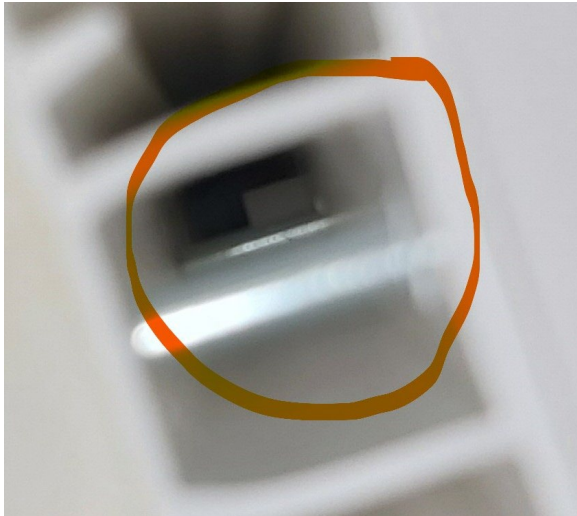


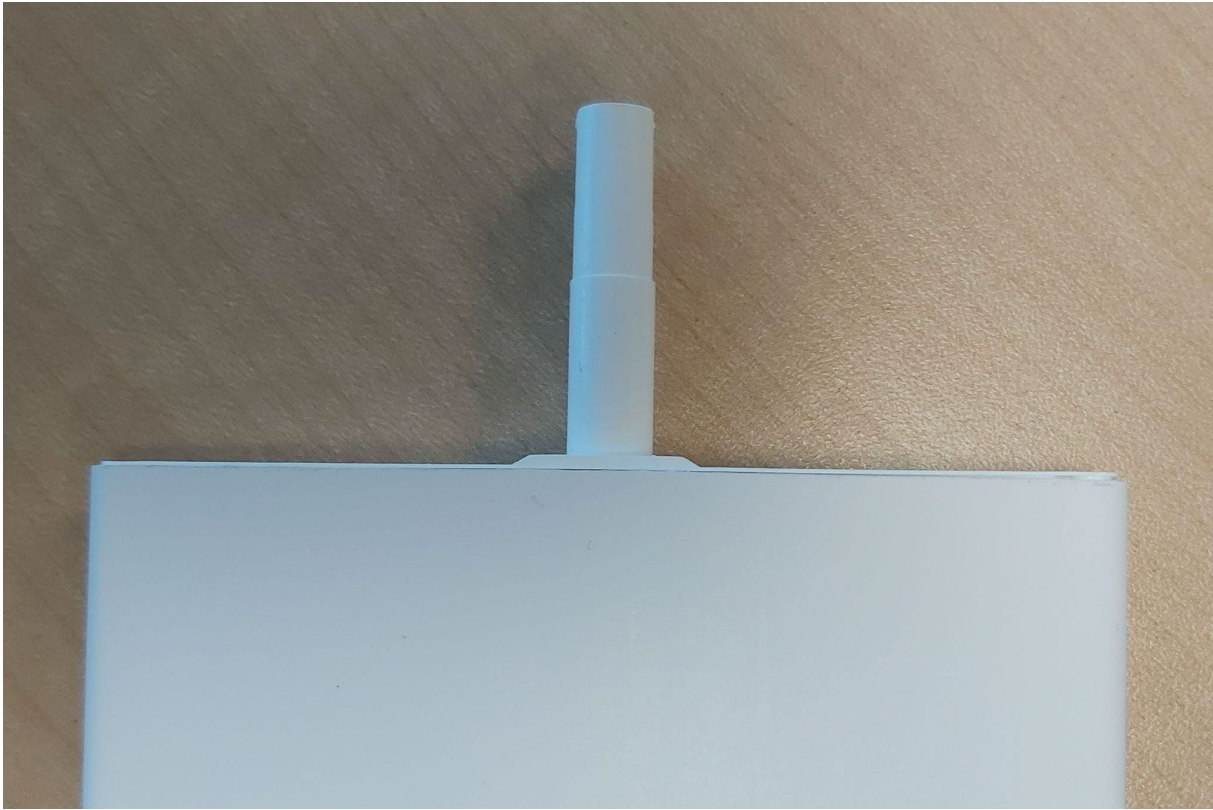


STEPS TO REMOVE TENSION ROD

Step 1 - Determine Which Side the Gear is on

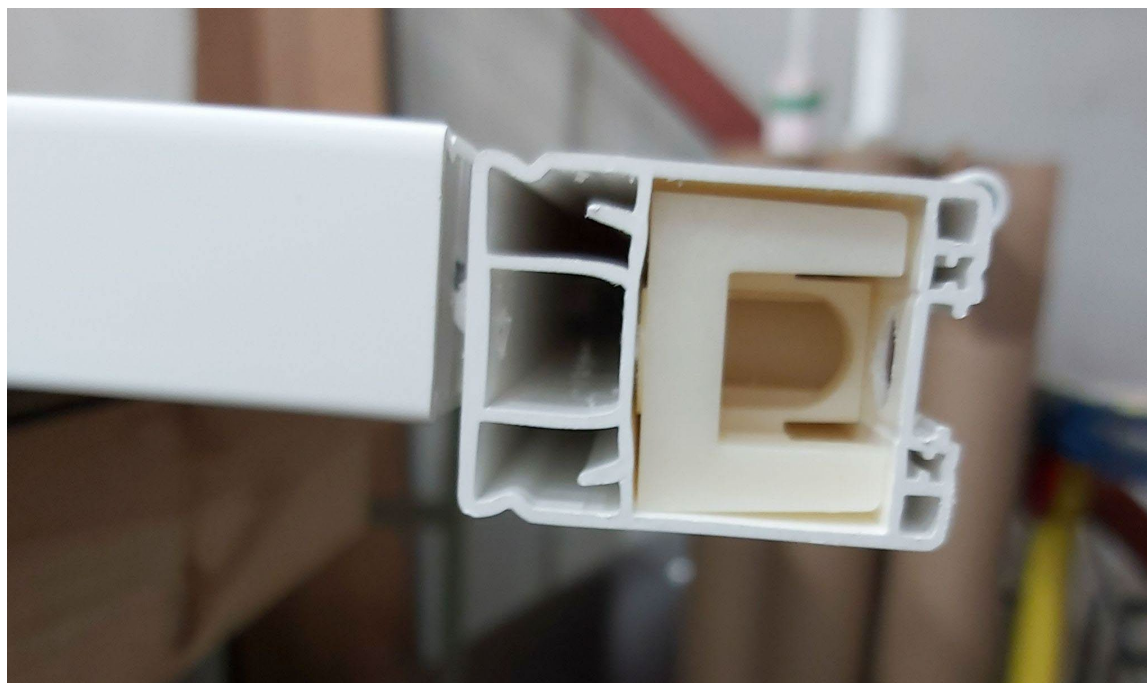
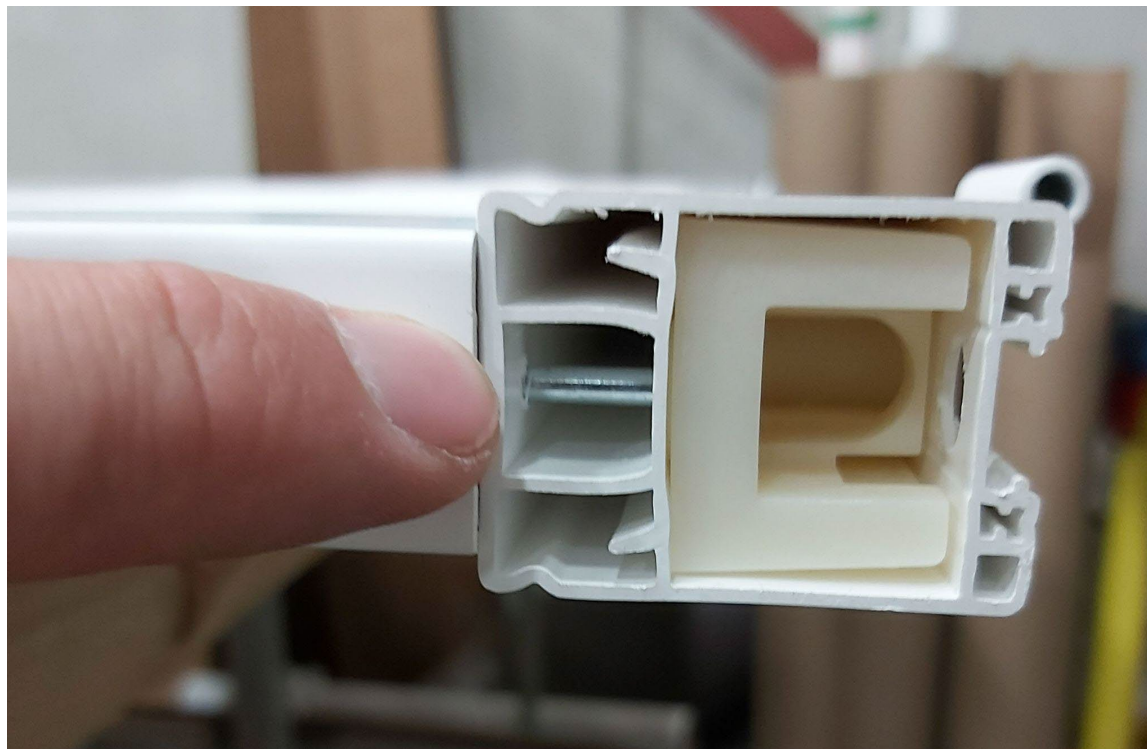
- a. Take off the jamb cap on one or both of the jams and look down the jamb. You will be able to see if the louver extends through the jamb or if it is halfway into the jamb. The gear louver end cap is longer than a standard louver end cap (this is why you cannot insert tension rod on the gear side)
- b. Whatever side the gear is on, you must work on the other side. If you must work on the hinge side, you will need to loosen all hinges on the jamb in order to slide out the light block to gain access to the rail screws.





Step 2 - Take Out the Rail Screws

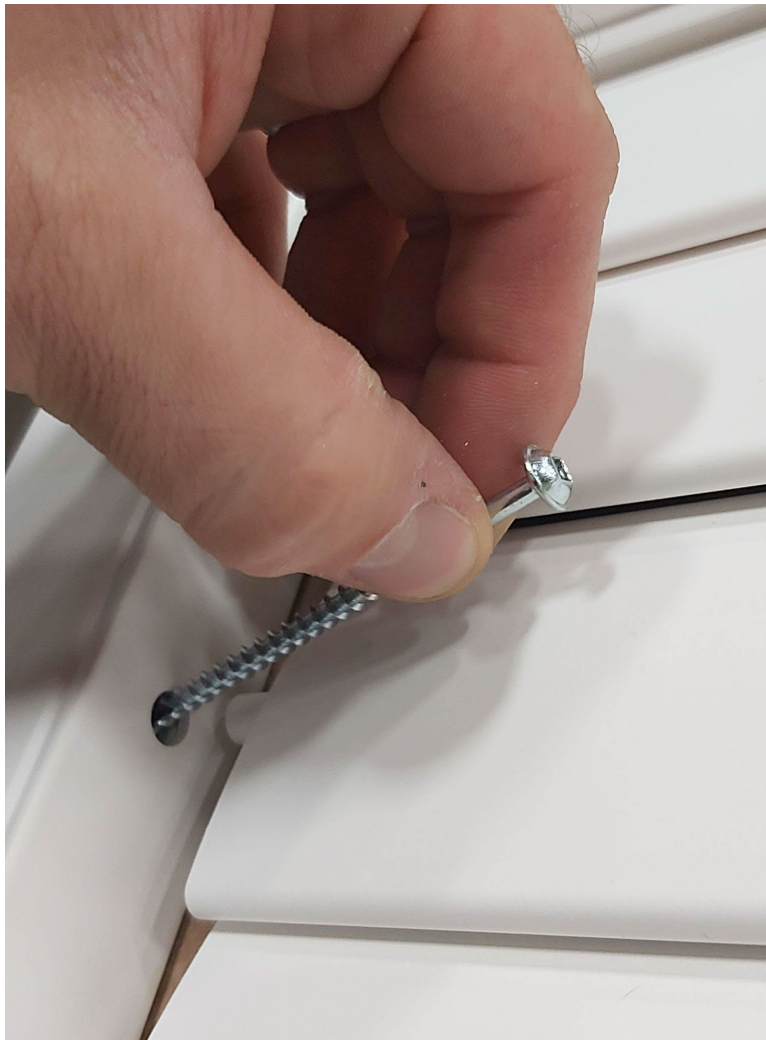
- a. You need to take out the rail screws in order to slide the tension rod into the jamb.
Please ensure that the jamb insert does not fall into the jamb, if need be take it out of the jamb and the reinsert once you are reassembling the panel.



Step 3 - Partially Take Out the Louvers

- a. You will need to pull the jamb apart so that the louvers come out of the jamb so you are able to remove the tension rod
- b. You can either tip the jamb upwards so the tension rod slides out, or you can use a screw or a screwdriver to shimmy the tension rod out of the jamb.





Step 5 - Reassembling the Panel

- a. If you have taken the jamb insert out, be sure to reinsert it back into the jamb prior to reassembly.
- b. Make sure that the square side is facing out of the jamb and the circled end is facing inside the jamb. This affects how the panel locks fit back into the jamb after assembly.
- c. Insert the screws back into the rails, not fully, and tighten slightly until the louvers are snug in the jamb.
- d. From there, you can slide the louvers into the hole in the jamb and have the other side of the louvers come out of the hole slightly. Being gear, the louver will not fully come out and makes it easier for assembly. If you are working with Tilt Bar or Rear Tilt you need to be careful because if you pull too much the louver will pop out of the other jamb (the louver end cap is the same size on both ends when working with Tilt Bar or Rear Tilt)
- e. Once the louvers are aligned in the holes you can now retighten the entire screw into the jamb.

