

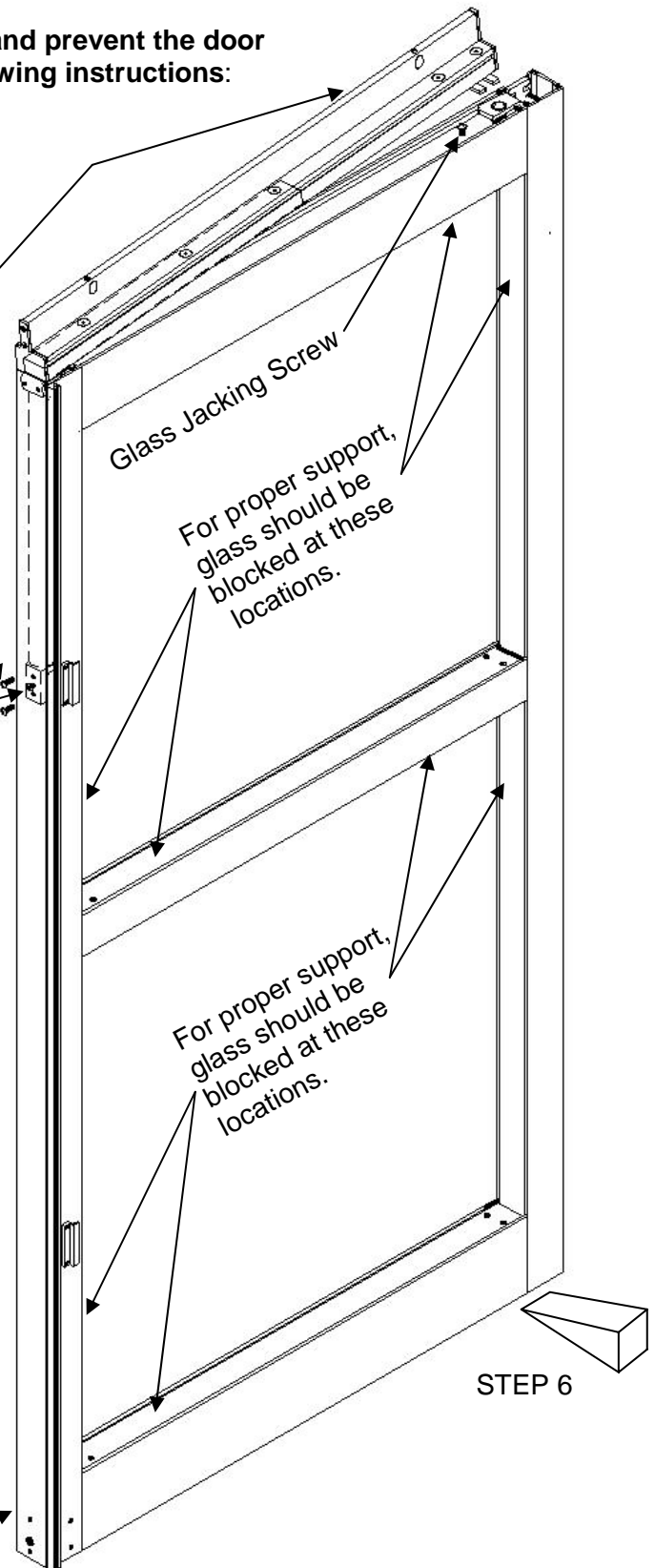
To increase the “lift” of the breakout mechanism and prevent the door from dropping when broken out, perform the following instructions:

1. Insure the glass is blocked properly and in the locations shown at right. Please see location of Glass Jacking Screw to adjust and aid in blocking and preventing the door from dropping when “SX” Panel is in breakout.
2. Breakout the “SX” Panel 6”-8” as shown.
3. Using a 5/32” Allen hex wrench, loosen the two 1/4-20 Button Head socket cap screws located on the back of the vertical pivot stile 18” from the top.
4. Insert a 3/16” Allen hex wrench in the center hole between the two screws and tighten the concealed cap screw clockwise until snug.
5. Using your foot, apply force to the pivot stile below the screws in the direction of the lock stile, lifting the lock stile and the front of the panel.
6. Place a shim/wedge under the lock stile to remain elevated & re-tighten the two 1/4-20 Button Head screws. **Note:** Do not over tighten as this may cause distortion in the aluminum stile.
7. Remove shim/wedge and check for adequate lift support.

To adjust the force required to initiate a breakout, locate the ball catch at the top of the vertical lock stile and rotate it counterclockwise to increase the force required.

STEP 5

APPLY
FORCE



STEP 6



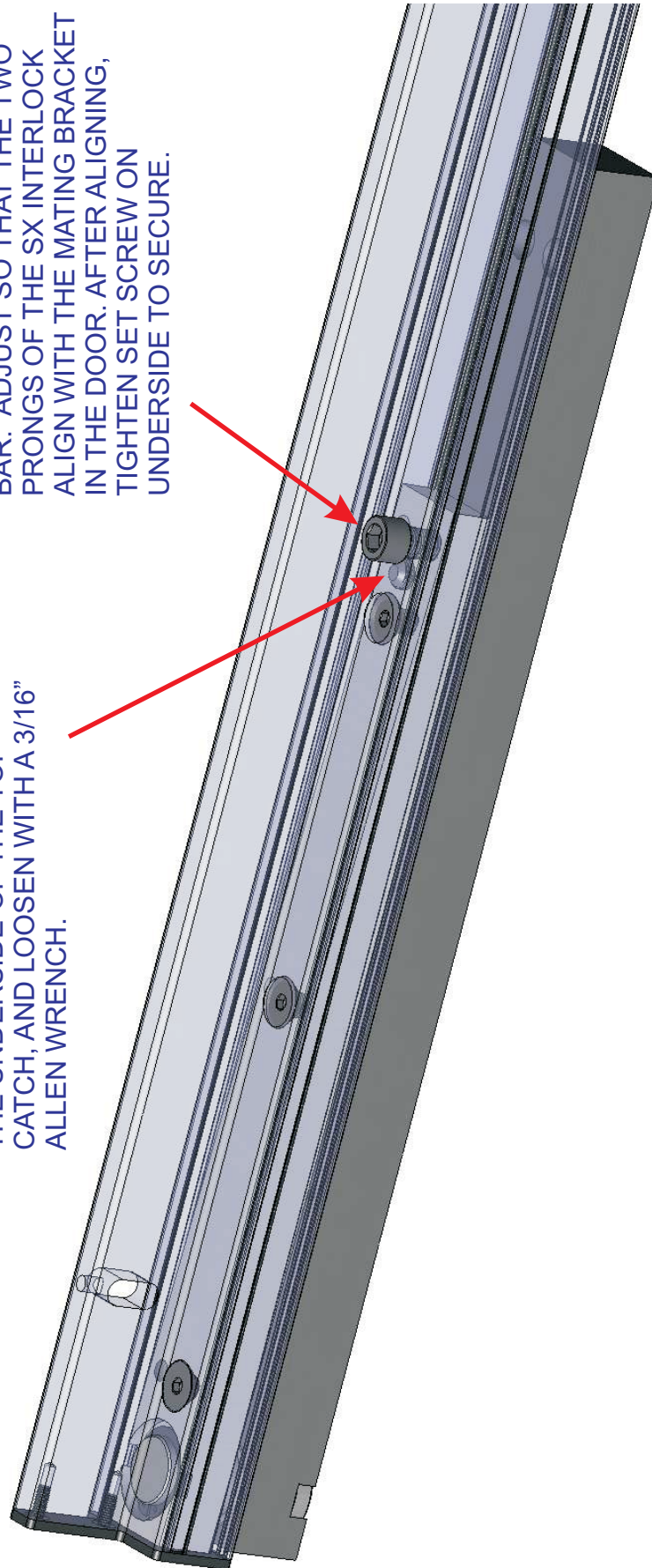
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SERIES 5200 ALL-GLASS "SX" BREAKOUT ADJUSTMENT

OCT'06

2. TIGHTEN THIS SCREW WITH A 5/16" ALLEN WRENCH, PROVIDING ADDITIONAL LIFT BY THE TORQUE BAR. ADJUST SO THAT THE TWO PRONGS OF THE SX INTERLOCK ALIGN WITH THE MATING BRACKET IN THE DOOR. AFTER ALIGNING, TIGHTEN SET SCREW ON UNDERSIDE TO SECURE.

1. BREAK OUT THE PANEL, LOCATE THE HEAD OF THIS SET SCREW IN THE UNDERSIDE OF THE TOP CATCH, AND LOOSEN WITH A 3/16" ALLEN WRENCH.





SX BREAKOUT ADJUSTMENT & TROUBLESHOOTING

May'07

To minimize the drop of a large sliding door when breaking it out, please follow the checklist below:

1. Verify the glass setting blocks in the SX panel are placed in the proper locations around the glass as per page 11 of the Series 5100 Installation Instructions.
2. Verify the top pivot / breakout mechanism is adjusted for maximum lift as described on page 11 of the Series 5100 Installation Instructions.
3. Verify a door wheel is installed in the bottom of the vertical lead stile of the door.
4. Lower the door as much as possible by adjusting the ¼-20 height adjustment screws on top of the door (see page 9 of the Installation Instructions). The door and door wheel should not be contacting the threshold/floor when the door is not broken out. A nominal clearance of 1/8" is desired.
5. With the door slightly broken out, inspect for any misalignment between the two fingers on the underside of the top carrier assembly and the mating stamping in the top of the vertical lead rail. If required, bend the outside end of the fingers downward slightly until the fingers properly align.

