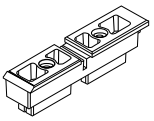
SERVICE INSTRUCTION

Sliding Patio Door Astragal Anchor / End Seal, Astragal Extension and Joining Block Replacement

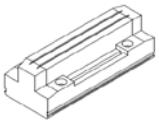
Tools Required:
- #2 Phillips screwdriver
- Hook tool or flat blade screwdriver
- Stiff Putty knife
- Pliers



3-Panel Astragal Anchor/End Seal



4-Panel Astragal Extension



4-Panel Joining Block

1 Prep for Astragal Removal – 3-Panel Doors:

A. **Unlock and open the vent panel past the anti-lift clips** or move the clips out from above the panel. Remove the vent panel. Lift panel 1" vertically to allow the bottom to come out of the track toward the interior and remove vent panel from frame. Place panel in a safe location.







B. **Use a hook tool or flat blade screwdriver** to lift one end of the threshold cover out of the track. Remove the threshold cover.





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1 Prep for Astragal Removal – 3-Panel Doors (continued):

C. **Use pliers, a hook tool or flat blade screwdriver** to lift one end of the sill track out of the track. Remove the sill track.





2 Astragal Removal – 3- & 4-Panel Doors:

A. **<u>3-Panel doors only:</u>** Remove the astragal cover, pry from one end and pull the cover away from the astragal.





B. **Remove the astragal attachment screws.**



C. **<u>3-Panel doors only:</u>** Remove the astragal end cap/seal attachment screws at the head and sill of the frame.





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2 Astragal Removal – 3- & 4-Panel Doors (continued):

D. **Pull the astragal away from the single fixed panel** (3-Panel doors) or away from the joining panel (4-Panel doors) and tilt the top down to remove from the frame.

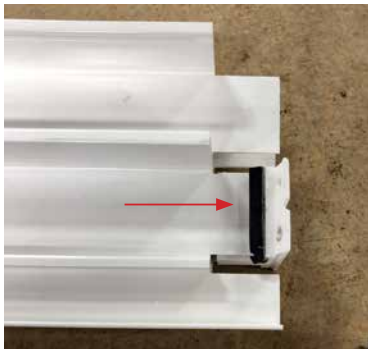


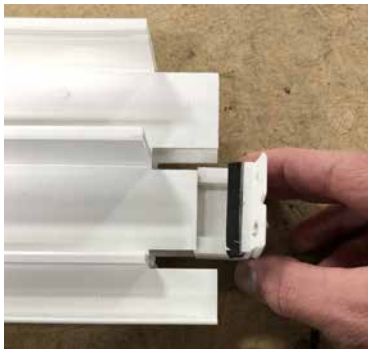




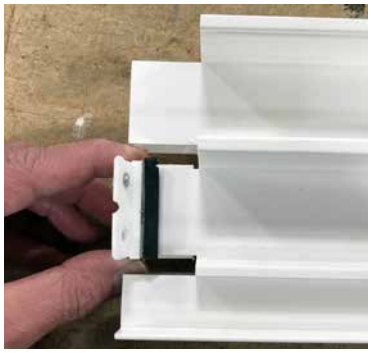
3 3-Panel Door Astragal Anchor / End Seal Replacement:

A. **Remove the astragal anchor**/end seal from each end of the astragal.



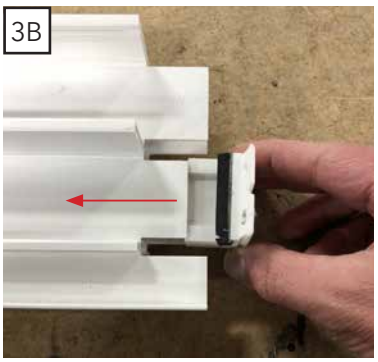


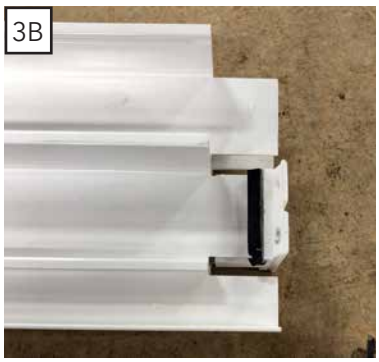


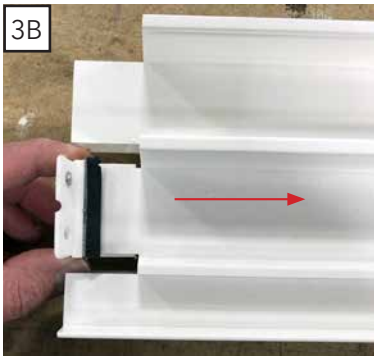


3 3-Panel Door Astragal Anchor / End Seal Replacement (continued):

B. **Insert the astragal anchor**/end seal into each end of the astragal.





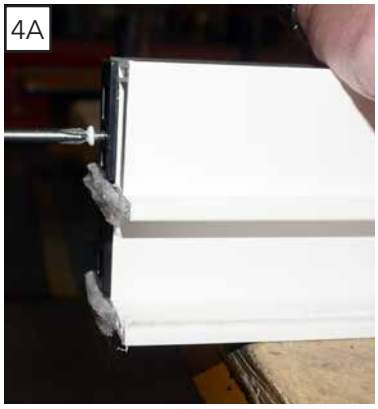




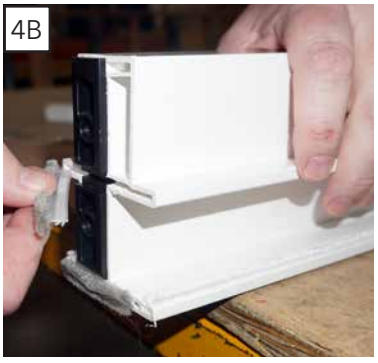
4 4-Panel Door Astragal Extension Replacement:

A. **Place the astragal on a solid flat working surface** with the widest surface facing down. Remove the astragal extension attachment screws.





B. **Remove the two pieces of weatherstrip.**



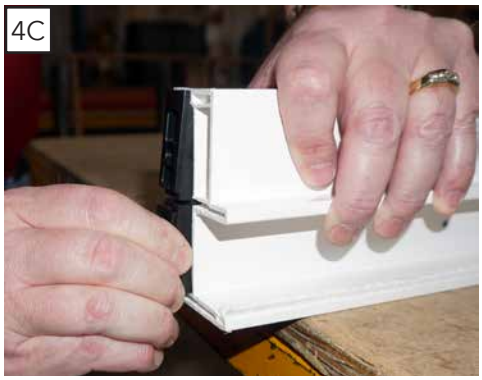


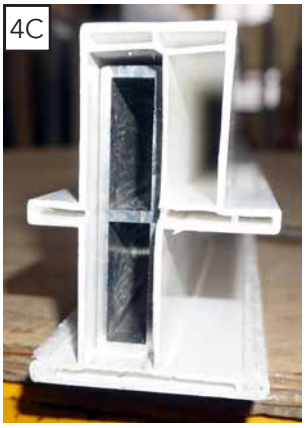
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4 4-Panel Door Astragal Extension Replacement (continued):

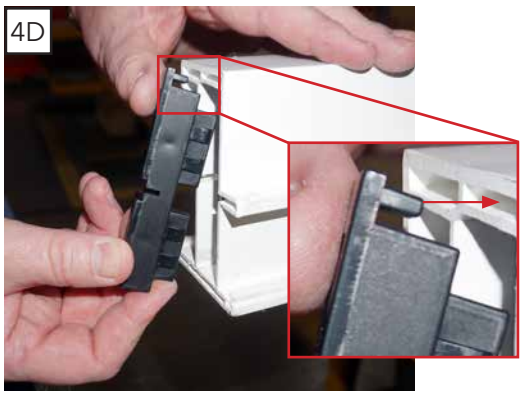
C. **Remove the astragal extension** from the end of the astragal. If needed, use a flat blade screwdriver to pry one end of the extension to start the removal.

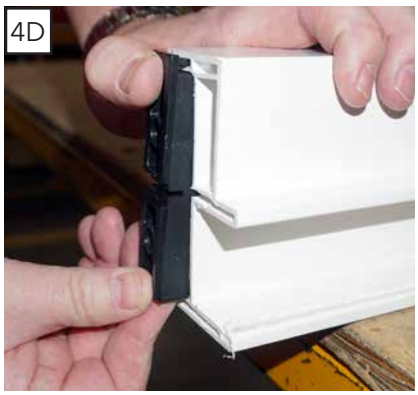






D. **Insert the astragal extension** as shown, making sure the extension tab is facing up so it will be installed into the slot on the top end of the astragal. The astragal extension must be tight against the end of the astragal.

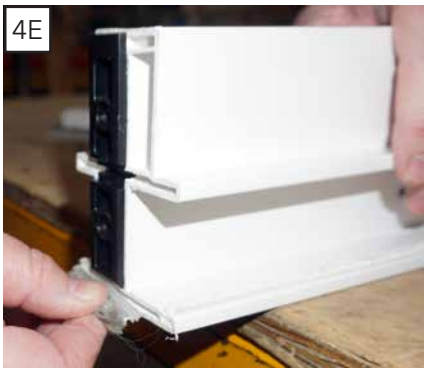






E. **Install the two pieces of weatherstrip** and press into place.

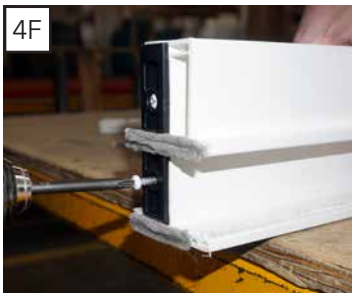
Note: The weatherstrip in the center of the astragal extension is longer than the other piece of weatherstrip.







F. **Install the astragal extension attachment screws.**





5 Astragal Installation – 3- & 4-Panel Doors:

A. **3-Panel doors only**: Position the astragal in the frame with the anchors in exterior fixed panel track.





B. **3-Panel doors only:** Position the astragal against the fixed panel.





C. **4-Panel doors only**: Position the astragal against the joining panel.







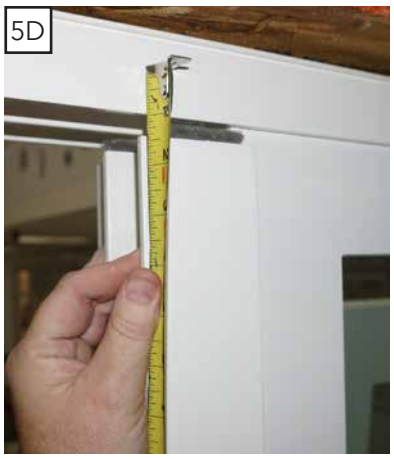


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5 Astragal Installation – 3- & 4-Panel Doors: (continued)

D. **4-Panel doors only**: Place shim(s) under the bottom of the astragal to provide an even gap between the astragal at the top and bottom of the frame.





E. **Install the #8 x 2-1/4" screw** from through the astragal into the fixed panel on 3-Panel doors or into the joining panel on 4-Panel doors at each pre-drilled hole.









F. **3-Panel doors only:** Align and insert one end of the astragal cover in the open astragal pocket and continue to position the cover in the pocket along the length of the astragal.







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5 Astragal Installation – 3- & 4-Panel Doors: (continued)

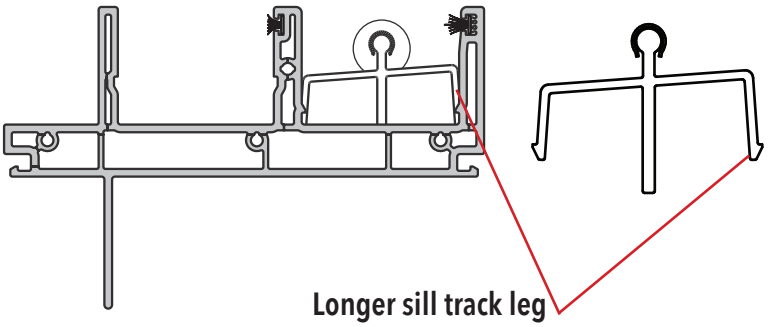
G. **3-Panel doors only:** Press the cover along the length of the astragal to make sure it is fully seated in the pocket.





H. **3-Panel doors only:** Re-install the sill track with bumper into sill. Make sure the longer outside track leg is toward the interior and the shorter leg toward the exterior. The sill track must slope toward the exterior. The bumper goes against the frame on the fixed panel side. Push down until the track "snaps" into position.





6 Threshold Cover Installation – 3-Panel Doors:

A. **Install the threshold cover.** Insert the threshold cover end into the exterior sill track and press down into place.







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7 Vent Panel Installation – 3-Panel Doors:

A. **Confirm the anti-lift clip(s)** in the head are out of the way before re-installing the vent panel.

B. **Insert the top of the vent panel** into the interior head track and slide the bottom of the panel into vertical alignment, making sure the rollers are aligned with the sill roller track.





C. **Slide the anti-lift clips** to above the "closed" vent panel position.

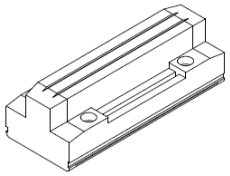




D. **Adjust vent panel rollers** and/or lock strike if needed.

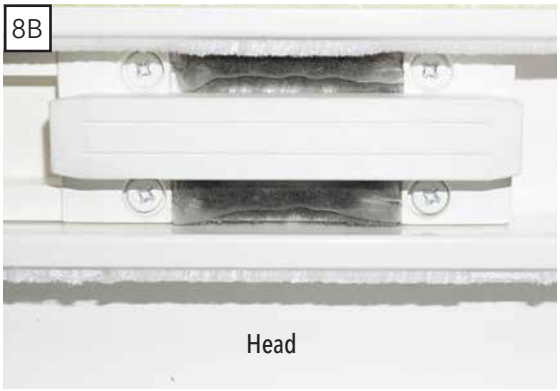
E. **Close and lock the vent panel.**

8 Joining Block Replacement 4-Panel Doors:



A. **Unlock and open the vent panel and the joining panel.**

B. **Remove the 4 attachment screws.**





C. **Use a stiff putty knife to start the block removal.** If needed, position the tip of a flat blade screwdriver under the block and pry up. Remove joining block from frame.





D. **Insert block into the frame and snap into place.** Position the block aligned with the screw holes. Sill joining block shown.





E. **Insert and tighten the 4 attachment screws.**

F. **Close and lock the vent panel and joining panel.**



