

	8100 Bulb Seal Removal & Replacement SOP	SOP #	CS-BSR-11062023
		Version #	1.0
		Revision #	
		Implementation Date	11/6/23
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Facility Name	Clayton Supply	Approval	



PURPOSE: To show steps required to remove and replace the Bulb Seal on the bottom of 8100 Series Single Hung sashes.

EQUIPMENT REQUIRED: Replacement Bulb Seal (upon request from window manufacturer), thin and small Flathead screwdriver, silicone with applicator

The 8100 Series product calls for use of a type of weatherstripping known as Bulb Seal. The bulb seal cannot run the full length of the Sash Bottom Rail. This will cause issues with any water passing from the interior side of the sill to the exterior. This is prevented by cutting the bulb seal so a 1-1/2in gap is left on each end of the Sash Bottom Rail.

REMOVAL OF THE SASH

To replace the bulb seal on the sash we must first remove the sash from the Vinyl Frame. This can be done by unlocking the window, raising the sash halfway, and pulling the Lock Rail away from the frame while disengaging the Tilt Latches on the ends of the Lock Rail.

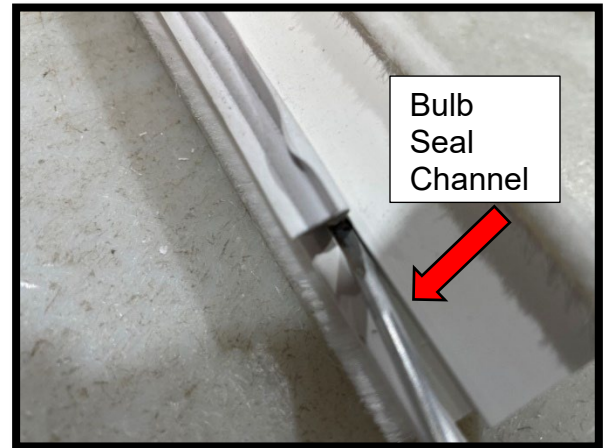
Once Lock Rail is free of the window frame, hold the sash parallel to the ground and push down on either the left or right side of the Sash Bottom Rail to offset the balances and release the sash from the frame.

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REMOVAL OF THE BULB SEAL

To remove bulb seal from the Bottom Rail, first remove any remaining silicone applications on the ends of the installed bulb seal before continuing. The Flathead screwdriver can assist with breaking the seal free.

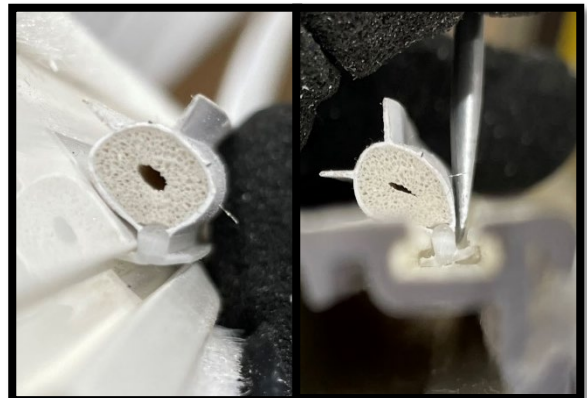
Working the screwdriver under the plastic fin of the Bulb Seal, free the plastic fin from the seal channel. Once freed, remove the Bulb Seal from the Bottom Rail pulling along the Bulb Seal channel. Remove any silicone residue/applications before reinstalling Bulb Seal. This leftover hardened silicone could prevent a clean install if not removed.



INSTALLING THE BULB SEAL

Lay new bulb seal along the length of the Sash Bottom Rail. Cut Bulb Seal so new piece is 1-1/2in away from both ends of the Bottom Rail. This prevents any blocking of the weep areas of the Frame Sill.

Start by placing one side of the Bulb Seal into one side of the Seal Channel as shown (Left). Either side can be inserted first. Place the blade of the Flathead screwdriver on the opposite side of the fin and press into place as shown (Right).



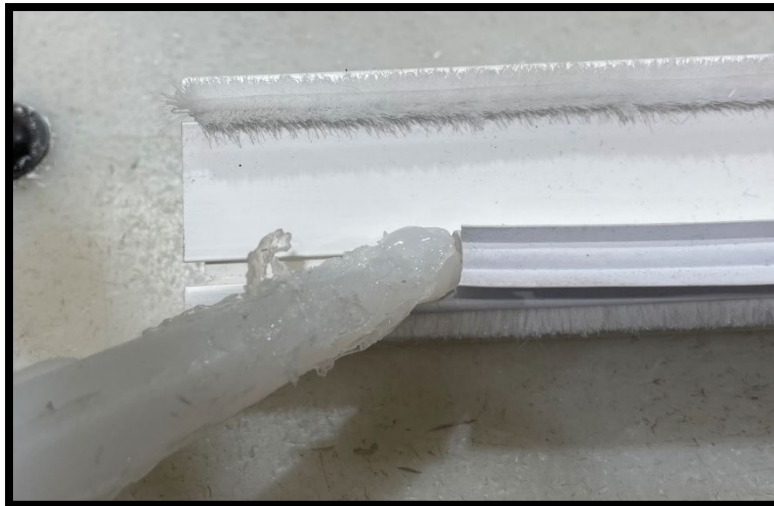
While holding one end of the Bulb Seal and pressing down firmly with the Flathead screwdriver on the fin, slide the bit down the channel. This will pull the fin into the channel as required.

Repeat this step as necessary to ensure both sides of the Bulb Seal fin are fully inserted into the channel. After install is complete, flex the Bulb Seal side to side to test fitment.



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After confirming fitment of the Bulb Seal, apply silicone at both ends of the Bulb Seal to prevent movement.



REINSTALL OF SASH FRAME

Repeat sash installation steps in reverse order to complete sash install and Bulb Seal replacement process.