

REFERENCE:	Nova Bus Manuals
SECTION:	03: Windows
RS N°:	MQR 7621-1893
EFFECTIVE IN PROD.:	LC40 (2020FE)

APPLICATION DEADLINE: 2021AL01
CLAIM REFERENCE NUMBER: WB-4709

SUBJECT:	Driver window
JUSTIFICATION:	The driver stationary and sliding glass can brake or crack

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Install MV122 Mullion retrofit kit	Nova Bus	Nova Bus	30 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N8910149	–	MV122 MULLION RETROFIT KIT	–
2	N8907815	–	SCREW #8-32 x 0.5" 18-8 SS BLACK OX	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 42 days once your order has been placed. To order, please contact Prevost Parts by phone at 1-800-771-6682, by fax at 1-888-668-2555 or by email at prevostparts.commandes@volvo.com. Specify document number, quantity of parts required and shipping address.

DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED *	RETAINED	* Dispose of the unused parts and the defective parts in accordance with local environmental standards in effect.
	Yes	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2019OC25	Initial release	Annie St-Jacques
R1	2020JA30	Orders added in client list	Annie St-Jacques

APPROVED BY:

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Symbol	Meaning
Empty Field	No changes, the procedure applies
+	Contract added, the procedure applies
-	Contract removed, the procedure does not apply

SYMBOL	CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
			FROM	TO	FROM	TO	
	Calgary Transit - Alberta	LB85	8355	8362	L82K9J9776916	L82K6J9776923	8
	Calgary Transit - Alberta	LB91	8363	8394	L82K3K9777030	L82K1K9777074	32
	Calgary Transit Alberta - CNG	LC69	8395	8434	L82K2K9777388	L82K8K9777427	40
	Calgary Transit Alberta - CNG	LC94	8435	8464	L82K5L9777497	L82K8L9777526	30
	Demo- Altoona HEV BAE (REF LA95)	LB38	—	—	L82L7H3750940	L82L7H3750940	1
	Lethbridge Alberta	LB95	193	198	L82J1K3751894	L82J0K3751899	6
+	Maryland Transit Authority - MTA	LB82	20001	20001	L82J8K9777273	L82J8K9777273	1
+	Maryland Transit Authority - MTA	LB83	20031	20031	S92J9K9777288	S92J9K9777288	1
	Mississauga Ontario	LC26	1901	1910	L82L9K3751966	L82LXK3751975	10

**WARNING**

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

**NOTE**

Retain the hardware removed during the procedure for later reinstallation unless otherwise specified.

PROCEDURE

- 1.1. Remove the screws that secure the sash strike.

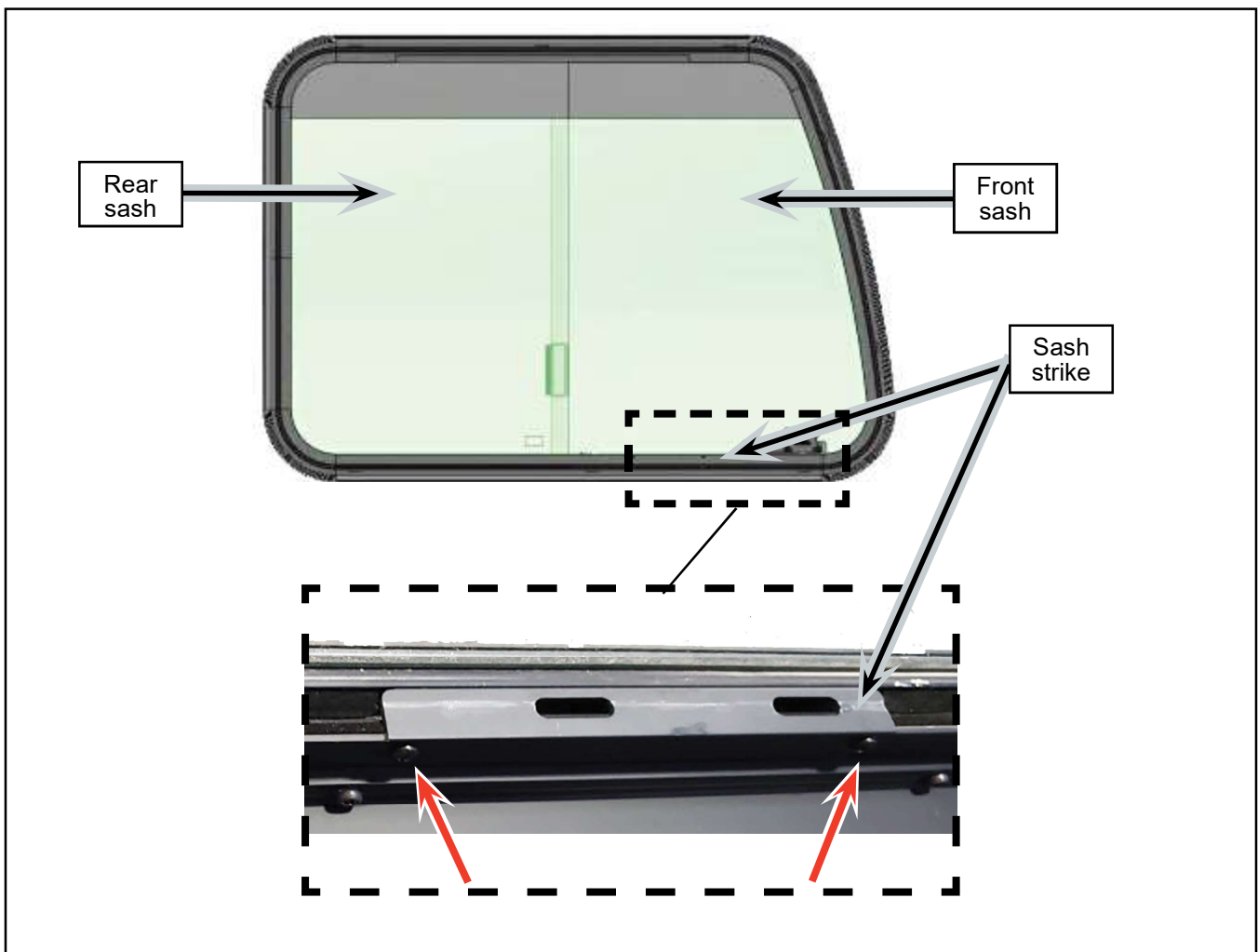


Figure 1 - Remove the Screws to Remove the Sash Strike (Your Configuration May Differ)

1.2. Remove and discard the two sash stops located on the inside and outside upper tracks.



Figure 2 - Sash Stops Location

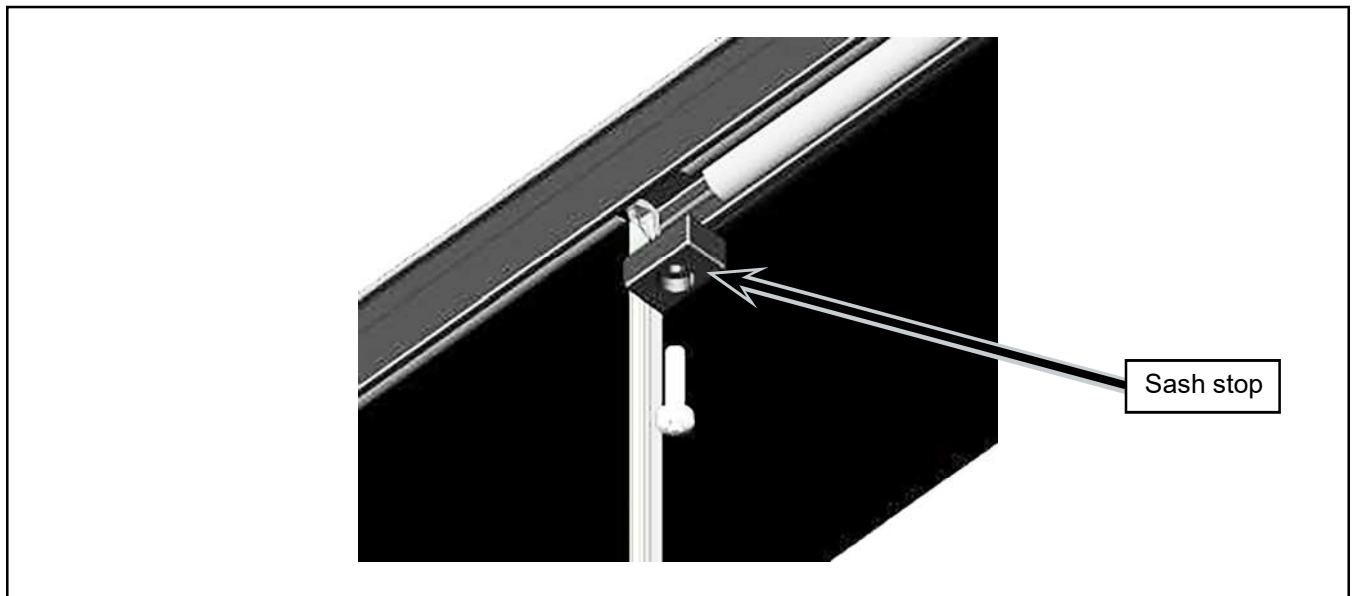


Figure 3 - Remove and Discard the Two Sash Stops (Only One Stop is Shown)

1.3. Remove the round sash stop.

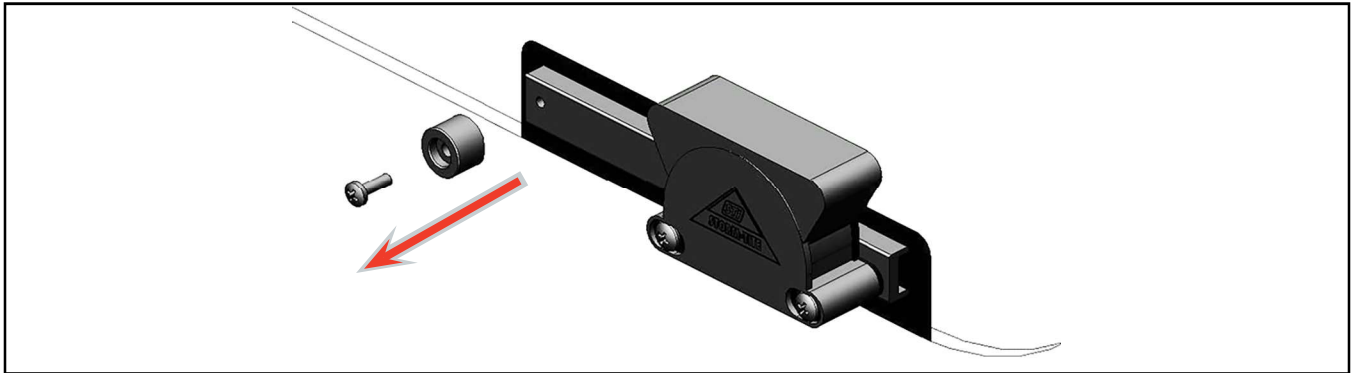


Figure 4 - Remove Round Sash Stop

1.4. Being inside the bus, slide back the rear sash. Locate the frame insert and the flocked channel.

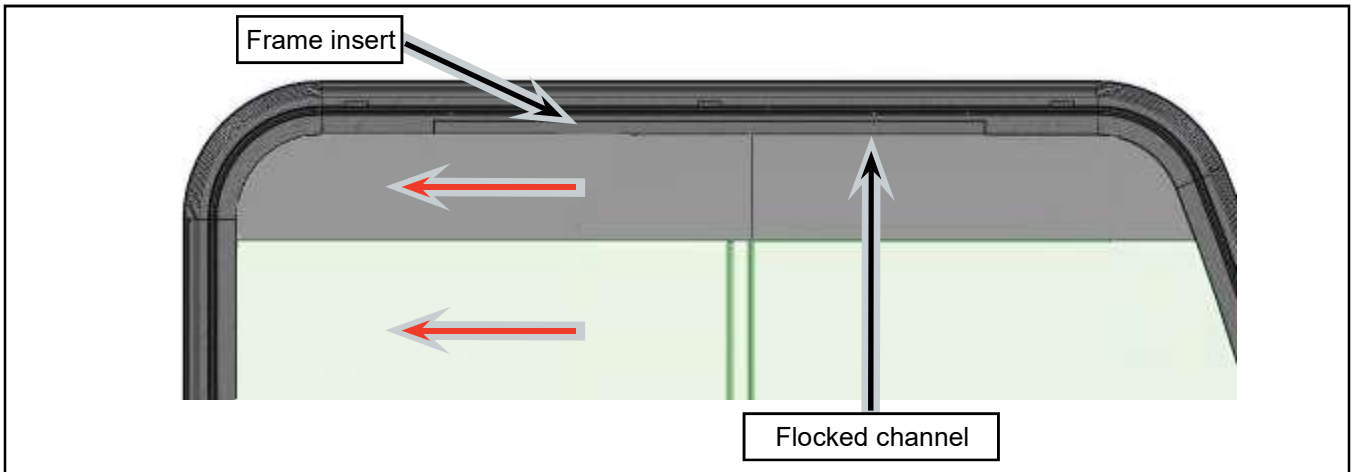


Figure 5 - Slide Back Rear Sash

1.5. Remove the flocked channel to access the screws of the frame insert and remove them.

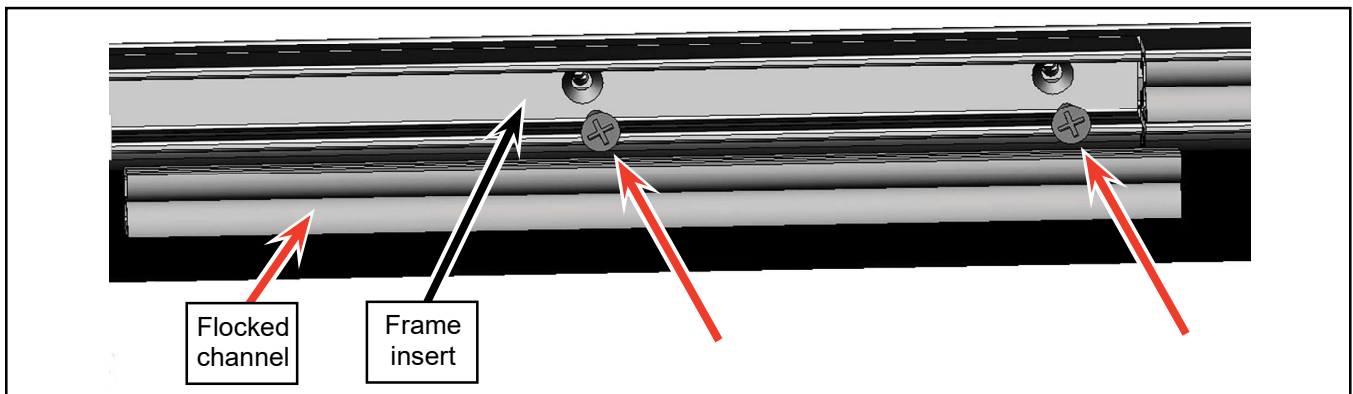


Figure 6 - Remove Flocked Channel and Screws

1.6. Slide the rear sash forward.

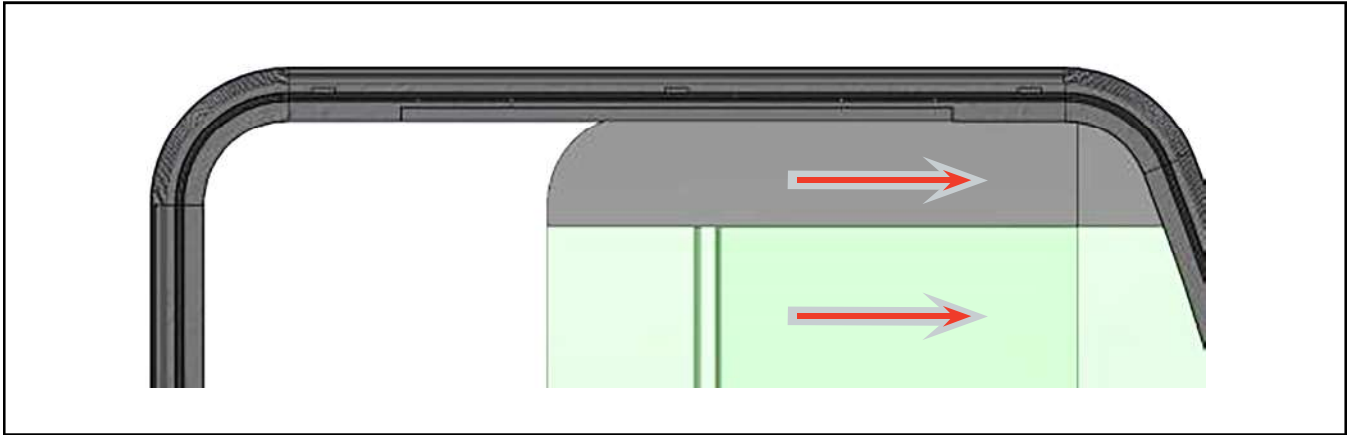


Figure 7 - Slide the Rear Sash Forward

1.7. Remove the flocked channel to access the other half section of the frame insert. Remove the two screws.

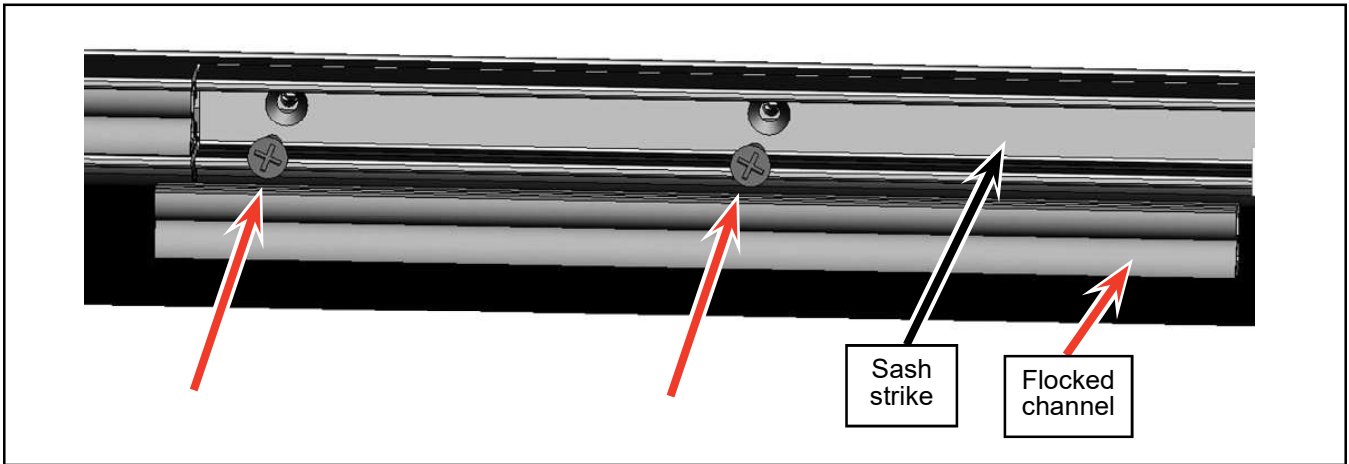


Figure 8 - Remove Flocked Channel and Screws

- 1.8. Slide the both sashes to position them in the middle of the frame insert.



Figure 9 - Slide Sashes in the Middle of the Frame Insert

- 1.9. Carefully remove the rear sash and frame insert as one unit by grasping the edges as close to the top as possible and gently pulling towards the interior of the bus. Then remove the front sash to secure it.

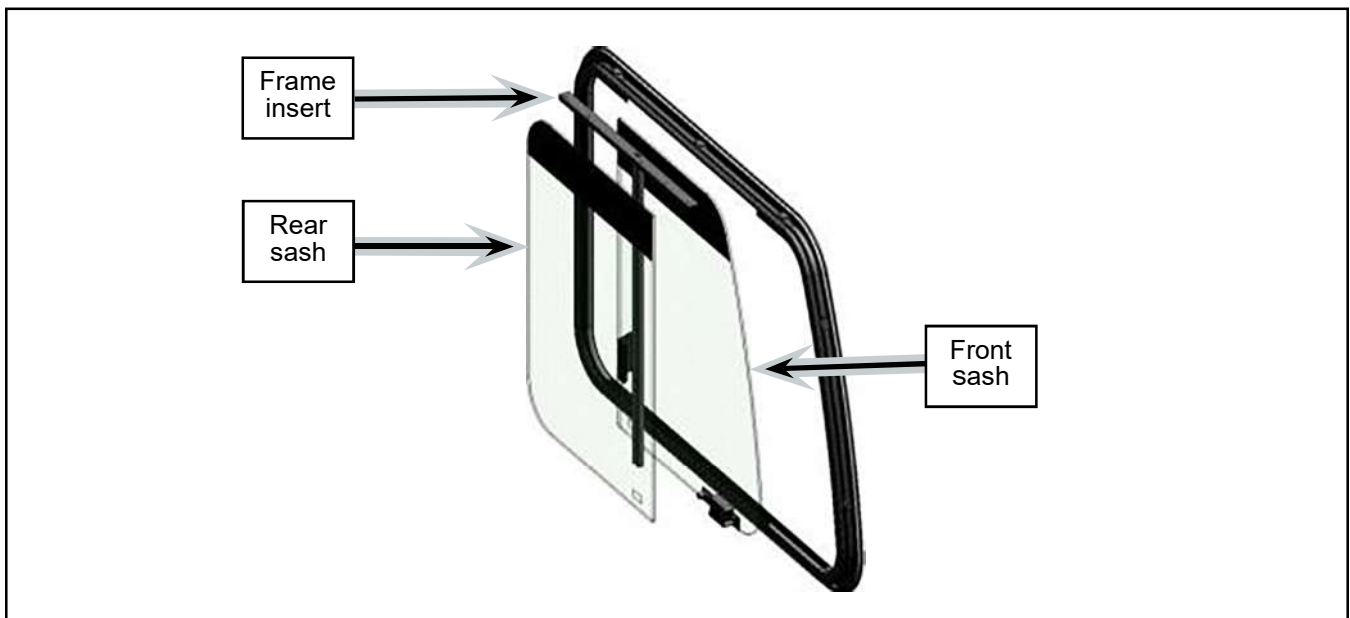


Figure 10 - Remove Rear Sash with Frame Insert, then Front Sash

1.10. Seal the two holes created by removing the sash stops at step 1.2 with Butyl 757 (N32989) or equivalent.

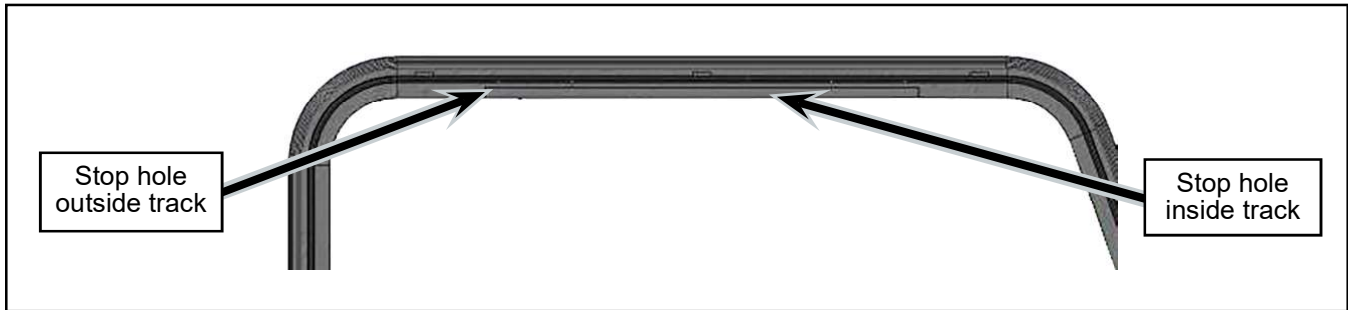


Figure 11 - Seal two Holes

1.11. Remove the two fasteners holding the current meetrail to the frame insert. Discard meetrail and fasteners.

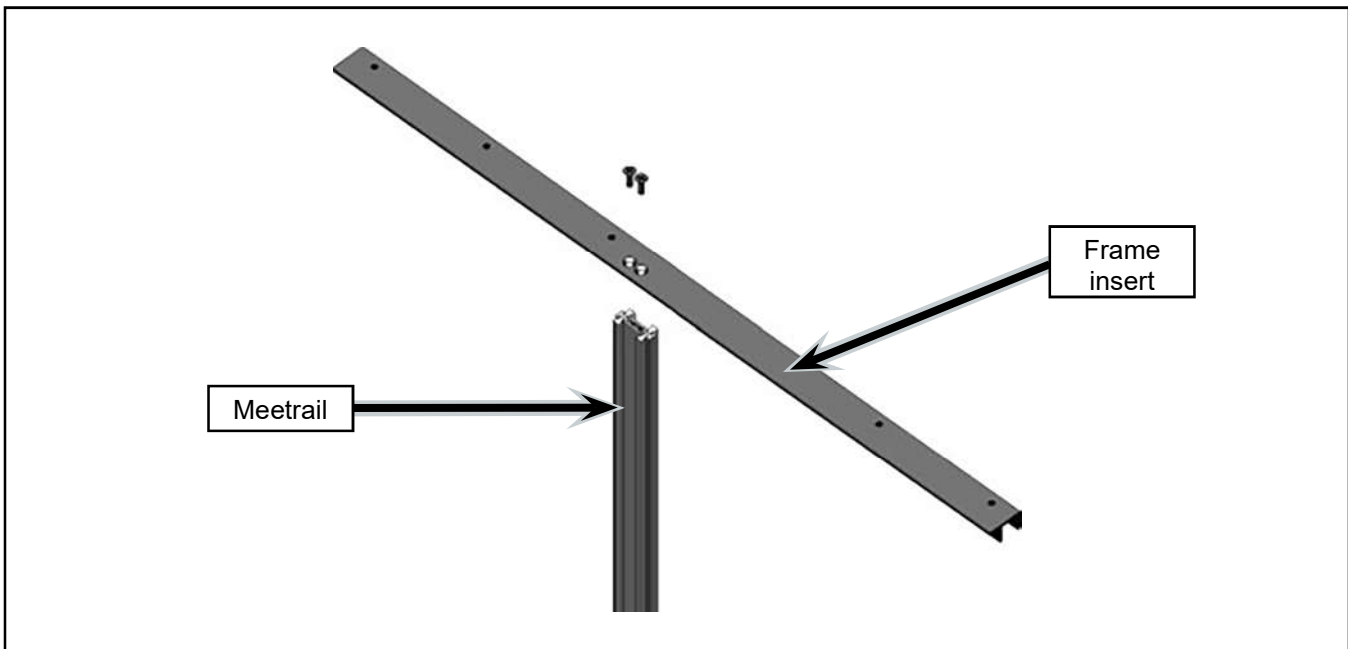


Figure 12 - Remove and Discard meetrail and Fasteners

- 1.12. Reinstall the front sash by inserting the sash in the bottom outside track. Tilt the sash into the correct position within the frame insert opening. Then slide the sash forward the bus in close position.

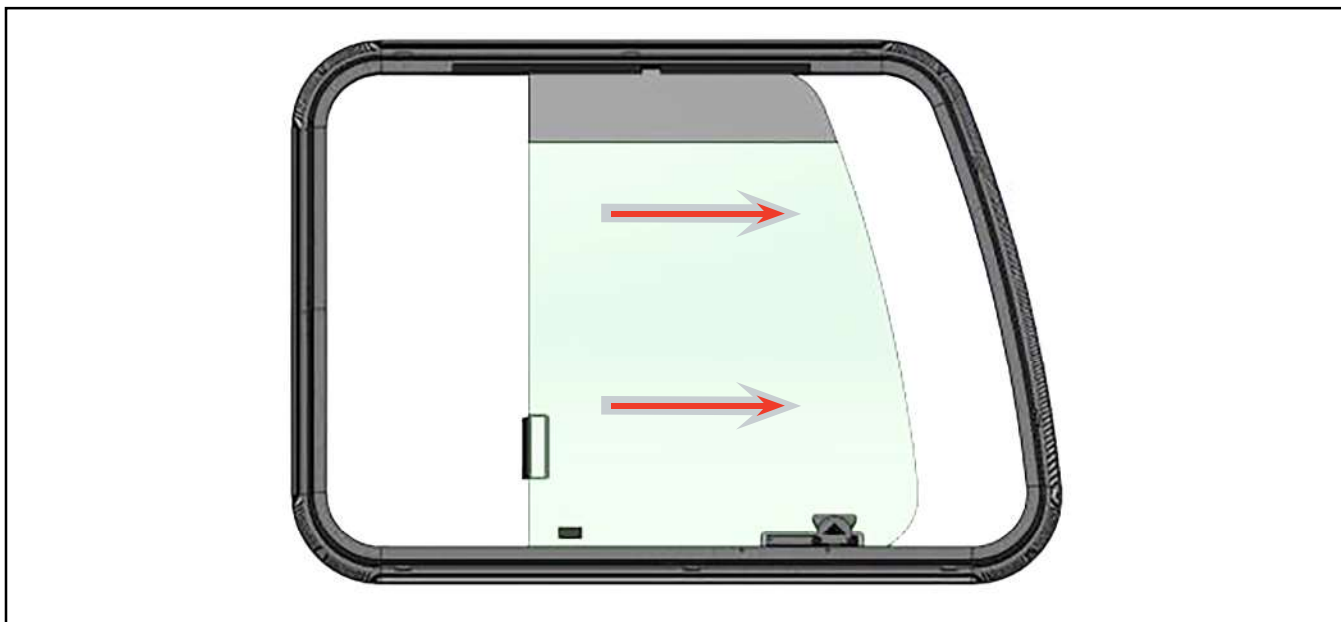


Figure 13 - Install Front Sash and Slide in Close Position

- 1.13. Place the frame insert on top of the rear sash.
1.14. Insert the sash in the bottom inside track. Tilt the sash into the correct position within the frame insert opening. Then slide the rear sash backward the bus in close position.



Figure 14 - Install Rear Sash and Slide in Close Position

- 1.15. Secure the frame insert using the two fasteners removed in step 1.5 and reinstall the flocked channel. Then slide rear sash into open position and install the two fasteners and flocked channel removed in step 1.7.

- 1.16. Install the mullion on the rear sash by inserting the milled end of the mullion into the lower track and rotation the top so it lines up the upper track.

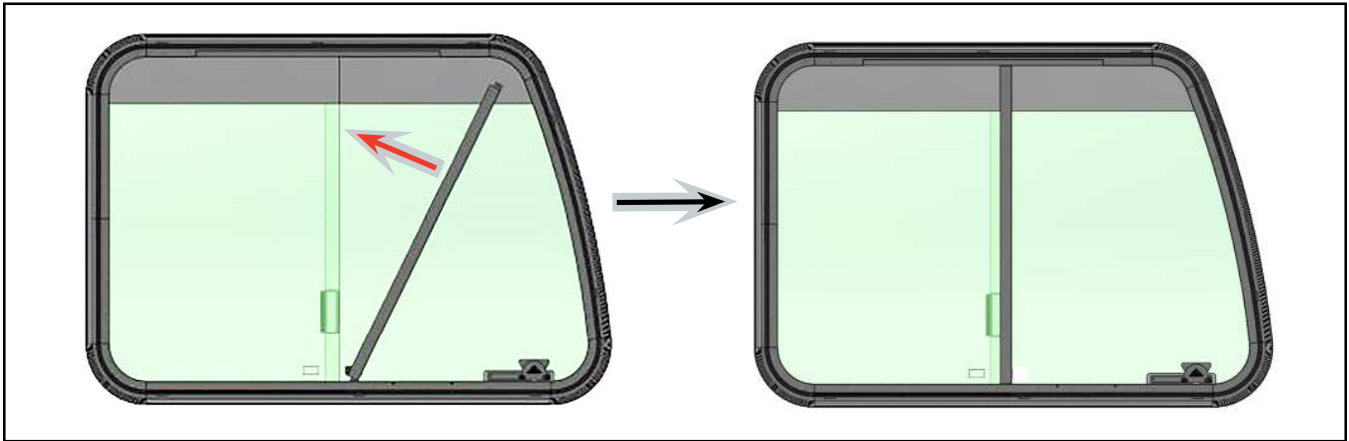


Figure 15 - Install Mullion

- 1.17. With the mullion well seated on the rear sash, mark the top and bottom clearance hole locations. Use the dimensions show in Figure 16 for both holes.

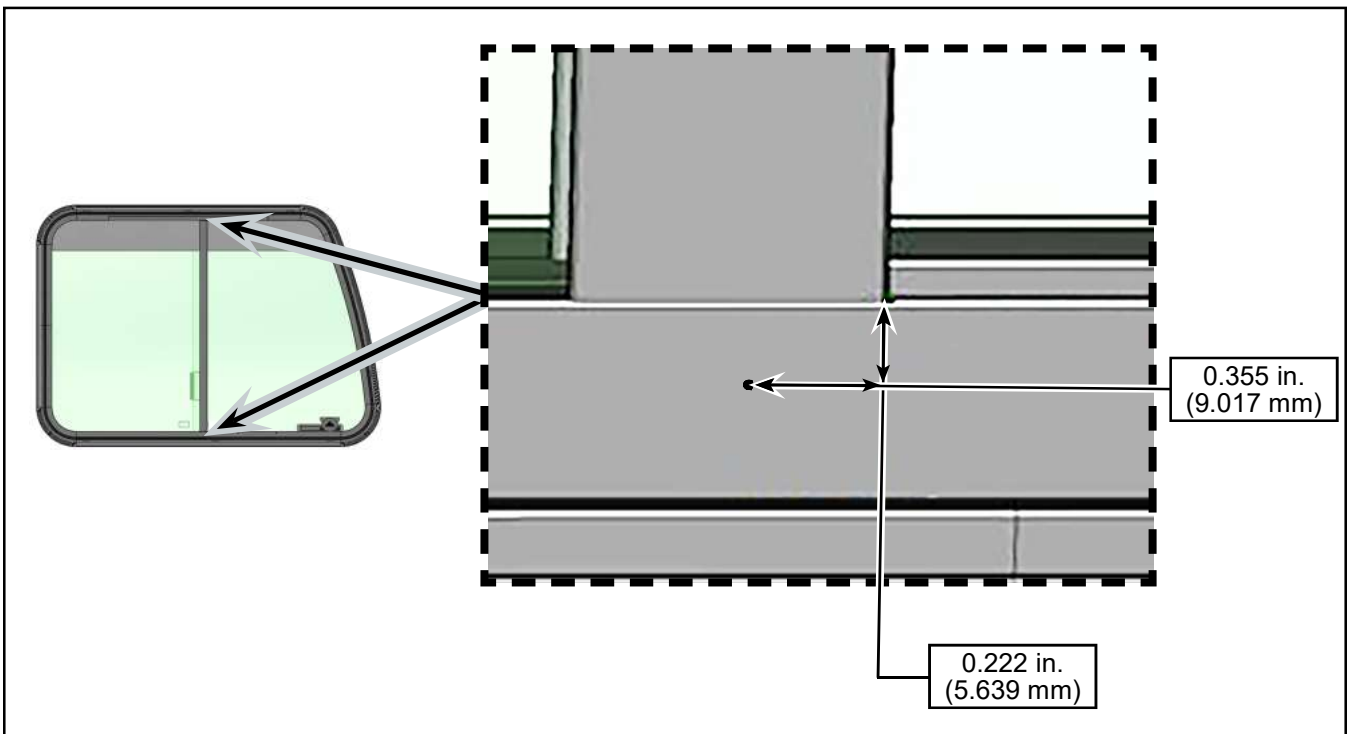


Figure 16 - Mark Clearance Hole Locations (Only Bottom One is Shown)

- 1.18. Remove the mullion the same way that it was installed.
- 1.19. Drill the two marked locations with a #18 drill bit by taking care to drill only thru the first leg (wall) extrusion.

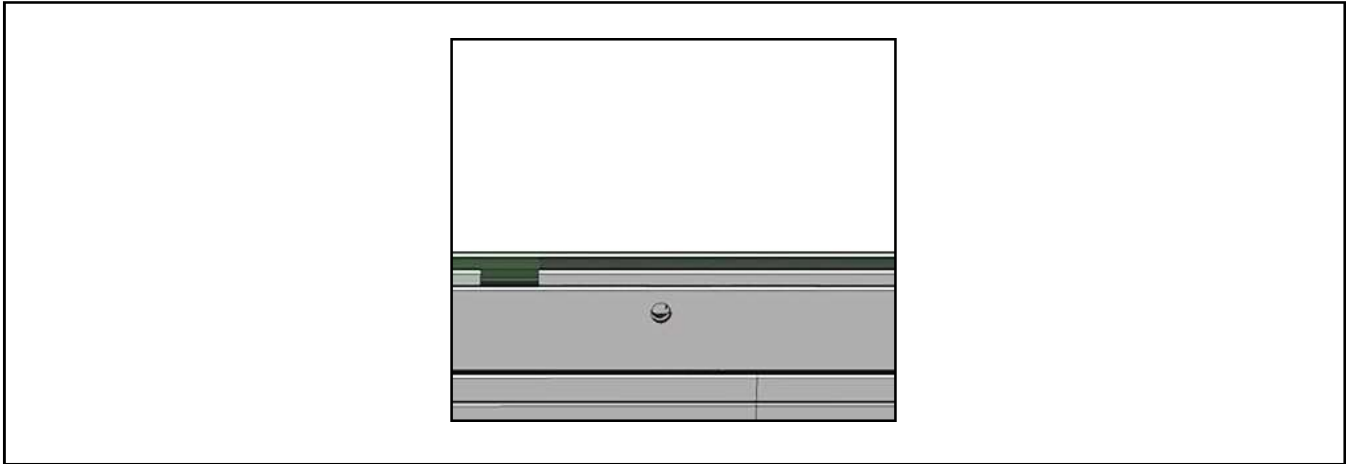


Figure 17 - Drill Clearance Hole thru First Wall (Only Bottom Hole is Shown)

- 1.20. Reinstall the mullion and secure with the screws (N8907815) in the holes drilled in step 1.19.
- 1.21. Reinstall the round sash stop removed in step 1.3.
- 1.22. Reinstall the sash strike removed in step 1.1.
- 1.23. The vehicle can return in service. ❖

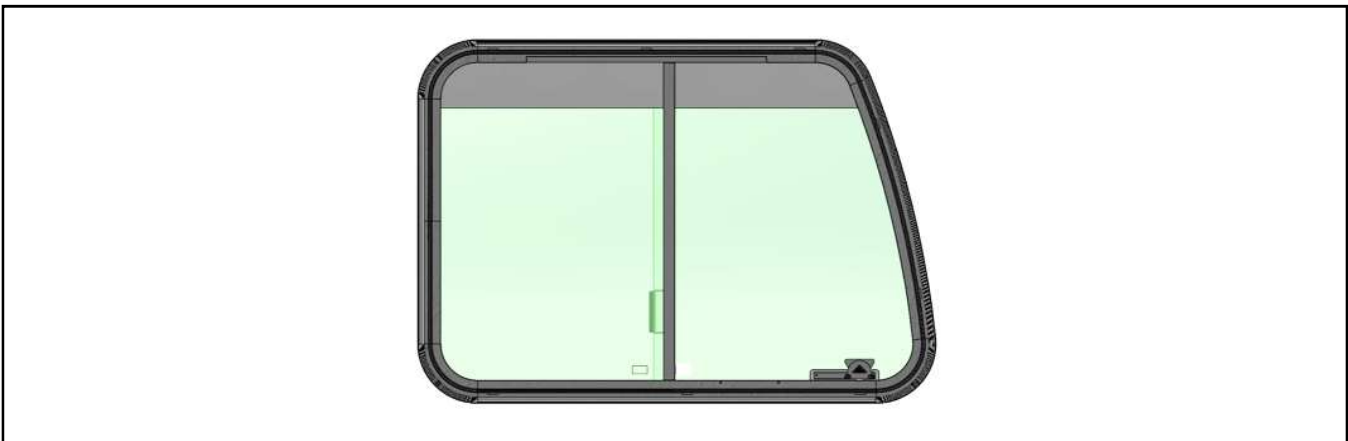


Figure 18 - Final Result