

REFERENCE:	Nova Bus Manuals
SECTION:	03: Windows
RS N°:	MQR 7621-2064
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: N/A

SUBJECT:	Water Intrusion in IB Compartment.
JUSTIFICATION:	Water Intrusion in Rear Interior Electrical Compartment. From the exterior of the bus, it appears there is a gap between seal and the bus body.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Applying of Sealant on the rear exterior window	Client	Client	30 mins
2	-	-	-	-

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
-	-	-	-	-
LEVEL 2				
-	-	-	-	-
SHOP SUPPLY				
200ml	N32989	-	SEALANT BUTYL 757	-
0.025 oz	9985337	-	ADHESIVE CYANOACRYLATE	-
0.5 Kg	N32591	-	VANISHING OIL	-

Note:**9985337 (ADHESIVE CYANOACRYLATE)**

1 ea = 0.10 Oz
0.025 Oz Per Bus
0.575 Oz for 23 buses
5.75 ~ 6 Oz for the entire Campaign

N32591 (VANISHING OIL)

1 ea = 2.5 Kg
0.5 Kg Per Bus
11.5 Kg for 23 buses
4.6 ~ 5 Kg for the entire Campaign

Materials will be available within 36 days. 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.
	-	-	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2020AU27	Initial release	Devanand

APPROVED BY:

PAGE 1 OF 7

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Capital Area Transportation Authority Michigan - CATA	LC07	6012	6015	S92J5K9777269	S92J5K9777272	4
Capital Area Transportation Authority Michigan - CATA	LC08	700	718	L82J7K9777278	L82J8K9777306	19

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Turn the ignition switch to OFF position and engage the parking brake.
- 1.3. Set the master control switch in the STOP position (see figure 1).

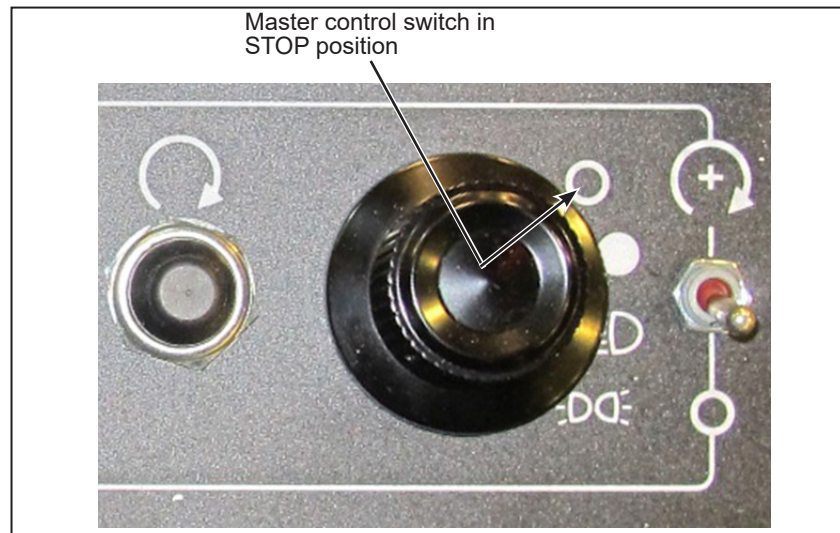


Figure 1 - Master Control Switch in STOP Position

- 1.4. Set the battery disconnect switch in the battery compartment to the OFF position (see figure 2).

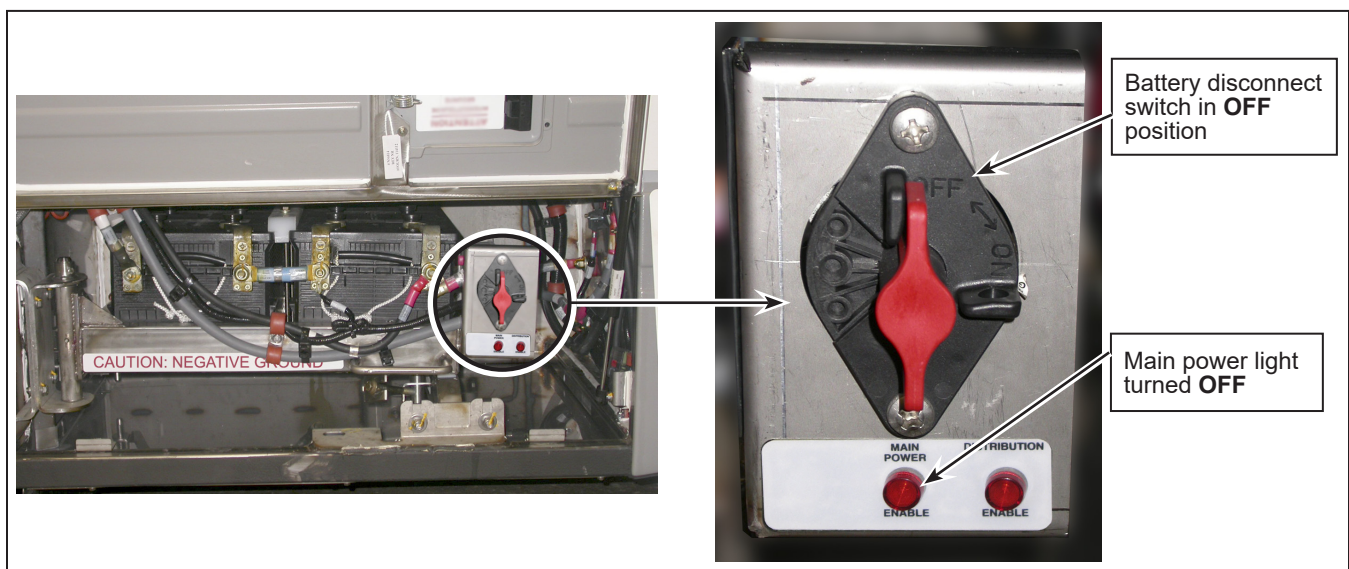


Figure 2 - View of Battery Disconnect Switch

TOOLS REQUIRED:**Flexible-tab glass insertion tool****Lock insertion tool****Metal tips toll to apply Butyl**

- 1.5. Clear the zone around rear window, clean with a damp cloth (see figure 3).

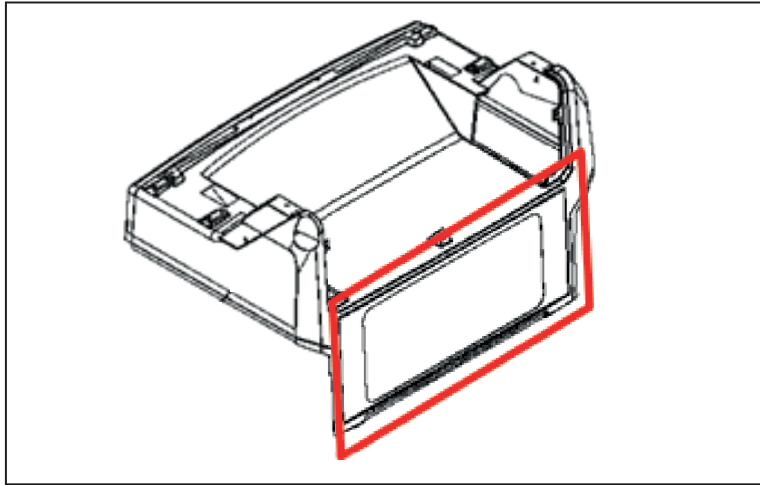


Figure 3 - Rear Window Cleaning

**CAUTION**

Be careful not to cut the extrusion when performing this task, otherwise the extrusion will require replacing.

- 1.6. When the area is dry, unlock for the rubber extrusion with a lock insertion tool (see figure 4).



Figure 4 - Unlocking the Rubber Extrusion

- 1.7. Use the flexible-tab glass insertion tool with the rubber extrusions (see figure 5).
- 1.8. To ease the insertion, spray vanishing oil over the entire extrusion and use the flexible-tab glass insertion tool.
- 1.9. Remove excess lubricant between the rubber extrusion and the glass using a clean absorbent cloth and verify that contact surface between rubber extrusions and the glass is clean. Do the same between rubber extrusions and the rear shell.



Figure 5 - Flexible Tab Glass Insertion Tool

- 1.10. Apply Butyl 757 sealant between the rubber extrusion and its contact surface until it overflows slightly (see figure 6).
- 1.11. Apply Butyl on both sides of the rubber extrusion for side windows and one side for rear shell (only on the exterior side of the bus).

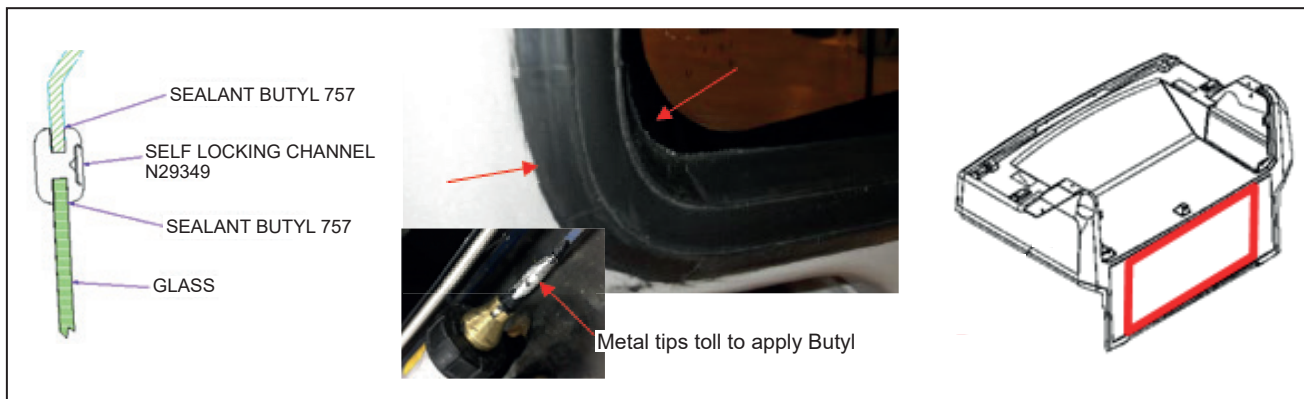


Figure 6 - Applying Sealant



NOTE

When the tool (with the rigid tips) is not available, it is possible to apply the butyl with 2 people. The first one lift the rubber and the second apply the butyl.

- 1.12. Insert the lock for the rubber extrusion of the quarter windows using a lock insertion tool (see figure 7).



Figure 7 - Inserting the Lock

- 1.13. Clean the glass, remove excess sealant on windows, fiberglass and gel coat with a soft cloth and a plastic spatula. A cloth soaked in vanishing oil can be used to clean up excess butyl.
- 1.14. If required, Seal the joint between the two ends of the insertion tab using cyanoacrylate adhesive (see figure 8).



Figure 8 - Usage of Cyanoacrylate Adhesive

- 1.15. Place the master control switch in ON position.
- 1.16. Set the battery disconnect switch in the battery compartment to the ON position.
- 1.17. The vehicle may be returned to service.❖

Annexe : Example for the QTY of Butyl (Step 1.10)

