REFERENCE:	Nova Bus Manuals
SECTION:	12: Interior Furnishing
RS Nº:	MQR 7621-2414

APPLICATION DEADLINE: 2023SE29
CLAIM REFERENCE NUMBER: WB-5260

SUBJECT:	Lexan panels cracking at mounting holes.
JUSTIFICATION:	Need to change the attachment of Lexan panels due to apparent cracks observed in production.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Inspection and Installation of Lexan panel cracking at mounting holes.	Nova Bus	Nova Bus	3 h
2	–	–	–	–

MATERIAL REQUIRED PER VEHICLE

QTY	PART Nº	REV.	DESCRIPTION
LEVEL 1			
–	–	–	–
LEVEL 2			
–	–	–	–

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	2022MA03	Initial release	Rajendra N M
R1	2022AU22	Updated Service Instructions	Devanand

APPROVED BY: Jean-Nicolas Fournier

Digitally signed by Jean-Nicolas Fournier
DN: cn=Jean-Nicolas Fournier, o=Nova Bus, email=jean-nicolas.fournier@volvo.com, c=CA
Date: 2022.08.23 08:38:12 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Maryland Transit Authority - MTA	LD82	21001	21003	L82J2M9777921	L82J3M9777961	3
Maryland Transit Authority - MTA	LD82	21006	21006	L82J9M9777964	L82J9M9777964	1
Maryland Transit Authority - MTA	LD82	21008	21011	L82J0M9777982	L82J6M9777985	4
Maryland Transit Authority - MTA	LD82	21014	21020	L82J6M9777999	L82J0M9778016	7
Maryland Transit Authority - MTA	LD82	21022	21035	L82J4M9778018	L82J2M9778048	14
Maryland Transit Authority - MTA	LD82	21037	21053	L82J0M9778050	L82JXM9778086	17
Maryland Transit Authority - MTA	LD82	21055	21055	L82J4M9778097	L82J4M9778097	1
Maryland Transit Authority - MTA	LD82	21060	21060	L82J4M9778102	L82J4M9778102	1

TOOLS REQUIRED:

1. Screwdriver
2. Socket
3. Alcohol / isopropyl
4. Soft bristle brush

NOTE

Do not use any Loctite or superglue on the grommets or hardware.

WARNING

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

1.1. Park the vehicle on an even surface with the transmission on neutral.
1.2. Apply the parking brake and set the master control switch to the ***stop*** position.
1.3. Set the battery disconnect switch in the battery compartment to the ***off*** position
1.4. Locate grommets to replace inside the bus (see figure 1).

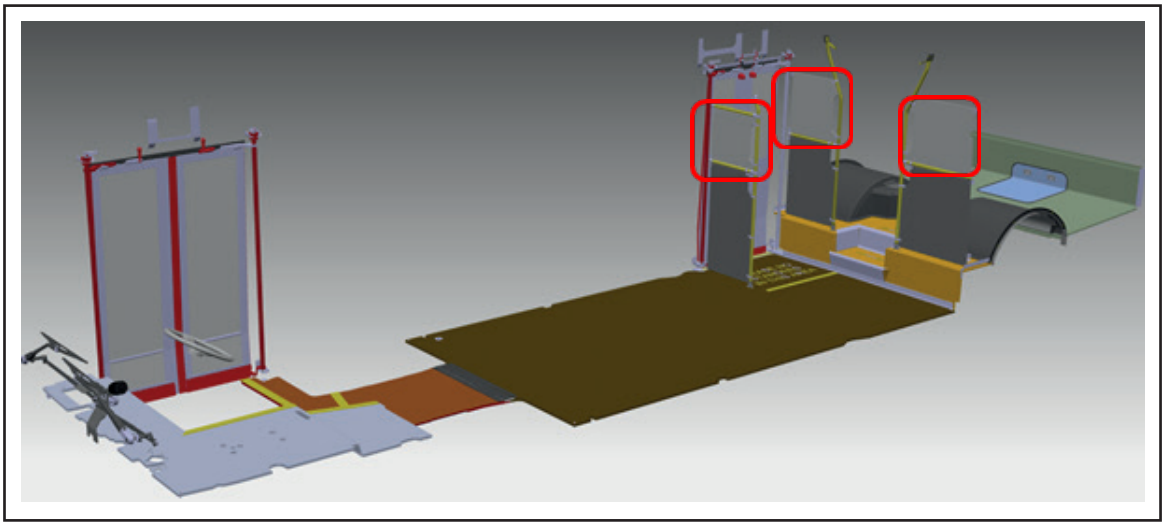


Figure 1 - Location of Grommets inside the bus

1.5. Inspect the Lexan panels for cracking around the corners where the brackets are mounted to the Lexan panels, document road number and panel to be changed if cracks are apparent (see figure 2).

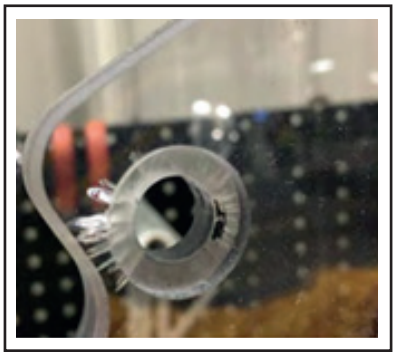


Figure 2 - Cracks on the Lexan Panel

1.6. Remove the old grommets in the 4 corners of each Lexan panel (see figure 3).

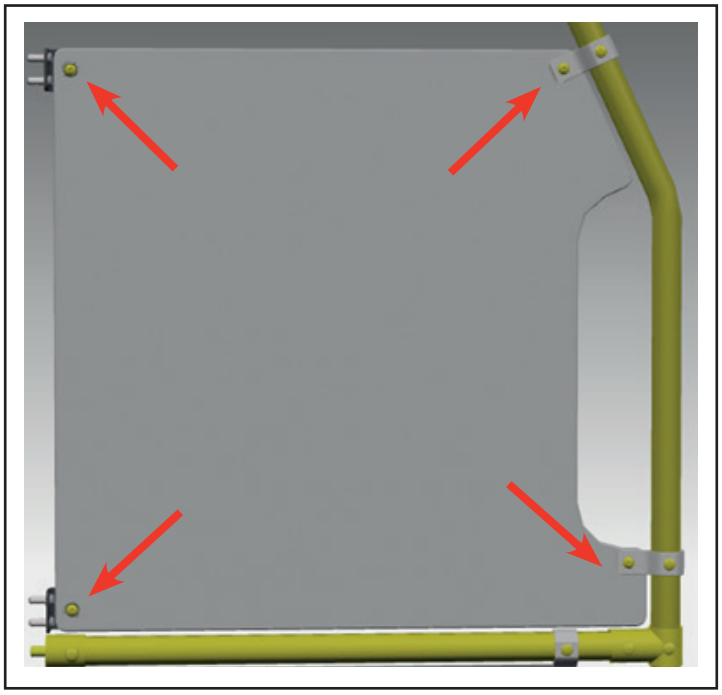


Figure 3 - Removal of Old grommet on the Lexan Panel

NOTE

Once grommet has been removed, clean the area using alcohol, be sure to remove all residual material from the holes on the Lexan panels, a soft bristle brush can be used to help get the remaining residue.

1.7. Insert the new grommet P/N N67402 (see figure 4).

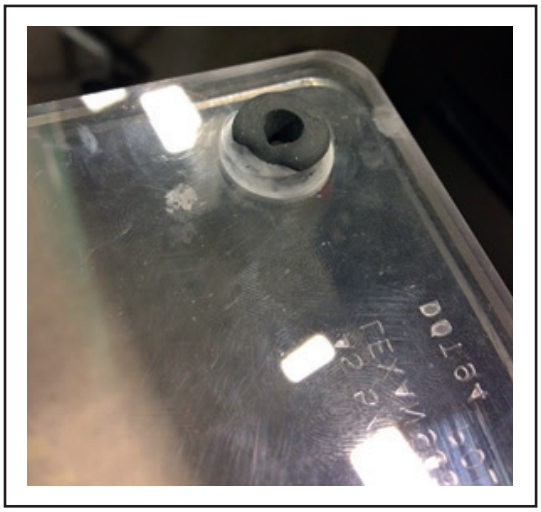
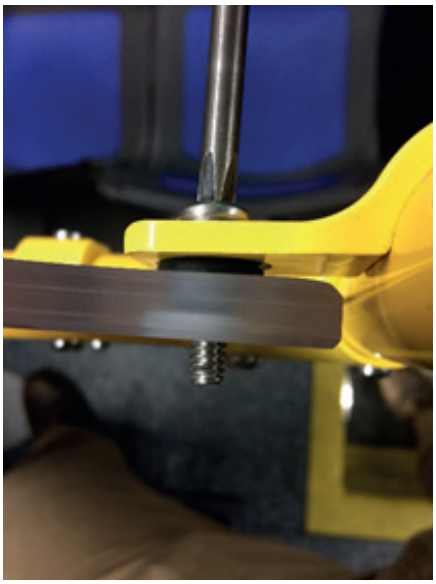


Figure 4 - Installation of New grommet on the Lexan Panel

1.8. Install new screw P/N N15548, reuse existing Washers and Nut (see figure 5).



NOTE

Hand tighten only, do not use power tools

Figure 5 - Installation of Screw and Washer

1.9. Set the battery disconnect switch in the battery compartment to the ON position.

1.10. Return the bus to service.❖