

REFERENCE:	Nova Bus Manuals
SECTION:	13: Destination Sign
RS N°:	MQR 7621-2173

APPLICATION DEADLINE: 2022MR01
CLAIM REFERENCE NUMBER: WB-4970

SUBJECT:	Destination sign doors latches
JUSTIFICATION:	Destination sign doors latches may become loose or fail.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Inspect the latches, apply thread locker if there is none.	Nova Bus	Nova Bus	15min
2	Replace the broken latches.	Nova Bus	Client*	15min

* The cost of the material will be reimbursed when claiming for this service document.

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
–	–	–	–	–
LEVEL 1 SHOP SUPPLY				
*10 ml/ bus	9985283	A	LOCTITE 242 THREADLOCKER BLUE 50ML *(1 bottle/ 5 buses)	–
LEVEL 2 (only if required*)				
1	N79368	–	LATCH SS ADJUSTABLE 4 1/2"	–

Materials will be available within 74 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.

* The material identified in Level 2 is to be ordered only for vehicles that meet the criteria defined in Level 1.

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	2020OC06	Initial release	André Pelletier
R1	2021FE09	Added San Antonio on client list p.2. Note added on p.4.	André Pelletier

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	LC69	8395	8434	L82K2K9777388	L82K8K9777427	40
	Calgary Transit - Alberta	LC94	8435	8464	L82K5L9777497	L82K8L9777526	30
+	San Antonio Texas	LA10	422	446	L82K9G9775628	L82K8G9775653	25
+	San Antonio Texas	LA22	447	555	L82K8H9775654	L82K0H9775762	109
+	San Antonio Texas	LA34	556	580	L82K0H9775857	L82K8H9775881	25
+	San Antonio Texas	LA35	581	691	L82KXH9775882	L82K8H9775993	111
+	San Antonio Texas	LB26	692	735	L82KXJ9776536	L82K6J9776579	44
+	San Antonio Texas	LB43	970	987	L82K4J9776791	L82K1J9776828	18
+	San Antonio Texas	LC70	801	806	L82K3L9777577	L82K3L9777577	6
+	San Antonio Texas	LD11	726	738	L82K1L9777562	L82K8L9777574	13
+	San Antonio Texas	LD12	988	989	L82KXL9777575	L82K1L9777576	2
+	San Antonio Texas	LD13	739	747	L82K4L9777619	L82K4L9777619	9

**WARNING**

Follow your internal safety procedures.

PROCEDURE

NIVEAU 1

- 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. Inspect the destination sign four latches.
 - If broken or damaged, see Level 2 procedure.
 - If loose or no thread locker visible, apply the procedure in the following steps.
 - If tight and presence of thread locker, no other action to perform.

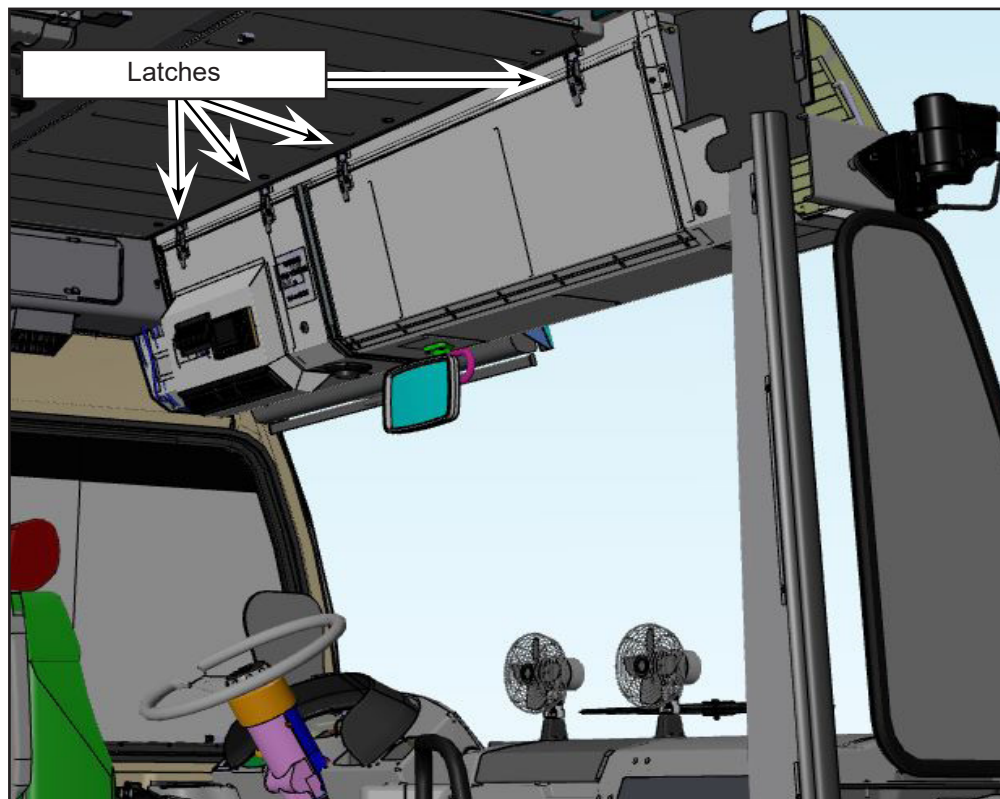


Figure 1 - Latches Location

- 1.5. With a flat head screwdriver, loosen the adjustment screw.



Figure 2 - Loosen the Adjustment Screw



NOTE

Make sure the threads are clean and free from oil, grease or debris before applying the thread locker. Use brake cleaner like N8910941 or equivalent.

- 1.6. Apply blue thread locker on the adjustment screw, from the top.



Figure 3 - Apply Thread Locker

- 1.7. Tighten adjustment screw, close the panel and secure the latch.
- 1.8. Adjust the latch.
- 1.9. Repeat the procedure for all remaining front destination sign compartment latches.
- 1.10. Clean up thread locker spills if needed.
- 1.11. The vehicle can return in service.

LEVEL 2 REPLACE LATCH

- 2.1. If a damaged latch needs to be replaced, order N79368 from the Level 2 material list.
- 2.2. Torque the four locknuts with a 7 mm socket to 22 ± 4 lb-in (2.5 ± 0.5 N•m) while holding the screw head with a Phillips screwdriver.
- 2.3. Perform the steps 1.5 to 1.11.

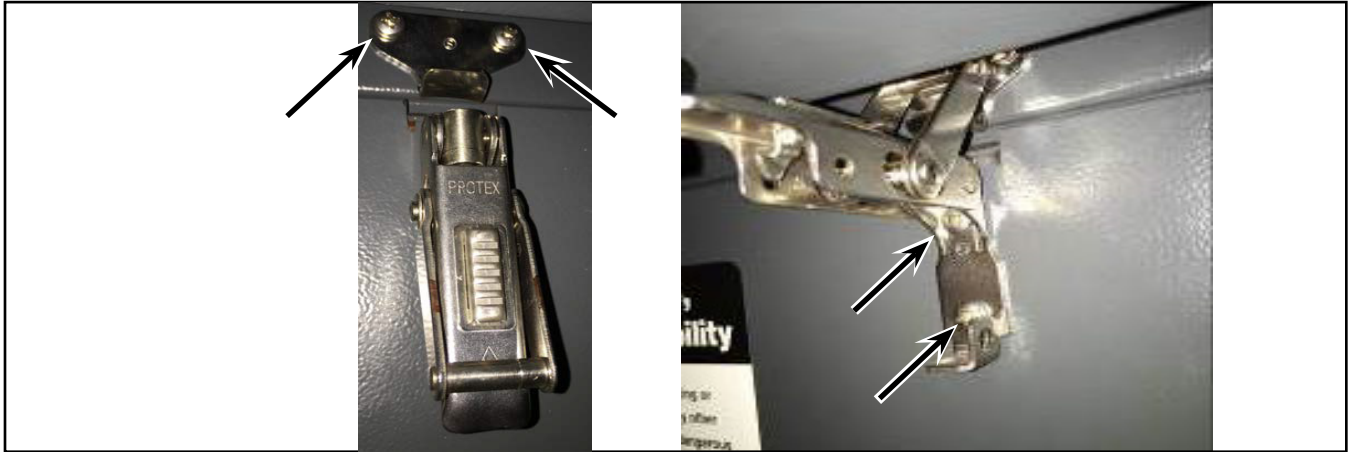


Figure 4 - Install the New Latch