

<b>REFERENCE:</b>	Nova Bus Manuals
<b>SECTION:</b>	12: Driver's seat
<b>RS N°:</b>	MQR 7621-2304
<b>EFFECTIVE IN PROD.:</b>	LF08 (2023NO)
<b>TC RECALL N°:</b>	2023-291
<b>NHTSA RECALL N°:</b>	23v350

**APPLICATION DEADLINES: N/A**  
**REFERENCE NUMBER: SR5419**

<b>SUBJECT:</b>	Driver's seat belt
<b>JUSTIFICATION:</b>	On certain vehicles, the driver's seat back panel could interfere with the driver's seat belt. As a result, the driver's seat belt may not retract properly.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Inspect and validate that no interference are possible. If there is interference, follow the retrofit procedure	Nova Bus	Nova Bus	1h30
2	-	-	-	-

**MATERIAL REQUIRED PER VEHICLE**

QTY	PART N°	REV.	DESCRIPTION
<b>LEVEL 1</b>			
<b>LEVEL 2</b>			
-	-	-	-

**DISPOSAL OF PARTS**

<b>REMOVED PARTS ARE:</b>	<b>DISCARDED</b>	<b>RETAINED</b>	
	-	-	

**REVISION HISTORY**

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2023JL12	Initial release	André Pelletier

**APPROVED BY:**

Irina

Negoescu

Signature  
numérique de  
Irina Negoescu  
Date: 2023.07.13  
14:22:27 -04'00'

<b>IMPORTANT: CERTAIN ORDERS MAY NOT INCLUDE ALL UNITS</b>							
CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY	
		FROM	TO	FROM	TO		
CHARM city Baltimore - Maryland	LC73	1910218	1910223	L82J4K97774	L82J8K97774	6	
CHARM city Baltimore - Maryland	LD37	1910234	1910239	L82JXL97777	L82J3L97777	6	
Grand River Transit Ontario - GRT	LE76	22201	22213	L82L4N37537	L82LXN37537	29	
Grand River Transit Ontario - GRT	LD19	22001	22031	L82J9L37526	L82JXL37527	31	
Grand River Transit Ontario - GRT	LE11	22101	22104	L82L2M37532	L82L8M37532	4	
Guelph Ontario	LD33	281	284	L82J8L37528	L82J8L37528	4	
Hamilton - Ontario - metrolinx	LE55	2101	2120	L82KXN37534	L82K6N37535	20	
Hamilton - Ontario - metrolinx	LE86	2201	2231	L82K3N37537	L82K3N37537	31	
Houston Texas - Metro	L951	1915	1915	L82J0G97752	L82J0G97752	1	
Houston Texas - Metro	L952	1580	1580	S92J5G97753	S92J5G97753	1	
Houston Texas - Metro	L981	1916	1994	L82J8G97754	L82J4G97755	79	
Houston Texas - Metro	LB63	2050	2050	L82K2J97767	L82K2J97767	1	
Houston Texas - Metro	LB72	2051	2069	L82K6J97768	L82K4J97769	19	
Houston Texas - Metro	LE77	3000	3000	L82M3N97786	L82M3N9778	1	
Houston Texas - Metro	LC55	2070	2079	L82KXK97773	L82K0K97773	10	
Houston Texas - Metro	LC91	2500	2501	L82J4L97774	L82J0L97774	2	
Houston Texas - Metro	LC92	2502	2534	L82J3L97775	L82J3L97776	33	
Minnesota Valley Transit Authority - MVTA	L706	4252	4258	L82U4C45001	L82UXC4500	7	
Moncton (Codiac) - New Brunswick	LD73	—	—	L82J1M37529	L82J1M37529	4	
Ottawa - OC transpo - metrolinx	LD21	4776	4830	L82J5L37526	L82J3L37527	55	
Ottawa - OC transpo - metrolinx	LD51	4831	4849	L82J4L97777	L82J1L97777	19	
St. Catharines Ontario	LF01	2301	2308	L82J1P37538	L82J9P37538	8	
St. Catharines Ontario - metrolinx	LE24	2201	2209	L82J9N37533	L82J8N37533	9	
Stratford Ontario - Metrolinx	LD66	—	—	L82JXM37528	L82J5M37528	4	
Stratford Ontario - Metrolinx	LE41	—	—	L82J1N37533	L82J3N37533	2	
Whitehorse - Yukon	LF24	—	—	L82J0P37538	L82J2P37538	2	
Whitehorse - Yukon	LE43	—	—	L82J0N37533	L82J7N37533	2	

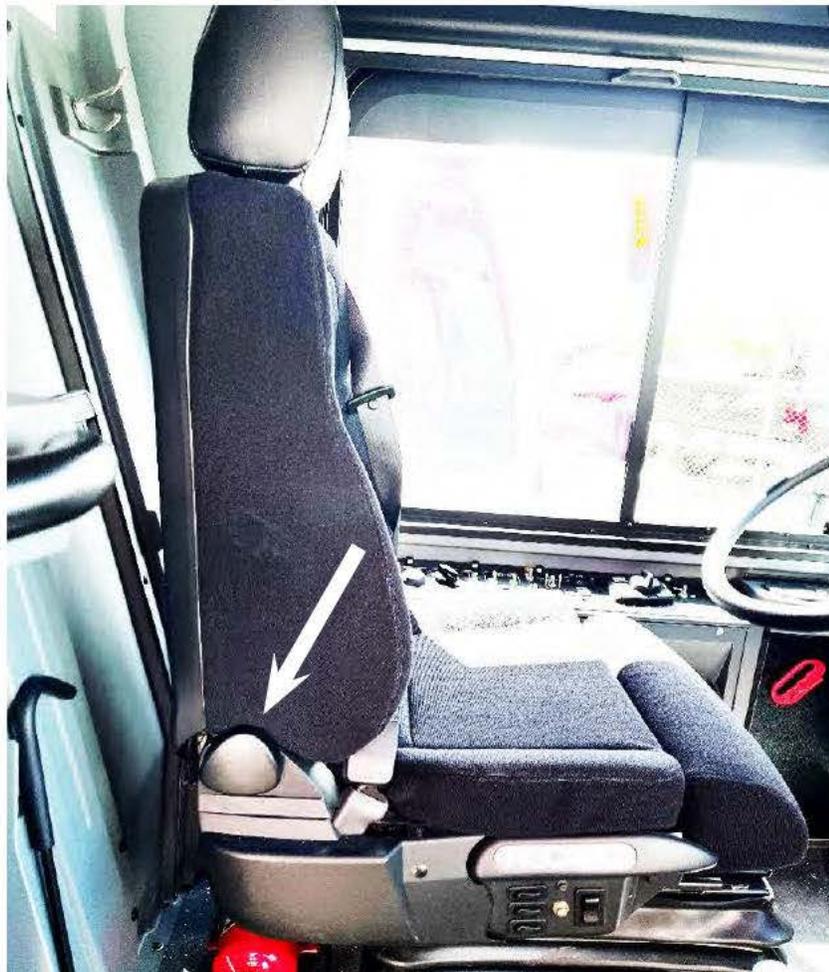
**WARNING**

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

## PROCEDURE

- 1.1. Park the vehicle on an even surface with the transmission on neutral.
- 1.2. Perform the following tests to make sure there is no interference with the different seat positions. If the seat belt retracts normally no action is required. If the seat belt does not retract, follow the retrofit instructions at the end of this document (see page 11).

## DRIVER'S SEAT USER GUIDE



Back incline wheel



Slide back or forward button



Up or down button

**TEST # 1 - FULLY DOWN, FULLY RECLINE, SLIDE ALL THE WAY BACK**

- Lower the seat completely.
- Recline the seat back completely.
- Slide the seat all the way back
- Pull the seat belt

**If the seat belt retracts normally proceed to the next test.**

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**



Fully down  
Fully reclined



Fully reclined  
Slide back

**TEST # 2 - FULL DOWN, 90 DEGREE BACK, SLIDE BACK, RECLINE UNTIL CONTACT**

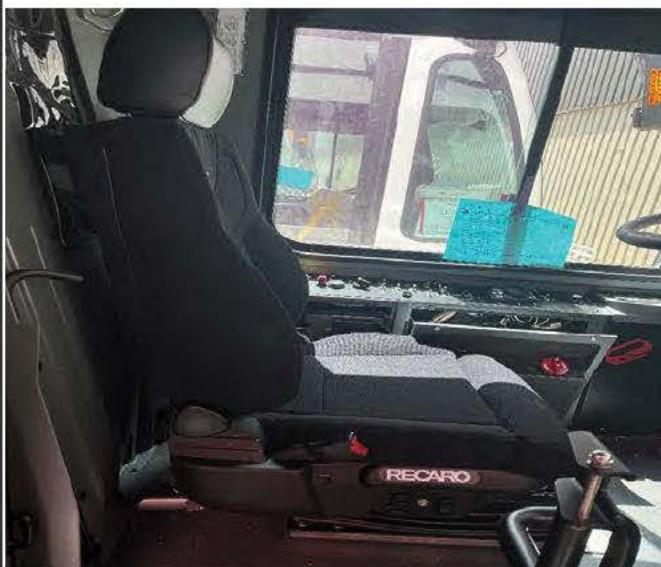
- Lower the seat completely.
- Put the seat back at a 90 degree position.
- Slide the seat all the way back.
- Recline the seat back completely or until contact.
- Pull the seat belt.

**If the seat belt retracts normally proceed to the next test.**

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**



Put the seat back at a 90 degree position



Slide back the seat and recline it fully

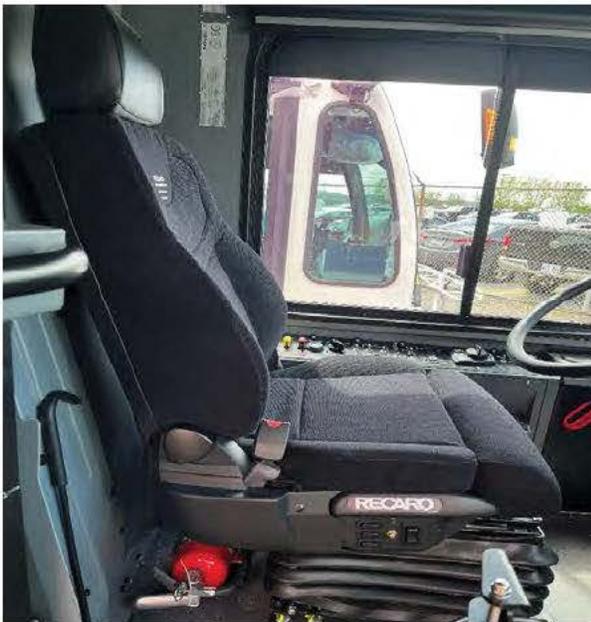
**TEST # 3 - FULL UP, FULL RECLINE, SLIDE BACK**

- Raise the seat at its maximum height.
- Recline the seat back completely.
- Slide the seat all the way back.
- Pull the seat belt.

If the seat belt retracts normally proceed to the next test.



Raise the seat at its maximum height



Recline the seat back completely  
Slide the seat all the way back

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**

**TEST # 4 - FULL UP, FULL RECLINE, SLIDE BACK, LOWER THE SEAT**

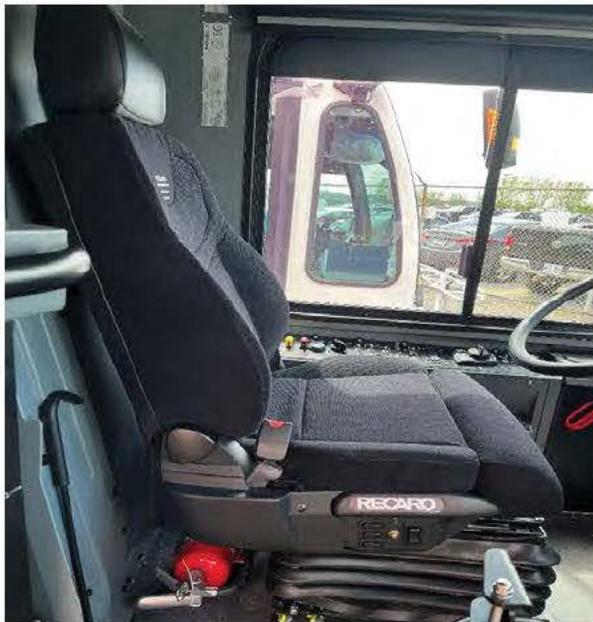
- Raise the seat at its maximum height.
- Recline the seat completely.
- Slide the seat all the way back.
- Lower the seat completely.
- Pull the seat belt.

**If the seat belt retracts normally proceed to the next test.**

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**



Raise the seat at its maximum height



Recline the seat back completely  
Slide the seat all the way back  
Lower the seat completely

**TEST # 5 - FULL UP, 90 DEGREE BACK, SLIDE BACK, RECLINE UNTIL CONTACT**

- Raise the seat to its maximum height.
- Put the back at a 90 degree position.
- Slide the seat all the way back.
- Recline the seat back completely or until contact.
- Pull the seat belt.

**If the seat belt retracts normally proceed to the next test.**

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**

	<p>Raise the seat at its maximum height</p>
	<p>Put the back at a 90 degree position          Slide the seat all the way back          Recline the seat back completely or until contact          Pull the seat belt</p>

**TEST #6 - FULL UP, 90 DEGREE BACK, SLIDE BACK, RECLINE UNTIL CONTACT, LOWER SEAT**

- Put the back in a 90 degree position.
- Slide the seat all the way back.
- Recline the back of the seat until contact.
- Lower the seat completely.
- Pull the seat belt.

**If the seat belt retracts normally proceed to the next test.**

**If the seat belt does not retract follow the retrofit instructions at the end of this document (see page 11).**



Put the back in a 90 degree position  
Slide the seat all the way back



Recline the back of the seat until contact  
Lower the seat completely

**RETROFIT PROCEDURE - RECARO AM80**

- 1.3. Rotate the backrest to a position that is vertical to gain access to the recline stop once the backrest components are removed.
- 1.4. Remove the plastic back protector from the back of the seat back.



Figure 1 -

- 1.5. Remove the armrests from the seat back, if applicable.
- 1.6. Remove the trim cover from the back of the seat in the lower right-hand side of the seat. The complete cover does not need to be removed. The trim retainer needs to be pulled off the tabs on the backrest frame.
- 1.7. Gently pull the backrest foam forward to gain access to the recline stop bracket.



Figure 2 -

- 1.8. Remove the 2 bolts attaching the bracket to the frame. If the seat had a right hand armrest, the bolts were removed with the armrest assembly.
- 1.9. Change the bolt position from 25 deg to 12,5 deg. The holes associated with the stop position are noted on the bracket with arrows.



Figure 3 -

- 1.10. Secure the bracket using the same attachment bolts. Add Loctite 242 or an equivalent medium strength thread-locker to the bolts and torque to 22 Nm.
- 1.11. Using the hand wheel, rotate the backrest to the stop to confirm the stop is fully seated against the frame.
- 1.12. Push the foam back into place, replace the trim cover. If the tabs were pried up to remove the cover, push them back flat against the frame.
- 1.13. Reinstall the armrest assemblies, if applicable.
- 1.14. Reinstall the plastic back protector and caps.



Figure 4 -

- 1.15. The vehicle can return in service.

