

REFERENCE:	Nova Bus Manuals
SECTION:	12 Interior Furnishing
RS N°:	7621-250
EFFECTIVE IN PROD.:	L670 (2011AU24)

APPLICATION DEADLINE:
2014FE13

SUBJECT:	Rear 5-seat bench retainer clips
JUSTIFICATION:	Seat retainer clips break due to repeated removal of bench for engine access.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Install new fastening system.	Nova Bus	Nova Bus	25min
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
2	N69631	—	Locking screw	—
2	N67775	—	Bushing	—
1	N67445	—	Drilling jig	—
1	N69444	—	Drilling jig	—
2	N67424	—	Internal bracket	—
2	0120396	—	Washer for bushing	—
2	N67764	—	Nut for bushing	—
4	N32018	—	Bolt for internal bracket	—
LEVEL 2				
—	—	—	—	—

Materials will be available within 56 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	—
	—	—	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2012NO16	Initial release	Isabel Estañ
R1	2012DE17	Addition to the client list	Danielle Lacroix

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Brantford - Ontario	L547	10101	10105	L82X6A3000082	L82X3A3000086	5
CMBC (TransLink) - British Columbia	L412	9401	9401	L82X993000136	L82X993000136	1
CMBC (TransLink) - British Columbia	L454	9402	9470	L82X793000359	L82XX93000453	69
CMBC (TransLink) - British Columbia	L455	9471	9491	L82X093000459	L82X993000489	21
CMBC (TransLink) - British Columbia	L482	9492	9517	L82X894000040	L82X094000064	25
CMBC (TransLink) - British Columbia	L483	9518	9542	L82X294000065	L82X594000089	25
CMBC (TransLink) - British Columbia	L532	9543	9551	L82U093000497	L82U693000505	9
CMBC (TransLink) - British Columbia	L533	9552	9573	L82U193000511	L82U093000537	22
CMBC (TransLink) - British Columbia	L534	9574	9589	L82U694000124	L82U894000139	16
Connecticut Transit - Connecticut	L554	1041	1065	S92U1A4000139	S92U0A4000164	25
Connecticut Transit - Connecticut	L571	1066	1075	S92YXB4000144	S92Y4B4000169	10
Grand River Transit - GRT - Ontario	L464	20901	20913	L82U193000296	L82U493000308	13
Grand River Transit - GRT - Ontario	L560	21001	21009	L82U2A3000246	L82U1A3000254	9
Grand River Transit - GRT - Ontario	L633	21101	21115	L82U7B3000289	L82U8B3000303	15
Honolulu - Hawaii	L559	201	224	L82U6A4000113	L82U7A4000136	24
Niagara Falls - Ontario	L499	2986	2989	L82U093000564	L82U693000567	4
York Regional Transit - Ontario	L562	1080	1082	S92U2A3000420	S92U6A3000422	3
York Regional Transit - Ontario	L572	1083	1094	S92U3A3000569	S92U2A3000580	12

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Locate the engine access double-seat bench at the rear of the vehicle.
- 1.2. Remove the upholstered seat inserts from both seats of the removable double-seat bench. See Figure 1.
- 1.3. Unlock both seat latches in order to allow the bench to be opened and closed freely. See Figure 1.

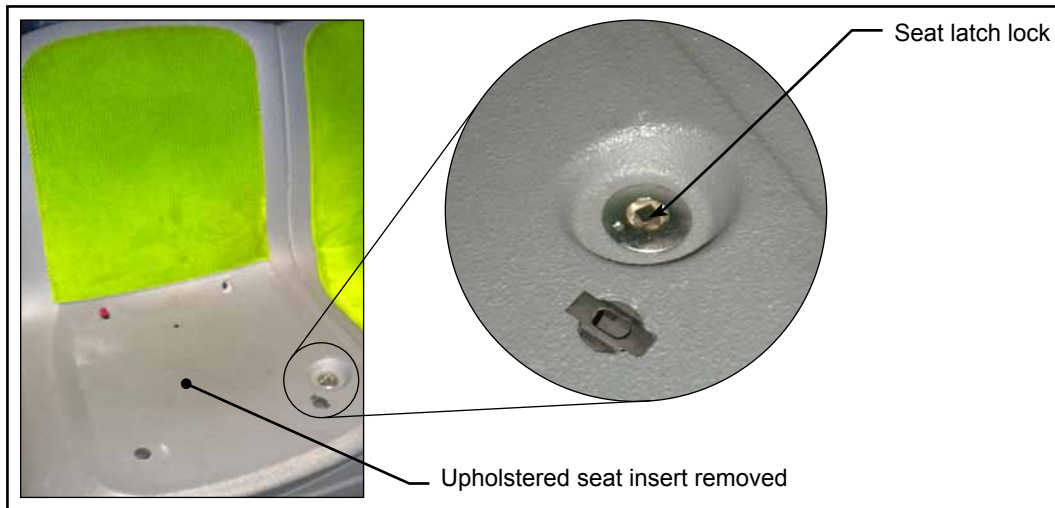


Figure 1 - Double-Seat Bench Latch Lock

- 1.4. Leave both latches in the **UNLOCKED** position and replace both upholstered seat inserts onto the bench. The installation of the new locking mechanism will negate the need for these latches.
- 1.5. Apply a strip of 1" masking tape centered over the front edge of both seats of the removable double bench. See Figure 2.

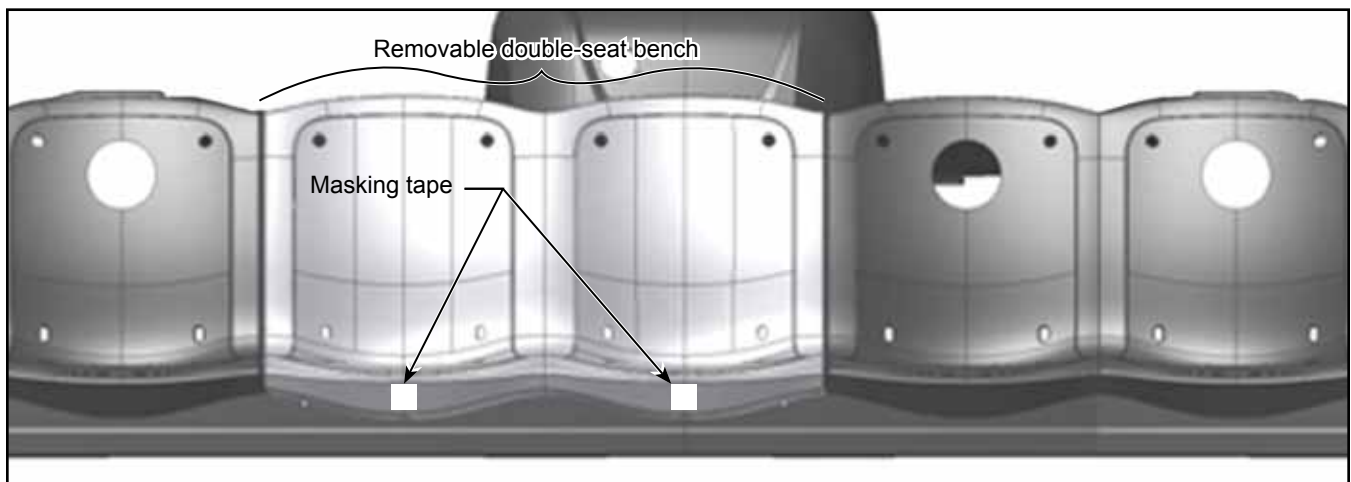


Figure 2 - Rear 5-seat Bench

- 1.6. Use the drilling jig, N69444, in order to locate the center of the hole to be drilled. Drill a 1/8" (3 mm) pilot hole. See Figure 3. The same drilling jig is to be used for the holes on both seats.

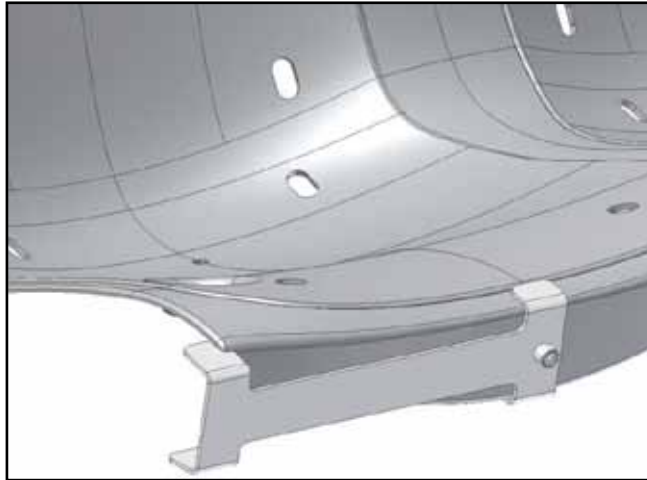


Figure 3 - Drilling Jig (N69444)

- 1.7 Remove the jig and use a 31/64" (12 mm) drill bit to slowly increase the diameter of the hole.



NOTE

Drill through the fiberglass bench ONLY. Do not drill through the steel underframe.

It is strongly suggested to wear off the cutting lips of the drill bit, in order to make it less aggressive during drilling.



CAUTION

Failure to follow the above procedures may result in a damaged seat.

- 1.8. Open the double-seat bench.
- 1.9. Insert the bushings (N67775) into the holes and secure them with the washers (0120396) and nuts (N67764). Apply medium Loctite, or equivalent, to the bushing before installing the nut. See Figure 4.

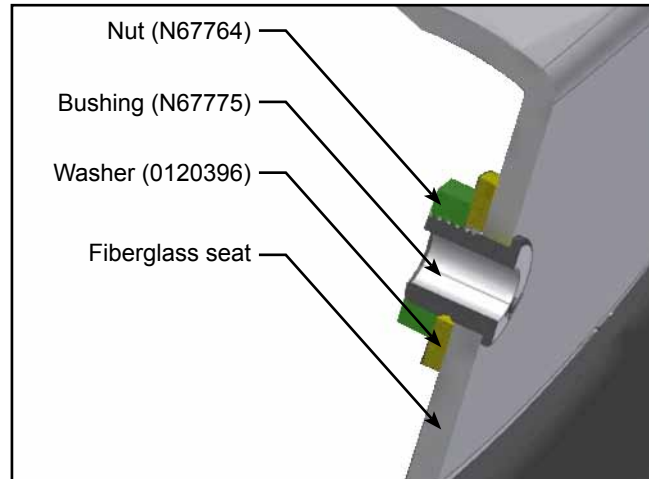


Figure 4 - Bushing Assembly

1.10. Close the double-seat bench.



NOTE

The seat must be closed tightly in order to correctly mark the drill hole in the next step and ensure a tight fit of the seat latch once installed.

1.11. Mark the steel underframe of the seat by inserting a center punch through the bushings. See Figure 5.

1.12. Open the double-seat bench.

1.13. Locate the markings from step 1.11 and drill a 5/32" (4 mm) dia. hole through the steel underframe at both locations. See Figure 5.

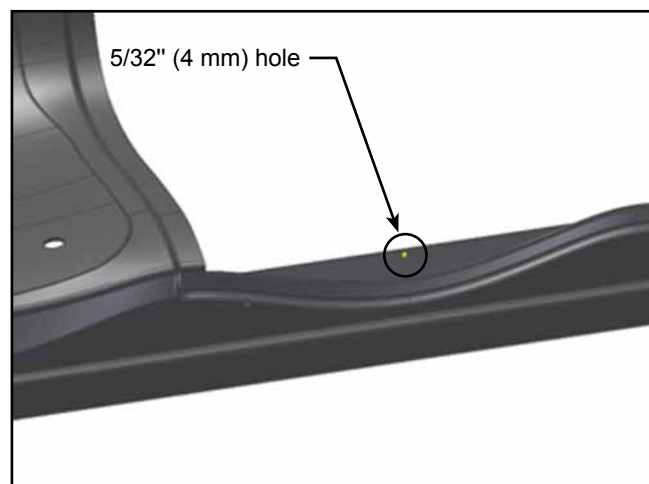


Figure 5 - Drilled Hole in Steel Underframe
(Curb Side Seat Shown / Street Side Similar)

- 1.14. Place the drilling jig (N67445) using the hole drilled at step 1.13. Horizontally level the jig and secure it in place with a clamp. See Figure 6.

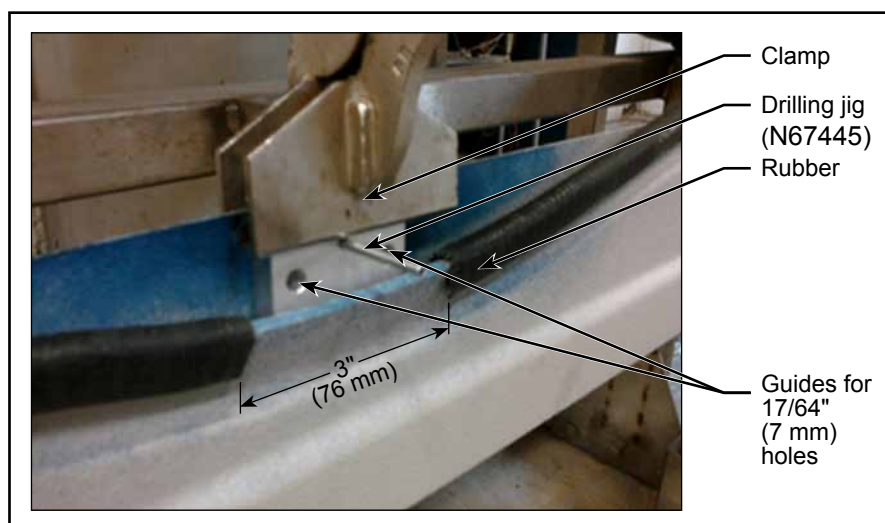


Figure 6 - Drilling Jig



NOTE

Levelling and clamping of the drilling jig is essential to the proper installation of the bracket.

- 1.15. Using the drilling jig as a guide, drill two 17/64" (7 mm) dia holes. See Figure 6.
- 1.16. Remove 3" (76 mm) of rubber below the drilling jig. See Figure 6.
- 1.17. Align the internal bracket (N67424) with the holes drilled in step 1.15, and secure it in place with bolts (N32018) and medium strength Loctite, or equivalent. See Figure 7.

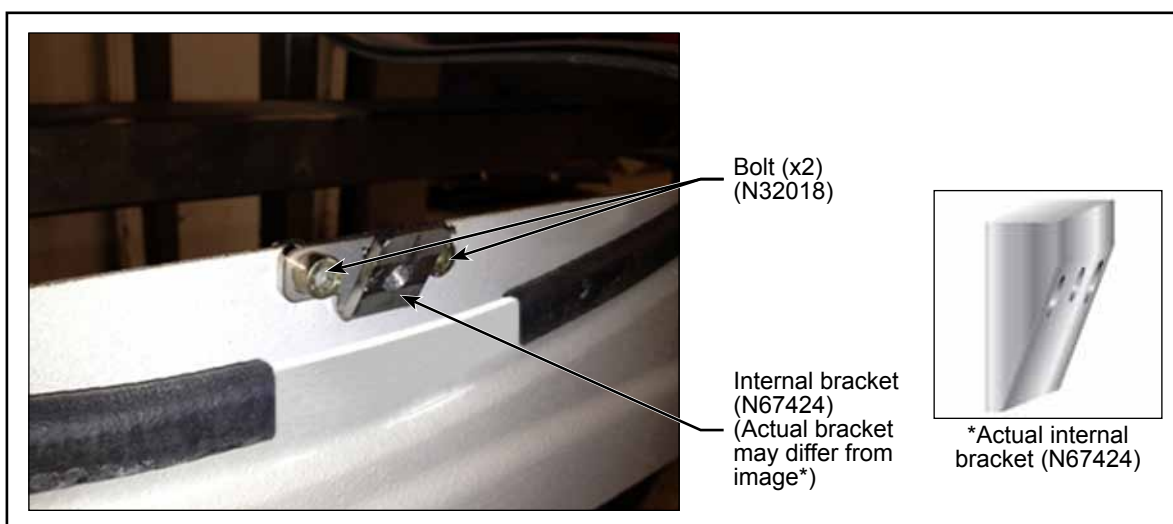
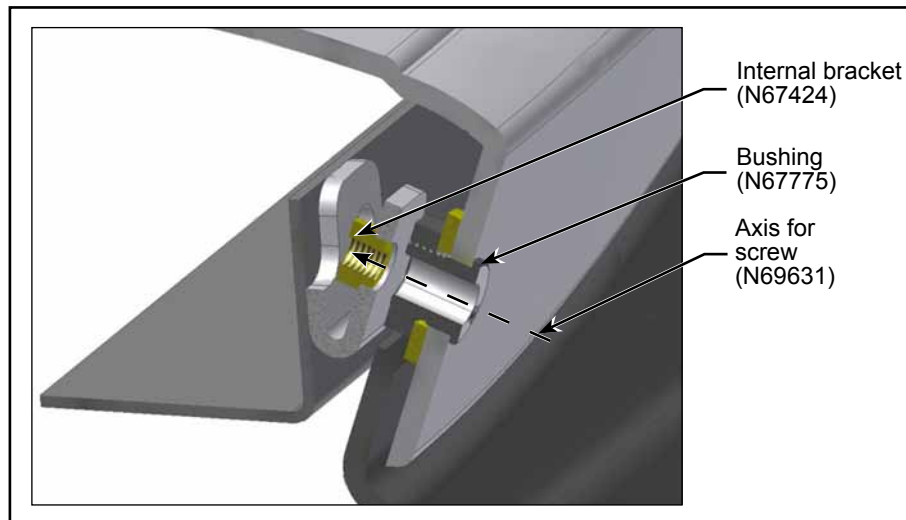


Figure 7 - Internal Bracket

- 1.18. Repeat steps 1.14 to 1.17 for the second internal bracket assembly.
- 1.19. Close the bench and insert the locking screw (N69631) through the bushing and into the internal bracket. See Figure 8.

**NOTE**

Some pressure must be applied to the seat while inserting or removing the locking screw.



*Figure 8 - Bracket Assembly
(Bench in Closed Position)*

- 1.20. Tighten the screws in both locations and ensure they are flush with the bushing. Ensure the screw is undamaged and properly seated. A damaged screw must be replaced.

**CAUTION**

Damaged or improperly secured screws may present a snagging hazard to passengers. ❖