

REFERENCE:	Nova Bus Manuals
SECTION:	12: Interior Furnishing
RS N°:	MQR 7621-1007
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE:N/A

SUBJECT:	Articulation stanchion
JUSTIFICATION:	A new stanchion was designed to cope with conditions where vehicles are exposed to extreme road vibrations. The original stanchion supplied with vehicles listed below is now discontinued and replaced with this new design. This document outlines the Installation instructions needed if a stanchion needs replacement.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Installation of new stanchion	Client	Client	–
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1*	N90327-21	–	STANCHION ARTIC ASSY SS YELLOW	N48035-03 / N48035-14
4*	N11169	–	BOLT M8X20 YP GR8.8 DIN933	–
4*	N21101	–	WASHER M8 OVERSIZE YP DIN9021	–
2*	N40770	–	BLOCK TENON M8	–
LEVEL 2				
–	–	–	–	–

* The material of this LI is to replace a single stanchion. If you are replacing the stanchions on both sides, please order this LI twice per vehicle.

To order, please contact Prevest 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.
	Yes	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2018JA29	Initial release	Kumaraswamy K S
R1	2018FE15	Justification has been made more explanatory.	Kumaraswamy K S
R2	2018MR29	Page 1: Quantity of material adjusted to replace one side at a time. Note added for the customer to specify if he wants to order 1 or 2 stanchions.	André Pelletier

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Austin - CMTA - Texas	L635	5001	5001	S92U7C4500163	S92U7C4500163	1
Halifax - Nova Scotia	L558	717	731	S92UXA3000293	S92U6A3000307	15
Halifax - Nova Scotia	L613	732	741	S92UXB3000019	S92UXB3000028	10
Halifax - Nova Scotia	L708	742	761	S92UXC3000782	S92U3C3000803	20
Houston - Texas	L952	1580	1580	S92J5G9775318	S92J5G9775318	1
Houston - Texas	L982	1581	1599	S92J5G9775514	S92J5G9775545	19
Mississauga Ontario	LA65	1770	1799	S92J8H9776254	S92J2H9776315	30
San Joaquin County - California	L768	—	—	S92L4D4500422	S92L3D4500427	6
Toronto Transit Commission - TTC - Ontario	L729	9000	9000	S92U9D3000905	S92U9D3000905	1
Toronto Transit Commission - TTC - Ontario	L738	9001	9026	S92J6D3001094	S92J7D3001119	26
Toronto Transit Commission - TTC - Ontario	L777	9027	9152	S92J7E3001123	S92J6E3001372	126

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Set the Master control switch in the STOP position (see Figure 1).

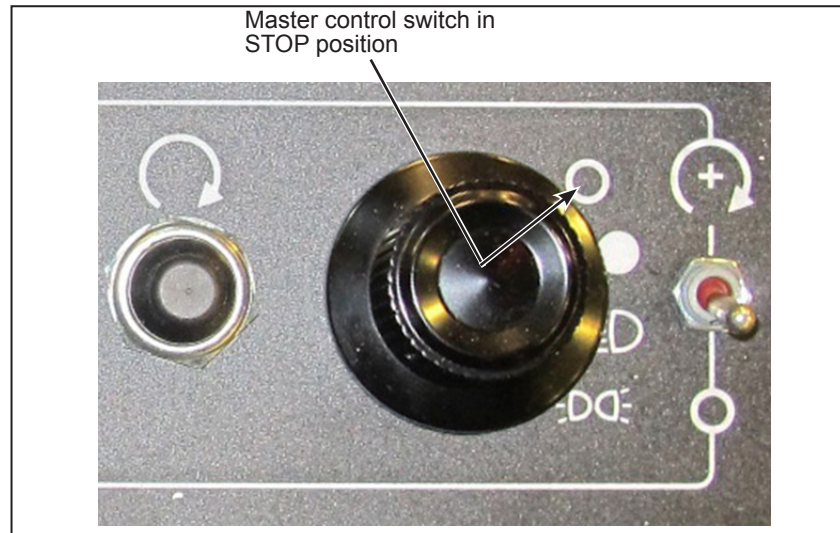


Figure 1 - Master Control Switch in STOP Position

- 1.3. Locate the articulation area inside the vehicle (see Figure 2).



Figure 2 - Typical View of Articulation System Inside the Vehicle

- 1.4. Remove the existing stanchion fixed to the center hoop of the articulation. Discard the stanchion, bolts and washers (see Figure 3).

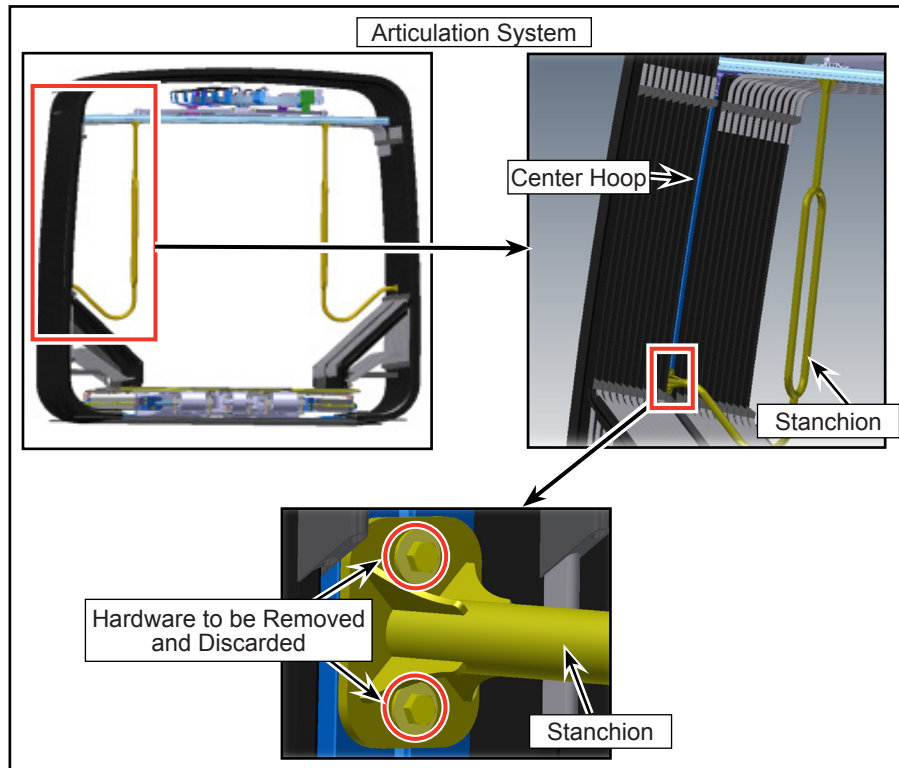


Figure 3 - Removal of Stanchion

- 1.5. Retain the tenon blocks at the same location (inside the center hoop aluminium profile) as shown (see Figure 4).

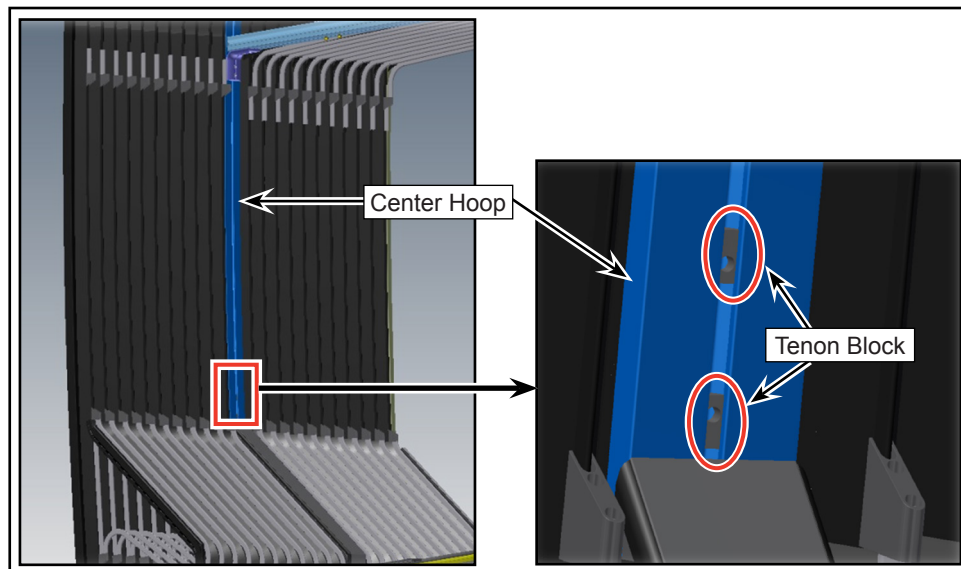


Figure 4 - Typical View of Tenon Block

- 1.6. Install the new tenon block into the center hoop profile (right below the horizontal guiding profile) with a flat screw driver as shown (see Figure 5).

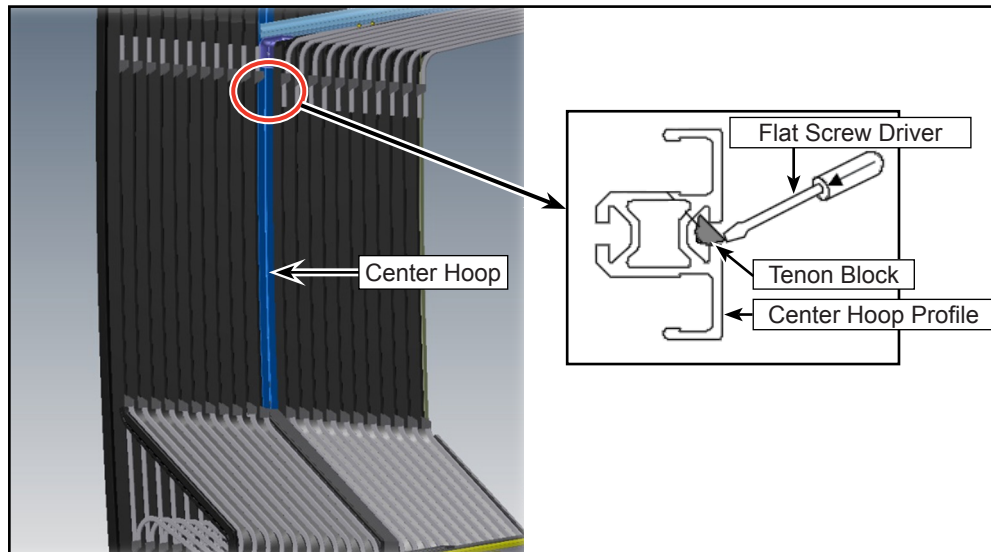


Figure 5 - Installation of Tenon Block

- 1.7. Install the new stanchion on to the tenon block present inside the center hoop profile with the hardware provided (see Figure 6).
- 1.8. Ensure that enough gap (Min. 25 mm) is left between the lower edge of the stanchion and the floor cover profile as shown (see Figure 6).
- 1.9. Apply blue thread locker and torque the bolts as specified (see Figure 6).

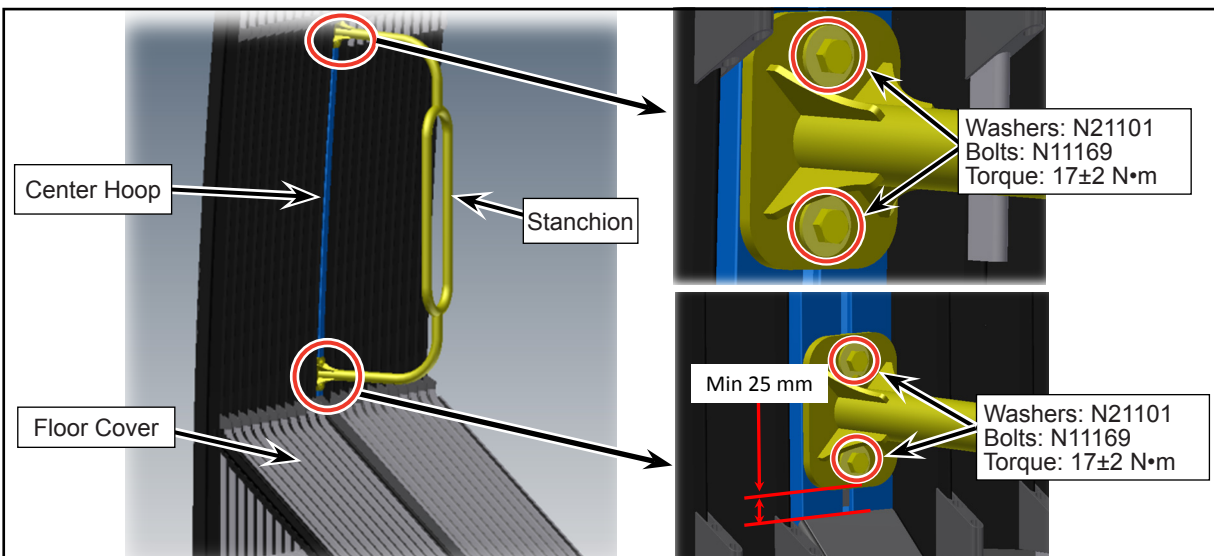


Figure 6 - Installation of New Stanchion

1.10. Ensure that the stanchion is vertical (perpendicular to the floor) (see Figure 7).

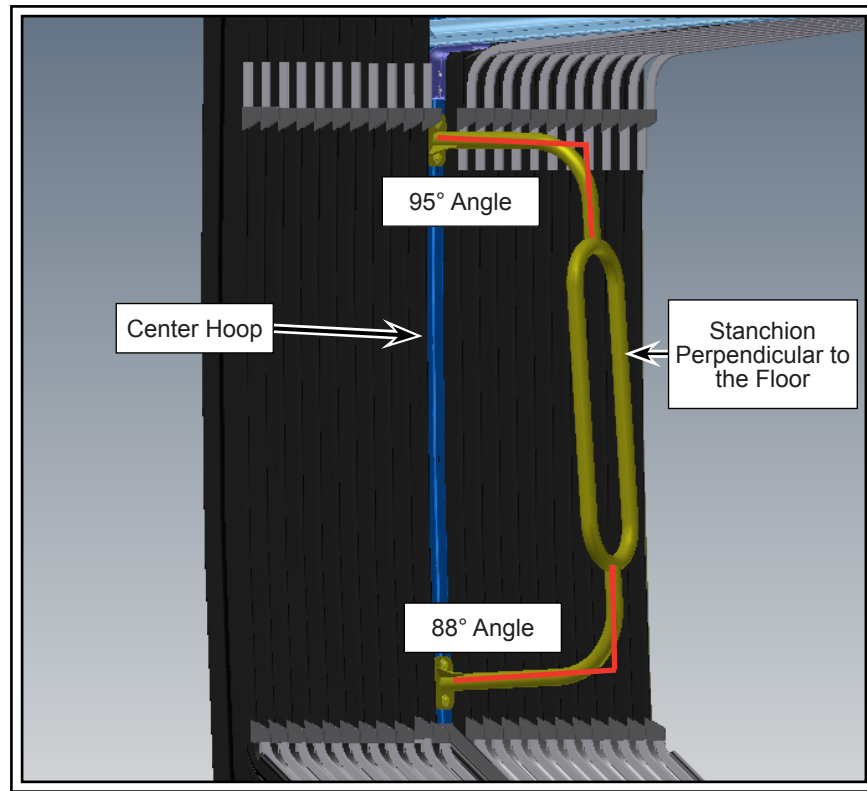


Figure 7 - Typical View of Stanchion Orientation

- 1.11. Apply torque seal on the bolts.
- 1.12. Set the Master control switch in the ON position.
- 1.13. The vehicle may be returned to service.