

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:	New improved stanchion is now available for installation in the articulation section of the vehicle.

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

**MATERIAL**

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
1	N90327-25	–	STANCHION ARTIC ASSY SS	N48035-01
4	N11169	–	BOLT M8X20 YP GR8.8 DIN933	–
4	N21101	–	WASHER M8 OVERSIZE YP DIN9021	–
2	N40770	–	BLOCK TENON M8	–
<b>LEVEL 2</b>				
–	–	–	–	–

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	* 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	2018JA30	Initial release	Kumaraswamy K S

APPROVED BY:

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Ames Transportation Agency - Iowa	L707	660	661	S92U5C4500159	S92U1C4500160	2
Ames Transportation Agency - Iowa	L904	6101	6104	S92J1G9775221	S92J7G9775224	4
CT Transit - Connecticut	L814	1462	1473	S92LXE4500717	S92L4E4500728	12
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3000644	S92U8C3000652	9

**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).

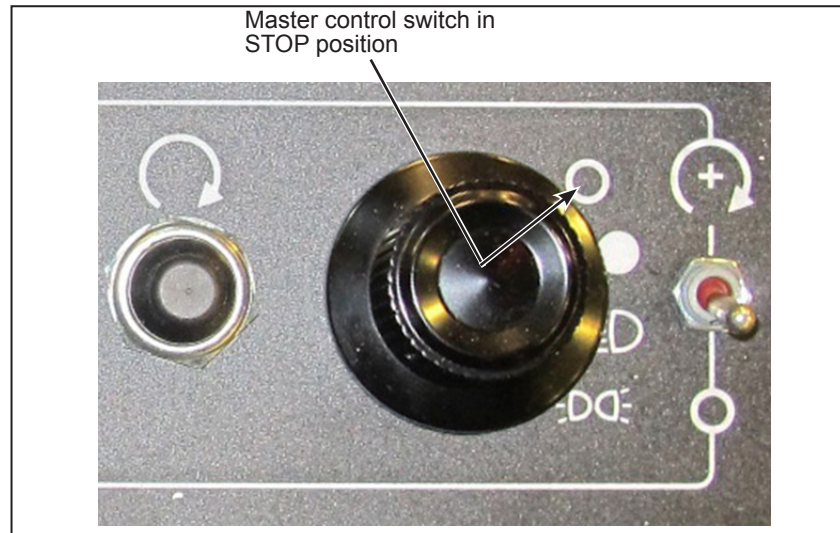


Figure 1 - Master Control Switch in STOP Position

- 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).

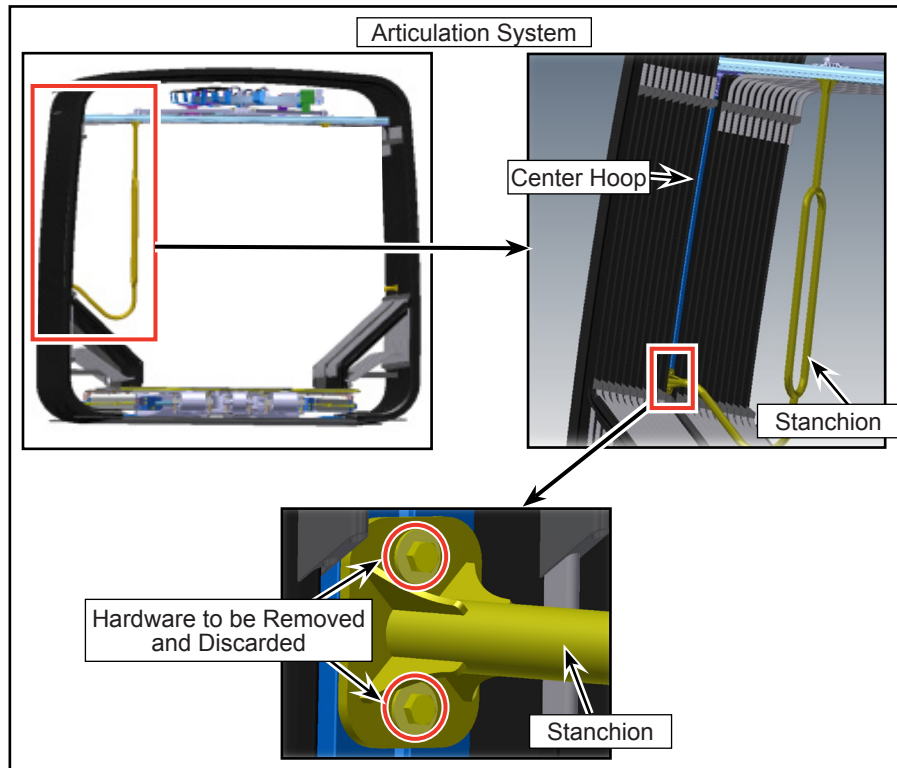


Figure 3 - Removal of Stanchion

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

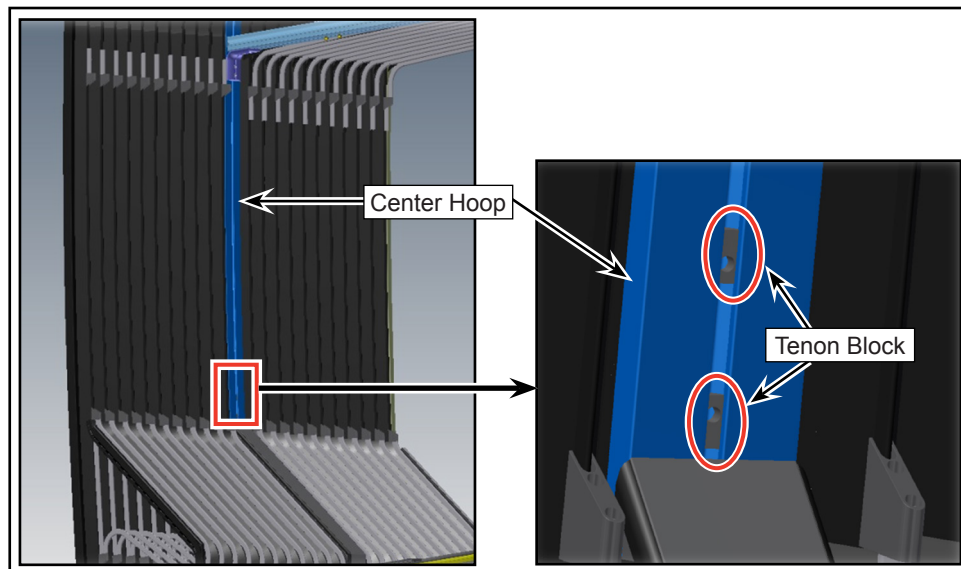


Figure 4 - Typical View of Tenon Block

- 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).

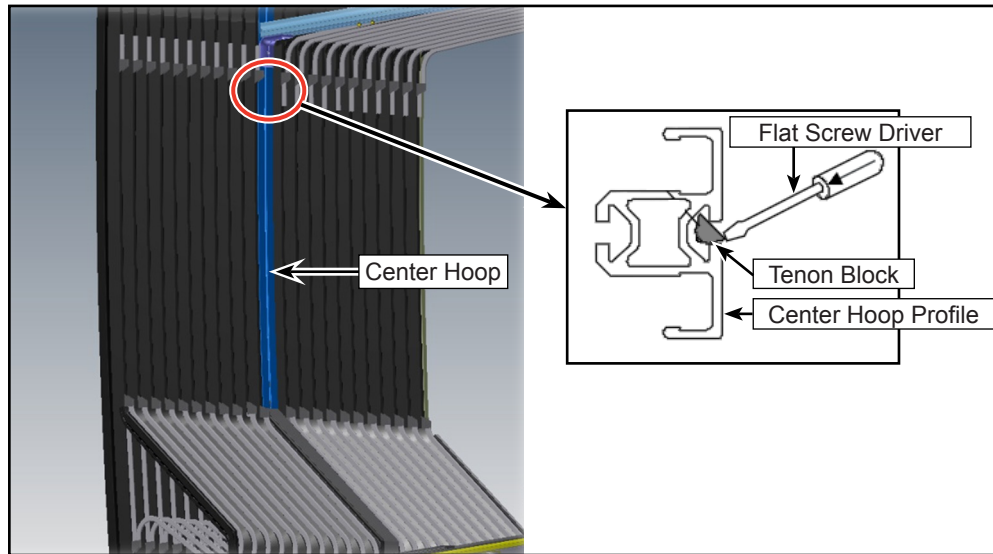


Figure 5 - Installation of Tenon Block

- 1.7. Install the new stanchion on to the tenon block present inside the center hoop profile with the hardware provided. Ensure that the new stanchion provided is installed on curb side of the bus (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).

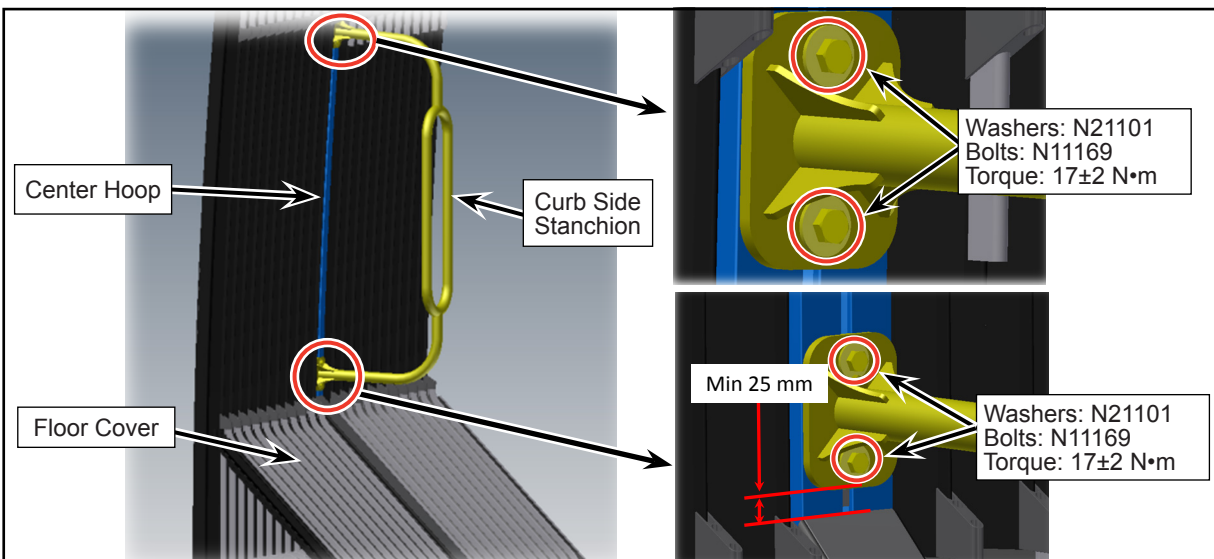


Figure 6 - Installation of New Stanchion

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

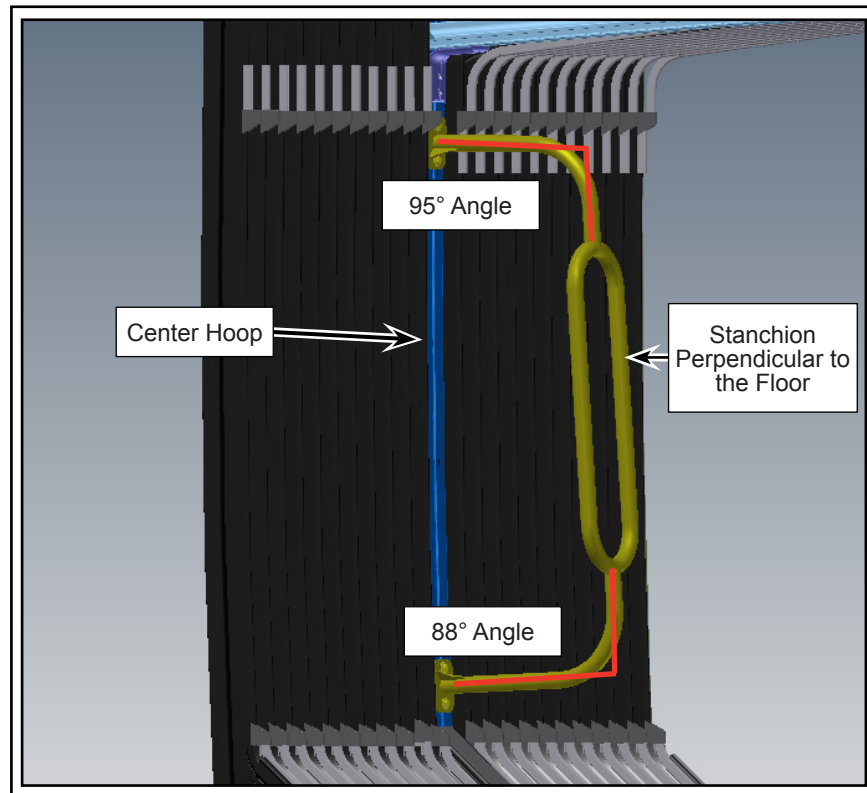


Figure 7 - Typical View of Stanchion Orientation

- 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.