

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°
LEVEL 1				
2	N90327-24	—	STANCHION ARTIC ASSY SS YELLOW	N48035-02
8	N11169	—	BOLT M8X20 YP GR8.8 DIN933	—
8	N21101	—	WASHER M8 OVERSIZE YP DIN9021	—
4	N40770	—	BLOCK TENON M8	—
LEVEL 2				
—	—	—	—	—

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.commands@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: Daniel Theriault

Digitally signed by Daniel Theriault
DN: cn=Daniel Theriault, o=Nova Bus, ou, email=daniel.theriault@volvo.com, c=CA
Date: 2018.01.31 14:04:25 -05'00'

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Clemson Area Transit - South Carolina	L617	-	-	S92U5C4500002	S92U5C4500002	1

**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).

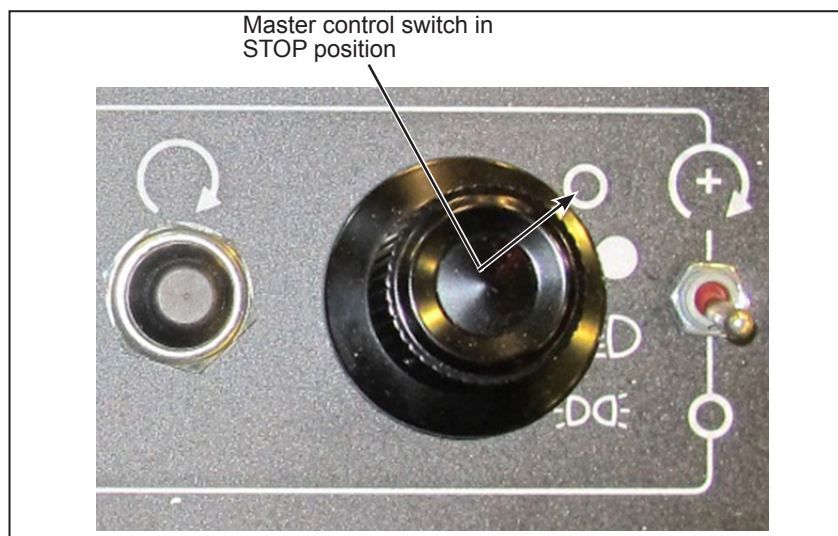


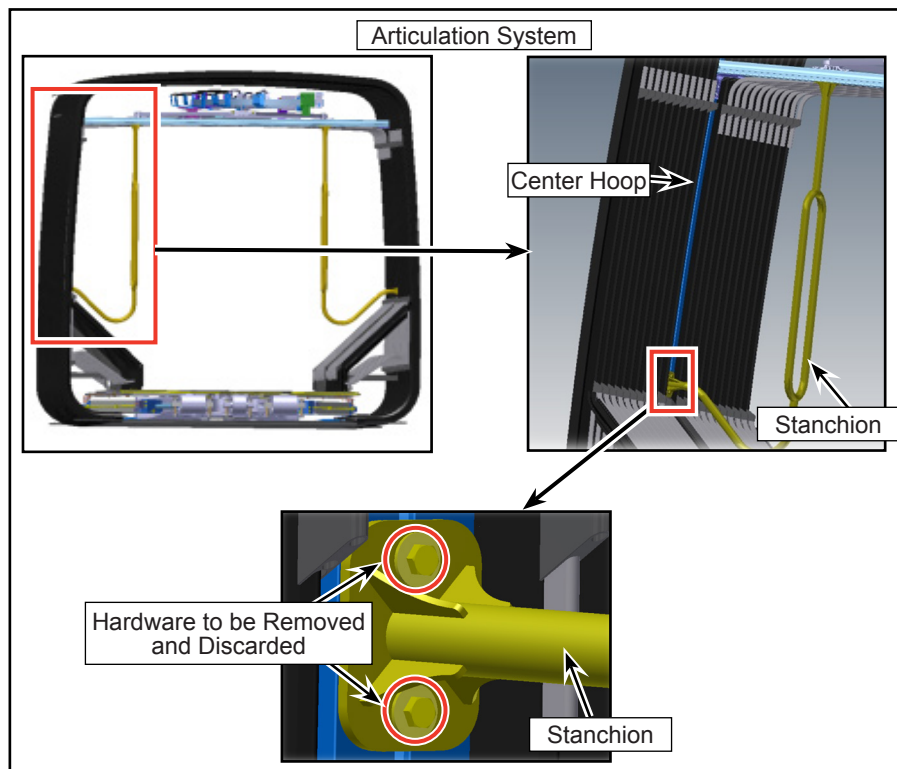
Figure 1 - Master Control Switch in STOP Position

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

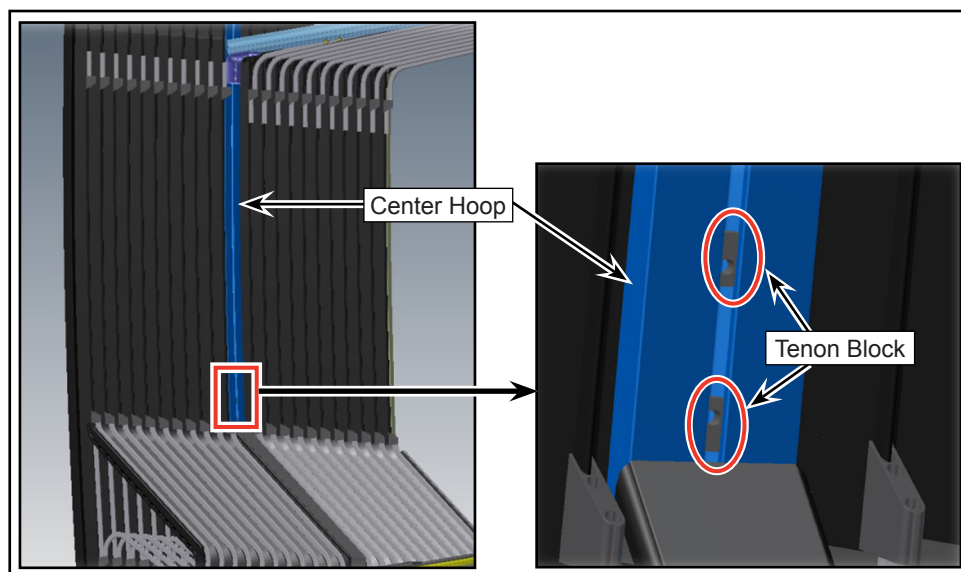


Figure 2 - Typical View of Articulation System Inside the Vehicle

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



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



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

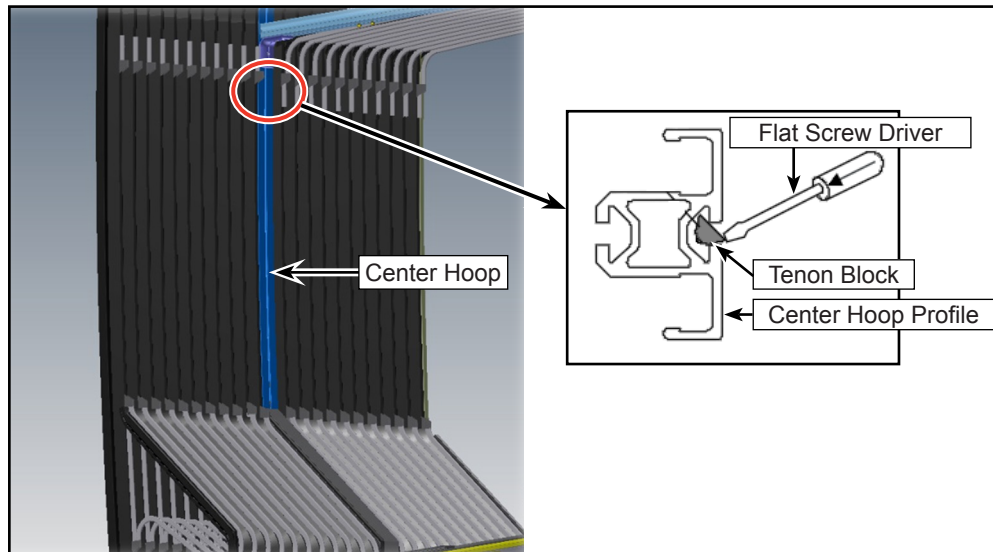


Figure 5 - Installation of Tenon Block

- 1.7. Install the new stanchions 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).

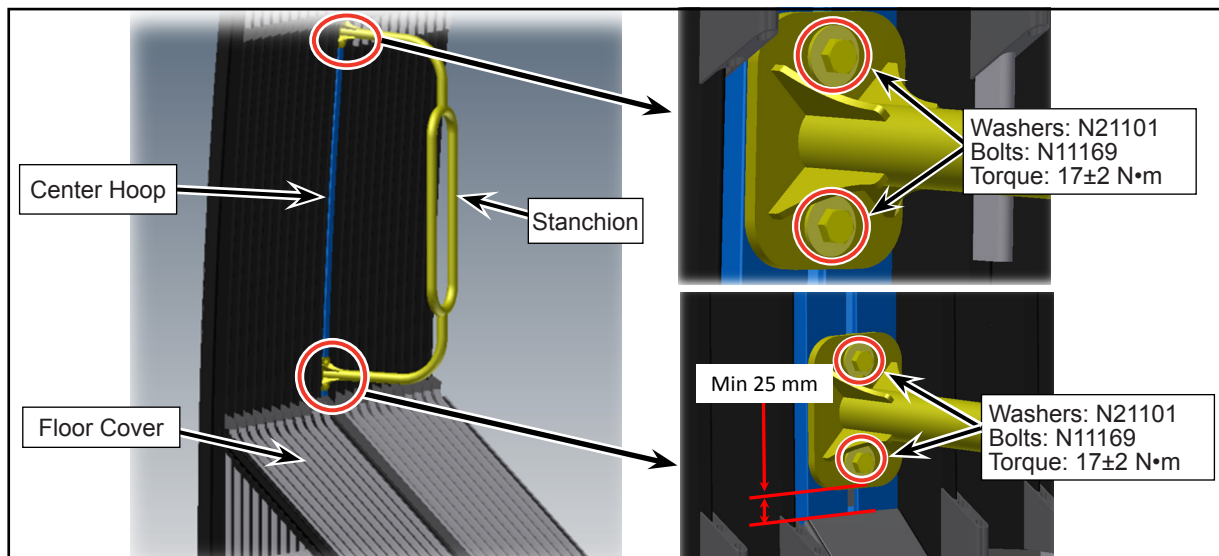


Figure 6 - Installation of New Stanchion

- 1.10. Ensure that the stanchion on both sides are vertical (perpendicular to the floor) (see Figure 7).

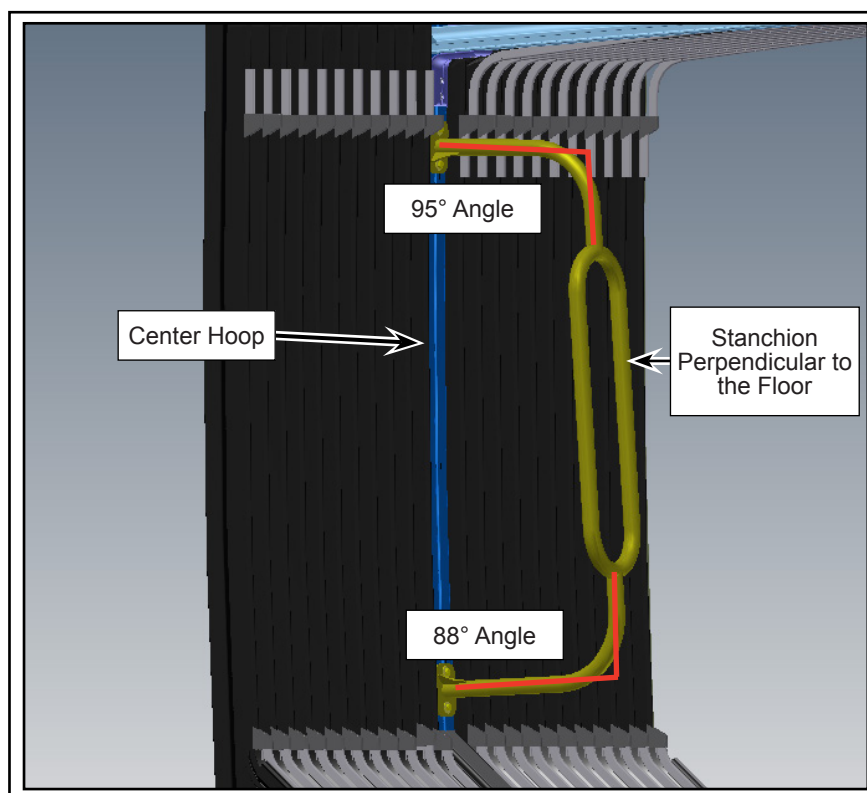


Figure 7 - Typical View of Stanchion Orientation

- 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.