

REFERENCE:	Nova Bus Manuals
SECTION:	10 Allison transmission
RS N°:	MQR 7621-682
EFFECTIVE IN PROD.:	L763 (2013AU)

APPLICATION DEADLINE:
2014JN01

SUBJECT:	Retarder application in the B500 Allison transmission
JUSTIFICATION:	Bring retarder air supply into compliance with Allison Technical data

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the retarder hose assembly and connectors	Nova Bus	Nova Bus	30 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
2	0455863		Connect M-FL45-6, M-NPT-6	–
1	N18455		Elbow	
1	N95703.42		Hose assembly	
1	29514765		Connector (allison part No)	
LEVEL 2				
–	–	–	–	–

Materials will be available within 28 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	* 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	2013JN05	Initial release	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Connecticut Transit - Connecticut	L554	1041	1054	S92U1A4000139	S92U4A4000152	14
Connecticut Transit - Connecticut	L554	1055	1065	S92U8A4000154	S92U0A4000164	11
Marketing Sales Demo - MSD 4	L568	—	—	S92U9B3000013	S92U9B3000013	1
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3000644	S92U8C3000652	9
Toronto Transit Commission - TTC - Ontario	L729	9000	9000	S92U9D3000905	S92U9D3000905	1

**WARNING**

Follow your internal safety procedures.

PROCEDURE

1.1. Locate the retarder air line assembly. See Figure 1.

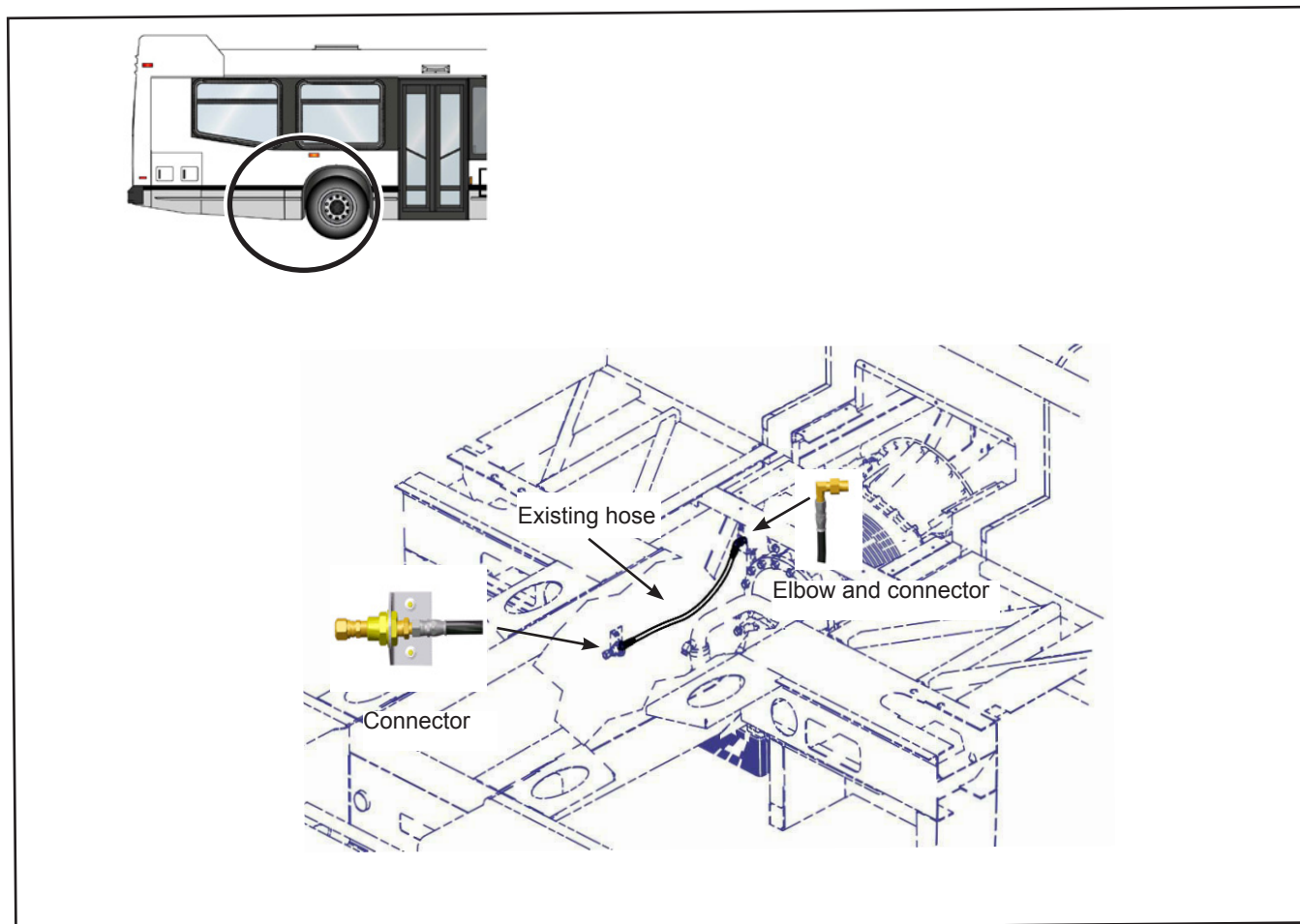


Figure 1 - Existing Retarder Air Line Assembly Location

- 1.2. Release air pressure from the system by opening the accessory reservoir release valve.
- 1.3. Remove the air line assembly hose P-clamp. Retain the hardware. See Figure 2.

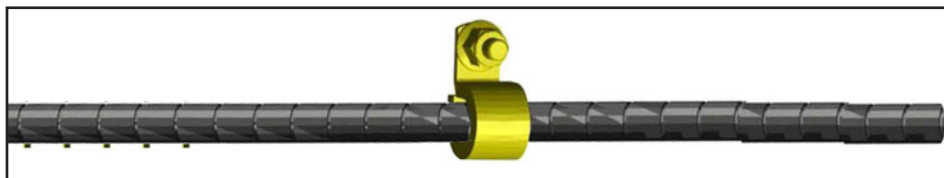


Figure 2 - P-clamps Air Line Assembly

- 1.4. Remove and dispose of the existing retarder air line assembly hose.
- 1.5. Remove and dispose of the existing elbow. See Figure 3.
- 1.6. Remove and dispose of the existing connector No 1. See Figure 3.
- 1.7. Remove and dispose of the existing connector No 2. See Figure 3.

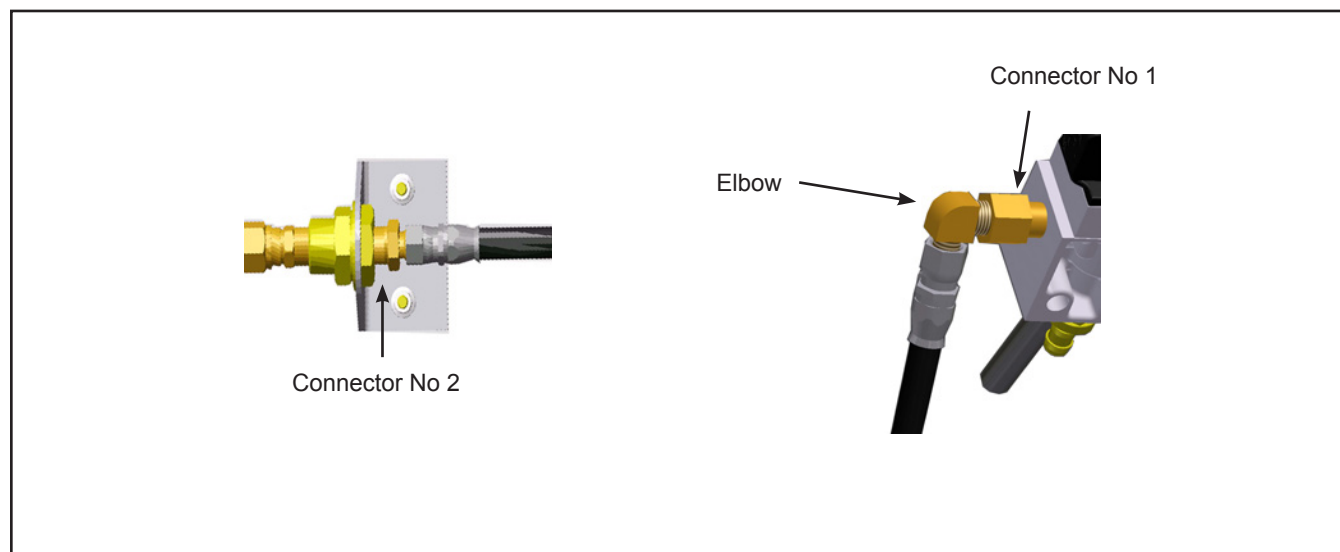


Figure 3 - Existing Retarder Air Line Assembly

**NOTE**

Refer to section 99: GENERAL PRACTICE from the Nova Bus maintenance manual for the installation.

- 1.8. Install 29514765 connector. See Figure 4.
- 1.9. Install N18455 elbow. See Figure 4.
- 1.10. Install the two new 0455863 connectors. See Figure 4.
- 1.11. Install the new N95703-41 hose assembly. See Figure 4.

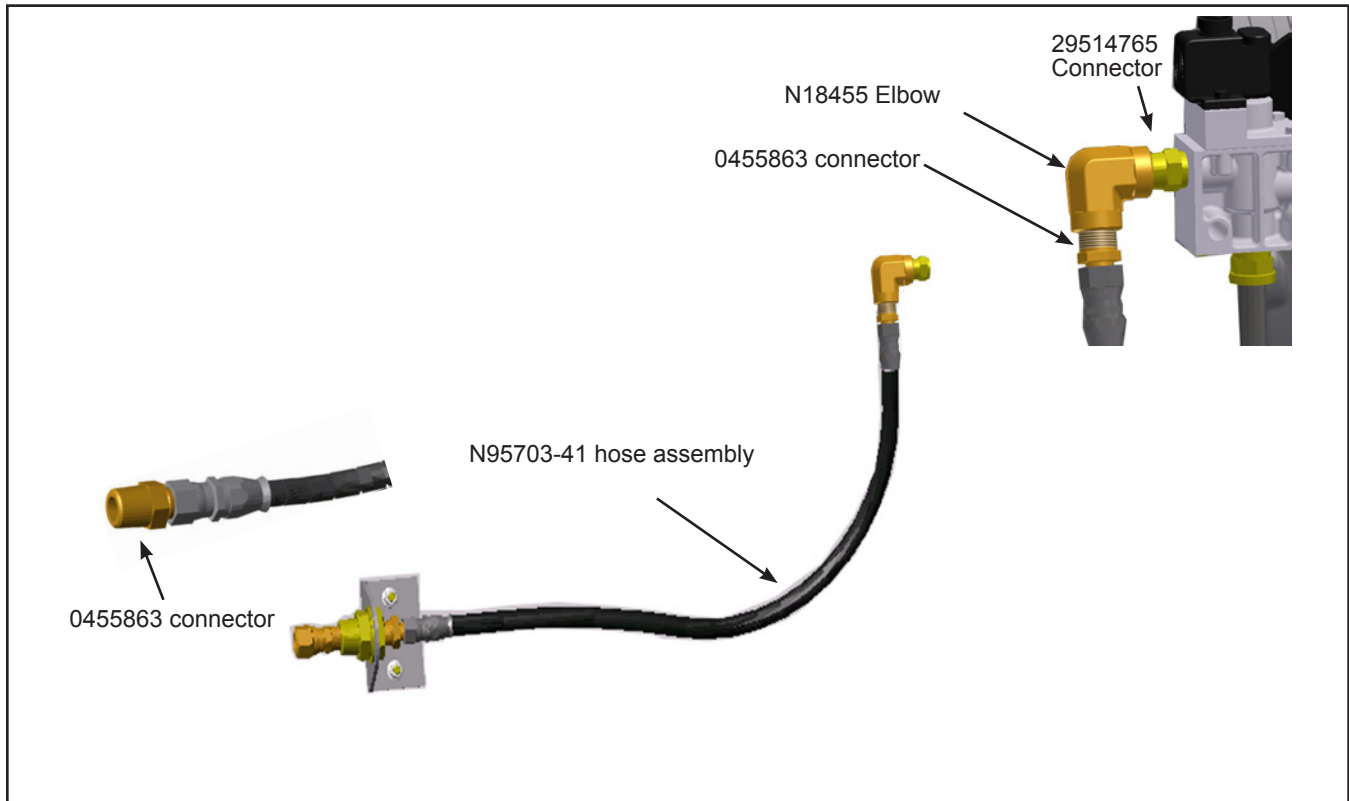


Figure 4 - New Retarder Air Line Assembly

- 1.12. Affix the hose assembly to the vehicle with the retained hardware.❖