NOVA BUS **SERVICE BULLETIN** **BS2036ER1**

REFERENCE:	Nova Bus Manuals
SECTION:	10 Allison transmission
RS Nº:	MQR 7621-682
EFFECTIVE IN PROD.:	L780 (2013JL)

APPLICATION DEADLINE:
2014JN01

SUBJECT:	Retarder application in the B400 Allison transmission
JUSTIFICATION:	Abnormal delay in retarder application

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 Nº	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
2	0455863		Connect M-FL45-6, M-NPT-6	–
1	N95703-41		Hose assembly	–
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
R1	2013JN13	Description of 0455863 part was change to Connect M-FL45-6, M-NPT-6. B400 was added to subject. Visual clarification on components to be removed.	Wilder Galiano

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: 2013.06.20 15:21:45 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Arrow Coach Line - Arkansas	L494	—	—	L82U793000397	L82U793000397	1
Clemson Area Transit - South Carolina (ref L722)	L641	—	—	L82U1C4500005	L82U5C4500010	5
Demo CNG	L716	—	—	L82A5D3000896	L82A5D3000896	1
Demo US NIS	L754	—	—	L82UXD4500277	L82U3D4500296	20
Duke University - North Carolina (ref. L703)	L641	—	—	L82U9C4500012	L82U1C4500022	8
Honolulu - Hawaii	L559	201	224	L82U6A4000113	L82U7A4000136	24
Lethbridge - Alberta	L489	165	169	L82U493000454	L82U193000458	5
LFS US NIS	L754	—	—	L82UXD4500277	L82U7D4500284	8
Moncton (Codiac) - New Brunswick	L569	—	—	L82U4B4000001	L82U4B4000001	1
Moncton (Codiac) - New Brunswick	L570	—	—	L82U6B4000002	L82U6B4000002	1
New York City Transit - New York	L608	8000	8014	L82U6B4000047	L82U0B4000061	15
Niagara Falls - Ontario	L499	2986	2989	L82U093000564	L82U693000567	4
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3000653	L82U2C3000654	2
Peterborough - Ontario	L490	—	—	L82UX93000345	L82U593000348	4
Regina - Saskatchewan	L476	625	628	L82U893000313	L82U393000316	4
Regina - Saskatchewan	L639	645	654	L82U1B3000336	L82U2B3000345	10
Sault Ste-Marie Transit Services - Ontario (ref L686)	L641	135	139	L82U7C4500008	L82U6C4500016	5
St. John's - Newfoundland	L503	1066	1066	L82U4A3000071	L82U4A3000071	1
St. John's - Newfoundland	L687	1201	1209	L82U7C3000598	L82U2C3000606	9
St. John's - Newfoundland	L731	1310	1314	L82U3C3000842	L82U2C3000847	5
Stratford - Ontario	L493	—	—	L82U2A3000019	L82U2A3000019	1
Stratford - Ontario	L634	—	—	L82UXB3000352	L82UXB3000352	1
Stratford - Ontario	L752			L82U9D3000863	L82U9D3000863	1
Strathcona County Transit - Alberta	L523	2010	2010	L82U693000603	L82U693000603	1
Strathcona County Transit - Alberta	L580	2011	2023	L82U1A3000464	L82U8A3000476	13
Strathcona County Transit - Alberta	L659	2024	2028	L82U7B3000440	L82U4B3000444	5
Thunder Bay - Ontario	L488	—	—	L82U193000332	L82U593000334	3
Thunder Bay - Ontario	L614	—	—	L82UXB3000061	L82U3B3000063	3
Thunder Bay - Ontario	L662	—	—	L82U3B3000533	L82U7B3000535	3
Thunder Bay - Ontario	L739	—	—	L82U3D3000860	L82U7D3000862	3
Walt Disney World - Florida	L535	1204	1213	L82UXA4000003	L82U0A4000012	10

WARNING

Follow your internal safety procedures.

PROCEDURE

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

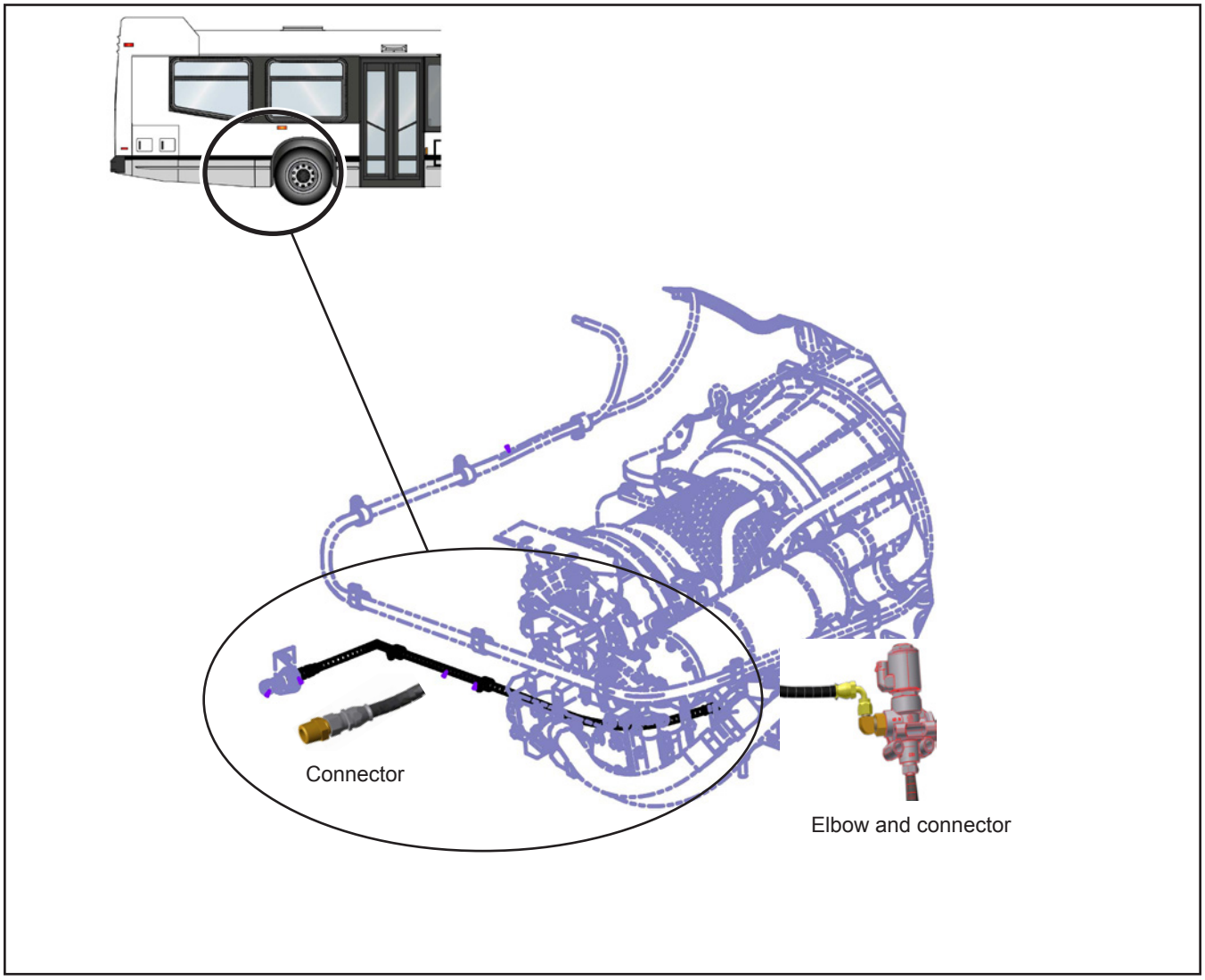

Figure 1 - Retarder Air Line Assembly Location

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

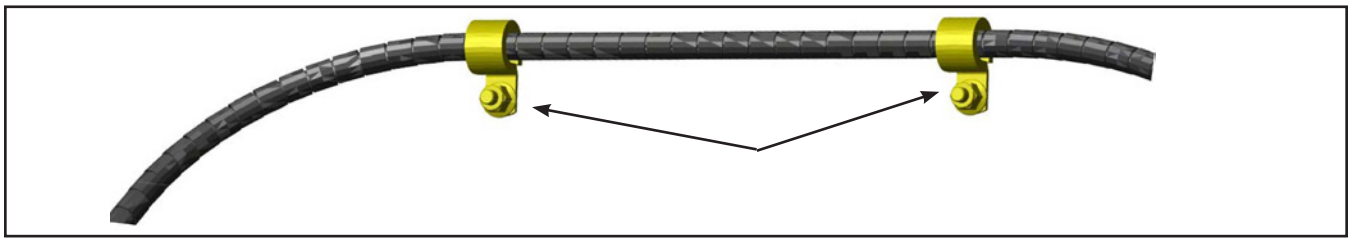

Figure 2 - P-clamps Air Line Assembly

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.

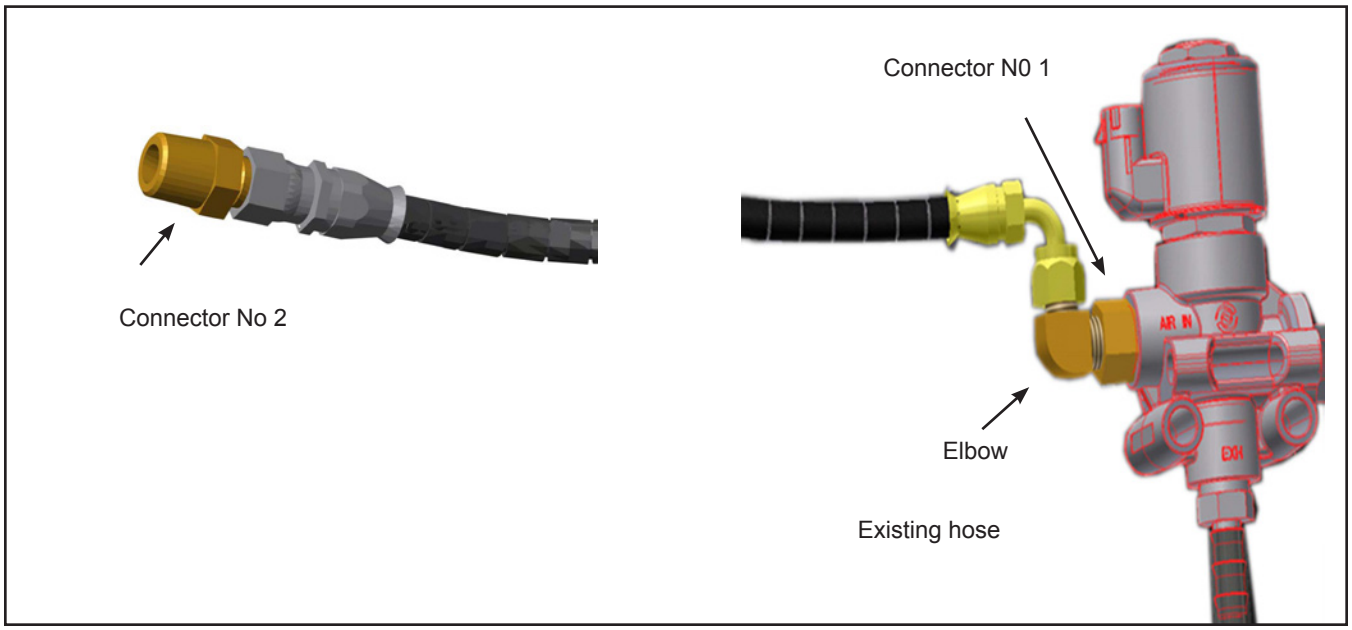

Figure 3 - Existing Retarder Air Line Assembly

NOTE

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

1.8. Install the two new 0455863 connectors. See Figure 4.

1.9. Install the new N95703-41 hose assembly. See Figure 4.

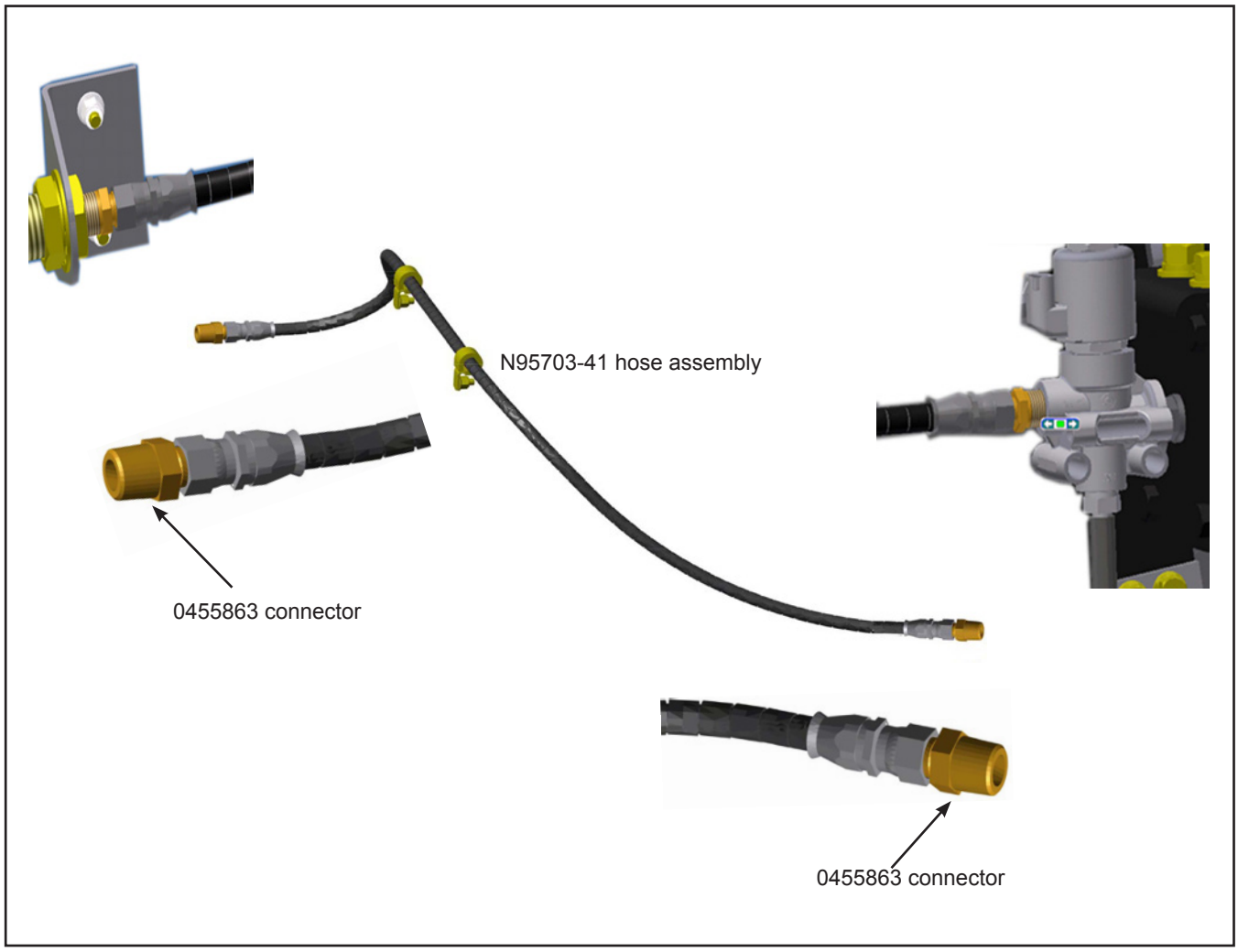

Figure 4 - New Retarder Air Line Assembly

1.10. Affix the hose assembly to the vehicle with the retained hardware.❖