

REFERENCE:	Nova Bus Manuals
SECTION:	11-3 DPF with SCR Exhaust System
RS N°:	7621-435
EFFECTIVE IN PROD.:	L670-96 PLB (2011AU) L647 STE (2012FE)

APPLICATION DEADLINE:
2013JL09

SUBJECT:	Coolant fluid hoses for the diesel exhaust fluid reservoir (DEF)
JUSTIFICATION:	Coolant fluid hoses for the DEF reservoir may come into contact with the engine cradle and the streetside engine support, close to the transmission. In cases of contact, tearing of the hoses could result.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Verify whether the coolant fluid hoses of the DEF reservoir come into contact with the engine cradle and the engine support.	Nova Bus	–	5 min
2	If there is contact, reposition the coolant fluid hoses of the DEF reservoir.	Nova Bus	Client*	10 min

* The cost of the material will be reimbursed when claiming for this service document.

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
–	–	–	–	–
LEVEL 2 (only if required*)				
2	N37749	–	Double Plastic Clamp	–

Materials will be available within 13 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.

* The material identified in Level 2 is to be ordered only for vehicles that respect the criteria defined in Level 1.

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	2012JN20	Initial release	Chantal Rodrigue
R1	2014MR18	NYC L643 road number was corrected to 5895	Wilder Galiano

APPROVED BY:

Daniel Theriault

Digitally signed by Daniel Theriault
DN: cn=Daniel Theriault, o=Nova Bus,
ou=Publication,
email=daniel.theriault@volvo.com, c=CA
Date: 2014.03.18 13:07:36 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Airdrie Transit	L664	—	—	L82U2B3000507	L82U2B3000507	1
BC Transit - BCT - British Columbia	L604	9434	9434	L82U5C3000597	L82U5C3000597	1
Belleville Transit - Ontario	L598	—	—	L82U5A3000581	L82U7A3000582	2
Belleville Transit - Ontario	L655	—	—	L82U3B3000385	L82U3B3000385	1
Brantford - Ontario	L663	—	—	L82U1B3000532	L82U1B3000532	1
Calgary Transit - Alberta	L601	8101	8114	L82U5A4000099	L82U4A4000112	14
Calgary Transit - Alberta	L607	8115	8130	L82UXA3000477	L82U6A3000492	16
Calgary Transit - Alberta	L615	8131	8158	L82U1B4000019	L82U4B4000046	28
Calgary Transit - Alberta	L624	—	—	L82U4B4000077	L82U6B4000078	2
Calgary Transit - Alberta	L637	8161	8180	L82U7B3000356	L82U2B3000376	20
Clemson Area Transit - South Carolina (ref L722)	L641	—	—	L82U1C4500005	L82U9C4500009	4
Connecticut Transit - Connecticut	L554	1041	1065	S92U1A4000139	S92U0A4000164	25
Connecticut Transit - Connecticut	L571	1066	1075	S92YXB4000144	S92Y4B4000169	10
Duke University - North Carolina	L651	—	—	S92Y1B4000145	S92Y3B4000146	2
Fredericton - New Brunswick	L672	—	—	L82U0B3000540	L82U2B3000541	2
Fredericton - New Brunswick	L688	8113	8113	L82U8C3000643	L82U8C3000643	1
Grand River Transit - GRT - Ontario	L633	21101	21115	L82U7B3000289	L82U8B3000303	15
Greater Toronto Airports Authority - GTAA - Ontario	L616	—	—	L82U4C4500001	L82U4C4500001	1
Guelph - Ontario	L579	221	224	L82UXA3000401	L82U5A3000404	4
Guelph - Ontario	L669	—	—	L82U9B3000536	L82U4B3000539	4
Halifax - Nova Scotia	L558	717	731	S92UXA3000293	S92U6A3000307	15
Halifax - Nova Scotia	L613	732	741	S92UXB3000019	S92UXB3000028	10
Halifax - Nova Scotia	L693	526	534	L82U8C3000657	L82U7C3000665	9
Kings Transit - Kentville, Nova Scotia	L581	—	—	L82U2B3000054	L82U2B3000054	1
Marketing Sales Demo - MSD 3	L617	—	—	S92U5C4500002	S92U5C4500002	1
Marketing Sales Demo - MSD 4	L568	—	—	S92U9B3000013	S92U9B3000013	1
Marketing Sales Demo - MSD 4	L618	—	—	S92U1C3000377	S92U1C3000377	1
Marketing Sales Demo - MSD 4	L641	—	—	L82U5C4500010	L82U5C4500010	1
Marketing Sales Demo - MSD 6 Houston	L628	—	—	L82U8C4500003	L82UXC4500004	2
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
New York City Transit - New York	L620	8015	8074	L82U2B4000062	L82U7B4000123	60
New York City Transit - New York	L621	8075	8089	L82U9B4000124	L82U9B4000138	15
New York City Transit - New York	L643	5895	5895	S92U1B4000143	S92U1B4000143	1
New York City Transit - New York	L670	5771	5896	S92U9B4000147	S92U1C4500031	95
Niagara Falls - Ontario	L652	—	—	S92U3C3000607	S92U6C3000617	11
Niagara Falls - Ontario	L653	—	—	L82U9C3000618	L82U9C3000621	5
Niagara Parks Commission - Ontario	L656	—	—	L82U0C3000653	L82U2C3000654	2
Niagara Parks Commission - Ontario	L685	—	—	S92U9C3000644	S92U8C3000652	9
Regina - Saskatchewan	L639	645	654	L82U1B3000336	L82U2B3000345	10

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Sault Ste-Marie Transit Services - Ontario (ref L686)	L641	—	—	L82U7C4500008	L82U6C4500016	5
St. John's - Newfoundland	L687	1201	1209	L82U7C3000598	L82U2C3000606	9
Stratford - Ontario	L634	—	—	L82UXB3000352	L82UXB3000352	1
Strathcona County Transit - Alberta	L580	2011	2023	L82U1A3000464	L82U8A3000476	13
Strathcona County Transit - Alberta	L659	2024	2028	L82U7B3000440	L82U4B3000444	5
Sudbury - Ontario	L632	811	817	L82U9B3000326	L82U4B3000332	7
Thunder Bay - Ontario	L614	—	—	L82UXB3000061	L82U3B3000063	3
Thunder Bay - Ontario	L662	—	—	L82U3B3000533	L82U7B3000535	3
Timmins - Ontario	L661	—	—	L82U9B3000486	L82U9B3000486	1
University of Alabama - Alabama	L640	—	—	L82U9B4000141	L82U0B4000142	2
University of Colorado - Colorado	L627	—	—	S92UXB4000139	S92U6B4000140	2
University Of Duke - North Carolina (ref. L703)	L641	—	—	L82U9C4500012	L82U1C4500022	8
York Regional Transit - Ontario	L562	1080	1082	S92U2A3000420	S92U6A3000422	3
York Regional Transit - Ontario	L572	1083	1094	S92U3A3000569	S92U2A3000580	12

**WARNING**

Follow your internal safety procedures.

PROCEDURE

LEVEL 1: INSPECT

- 1.1. Raise the vehicle.

**CAUTION**

For information on hoisting and towing the vehicle, see section 18: HOISTING AND TOWING in the Nova Bus maintenance manual. Respect your internal safety procedures. Use appropriate hoisting equipment for your protection.

- 1.2. Locate the area where three coolant fluid hoses for the diesel exhaust fluid (DEF) reservoir are liable to come into contact with the engine cradle and the streetside engine support. See Figure 1.

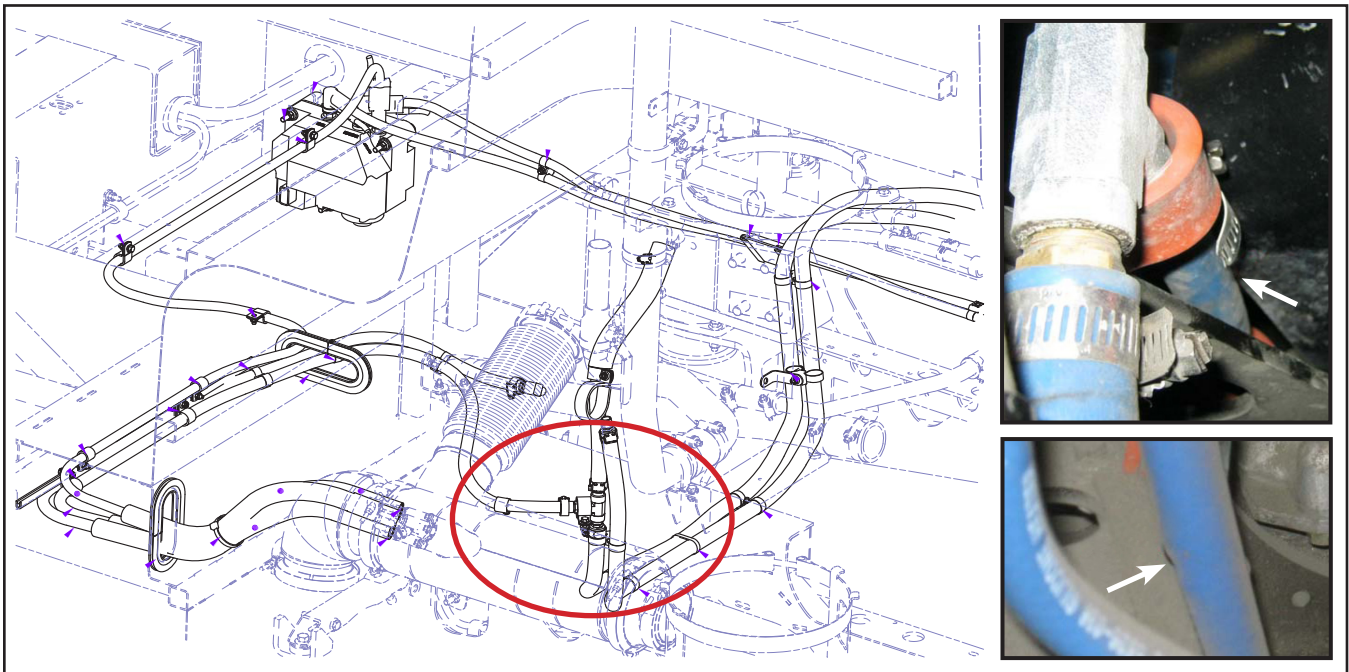


Figure 1 - Possible Contact Area and Examples

- 1.3. Verify the routing of each of the hoses:
- 1.3.1. If there is contact between one or more of the hoses and the engine cradle or the engine support (see Figure 1 for examples), proceed to Level 2 of this document.
 - 1.3.2. If there is no contact at all, no further action is necessary. Lower the vehicle.

LEVEL 2: INSTALL

- 2.1. Move the hoses away from the engine cradle and the engine support by repositioning the P-clamps that hold the hoses in place.
- 2.2. If necessary, install one or more double plastic clamps N37749 to separate the hoses and maintain their new position. See Figure 2 for examples of proper positioning of the hoses.

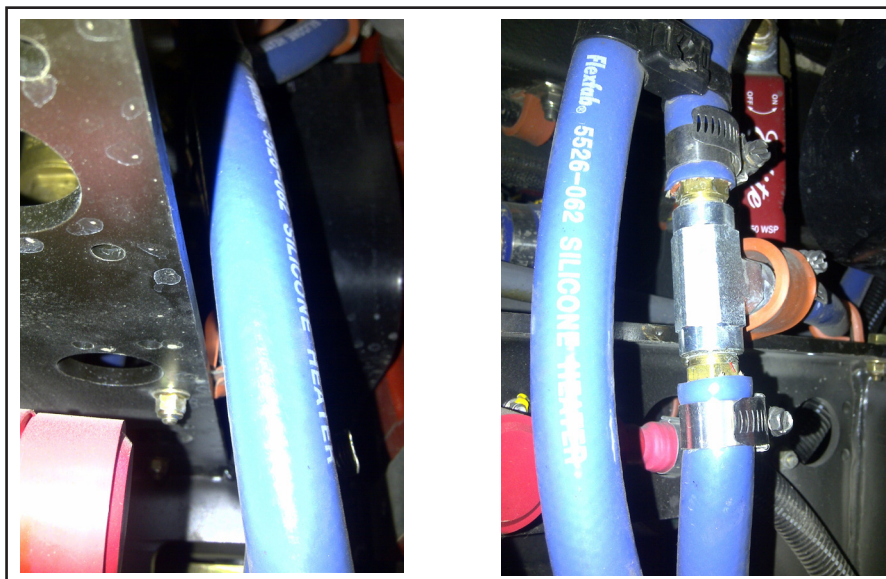


Figure 2 - Proper Positioning of the Hoses

- 2.3. Lower the vehicle. ❖