NOVA BUS

SERVICE BULLETIN BS3126A

REFERENCE:	Nova Bus Manuals
SECTION:	09 Engine Cooling
RS Nº:	7621-418
EFFECTIVE IN PROD.:	L690 (2012-04)

APPLICATION DEADLINE: 2015AL30
CLAIM REFERENCE NUMBER: WB-3126

SUBJECT:	Leaking at the engine auxiliary heating outlet hose.
JUSTIFICATION:	Outlet hose may crack because the heat shield become detached and do not protect against heat.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Remove the heat shield and inspect if cracks are present in the hose.	Nova Bus	–	10 min
2	If required, replace the cracked hose and install the heat shield with staples.	Nova Bus	Client*	35 min

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

MATERIAL (only if required*)

QTY	PART Nº	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N49339	–	Heat shield	–
LEVEL 2				
1	N34345	–	Outlet hose	–

Materials will be available within 30 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 *	* To be reimbursed, the parts must be retained and handed to your after-sales service representative at the time of the claim.
	–	Yes	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2014MR15	Initial release	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: 2014.04.10 17:29:03 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Strathcona County Transit - Alberta	L524	3005	3010	L82X593000604	L82X493000609	6
Brantford - Ontario	L547	10101	10105	L82X6A3000082	L82X3A3000086	5
Marketing Sales Demo - MSD 1 ISB Hybrid	L548	—	—	L82X5A3000087	L82X5A3000087	1
CT Transit - Connecticut	L571	1101	1110	S92YXB4000144	S92Y4B4000169	10
Duke University - North Carolina	L651	—	—	S92Y1B4000145	S92Y3B4000146	2

WARNING

Follow your internal safety procedures.

PROCEDURE

LEVEL 1: INSPECT

1.1. Remove the transmission access panel located inside the vehicle, at the rear interior of the vehicle. Retain the hardware. See Figure 1.

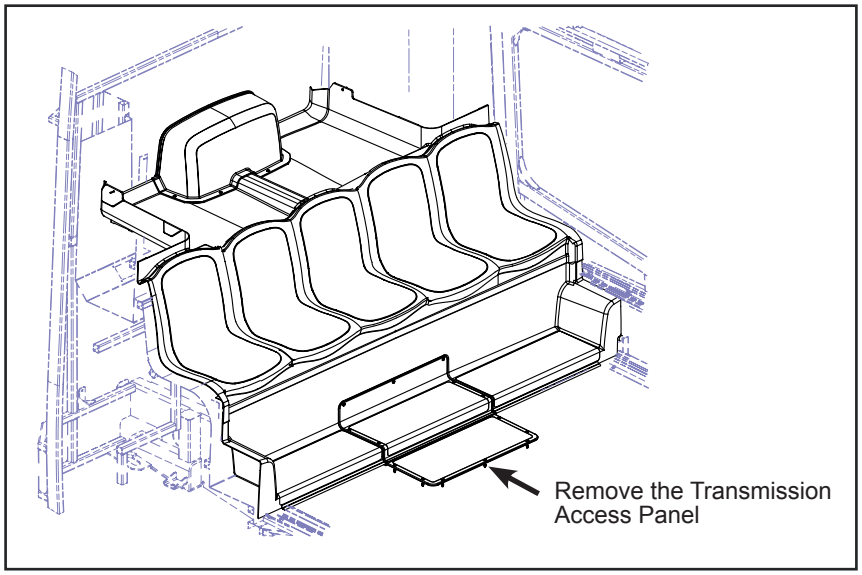

Figure 1 - Access by the Transmission Access Panel

1.2. Locate the engine coolant outlet hose heat shield. See Figure 2.

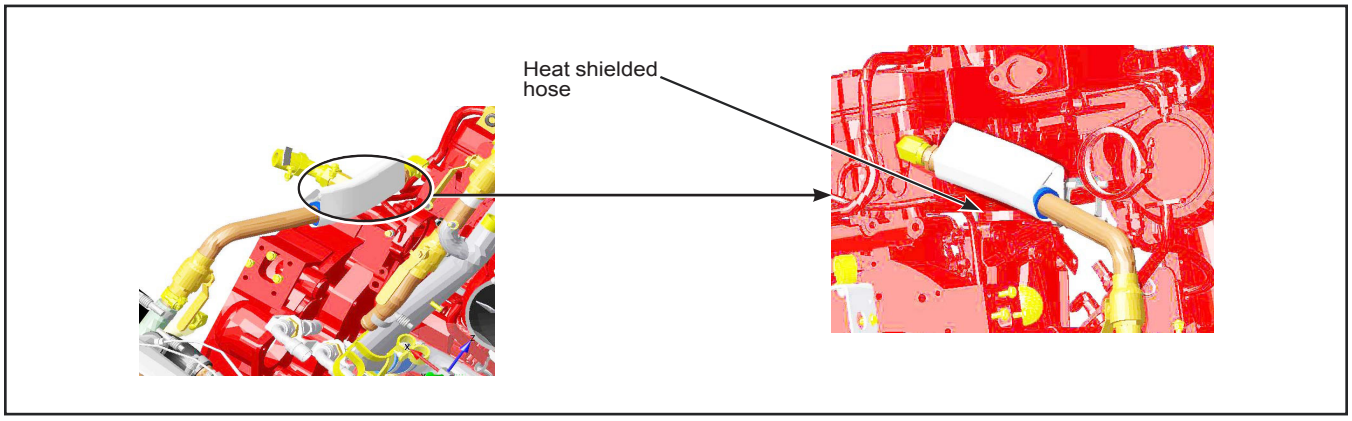

Figure 2 - Engine Heat Shield Location

1.3. Remove and retain the heat shield.

1.4. Visually verify the physical appearance of the hose.

1.5. If the hose is cracked, proceed to Level 2 of this document.

1.6. If the hose is not cracked:

1.6.1. Install the retained heat shield, or new N49339 heat shield if the original heat shield is damaged.

1.6.2. Staple the heat shield. See Figure 3. Staple should be positioned underneath the hose. It is suggested to use a plier type stapler.

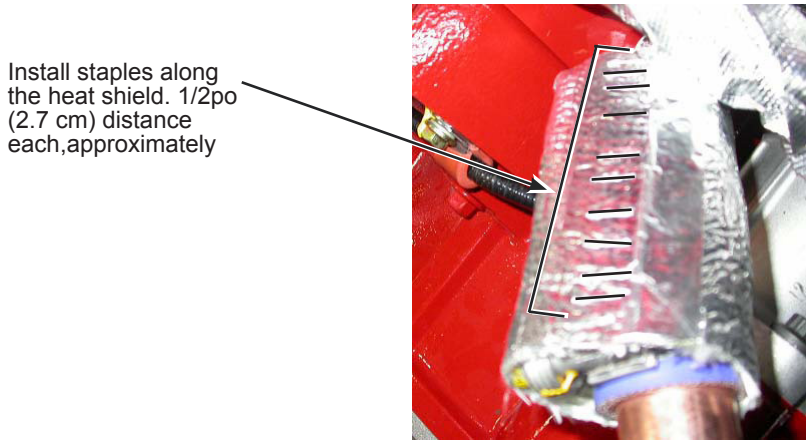

Figure 3 - Heat Shield With Staples

1.6.3. Install the transmission access panel and secure with the retained hardware.

LEVEL 2: INSTALL

2.1. Drain the cooling system as described under the leading **DRAINING THE COOLING SYSTEM** in section 09-302: **ENGINE COOLING, T-DRIVE** in the Nova Bus maintenance manual. A drain pan to recover the coolant liquid is required.

2.2. Once draining is completed, remove the cracked hose. Retain the clamps.

2.3. Install the retained clamps on the new hose N34345.

2.4. Install the new flexible coolant hose N34345. Tighten the clamps to the torque indicated in Figure 4.

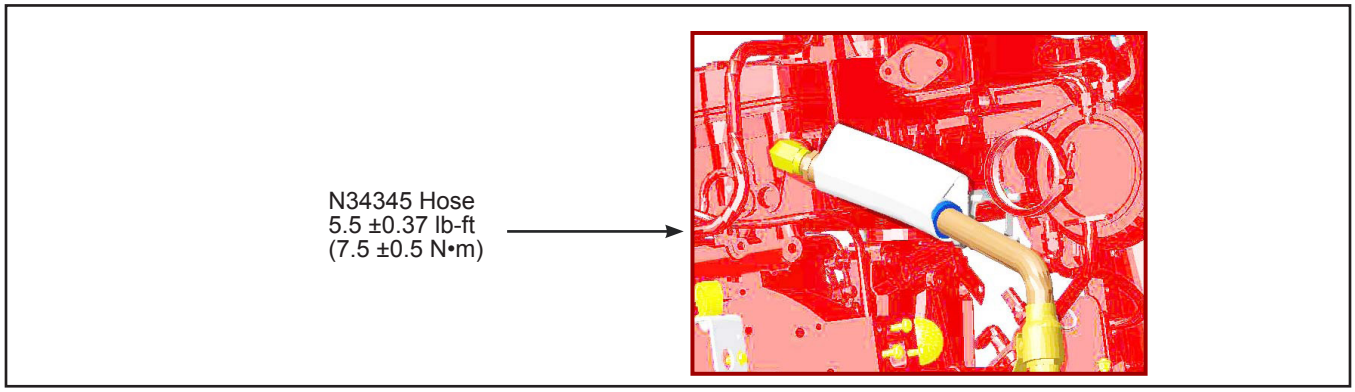

Figure 4 - Hose Clamps Torque

2.5. Fill the cooling system as described under the leading **FILLING THE COOLING SYSTEM** in section 09-302: **ENGINE COOLING, T-DRIVE** in the Nova Bus maintenance manual. Use the recovered liquid.

2.6. Start the engine, check for any leaks in the flexible hose and in the cooling system plumbing.

2.7. Install the retained heat shield or new N49339 heat shield if the original heat shield is damaged.

2.8. Staple the heat shield. See Figure 3. Staples should be positioned underneath the hose. It is suggested to use a plier type stapler.

2.9. Install the transmission access panel and secure with the retained hardware.❖