

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical system
RS N°:	MQR 7621-620
EFFECTIVE IN PROD.:	—

APPLICATION DEADLINE: 2016JN15
CLAIM REFERENCE NUMBER: WB-3241

SUBJECT:	Protective loom on the WHA electrical harness
JUSTIFICATION:	The protective loom on the WHA electrical harness may be damaged by the heat of the turbo.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Replace the damaged loom and install a protective heat sleeve.	Nova Bus	Nova Bus	1 hr
2	—	—	—	—

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
3	N74053-08	—	SLEEVE HT PROTV W/ADHES 38MM	—
8	N56339	—	TIE TEFZEL CABLE TIES	—
25 m	N74787	—	TAPE ELEC CLOTH 19 X 0.27 THK	—
3000 mm	N28083-10	—	SLIT CONVOLUTED CONDUIT	—
LEVEL 2				
—	—	—	—	—

Materials will be available within 47 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	2014OC22	Initial release	Bertrand Plouffe
R1	2015FE18	Change in the client list, BOM qty and time allowed	Bertrand Plouffe

APPROVED BY: Daniel Theriault

Digitally signed by Daniel Theriault
DN: cn=Daniel Theriault, o, ou, email=daniel.theriault@volvo.com, c=cn
Date: 2015.04.28 12:40:10 -0400

Symbol	Meaning
Empty Field	No changes, the procedure applies
+	Contract added, the procedure applies
—	Contract removed, the procedure does not apply

	CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
			FROM	TO	FROM	TO	
	Brampton - Ontario	L501	0917	0926	L82U893000506	L82U893000523	10
	Grand River Transit - GRT - Ontario	L464	20901	20913	L82U193000296	L82U493000308	13
	Grand River Transit - GRT - Ontario	L560	21001	21009	L82U2A3000246	L82U1A3000254	9
—	New York City Transit - New York	L536	1200	1201	S92U793000490	S92U993000491	2
—	New York City Transit - New York	L545	1202	1289	S92U5A4000001	S92U0A4000098	88
	Niagara Falls - Ontario	L499	2986	2989	L82U093000564	L82U693000567	4
	Woodstock - Ontario	L460	—	—	L82U693000309	L82U693000309	1
	Woodstock - Ontario	L492	—	—	L82U4A3000040	L82U6A3000041	2

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Open the rear engine access door.
- 1.2. Open the street side engine access door.
- 1.3. Open the transmission access door.
- 1.4. Open the engine access door under the rear passenger seat.
- 1.5. Remove the P-clamps on the WHA 61 electrical harness located in the two areas close to the engine turbo. See Figure 1. Retain the hardware.
- 1.6. Inspect the slit convoluted conduit in area #1. See Figure 1.

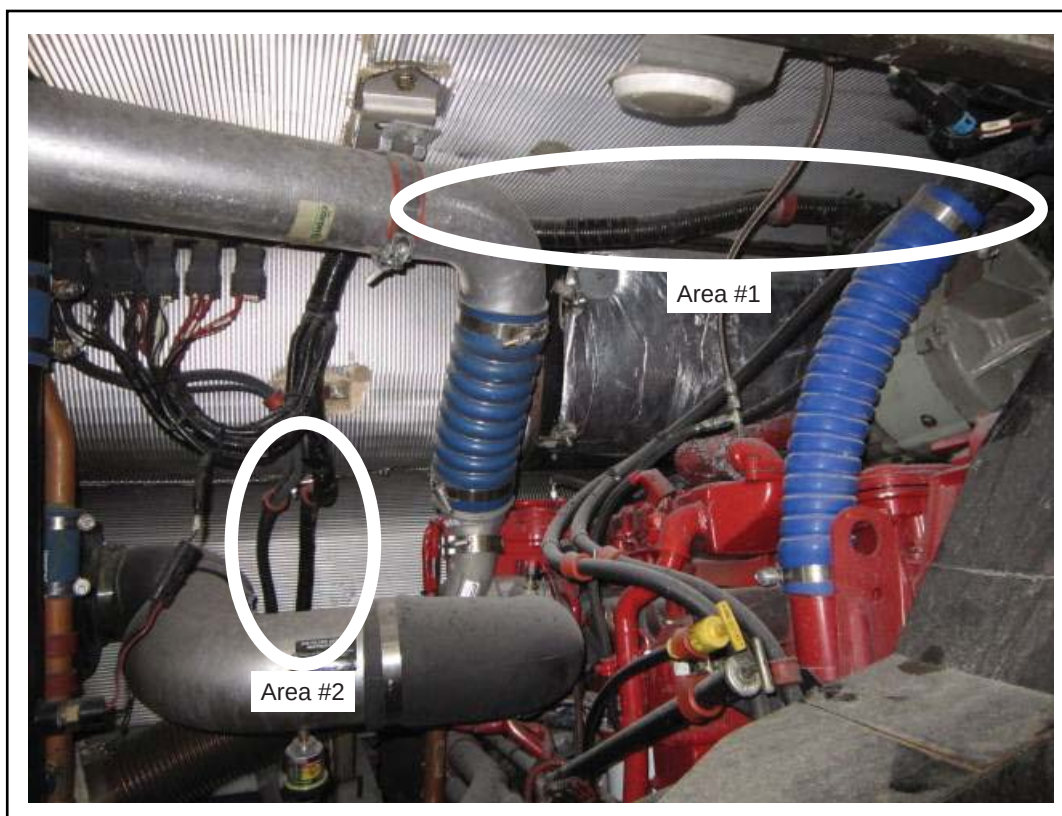


Figure 1 - Location to Look at on the WHA 61 Electrical Harness (View from Engine Radiator Side)

- 1.7. If damage is detected, go to the next step. If no damage is detected, go to step 1.10.
- 1.8. Remove the damaged convoluted conduit.
- 1.9. Install an appropriate length of new N28083-10 convoluted conduit to cover the entire damaged area. Tape the conduit in place with N74787 electrical tape. Install two turns of tape on every six inches (150 mm) along the convoluted conduit.

- 1.10. Install an appropriate length of N74053-08 heat sleeve between the P-clamp locations. See Figure 2. Close the sleeves with the integrated self-adhesive.

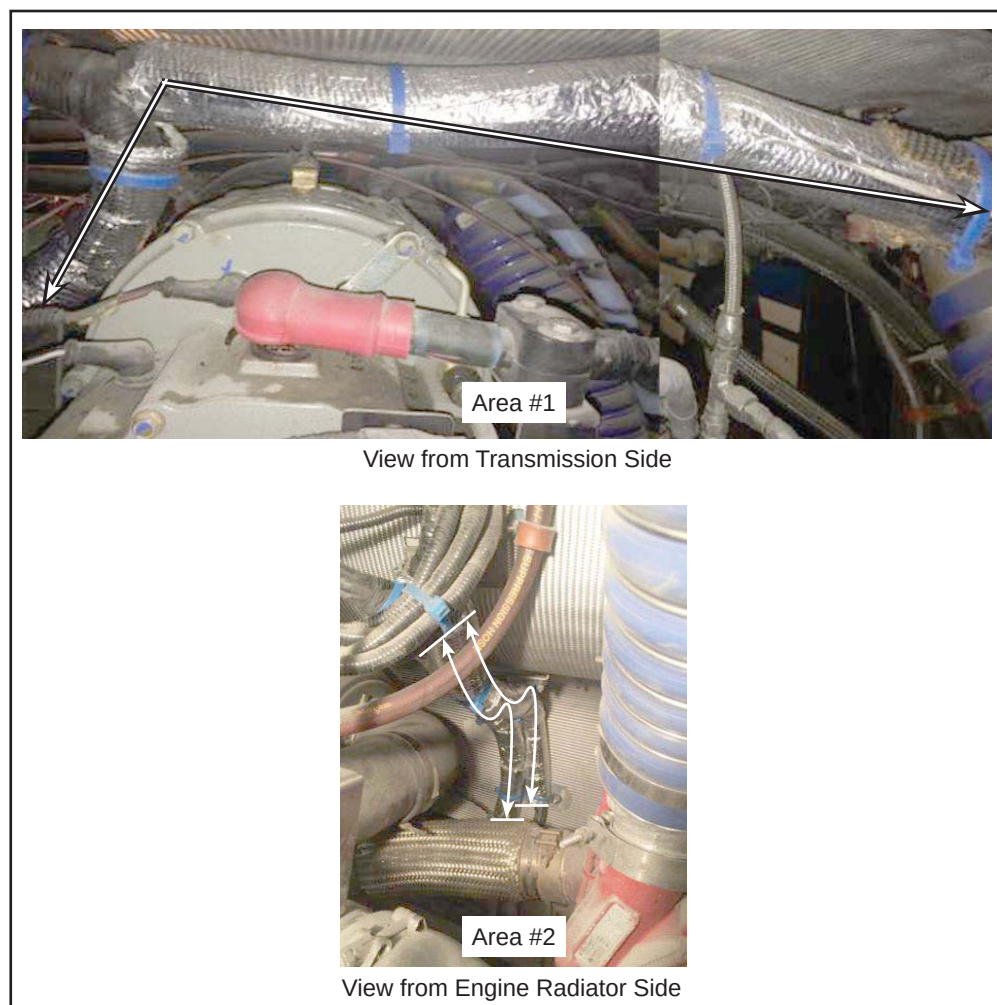


Figure 2 - Areas Where to Install the Heat Sleeves

- 1.11. Install the P-clamps. DO NOT install the P-clamps on the heat sleeve. Use the retained hardware.

- 1.12. Secure the heat sleeves with N56339 cable ties. See Figure 3.



Figure 3 - Typical Heat Sleeve Installation

- 1.13. Inspect the slit convoluted conduit in area #2. See Figure 1.
1.14. Repeat steps 1.7 to 1.12 for area #2.
1.15. Close all four engine and transmission access doors.
1.16. The vehicle may be returned to service. ❖