

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical System
RS N°:	MQR 7621-1576
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: 2019JU28  
CLAIM REFERENCE NUMBER: WB-4370

SUBJECT:	VBEA Software Update
JUSTIFICATION:	VBEA software logic improved to ensure that rear door fan operates according to actual ambient and engine compartment temperatures.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Reprogram the V-BEA multiplex system.	Nova Bus	–	20 min.
2	–	–	–	–

**MATERIAL**

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
<b>LEVEL 1</b>				
–	–	–	–	–
<b>LEVEL 2</b>				
–	–	–	–	–

**DISPOSAL OF PARTS**

REMOVED PARTS ARE:	DISCARDED	RETAINED	
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**REVISION HISTORY**

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2018JU21	Initial release	Yuvaraj

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY	PROGRAM	REV.
		FROM	TO	FROM	TO			
CT Transit - Connecticut	L554	1041	1065	S92U1A4000139	S92U0A4000164	25	FB_CONN60D_MRC	G
CT Transit - Connecticut	L571	1101	1110	S92YXB4000144	S92Y4B4000169	10	FB_CON6HH__00	M
York Regional Transit – Ontario	L562	1080	1082	S92U2A3000420	S92U6A3000422	3	FB_YORK60D_MRC	R
York Regional Transit – Ontario	L572	1083	1094	S92U3A3000569	S92U2A3000580	12	FB_YORK60D_MRC	R
York Regional Transit – Ontario	L654	1370	1390	S92U1D3000946	S92U2D3000986	21	FB_YRK6DE__00	H
York Regional Transit – Ontario	L761	1391	1396	S92U6D3001008	S92UXD3001013	6	FB_YRK6DE__00	H

**WARNING**

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FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

**TO OBTAIN THE SOFTWARE REVISION REQUIRED (SPECIFIED "REV" OR LATER), CONTACT NOVA BUS CUSTOMER SUPPORT MANAGER.**

**NOTE**

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Throughout the entire download procedure, the BATTERY MASTER SWITCH must be in the NORMAL or ON position, depending on the model.

**NOTE**

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Certain Internet browsers may not function correctly with the software provided. It is recommended to use Internet Explorer for this operation.

Due to software issues related to SVG support, it is advisable to use Internet Explorer 9 or greater.

**WARNING**

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**ONLY AUTHORIZED PERSONNEL HAVING RECEIVED PROPER TRAINING SHOULD PERFORM V-BEA SYSTEM REPROGRAMMING. MISUSE MAY COMPROMISE THE INTEGRITY OF THE ELECTRICAL SYSTEM AND RENDER THE VEHICLE NON-FUNCTIONAL. SPECIAL CARE AND AUTHORIZATION ARE REQUIRED TO PERFORM SUCH PROCEDURES.**

## PROCEDURE

- 1.1. Reprogram the V-BEA system using the program revision specified in this document. See **SECTION 16-601.670: V-BEA** of the Nova Bus Maintenance Manual for the complete procedure required to reprogram the V-BEA system. ❖