

REFERENCE:	Nova Bus Manuals
SECTION:	16: 24-Volt Electrical System
RS Nº:	MQR 7621-2650
EFFECTIVE IN PROD.:	N/A
TC RECALL Nº:	2024-330
NHTSA RECALL Nº:	24V421

APPLICATION DEADLINES: N/A CLAIM
REFERENCE NUMBER: SR5605

SUBJECT:	HVAC Roof Unit Electrical Connection
JUSTIFICATION:	Vehicles may have been built with improper torque applied to a ground connection on a bus bar inside the HVAC roof unit. A loose connection could lead to a corruption of the vehicle communication network, causing the engine to stall. An unexpected engine shutdown can increase the risk of a crash. In addition, a loose ground connection may increase the risk of a thermal event.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Contact your BCC (Bus Climate Control) representative to have the Ground Busbar Nut Rework (Y50-35305-00) procedure performed on your vehicle.	BCC	–	6 min
2	–	–	–	–

MATERIAL REQUIRED PER VEHICLE

QTY	PART Nº	REV.	DESCRIPTION		
LEVEL 1					
–	–	–	–	–	–
LEVEL 2					
–	–	–	–	–	–

DISPOSAL OF PARTS

REMOVED PARTS ARE:	DISCARDED	RETAINED	
	–	–	

REVISION HISTORY

REV.	DATE	CHANGE DESCRIPTION	WRITTEN BY
NR	2024JL26	Initial release	Luc Carignan

APPROVED BY:

NQF705003 VERSION 5

Eric Charest

 Signature numérique de Eric Charest
Date : 2024.07.29
10:19:00 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NJVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Burlington - Ontario - Metrolinx	LE94	7-2303	7-2303			1
Chicago Transit Authority - CTA - Illinois	LE87	8459	8499			41
Chicago Transit Authority - CTA - Illinois	LE87	8502	8502			1
Chicago Transit Authority - CTA - Illinois	LE87	8510	8511			2
Chicago Transit Authority - CTA - Illinois	LE87	8513	8513			1
Timmins - Ontario - Metrolinx	LF10	22-107	22-107			1
Woodstock - Ontario	LE60	2201	2202			2

**WARNING**

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

**NOTE**

The Ground Busbar Nut Rework Instruction (Y50-35305-00) in Annex A was published and transmitted to Nova Bus by BCC (Bus Climate Control). Nova Bus cannot be held responsible for its content.

PROCEDURE

Contact your BCC representative to have the Ground Busbar Nut Rework (Y50-35305-00) repair performed.



ANNEX A

 Bus Climate Control	BCC Unit# Y50-35305-00	July, 2024 Rev. 1
		Page 1 of 3
Title: Safety Recall CR5605 Ground Busbar Nut Rework Instructions		

Subject: Ground Busbar Rework Instructions

Tool List:

- Basic Handle Tools
- Torque Wrench

Labor:

Maximum Allowable Labor Time

Safety: SPECIFIC WARNINGS AND CAUTIONS

 **WARNING**

 **DANGER**

Before servicing this equipment:

1. Refer to OEM manuals/Procedures to properly ensure the main disconnect from the vehicle power source is OFF, vehicle engine/drive is off and ignition system is locked out.
2. DC power is used in this equipment. Test for DC voltage to confirm there is no power before working on any circuit or electrical component.
3. Apply lockout tagout device. The tag on the tagout device should include the name of the employee who tagged it. That way, if anyone has questions as to why the equipment is locked out, they know who to ask.

DO NOT ATTEMPT TO SERVICE THIS EQUIPMENT WITHOUT PROPER TRAINING. Compliance of all local safety guidelines, as well as local electrical codes MUST be followed.

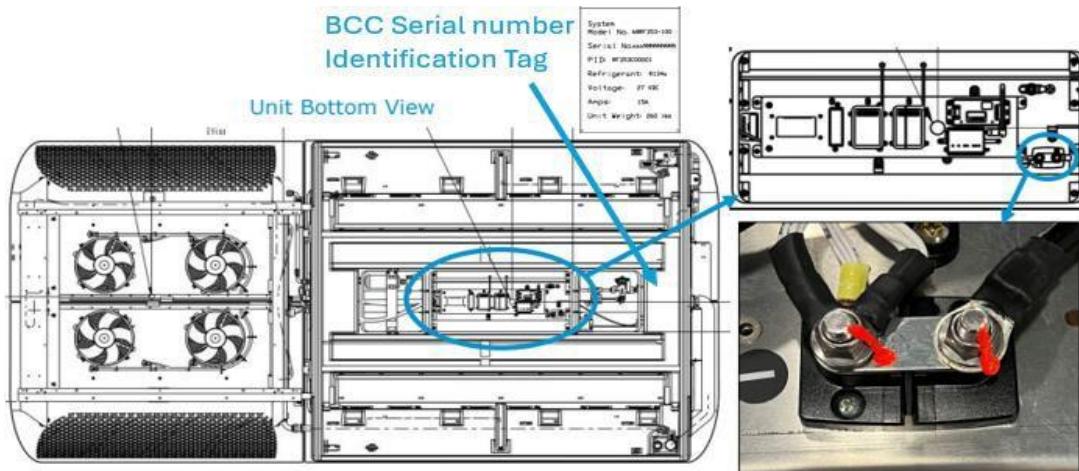
Parts: None required

Procedure:

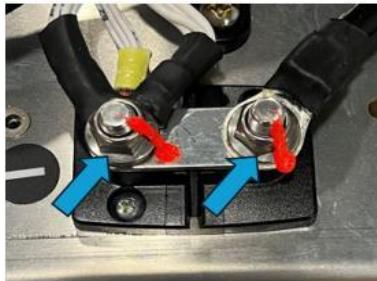
1. Open OEM return air grill inside the bus to gain access to BCC electrical panel.
2. Locate Ground Busbar located on the BCC electrical panel

ANNEX A

 BCC Bus Climate Control	BCC Unit# Y50-35305-00	July, 2024 Rev. 1
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3. Using a calibrated torque tool verify the two fasteners (3/8"-16 nylon insert lock nut) are correctly torqued to the correct value (150 in-lbs or 12.5 ft-lbs).



4. Re-apply the torque seal, in a continuous line from a non-moving part, across the movable fastener.



5. Apply a paint dot to indicate the verification was performed. The dot can be made with a green, yellow, or orange paint marker, placed next to the ground busbar.

ANNEX A

 Bus Climate Control	BCC Unit# Y50-35305-00	July, 2024 Rev. 1
Page 3 of 3		
Title: Safety Recall CR5605 Ground Busbar Nut Rework Instructions		

6. Close cover and secure with side the bus and return unit to service.



7. Complete Online [Bus Climate Control Field Rework Link](#) (zohopublic.com) for each unit and submit form.

Description of Rework *	Dealer/OEM *
Safety Recall CR5605 Ground Busbar Nut Rework	
Rework Date *	Completed By *
Customer Name *	Field Rework Campaign Number *
Bus/Product Info	
Bus Model	Kit Part #
Bus Number *	HVAC Model #
Bus VIN # *	HVAC Serial # *
Mileage Reading	Upload Pictures (If needed) <input type="button" value="Upload"/>
Comments / Other Issues Found	
Additional Work	
Field Rework Campaign Number	Description of Work
+ Add New	
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	