REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical System
RS Nº:	MQR 7621-2597
EFFECTIVE IN PROD.:	NA

APPLICATION DEADLINES: 2024JL01
CLAIM REFERENCE NUMBER:WB5382

SUBJECT:	The redundancy of the Run24C relay was not connected correctly.
JUSTIFICATION:	The Back-Up Run 24C was energizing the Run 24C Relay when MC43 was off and this was causing BAE Fault Codes.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Wire kit installation.	Nova Bus	Nova Bus	1 hr
2	–	–	–	–

MATERIAL REQUIRED PER VEHICLE

QTY	PART Nº	REV.	DESCRIPTION
LEVEL 1			
1	N632001205	–	Wire Kit for LFSE+, ALT BACK
LEVEL 2			
–	–	–	–

Materials will be available within 77 days once your order has been placed.

To order, please contact novabus.parts@volvo.com

Or by phone for CANADA 1-800-771-6682, for USA 1-877-999-8808

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	2023MR14	Initial release	Rajendra N M

APPROVED BY:

Jean-Nicolas Fournier

Digitally signed by Jean-Nicolas Fournier
Date: 2023.03.15 08:10:20 -04'00'

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
CMBC (TransLink) - British Columbia	LE13	H22101	H22101	L82M6M3753346	L82M6M3753346	1
Milwaukee Wisconsin - Electric Bus - LFSe+	LE16	1000	1000	L82M4N9778290	L82M4N9778290	1
San Francisco California SFMTA - LFSe+	LE39	5010	5010	L82M2N9778305	L82M2N9778305	1

WARNING

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

PROCEDURE

1.1. Park the vehicle on an even surface with the transmission on neutral.
1.2. Apply the parking brake and set the master run switch to the ***STOP*** position.
1.3. Set the battery disconnect switch in the battery compartment to the ***OFF*** position.
1.4. Locate Wire 78-3215 & 78-3217 in the RF0 compartment.
1.5. Tape back the wire 78-3215 and 78-3217 in the ends.
1.6. Remove the RF0-CB78AW2 circuit breaker.
1.7. Install the wire kit PN N632001205. see figure 1
1.8. Open the battery cut-off switch and disconnect the diode, RF0-ASM78CL.

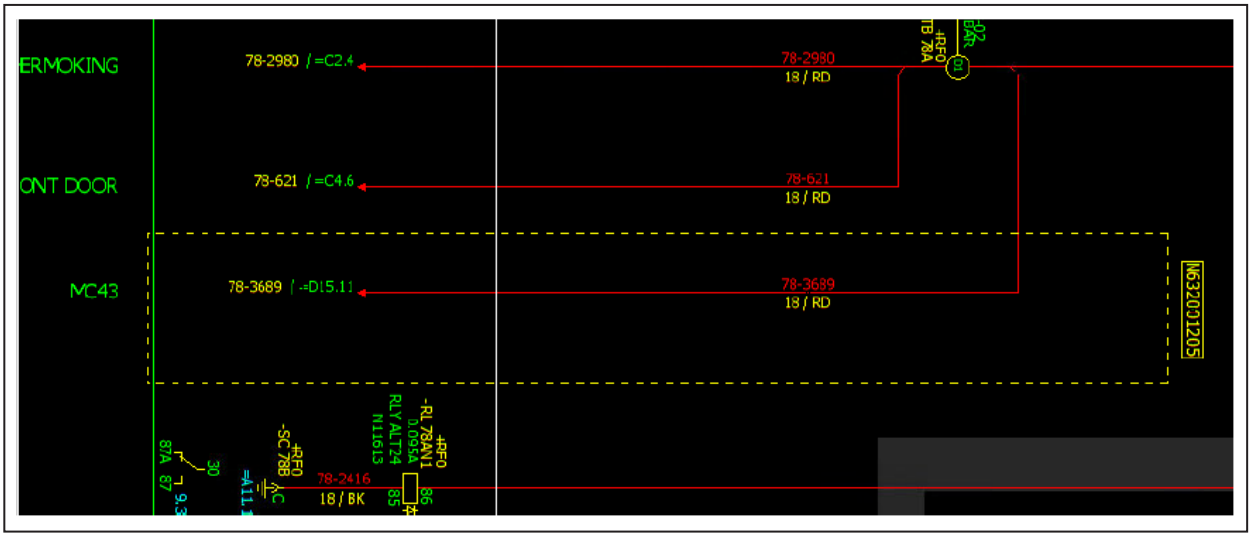


Figure 1 - Electrical Diagram

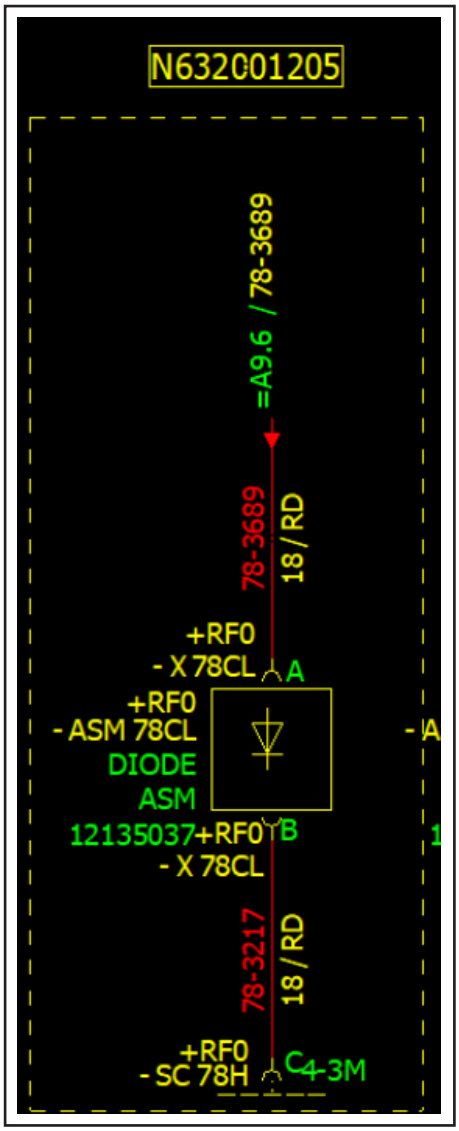


Figure 2 - Wire Kit Diagram

1.9. Turn ***ON*** the battery cut-off switch and put the master run switch in run position.
1.10. If it is possible to hear the noise made from the power steering motor, the test is successful.
1.11. Put the master run switch in the ***OFF*** position and the battery cut-off switch in the ***OFF*** position.
1.12. Connect the RF0-ASM78CL diode.
1.13. Repeat the steps from 1.8 to 1.12 for the remaining diodes RF0-ASM78CM, RF0-ASM78CJ and RF0-ASM78CK.
1.14. Set the battery disconnect switch in the battery compartment to the ***ON*** position.
1.15. Release the parking brake and set the master run switch to the ***ON*** position.
1.16. Bus is ready for service.❖