

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical system
RS N°:	MQR 7621-2686
EFFECTIVE IN PROD.:	NA

APPLICATION DEADLINE: 2024DE23
CLAIM REFERENCE NUMBER: WB-5444

SUBJECT:	Reverse signal triggering stop request announcement.
JUSTIFICATION:	Causing odd signals to the clever and N-stop chime.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Install the two ground wires.	Nova Bus	Nova Bus	0.33 h
2	–	–	–	–

MATERIAL REQUIRED PER VEHICLE

QTY	PART N°	REV.	DESCRIPTION
LEVEL 1			
1	N632001289	–	Wire kit
LEVEL 2			
–	–	–	–

Materials will be available within 37 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	2023NO07	Initial release	Nandan B S

APPROVED BY:

Irina

Signature
numérique de
Negoescu

NQF772001 VERSION 3

Negoescu

Date :
08:46:58 -05'00'

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CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Milwaukee - Wisconsin	LE17	1001	1005	L82M4N97 [REDACTED]	L82M5N97 [REDACTED]	5
Milwaukee - Wisconsin	LE17	1007	1007	L82M9N97 [REDACTED]	L82M9N97 [REDACTED]	1

**WARNING**

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

**CAUTION**

Before removing, dismantling or maintaining any electrical component, the electrician should take the necessary precautions to avoid any risk of personal injury or damage to the equipment. See the provided Coach Wiring Diagram for further details on electrical circuit power cut-off points.

**NOTE**

If the bus has power, then lock the bus out.

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 control switch to the **stop** position.
- 1.3. Set the battery disconnect switch in the battery compartment to the **off** position.
- 1.4. Locate the control module inside the bus (see figure 1).

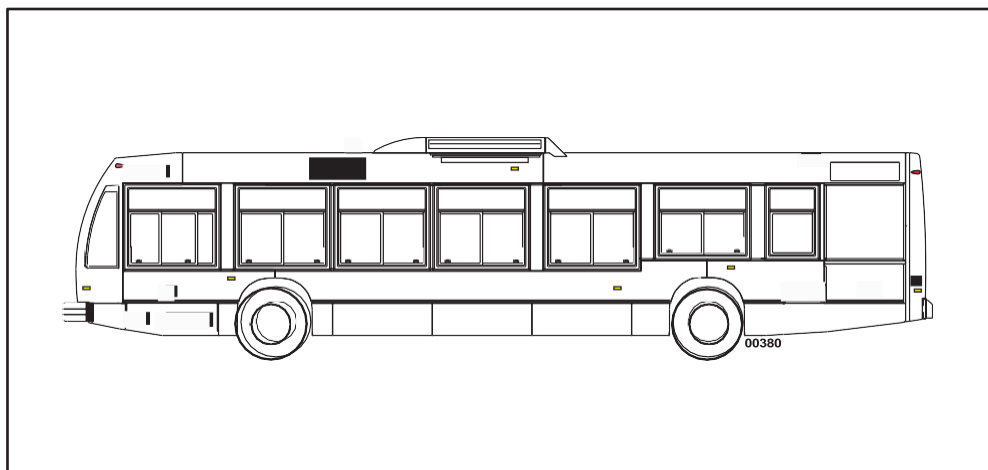




Figure 1 - Location of control module

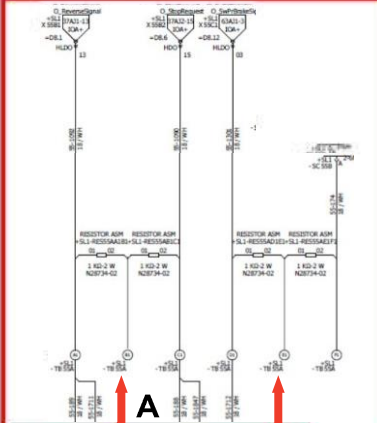
- 1.5. Disconnect the vehicle's battery to prevent any electrical short circuits or accidental activation during the installation process.
- 1.6. Remove any necessary panels or covers to gain access to the control module.
- 1.7. Identify the wire connected to the reverse signal on the control module. This wire is responsible for detecting when the vehicle is engaged in reverse gear.
- 1.8. Install the two ground wires (see figure 2).



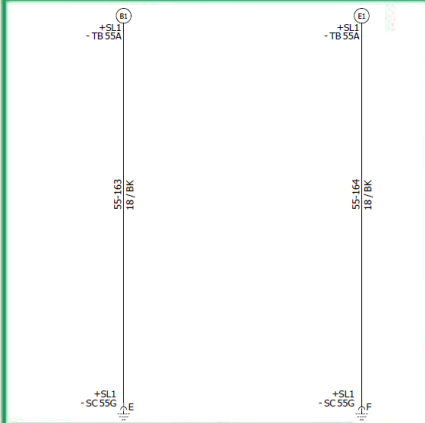
**If the bus has power
Then Lock the bus out.**

DCP-510876
Operation C1055A





X



✓

DCP BOM			
#	P/N	Description	Qty
1	N632001289	Wire Kit	1
2			
3			

Reverse Signal triggering stop request announcement.


Ground leads required like in LE16.

Install the two ground wires, then have a validator test it.

Instructions Spéciale s/ Special Instruction		
#	Action	Comments
A	The design is different on LE16	Also the design is completely different on LF12


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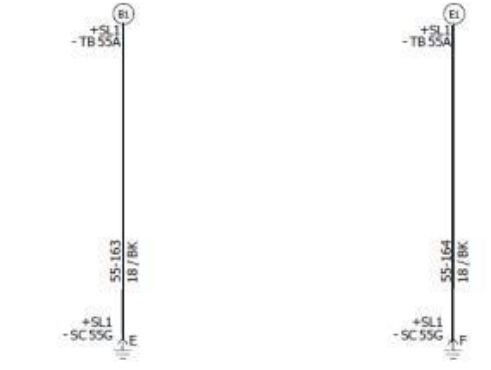


**If the bus has power
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Pre	Middle	Awg	Col	Ins	Cut Lt	Loc	Device	HShrink	Terminal	Seal	Pos
55-	163	18	BK	N25832-11	740	SL1	SC55G		12110844	NO SEAL	E
55-	163	18	BK	N25832-11	740	SL1	TB55A		G5007265	NO SEAL	B1
55-	164	18	BK	N25832-11	745	SL1	SC55G		12110844	NO SEAL	F
55-	164	18	BK	N25832-11	745	SL1	TB55A		G5007265	NO SEAL	E1



Reverse Signal triggering stop request announcement.

Ground leads required like in LE16.

Install the two ground wires, then have a validator test it.

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Figure 2 - Installation of two ground wires

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- 1.9. Ensure there is a proper electrical connection and continuity is established.
- 1.10. Reassemble any panels or covers that were removed to access the control module. Ensure the hardware securely fastened.
- 1.11. For confirmation start the vehicle and engage the reverse gear. Observe whether the stop request announcement is triggered automatically when the reverse signal is activated.
- 1.12. Vehicle ready for the service. ❖