

REFERENCE:	Nova Bus Manuals
SECTION:	03: Windshield wipers and washer fluid
RS N°:	MQR 7621-635
EFFECTIVE IN PROD.:	L786 (2014AL)

APPLICATION DEADLINE: 2016SEPT30
CLAIM REFERENCE NUMBER: WB-3127

SUBJECT:	Electric wiper motor
JUSTIFICATION:	Irregular wiper movement in intermittent mode.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Install an electrical harness with an RC burnishing circuit.	Nova Bus	Nova Bus	40 min
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N632000300	B	Harness	–
10	N14529	–	Tie wrap	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 30 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	2014MR30	Initial release	Wilder Galiano
R1	2014MA30	Time to do the fix passes from 20 min to 40 min	Wilder Galiano
R2	2015AU17	New fix available	Wilder Galiano

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
New York City Transit - New York	L643	5895	5895	S92U1B4000143	S92U1B4000143	1
New York City Transit - New York	L670	5770	5894	S92U4C4500024	S92U3B4000242	125
New York City Transit - New York	L681	5896	5283	S92U2C4500023	S92U9C4500195	122
New York City Transit - New York	L692	5284	5363	S92U3C4500158	S92U3D4500274	80



WARNING

Follow your internal safety procedures.

PROCEDURE

- 1.1. Locate the wiper windshield washer control.



Two possible locations



Figure 1 - Wiper Windshield Washer Control

- 1.2. Open the lateral console. Retain hardware.
- 1.3. Disassemble the wiper windshield washer control. See Figure 2.
 - 1.3.1. Remove the lock screw from the wiper windshield washer control. Retain the screw.
 - 1.3.2. Remove the holding nut. Retain the hardware.

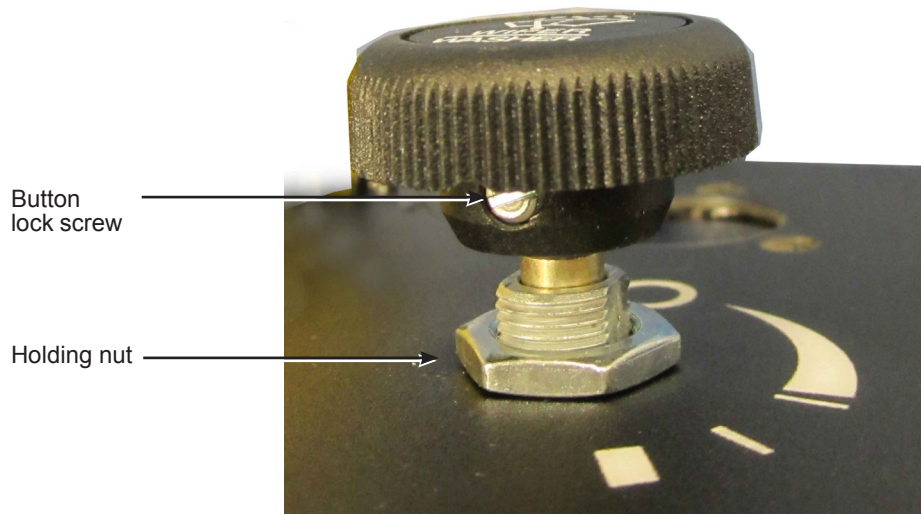


Figure 2 - Wiper Windshield Washer Control

- 1.4. Install the support bracket from the new N632000300 harness between the wiper windshield washer control and the lateral console. See Figure 3



Figure 3 - Support Bracket Installation

- 1.5. Disengage the wiper windshield washer control connector.
- 1.6. Connect the male portion of the new N632000300 harness to the female connector.
- 1.7. Connect the female portion of the new N632000300 harness to the male connector.

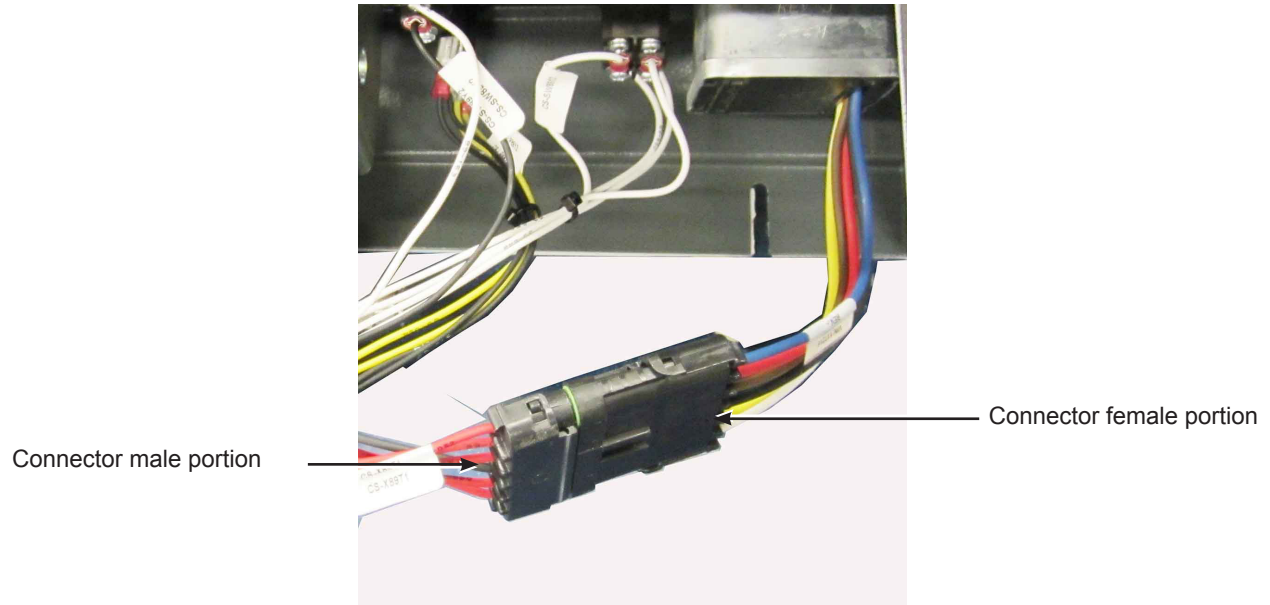


Figure 4 - Connecting the New Harness Connectors

- 1.8. Fasten the two connectors to the existing harness with N14529 tie wraps.
- 1.9. Fasten the splice connector to the existing harness with N14529 tie wraps.

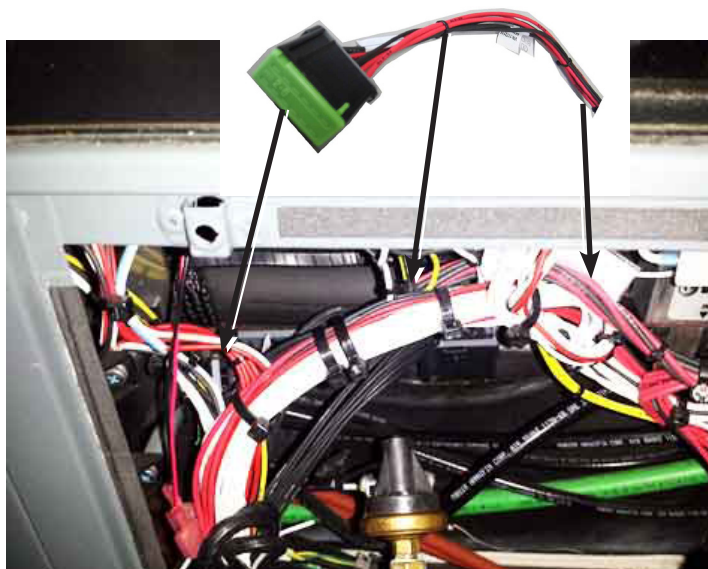


Figure 5 - Splice Connector Routing

- 1.10. Assemble wipers control switch.
 - 1.10.1. Install the retained holding nut.
 - 1.10.2. Install the retained lock screw.
- 1.11. Close the lateral console with the retained hardware.
- 1.12. Activate the windshield wipers for five minutes at full speed.
- 1.13. Activate the intermittent mode and ensure motion is continuous movement with every wipe.
- 1.14. In the event that the windshield wiper motor does not operate properly, replace it. ❖