

REFERENCE:	Nova Bus Manuals
SECTION:	14: Heating and Ventilation
RS N°:	MQR 7621-816
EFFECTIVE IN PROD.:	N/A

APPLICATION DEADLINE: 2019MR26
CLAIM REFERENCE NUMBER: WB-4298

SUBJECT:	Dust Intrusion in Baselight
JUSTIFICATION:	Dust intrusion in baselights area through the return air grill.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Return air grill sealing and filter replacement.	Nova Bus	Nova Bus	1 hr
2	–	–	–	–

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
1	N91257	–	FILTER PERMATRON AC353 M	–
2	N92682	–	FILTER PERMATRON AC353 REAR M	–
27 LF	N91604	–	TAPE CELLULAR 0.375 W 0.375 T	–
25 LF	N70623*	–	TAPE FOAM	–
LEVEL 2				
–	–	–	–	–

Materials will be available within 14 days once your order has been placed. 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.

Note: *Tape Foam N70623 not included in level 1 kit. Please order 1 roll of foam tape per 3 buses.

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	2018MR07	Initial release	Kumaraswamy K S

CLIENT	ORDER	ROAD NUMBER		VIN (2NVY/4RKY...)		QTY
		FROM	TO	FROM	TO	
Houston - Texas	L952	1580	1580	S92J5G9775318	S92J5G9775318	1
Houston - Texas	L982	1581	1599	S92J5G9775514	S92J5G9775545	19

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Set the Master control switch in the STOP position (see Figure 1).

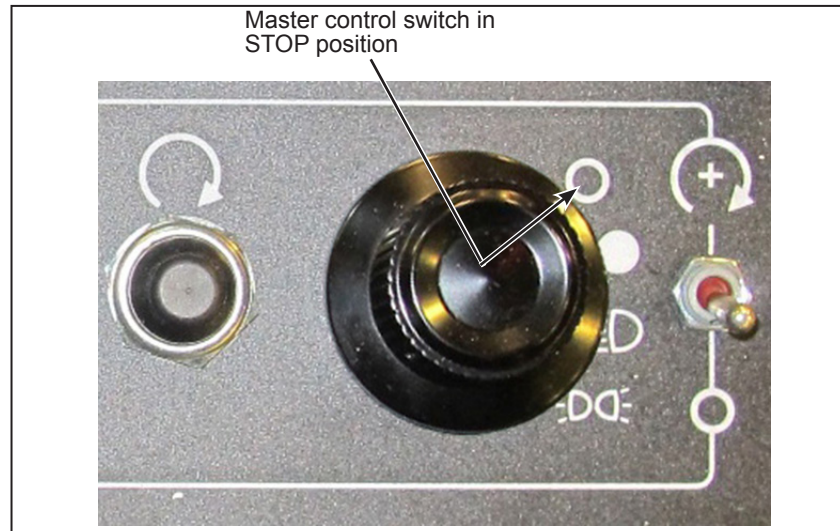


Figure 1 - Master Control Switch in STOP Position

**WARNING**

Before starting any work on the vehicle, make sure the vehicle is completely and securely stationary. Disconnect the starting circuit on the control box at the rear of the vehicle and place the battery disconnect switches in the OFF position.

**NOTE**

Retain hardware if removed during the procedure for later reinstallation.

- 1.3. Locate the return air grill present inside the vehicle (see Figure 2).

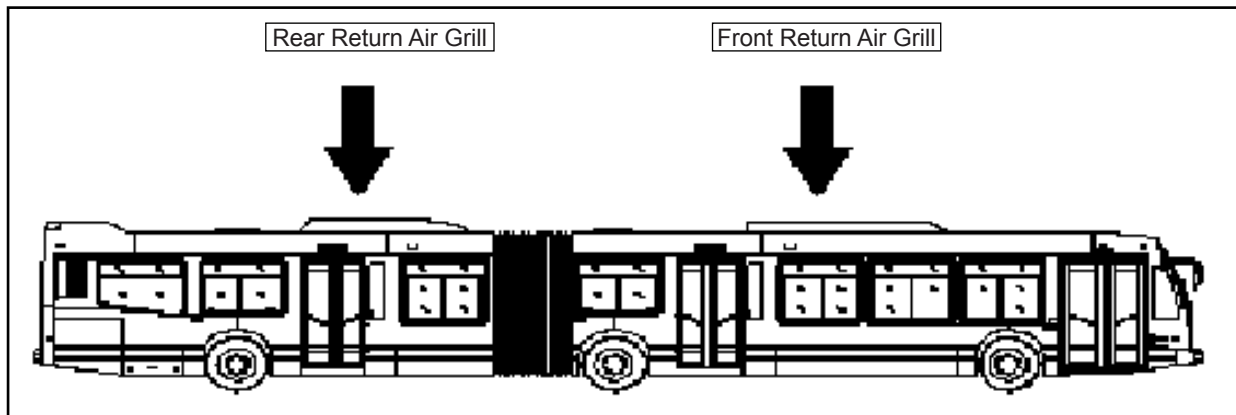


Figure 2 - Typical Location of Return Air Grill



NOTE

Clean the bonding surfaces using isopropyl alcohol or a degreasing product to have a clean adhesion surface. Wipe or clean with a cloth and ensure the surface is dry.

When installing foam tape, apply firm even pressure on the bonding surface for few seconds to properly adhere.

- 1.4. Open the return air grill at the front section of the vehicle.
- 1.5. Inspect seal integrity around the perimeter of the structure and replace if missing, damaged or loose (see Figure 3).

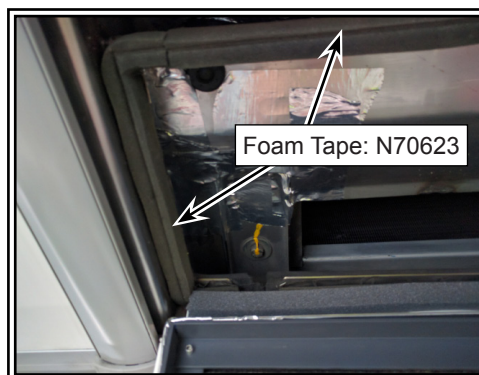


Figure 3 - Installation of Foam Tape

- 1.6. Remove the existing tape seal on the interior perimeter of grill assembly and clean the bonding surfaces before application of foam tape.
- 1.7. Install new indicated cellular tape on the interior perimeter of grill assembly (see Figure 4) and ensure that there are no gaps left.
- 1.8. Replace the existing filter with the new rigid border filter as shown (see Figure 4).

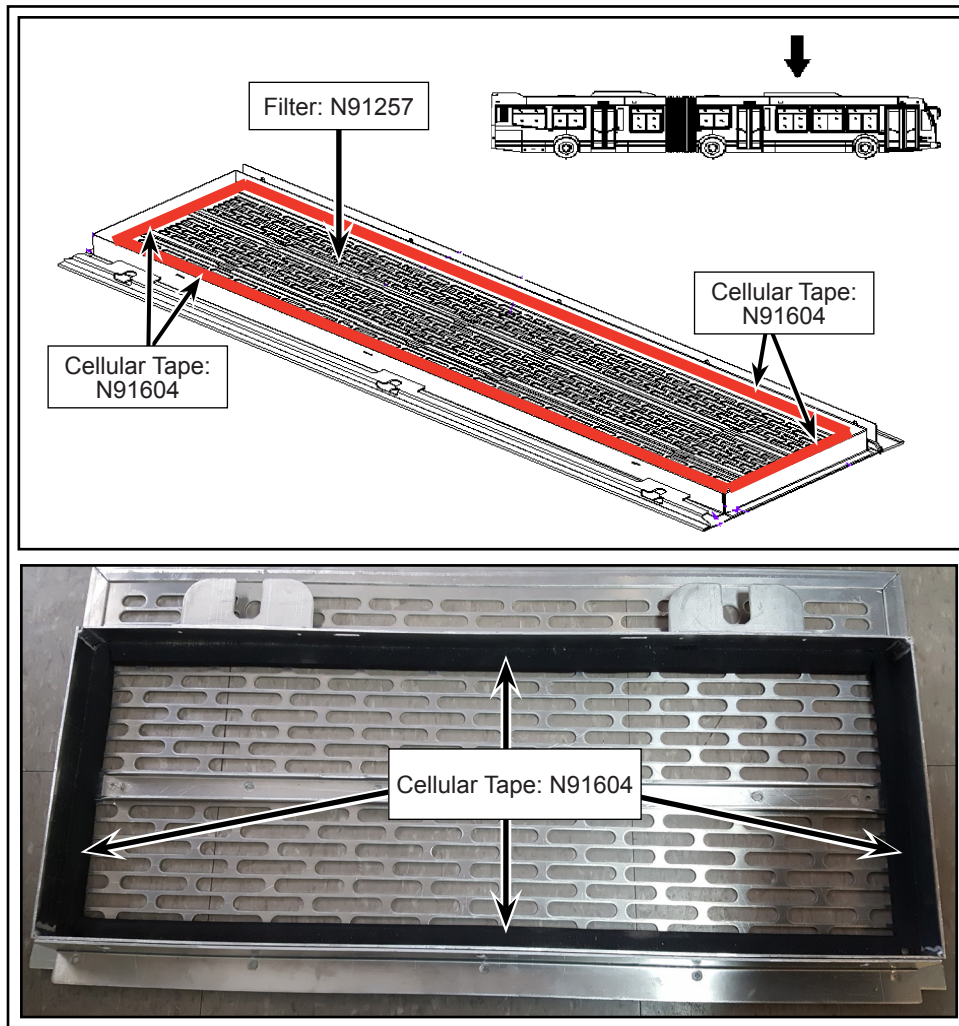


Figure 4 - Installation of Cellular Tape and Filter (Front Section)

- 1.9. Close the front section return air grill.

- 1.10. Open the return air grills at the rear section of the vehicle.
- 1.11. Inspect seal integrity around the perimeter of the structure and replace if missing, damaged or loose (see Figure 5).

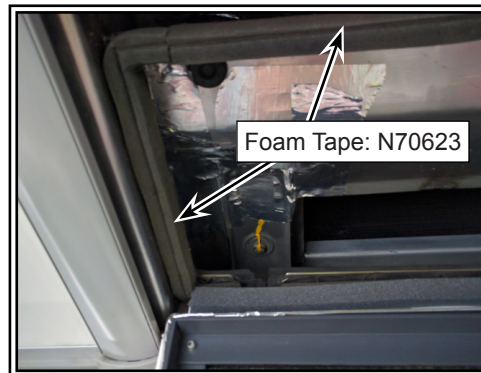


Figure 5 - Installation of Foam Tape

- 1.12. Remove the existing tape seal on the interior perimeter of grill assemblies and clean the bonding surfaces before application of foam tape.
- 1.13. Install new indicated cellular tape on the interior perimeter of grill assemblies (see Figure 6 and Figure 7) and ensure that there are no gaps left.

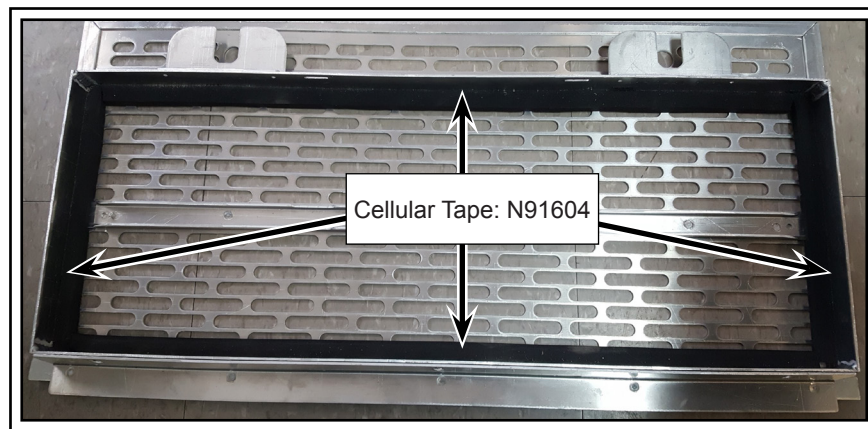


Figure 6 - Installation of Cellular Tape

- 1.14. Replace the existing filter on the grill assemblies with new rigid border filters as shown (see Figure 7).

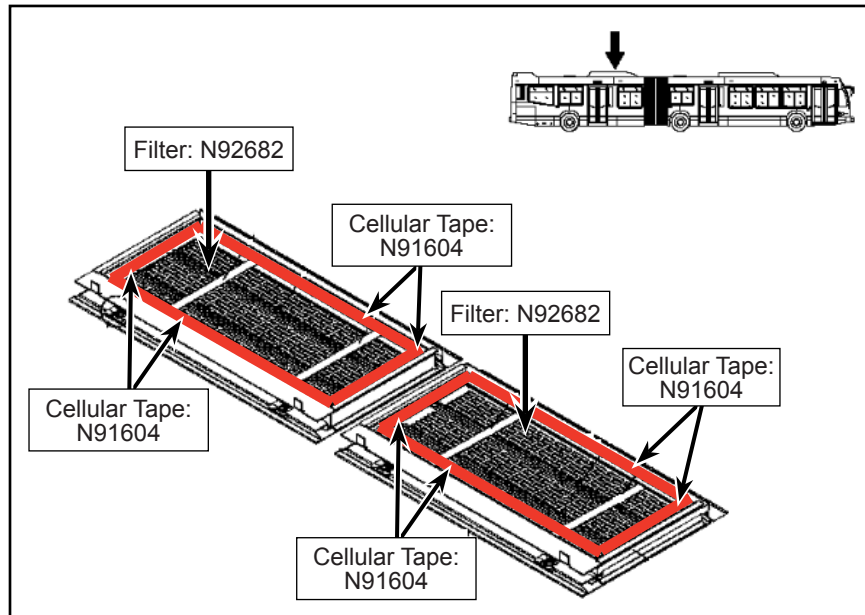


Figure 7 - Installation of New Rigid Border Filter (Rear Section)

- 1.15. Close the rear section return air grills.
- 1.16. Set the battery disconnect switch in the battery compartment to ON position.
- 1.17. Set the Master control switch in the ON position.
- 1.18. The vehicle may be returned to service.❖