

REFERENCE:	Nova Bus Manuals
SECTION:	16: Electrical system
RS N°:	MQR 7621-739
EFFECTIVE IN PROD.:	L761 (2013AU)

APPLICATION DEADLINE: 2015FE01
CLAIM REFERENCE NUMBER: WB-3072

SUBJECT:	Emergency door release cable boxes.
JUSTIFICATION:	Emergency door release cable boxes may detach from the baselight.

LEVEL	DESCRIPTION	DIRECT CHARGES		TIME
		LABOUR	MATERIAL	
1	Inspect the baselight for damage, and add two washers on each box.	Nova Bus	Nova Bus	45 min
2	Change the baselights.	Nova Bus	Nova Bus	1 h/ baselight

MATERIAL

QTY	PART N°	REV.	DESCRIPTION	REPLACES PART N°
LEVEL 1				
6	N20996	—	Washer	—
LEVEL 2 (only if required*)				
—	See Annex 1	—	—	—

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.

* The material identified in Level 2 is to be ordered only for vehicles that respect the criteria defined in Level 1.

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	2013DE16	Initial release	Bertrand Plouffe

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

LEVEL 1: INSPECT

- 1.1. Locate the front emergency door release cable box. See Figure 1.

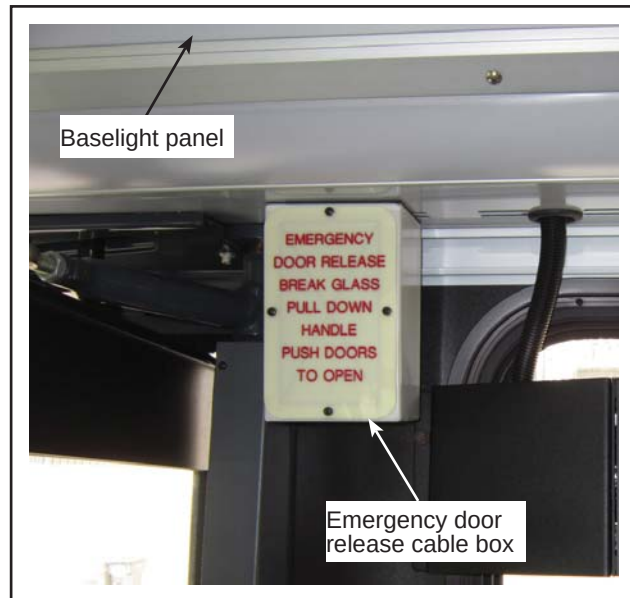


Figure 1 - Emergency Door Release Cable Box (Typical)

- 1.2. Remove the baselight panel. Retain the hardware. See Figure 1.
1.3. Remove one cable box bolt. Retain the hardware. See Figure 2.



Figure 2 - Emergency Door Release Cable Box Bolt

- 1.4. Inspect the baselight. If damaged, go to LEVEL 2: REPAIR.
- 1.5. Install the new N20996 washer on top of the baselight.
- 1.6. Install the screw and lockwasher. Use the retained hardware. See Figure 3.

**NOTE**

If any hardware is missing or damaged, replace with new.

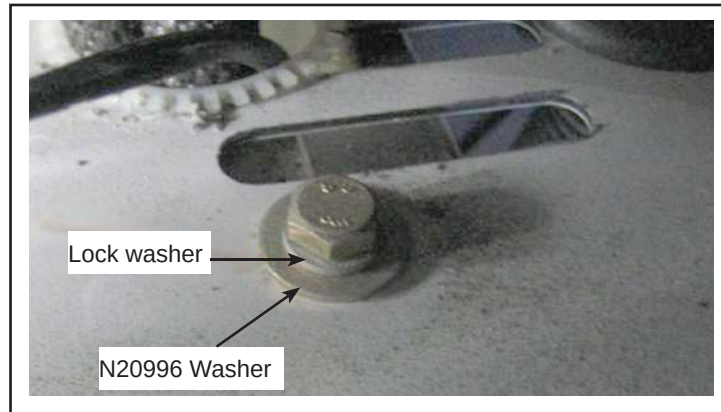


Figure 3 - New N20996 Washer Installation

- 1.7. Repeat steps 1.3 to 1.6 for the second cable box bolt.
- 1.8. Install the baselight panel. Use the retained hardware.
- 1.9. Locate the middle emergency door release cable box.
- 1.10. Repeat steps 1.2 to 1.8.
- 1.11. Locate the rear emergency door release cable box.
- 1.12. Repeat steps 1.2 to 1.8.
- 1.13. The vehicle may be returned to service. ❖

LEVEL 2: REPAIR**NOTE**

Typical repair procedure. May differ slightly from location to location.

- 2.1. Disconnect the baselight electrical harness. See Figure 4.

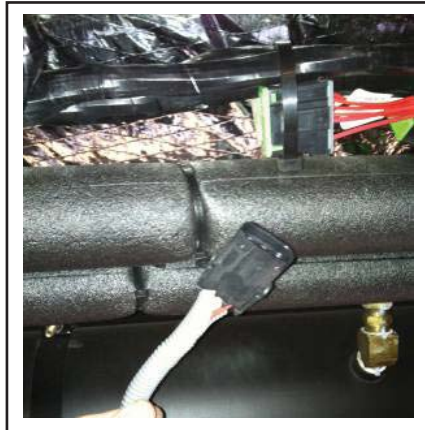


Figure 4 - Baselight Electrical Harness

- 2.2. Remove the front glass plate of the emergency door release cable box. Retain the hardware. See Figure 5.



Figure 5 - Emergency Door Release Cable Box Front Plate Removal

- 2.3. Remove the emergency door release cable box. Retain the hardware. See Figure 6.



Figure 6 - Emergency Door Release Cable Box Bolts

- 2.4. Remove the two screws on the mounting bracket. Retain the hardware. See Figure 7.



Figure 7 - Mounting Bracket Screws

- 2.5. Remove the three screws on the back of the panel attached to the body. Retain the hardware. See Figure 8.



Figure 8 - Panel Screws

- 2.6. Remove the two screws holding the end cap to the panel. Retain the hardware. See Figure 9.

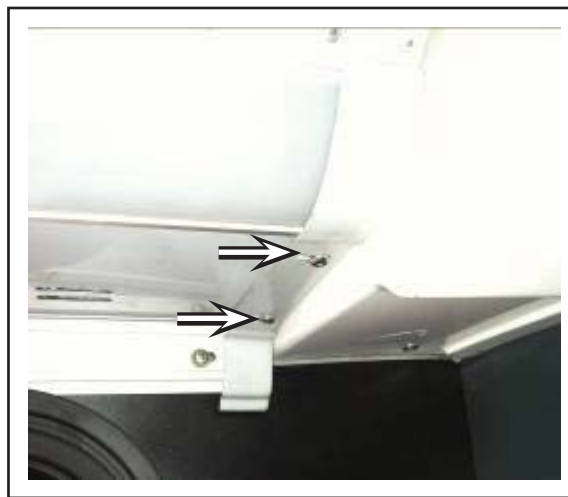


Figure 9 - Panel End Cap

- 2.7. Disassemble the joint strip from the panel and neighboring panel. Discard the joint strip. See Figure 10.

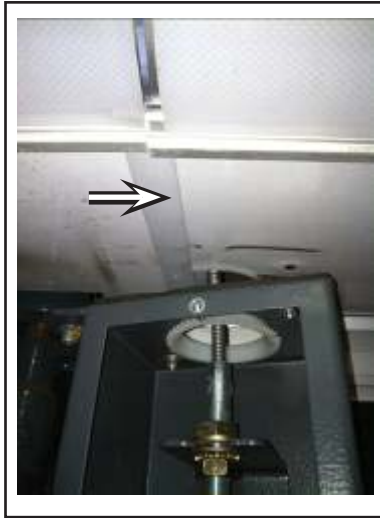


Figure 10 - Joint Strip

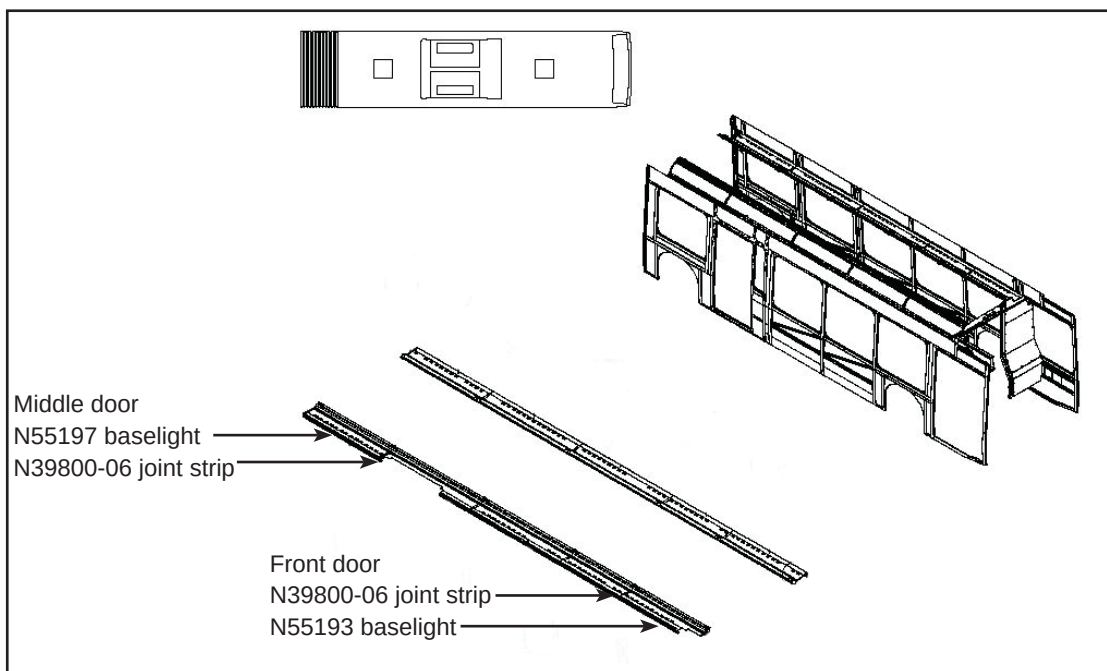
- 2.8. Remove the broken panel. Discard the panel. See Figure 11.



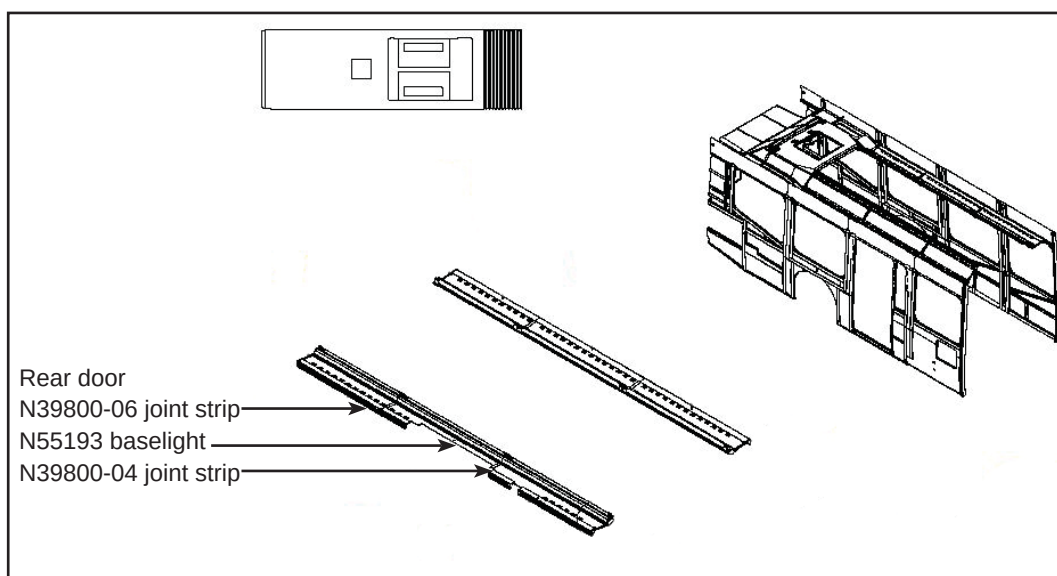
Figure 11 - Broken Panel Removed

- 2.9. Install the new joint strip. For ordering part number, see Annex 1.
- 2.10. Assemble the new panel to the joint strip. For ordering part number, see Annex 1. Confirm that the cable of the emergency release box is fished through the panel hole
- 2.11. Install the end cap to the panel. Use the retained hardware.
- 2.12. Install the back of the panel to the body. Use the retained hardware.
- 2.13. Install the front of the panel onto the mounting bracket. Use the retained hardware.
- 2.14. Install the emergency door release cable box. Use the retained hardware.
- 2.15. Install the front glass plate on the emergency door release cable box. Use the retained hardware.
- 2.16. Connect the baselight electrical harness. Secure it with tie wraps.
- 2.17. Install the baselight panel.
- 2.18. The vehicle may be returned to service. ❖

ANNEX 1



ANNEX 1 Figure 1: Vehicle Front Section



ANNEX 1 Figure 2: Vehicle Rear Section