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|----------------------------|-----------------------|
| REFERENCE: | Nova Bus Manuals |
| SECTION: | 16: Electrical system |
| RS N°: | MQR 7621-2594 |
| EFFECTIVE IN PROD.: | NA |
| TC RECALL N°: | NA |
| NHTSA RECALL N°: | 22V902 |

APPLICATION DEADLINES: N/A CLAIM REFERENCE NUMBER: SR5358

| | |
|-----------------------|---|
| SUBJECT: | Green side marker light |
| JUSTIFICATION: | Certain vehicles are equipped with non-standard color auxiliary lights which may impair the effectiveness of the standard lighting equipment. As such, these vehicles fail to comply with the requirements of Federal Motor Vehicle Safety Standard number 108, "Lamp, Reflective Devices, and Associated Equipment." |

| LEVEL | DESCRIPTION | DIRECT CHARGES | | TIME |
|-------|--|----------------|----------|--------|
| | | LABOUR | MATERIAL | |
| 1 | Replace the green marker light by a white one. | Nova Bus | Nova Bus | 20 min |
| 2 | – | – | – | – |

MATERIAL REQUIRED PER VEHICLE

| QTY | PART N° | REV. | DESCRIPTION |
|----------------|---------|------|-------------------------------|
| LEVEL 1 | | | |
| 1 | N106744 | – | LIGHT LED 24V RECTANGULAR WHT |
| 2 | N97697 | – | GASKET DIALIGHT |
| LEVEL 2 | | | |
| – | – | – | – |

Materials will be available within 45 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 | 2023JA30 | Initial release | André Pelletier |

| CLIENT | ORDER | ROAD NUMBER | | VIN (2NVY/4RKY...) | | QTY |
|----------------------------------|-------|-------------|-------|------------------------|------------------------|-----|
| | | FROM | TO | FROM | TO | |
| Maryland Transit Authority - MTA | LB82 | 20001 | 20001 | L82J8K97772 [REDACTED] | L82J8K97772 [REDACTED] | 1 |
| Maryland Transit Authority - MTA | LC27 | 20002 | 20030 | L82JXL97776 | L82J4L97776 | 29 |
| Maryland Transit Authority - MTA | LD82 | 21001 | 21070 | L82J2M97779 | L82J9M97781 | 70 |

**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 control switch to the **stop** position.
- 1.3. Set the battery disconnect switch in the battery compartment to the **off** position.



Figure 1 - Location of the Green Marker Light

1.4. From the inside of the vehicle, open the access panel BL4.

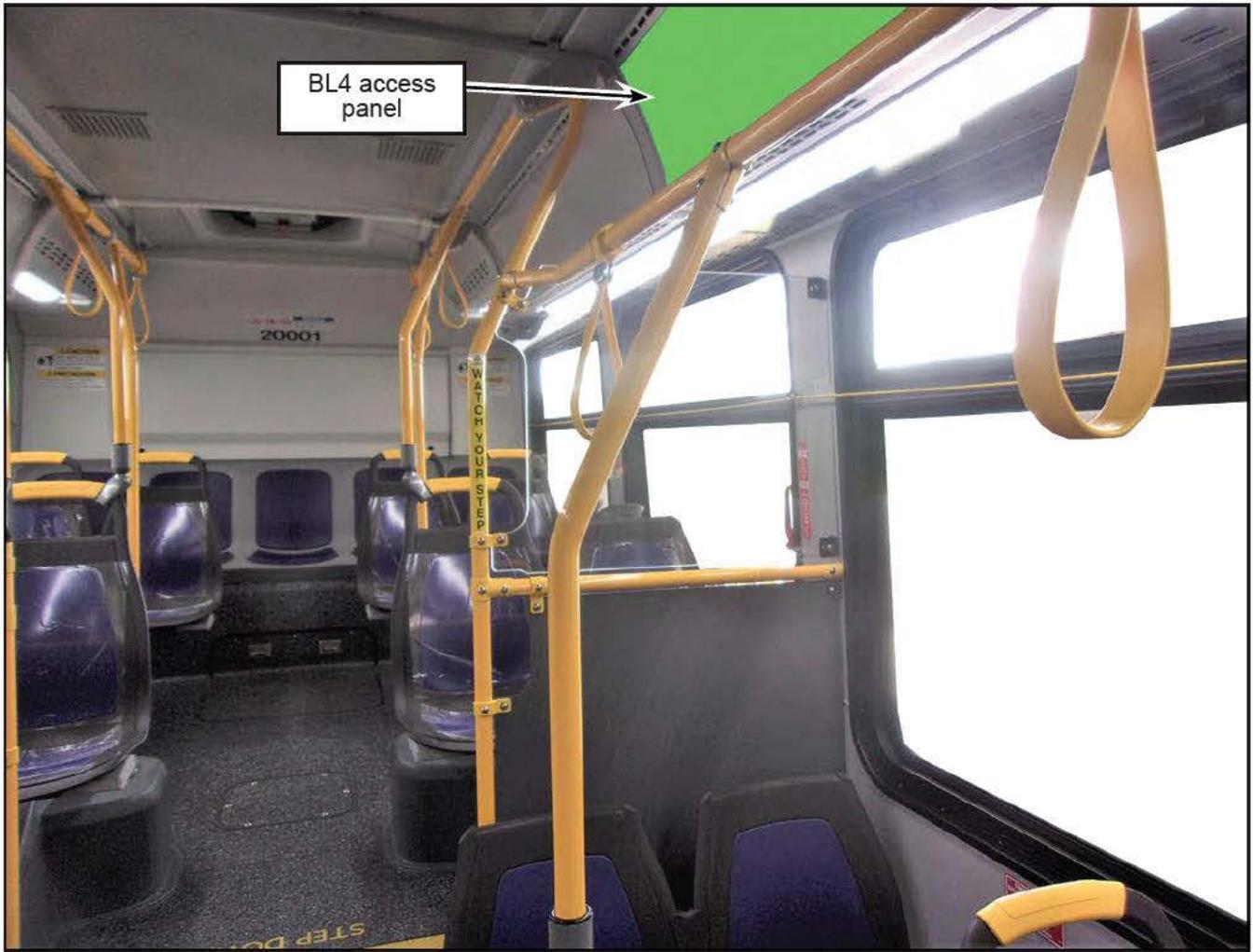


Figure 2 - Open the Access Panel BL4.

- 1.5. Locate the marker light connector and unplug it.



Figure 3 - Locate the Connector

- 1.6. From the outside of the vehicle, locate the marker light (see figure 1) and remove the 4 screws. Retain the hardware. Discard the light.
- 1.7. Install the new light with new gaskets. Make sure the surfaces are clean to avoid water intrusion inside the vehicle. Torque the screws at 11.5 lb-in (1.3 ± 0.1 N·m)

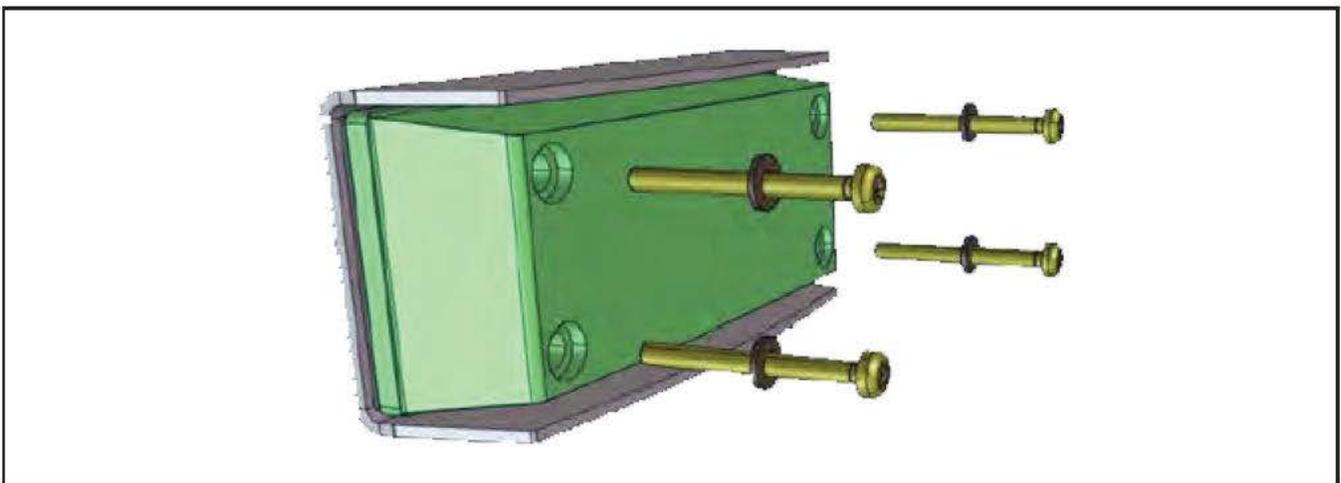


Figure 4 - Replace the Light and the Gaskets

- 1.8. From the inside of the vehicle, plug the connector to the corresponding vehicle harness.
- 1.9. Close the access panel.
- 1.10. Test the functionality of the light.
- 1.11. The vehicle may return in service.

