

| | |
|---------------------|-----------------------|
| REFERENCE: | Nova Bus Manuals |
| SECTION: | 16: Electrical System |
| RS N°: | MQR 7621-2280 |
| EFFECTIVE IN PROD.: | N/A |

APPLICATION DEADLINE: 2022JN10
CLAIM REFERENCE NUMBER: WB-5079

| | |
|----------------|--|
| SUBJECT: | Alternator fail light coming on in service. |
| JUSTIFICATION: | A 12V relay is installed instead of a 24V relay for the alternator output status signal. |

| LEVEL | DESCRIPTION | DIRECT CHARGES | | TIME |
|-------|-----------------------------------|----------------|----------|---------|
| | | LABOUR | MATERIAL | |
| 1 | Removal and Replacement of Relay. | Novabus | Novabus | 0.25 hr |
| 2 | – | – | – | – |

MATERIAL

| QTY | PART N° | REV. | DESCRIPTION | REPLACES PART N° |
|--------------------|---------|------|----------------------|------------------|
| LEVEL 1 | | | | |
| 1 | N11613 | – | RELAY 24V WITH DIODE | N82209 |
| LEVEL 2 | | | | |
| – | – | – | – | – |
| SHOP SUPPLY | | | | |
| – | – | – | – | – |

Note: N11613 ss to G1077774

Materials will be available within 32 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.

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 | 2021AL26 | Initial release | Devanand |

APPROVED BY:

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| CLIENT | ORDER | ROAD NUMBER | | VIN (2NVY/4RKY...) | | QTY |
|------------------------------|-------|-------------|----------|--------------------|---------------|-----|
| | | FROM | TO | FROM | TO | |
| Montgomery County - Maryland | LC33 | 194600 | 194600 | S92J1K9777351 | S92J1K9777351 | 1 |
| Montgomery County - Maryland | LC34 | 1946001D | 1946015D | S92J4L9777474 | S92J2L9777490 | 15 |
| San Juan Puerto Rico | LD01 | 2020-01 | 2020-01 | L82J0L9777561 | L82J0L9777561 | 1 |
| San Juan Puerto Rico | LD32 | 2021-01 | 2021-10 | L82J5L9777751 | L82J6L9777760 | 10 |

**WARNING**

Follow your internal safety procedures.

PROCEDURE

- 1.1. Park the vehicle on an even surface with transmission in neutral (N).
- 1.2. Turn the ignition switch to OFF position and engage the parking brake.
- 1.3. Set the master control switch in the STOP position (see figure 1).

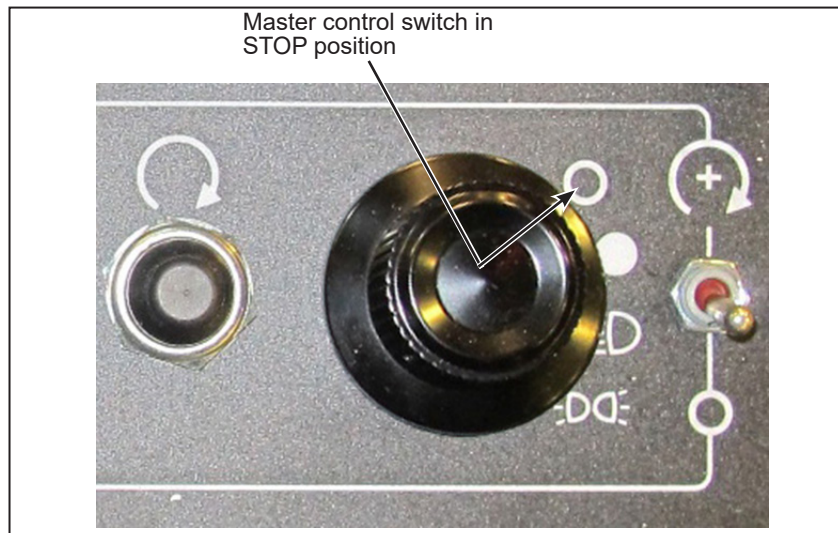


Figure 1 - Master Control Switch in STOP Position

- 1.4. Set the battery disconnect switch in the battery compartment to the OFF position (see figure 2).

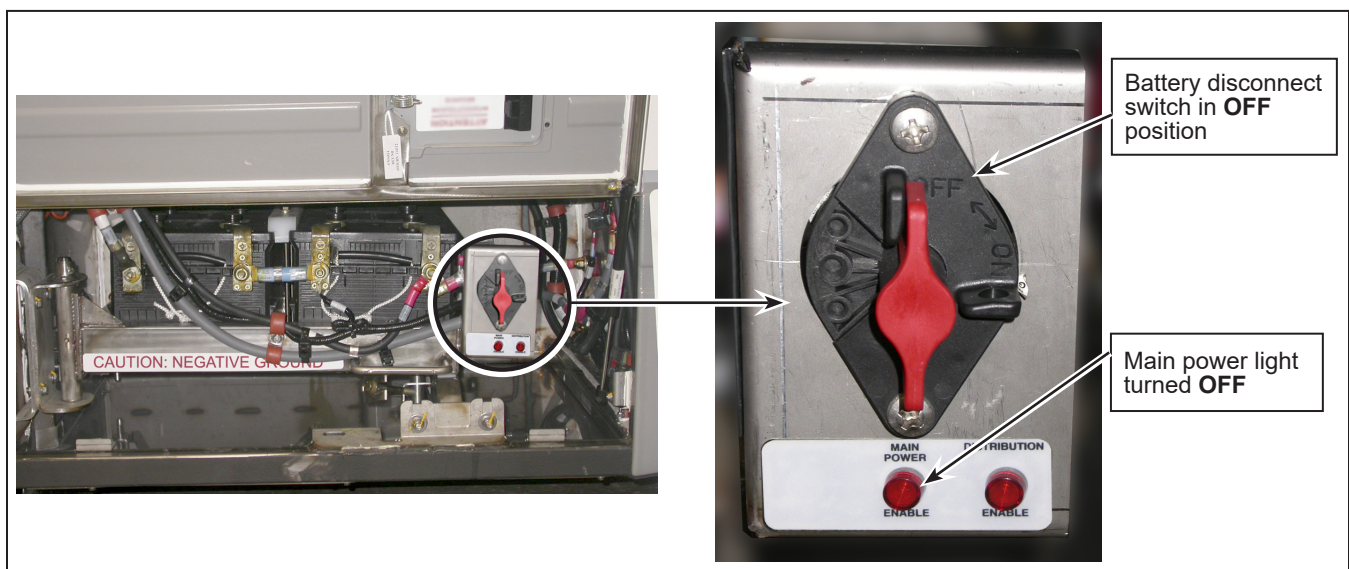


Figure 2 - View of Battery Disconnect Switch

- 1.5. Locate the 12V relay at position +IB RL99AH1 inside the interior back panel (see figure 3).

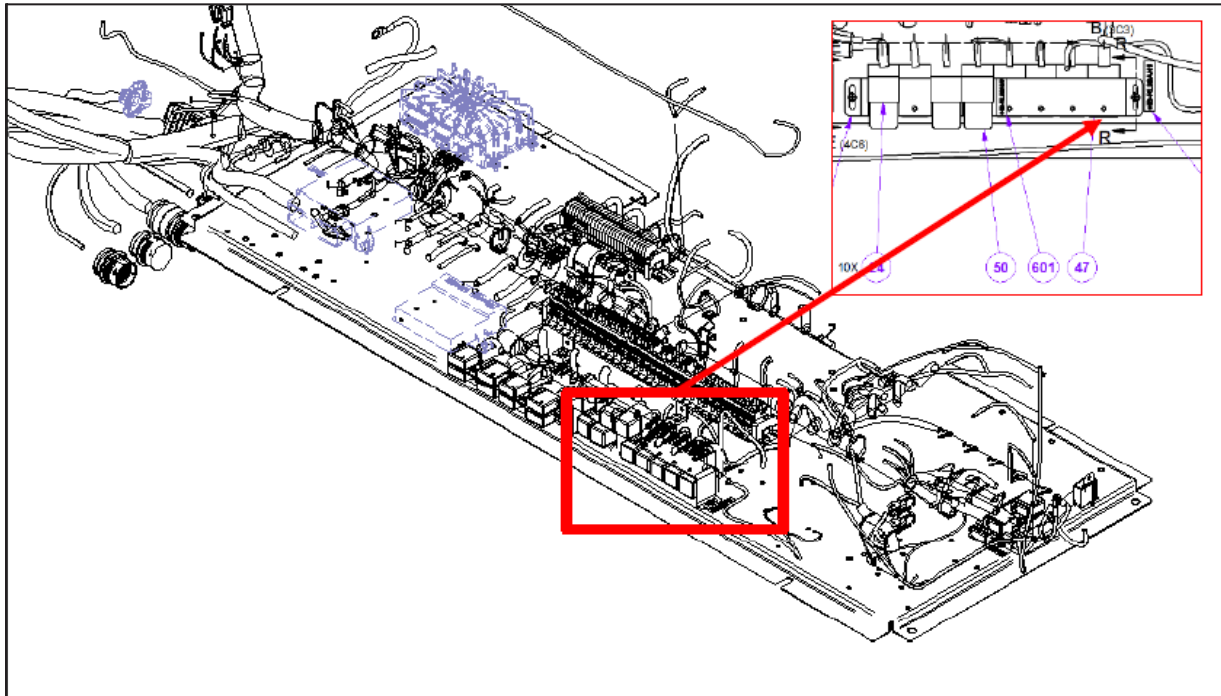


Figure 3 - Interior Back Panel

- 1.6. Remove the 24V relay N82209 and replace it with a N11613 relay.
- 1.7. Close the rear panel and test the bus (the alternator tell tale light should not be lit).
- 1.8. Return the bus to service.❖