

|                     |                       |
|---------------------|-----------------------|
| REFERENCE:          | Nova Bus Manuals      |
| SECTION:            | 16: Electrical system |
| RS N°:              | –                     |
| EFFECTIVE IN PROD.: | L738 (2013OC)         |
| TC RECALL N°:       | 2013-412              |
| NHTSA RECALL N°:    | 13V-642               |

APPLICATION DEADLINE: NA  
CLAIM REFERENCE NUMBER: SR-3034

|                |   |
|----------------|---|
| SUBJECT:       | Sure Power DC-DC converter safety recall.   |
| JUSTIFICATION: | According to Sure Power, the specific potting compound used in a series of converters, as determined by the product manufacturer, is capable of conducting electricity once exposed to significant heat. The potting compound can melt and then burn, thus increasing the risk of fire. |

| LEVEL | DESCRIPTION                       | DIRECT CHARGES |          | TIME   |
|-------|-----------------------------------|----------------|----------|--------|
|       |                                   | LABOUR         | MATERIAL |        |
| 1     | Replace the two DC-DC converters. | Nova Bus       | Nova Bus | 60 min |
| 2     | –                                 | –              | –        | –      |

**MATERIAL**

| QTY            | PART N° | REV. | DESCRIPTION         | REPLACES PART N° |
|----------------|---------|------|---------------------|------------------|
| <b>LEVEL 1</b> |         |      |                     |                  |
| 2              | N76239  | –    | 40A DC-DC converter | N35395           |
| <b>LEVEL 2</b> |         |      |                     |                  |
| –              | –       | –    | –                   | –                |

Materials will be available within 42 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 * | * To be reimbursed, the parts must be retained and returned in accordance with the usual warranty procedure. |
|                    | –         | Yes        |  |

**REVISION HISTORY**

| REV. | DATE     | CHANGE DESCRIPTION | WRITTEN BY       |
|------|----------|--------------------|------------------|
| NR   | 2014JA24 | Initial release    | Bertrand Plouffe |

| CLIENT                    | ORDER | ROAD NUMBER |      | VIN (2NVY/4RKY...) |               | QTY |
|---------------------------|-------|-------------|------|--------------------|---------------|-----|
|                           |       | FROM        | TO   | FROM               | TO            |     |
| Calgary Transit - Alberta | L733  | 8201        | 8202 | L82AXD3000926      | L82A1D3000927 | 2   |

**WARNING**

Follow your internal safety procedures.

**PROCEDURE**

- 1.1. Switch the battery disconnect switch to the OFF position.
- 1.2. Locate the first DC-DC converter. See Figure 1.

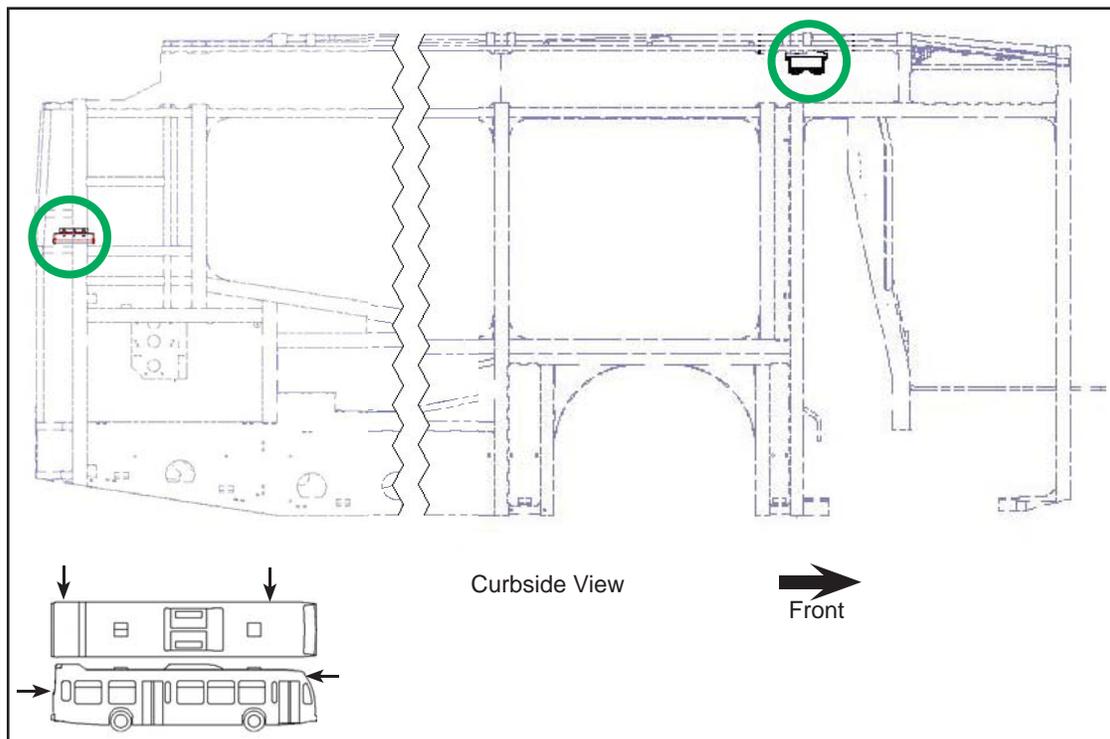


Figure 1 - DC-DC Converters Location

- 1.3. Identify the position of the three electrical cables connected to the converter (24V, 12V, GND).
- 1.4. Disconnect the converter's three electrical cables.
- 1.5. Remove the DC-DC converter. Retain the hardware.
- 1.6. Install the new converter N76239 using the retained hardware.
- 1.7. Install the three electrical cables according to their original position. Apply torque to the specified value. See Figure 2.

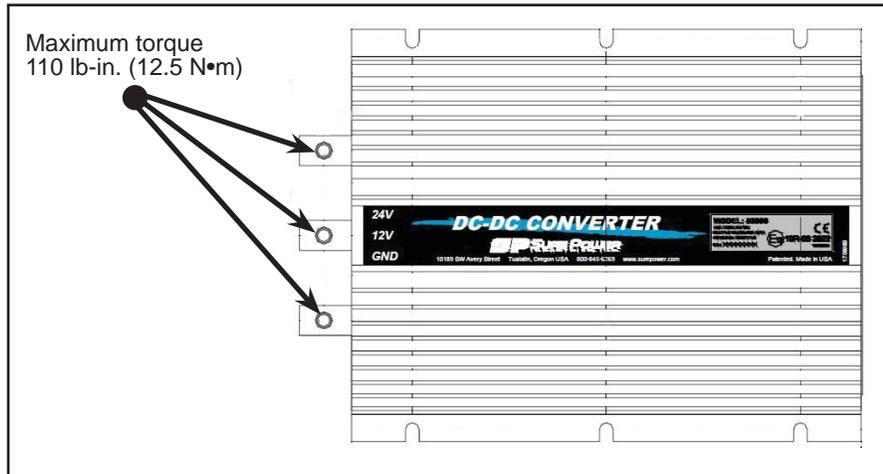


Figure 3 - N76239 DC-DC Converter

- 1.8. Locate the second DC-DC converter. See Figure 1.
- 1.9. Repeat steps 1.3 to 1.7.
- 1.10. Switch the battery disconnect switch to the ON position.
- 1.11. The vehicle may be returned to service. ❖