

|                     |                       |
|---------------------|-----------------------|
| REFERENCE:          | Nova Bus Manuals      |
| SECTION:            | 16: Electrical system |
| RS N°:              | MQR 7621-620          |
| EFFECTIVE IN PROD.: | —                     |

APPLICATION DEADLINE: 2016JN01  
CLAIM REFERENCE NUMBER: WB-3241

|                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| SUBJECT:       | Protective loom on the WHA electrical harness                                              |
| JUSTIFICATION: | The protective loom on the WHA electrical harness may be damaged by the heat of the turbo. |

| LEVEL | DESCRIPTION                                                    | DIRECT CHARGES |          | TIME |
|-------|----------------------------------------------------------------|----------------|----------|------|
|       |                                                                | LABOUR         | MATERIAL |      |
| 1     | Replace the damaged loom and install a protective heat sleeve. | Nova Bus       | Nova Bus | 1 hr |
| 2     | —                                                              | —              | —        | —    |

## MATERIAL

| QTY     | PART N°   | REV. | DESCRIPTION                   | REPLACES PART N° |
|---------|-----------|------|-------------------------------|------------------|
| LEVEL 1 |           |      |                               |                  |
| 3       | N74053-08 | —    | SLEEVE HT PROTV W/ADHES 38MM  | —                |
| 16      | N56339    | —    | TIE TEFZEL CABLE TIES         | —                |
| 25 m    | N74787    | —    | TAPE ELEC CLOTH 19 X 0.27 THK | —                |
| 3000 mm | N28083-10 | —    | SLIT CONVOLUTED CONDUIT       | —                |
| LEVEL 2 |           |      |                               |                  |
| —       | —         | —    | —                             | —                |

Materials will be available within 28 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](mailto: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   | 2015FE18 | Initial release    | Bertrand Plouffe |

| CLIENT                           | ORDER | ROAD NUMBER |      | VIN (2NVY/4RKY...) |               | QTY |
|----------------------------------|-------|-------------|------|--------------------|---------------|-----|
|                                  |       | FROM        | TO   | FROM               | TO            |     |
| New York City Transit - New York | L536  | 1200        | 1201 | S92U793000490      | S92U993000491 | 2   |
| New York City Transit - New York | L545  | 1202        | 1289 | S92U5A4000001      | S92U0A4000098 | 88  |

**WARNING**

Follow your internal safety procedures.

## PROCEDURE

- 1.1. Open the rear engine access door.
- 1.2. Open the street side engine access door.
- 1.3. Open the transmission access door.
- 1.4. Open the engine access door under the rear passenger seat.
- 1.5. Cut the blue zip ties on the WHA 61 electrical harness located in the two areas close to the engine turbo. See Figure 1.

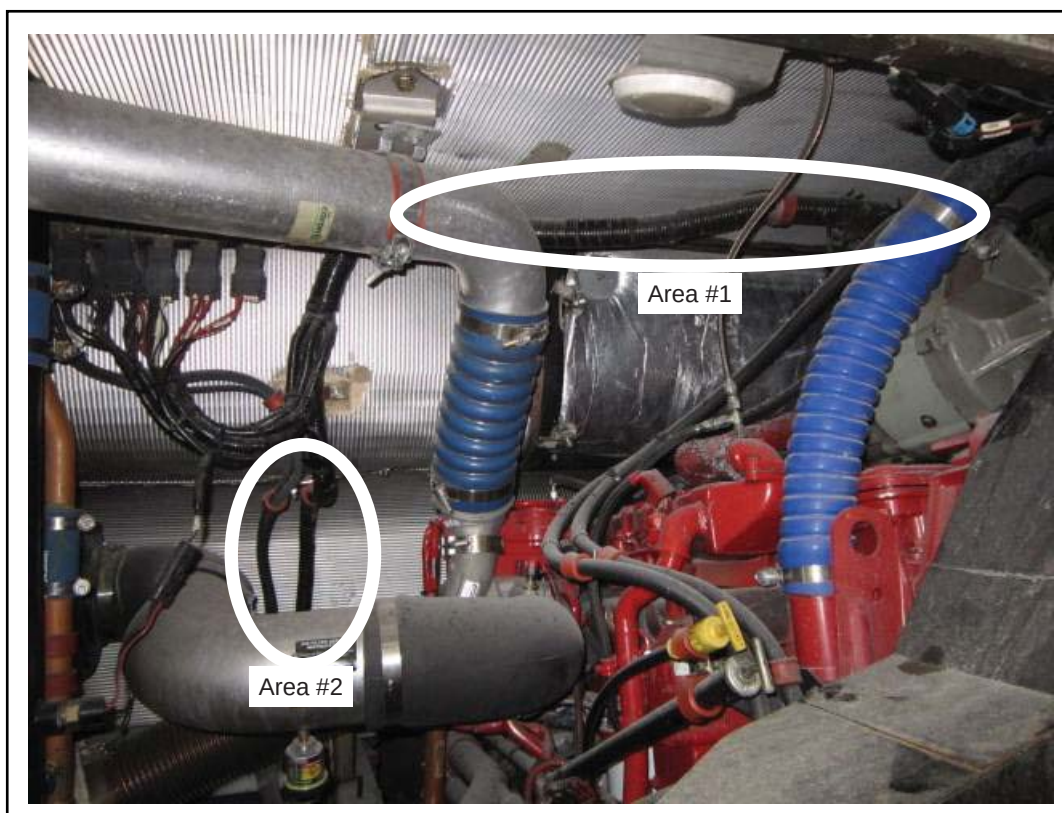


Figure 1 - Typical Locations to Look at on WHA 61 Electrical Harness (View from Engine Radiator Side)

- 1.6. Inspect the slit convoluted conduit in area #1. See Figure 1.
- 1.7. If damage is detected, go to the next step. If no damage is detected, go to step 1.10.
- 1.8. Remove the damaged convoluted conduit.
- 1.9. Install an appropriate length of new N28083-10 convoluted conduit to cover the entire damaged area. Tape the conduit in place with N74787 electrical tape. Install two turns of tape on every six inches (150 mm) along the convoluted conduit.

- 1.10. Install an appropriate length of N74053-08 heat sleeve between the Tyton blocks. See Figure 2. Close the sleeves with the integrated self-adhesive.

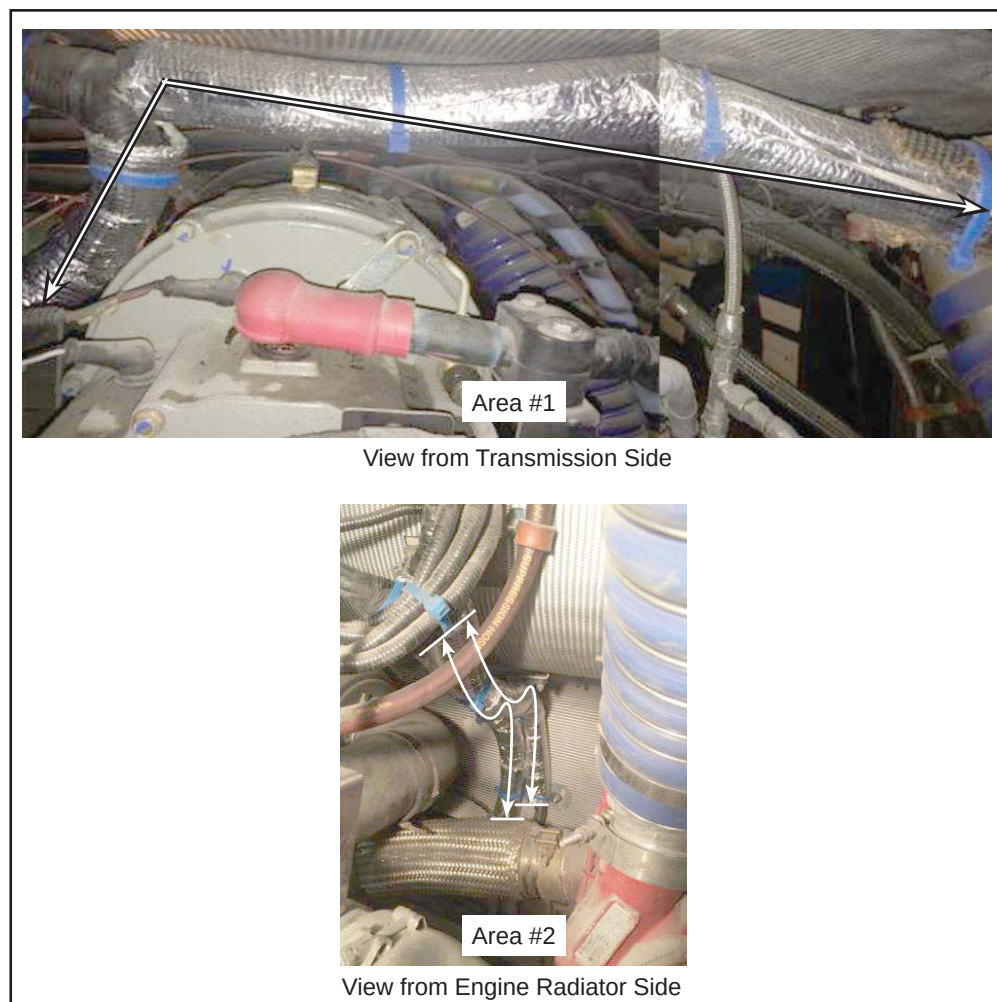


*Figure 2 - Areas Where to Install the Heat Sleeves*

- 1.11. Install N56339 cable ties on the Tyton blocks to secure the harness.

- 1.12. Secure the heat sleeves with N56339 cable ties. See Figure 3.



*Figure 3 - Typical Heat Sleeve Installation*

- 1.13. Inspect the slit convoluted conduit in area #2. See Figure 1.  
1.14. Repeat steps 1.7 to 1.12 for area #2.  
1.15. Close all four engine and transmission access doors.  
1.16. The vehicle may be returned to service. ❖