

|                     |                      |
|---------------------|----------------------|
| REFERENCE:          | Nova Bus Manuals     |
| SECTION:            | 09 Air intake system |
| RS N°:              | MQR 7621-797         |
| EFFECTIVE IN PROD.: | —                    |

APPLICATION DEADLINE: 2016MA24  
CLAIM REFERENCE NUMBER: SR-3219

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| SUBJECT:       | Engine air intake pipe                                                                  |
| JUSTIFICATION: | The engine air intake hose could rub against the air conditioning compressor components |

| LEVEL | DESCRIPTION                                               | DIRECT CHARGES |          | TIME   |
|-------|-----------------------------------------------------------|----------------|----------|--------|
|       |                                                           | LABOUR         | MATERIAL |        |
| 1     | Affix the engine air intake hose to the vehicle structure | Nova Bus       | Nova Bus | 15 min |
| 2     | —                                                         | —              | —        | —      |

**MATERIAL**

| QTY            | PART N°   | REV. | DESCRIPTION | REPLACES PART N° |
|----------------|-----------|------|-------------|------------------|
| <b>LEVEL 1</b> |           |      |             |                  |
| 1              | N29781    |      | Washer      |                  |
| 1              | N79453    |      | Bracket     |                  |
| 1              | N79441-02 |      | Cable       |                  |
| 3              | N44890    |      | Nut         |                  |
| 3              | N44884-01 |      | Bolt        |                  |
| 1              | N78378    |      | Bracket     |                  |
| <b>LEVEL 2</b> |           |      |             |                  |
| —              | —         | —    | —           | —                |

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   | 2015AL24 | Initial release                                        | Wilder Galiano |
| R1   | 2015AL30 | Remove instruction 1.6 Install plumbing type teflon... | Wilder Galiano |

| CLIENT                                     | ORDER | ROAD NUMBER |      | VIN (2NVY/4RKY...) |               | QTY |
|--------------------------------------------|-------|-------------|------|--------------------|---------------|-----|
|                                            |       | FROM        | TO   | FROM               | TO            |     |
| Chicago Transit Authority - CTA - Illinois | L773  | —           | —    | L82JXD4500429      | L82J6D4500430 | 2   |
| Chicago Transit Authority - CTA - Illinois | L811  | 7902        | 7949 | L82J6E4500509      | L82J6E4500526 | 48  |
| Chicago Transit Authority - CTA - Illinois | L837  | 7950        | 7999 | L82J6E4500655      | L82J1E4500708 | 50  |
| Chicago Transit Authority - CTA - Illinois | L847  | 8000        | 8049 | L82J1E4500773      | L82JXE4500822 | 50  |
| Chicago Transit Authority - CTA - Illinois | L848  | 8050        | 8099 | L82JXF4500823      | L82J1F4500872 | 50  |
| Chicago Transit Authority - CTA - Illinois | L849  | 8100        | 8149 | L82J5F4500874      | L82J3F4500923 | 50  |
| LYNX - Florida                             | L725  | —           | —    | S92Y9D4500329      | S92Y5D4500330 | 2   |
| LYNX - Florida                             | L764  | —           | —    | S92Y7D4500331      | S92Y9D4500332 | 2   |
| Peterborough - Ontario                     | L770  | 55          | 60   | L82U0D3000993      | L82UXD3000998 | 6   |
| Regina - Saskatchewan                      | L807  | 671         | 685  | L82J8E3001137      | L82J2E3001151 | 15  |
| San Joaquin County - California            | L768  | —           | —    | S92L4D4500422      | S92L3D4500427 | 6   |
| SEPTA - Pennsylvania                       | L724  | 7300        | 7301 | S92Y1D4500275      | S92Y3D4500276 | 2   |
| SEPTA - Pennsylvania                       | L728  |             |      | L82W7D4500335      | L82W7D4500335 | 1   |
| SEPTA - Pennsylvania                       | L741  | —           | —    | S92L4E4500504      | S92L4E4500504 | 1   |
| SEPTA - Pennsylvania                       | L742  | 7371        | 7414 | S92L6E4500729      | S92L7E4500772 | 44  |
| SEPTA - Pennsylvania                       | L743  | —           | —    | S92L1E4500489      | S92L2E4500503 | 15  |
| SEPTA - Pennsylvania                       | L744  | —           | —    | L82L7E4500570      | L82LXE4500661 | 89  |
| SEPTA - Pennsylvania                       | L749  | 7302        | 7354 | S92Y7D4500409      | S92L2E4500470 | 53  |
| Toronto Transit Commission - TTC - Ontario | L777  | 9027        | 9152 | S92J7E3001123      | S92J6E3001372 | 126 |

**WARNING**

Follow your internal safety procedures.

## PROCEDURE

- 1.1. Open the engine access door.
- 1.2. Locate the engine air intake hose and the engine cooling air hose. See Figure 1.

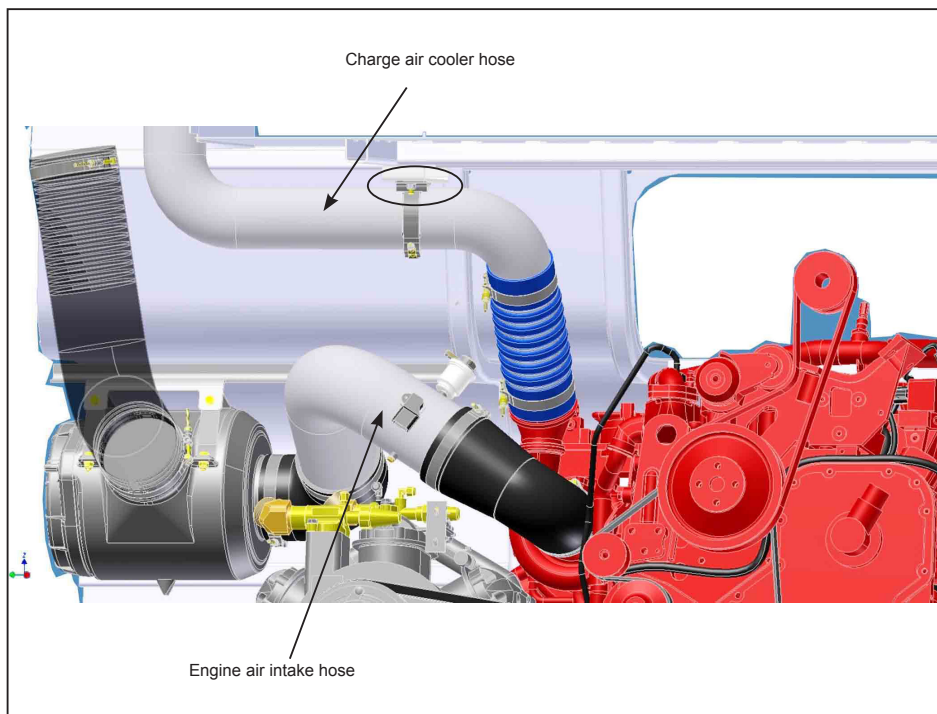


Figure 1 - Air Intake Hoses Location

- 1.3. If installed, remove the rod hanger.

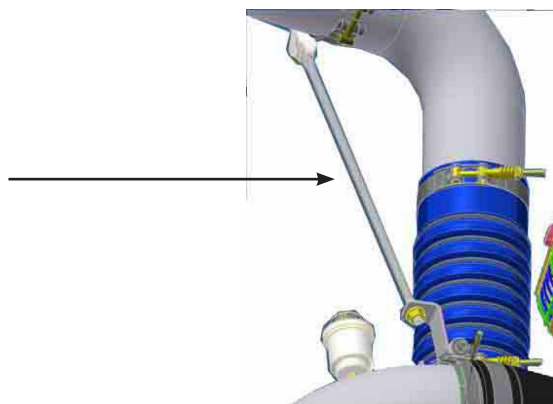


Figure 1A Rod Hanger

- 1.4. Install the N78378 support on the cooler air intake hose's front bolt support. See Figures 2 and 4.
- 1.5. Attach the N79441-02 cable to the N78378 support with the N44884 bolt and the N44890 nut.

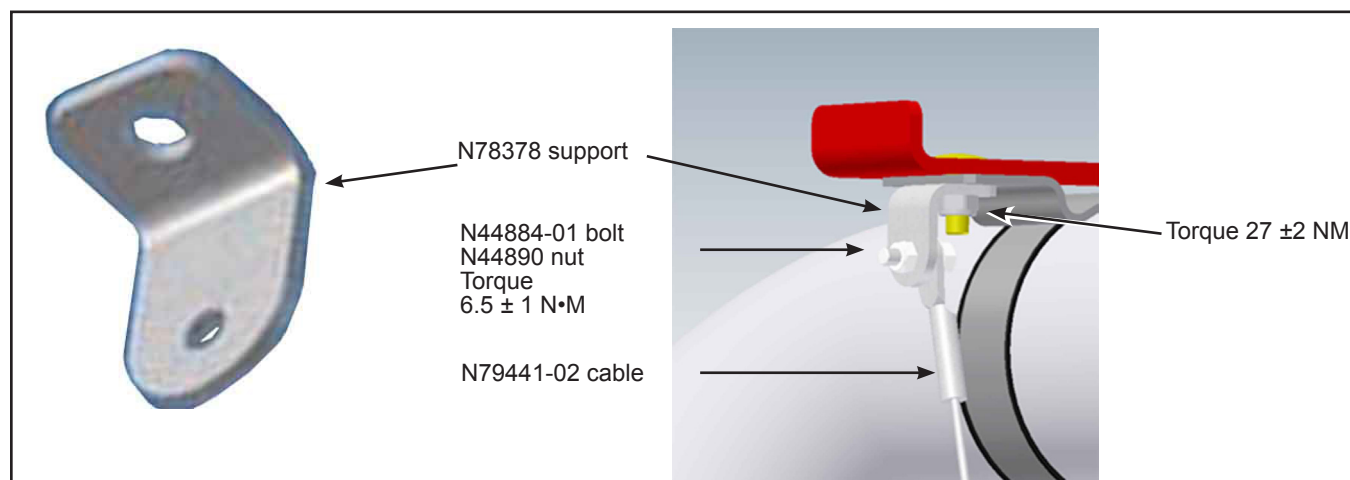


Figure 2 - Upper Support Installation

- 1.6. Attach the N79453 support to the tube with the N44884 bolt, N44890 nut and N29781 washer.
- 1.7. If required, loose the two engine air intake hose clamps, it will ease installation.
- 1.8. Attach the N79441-02 cable to the N79453 support with the N44884 bolt and the N44890 nut.

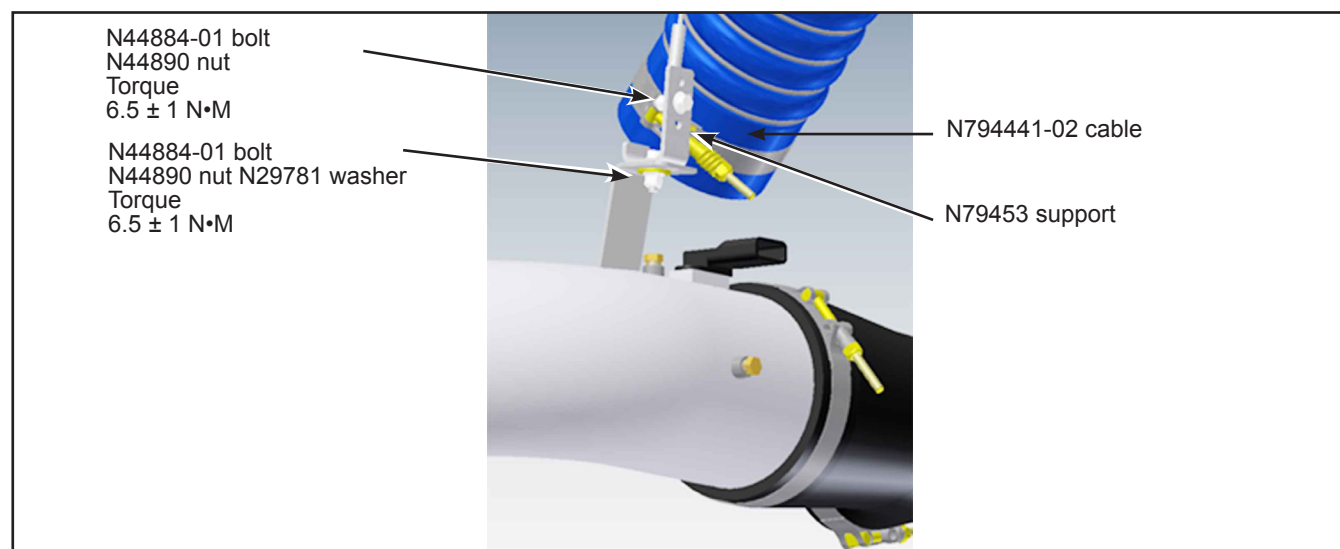
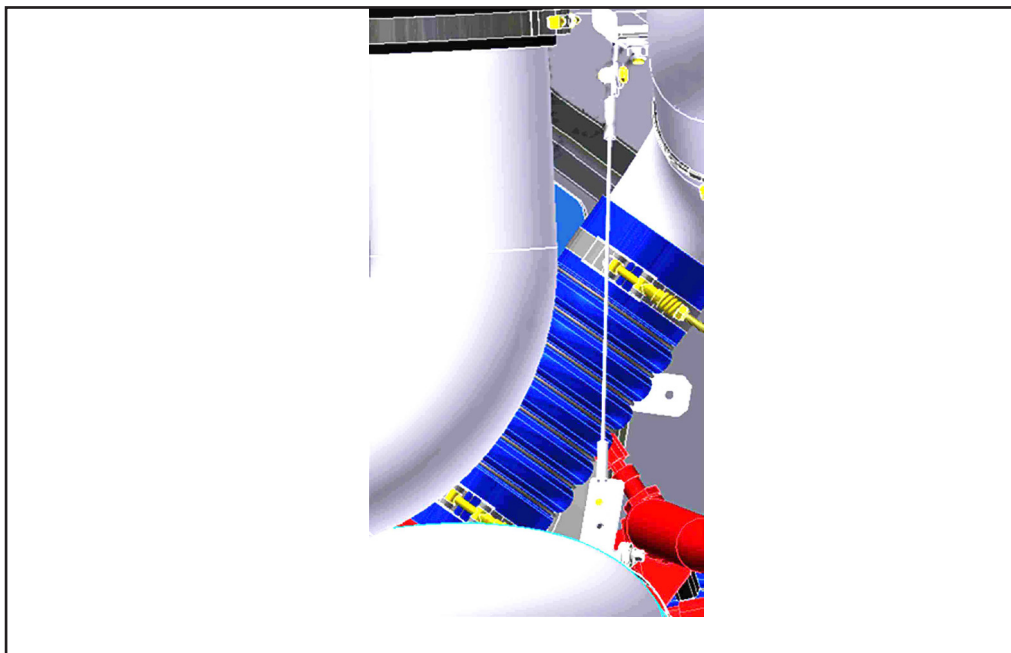


Figure 3 - Lower Support Installation



*Figure 4 - Final Assembly*

- 1.9. If required, tighten the two engine air intake hose clamps.
- 1.10. Close the engine access door.
- 1.11. The vehicle can be returned to service.❖