

| | |
|---------------------|--------------------|
| REFERENCE: | Nova Bus Manuals |
| SECTION: | 11: Exhaust System |
| RS N°: | MQR 7621-1666 |
| EFFECTIVE IN PROD.: | N/A |

APPLICATION DEADLINE:N/A

| | |
|----------------|---|
| SUBJECT: | DEF tank Head Unit GEN4 |
| JUSTIFICATION: | DEF tank Head Unit Gen4 N8900882 will no longer be available in service |

| LEVEL | DESCRIPTION | DIRECT CHARGES | | TIME |
|-------|---|----------------|----------|------|
| | | LABOUR | MATERIAL | |
| 1 | DEF tank Head Unit GEN4 N8900882 is no longer available in service, it is replace by the new DEF tank Head Unit GEN5 N8910051 | Client | Client | N/A |
| 2 | When installing for the first time a N8910051 DEF tank Head unit GEN5 the adapter harness N8910051 is required | Client | Client | N/A |

MATERIAL

| QTY | PART N° | REV. | DESCRIPTION | REPLACES PART N° |
|----------------|----------|------|------------------------------------|------------------|
| LEVEL 1 | | | | |
| 1 | N8910051 | - | DEF tank Head Unit GEN5 | N8900882 |
| LEVEL 2 | | | | |
| 1 | N8910901 | - | Harness to adapt the new Head Unit | - |

Materials will be available within 140 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 |
|--------------------|-----------|----------|
| | - | - |

REVISION HISTORY

| REV. | DATE | CHANGE DESCRIPTION | WRITTEN BY |
|------|----------|--------------------|--------------|
| NR | 2022AL20 | Initial release | Luc Carignan |

APPROVED BY:

Jean-Nicolas Fournier

Digitally signed by Jean-Nicolas Fournier
 DN: cn=Jean-Nicolas Fournier, o=Nova Bus,
 email=jean-nicolas.fournier@volvo.com, c=CA
 Date: 2022.04.22 10:38:29 -04'00'

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NQF772002 VERSION 3

| CLIENT | ORDER | ROAD NUMBER | | VIN (2NVY/4RKY...) | | QTY |
|--|-------|-------------|---------|--------------------|---------------|-----|
| | | FROM | TO | FROM | TO | |
| Austin - CMTA - Texas | L704 | 5051 | 5068 | L82J7E4500471 | L82J2E4500488 | 18 |
| Barrie Ontario - Metrolinx | L878 | 1501 | 1504 | L82JXF3001691 | L82J6F3001719 | 4 |
| BC Transit - BCT - British Columbia | L858 | 9447 | 9481 | L82JXE3001401 | L82J5F3001436 | 35 |
| BC Transit - BCT - British Columbia | L891 | — | — | L82J5F3001565 | L82J2F3001569 | 5 |
| Belleville Ontario (ref. L962) | L840 | 8092 | 8092 | L82J9E4500715 | L82J9E4500715 | 1 |
| Brampton - Ontario | L789 | 1401 | 1408 | L82J4E3001216 | L82J1E3001223 | 8 |
| Brampton - Ontario | L816 | 1409 | 1415 | L82J3E3001224 | L82J9E3001230 | 7 |
| Brampton - Ontario | L864 | 1501 | 1510 | L82JXF3001500 | L82J6F3001509 | 10 |
| Brampton - Ontario | L865 | 1511 | 1519 | L82JXF3001514 | L82J9F3001522 | 9 |
| Brantford - Ontario | L775 | 10131 | 10132 | L82U1D3000999 | L82U2D3001000 | 2 |
| Brantford - Ontario | L928 | 10151 | 10153 | L82J7F3001793 | L82J0F3001795 | 3 |
| Burlington - Ontario | L887 | 7017-15 | 7025-15 | L82J7F3001681 | L82J8F3001723 | 9 |
| Chicago Transit Authority - CTA - Illinois | L773 | — | — | L82JXD4500429 | L82J6D4500430 | 2 |
| Chicago Transit Authority - CTA - Illinois | L811 | 7902 | 7949 | L82J6E4500509 | L82J4E4500556 | 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 |
| Chicago Transit Authority - CTA - Illinois | L850 | 8150 | 8199 | L82J5F4500924 | L82J6G9775013 | 50 |
| Clemson Area Transit - South Carolina | L769 | — | — | S92U1D4500418 | S92U1D4500418 | 1 |
| CNG Demo (ref. L957) | L840 | 8093 | 8093 | L82J0E4500716 | L82J0E4500716 | 1 |
| Cornwall Ontario - Metrolinx | L935 | — | — | L82J3F3001838 | L82J5F3001839 | 2 |
| CT Transit - Connecticut | L814 | 1462 | 1473 | S92LXE4500717 | S92L4E4500728 | 12 |
| CT Transit - Connecticut | L815 | 1426 | 1429 | S92L0E4500709 | S92L0E4500712 | 4 |
| Durham Region Transit Ontario - Metrolinx | L872 | 8551 | 8553 | L82J0F3001523 | L82J4F3001525 | 3 |
| Durham Region Transit Ontario - Metrolinx | L888 | 8554 | 8559 | L82J2F3001703 | L82J1F3001708 | 6 |
| Fredericton - New Brunswick | L774 | 8131 | 8131 | L82U7D3000960 | L82U7D3000960 | 1 |
| Fredericton - New Brunswick | L812 | — | — | L82J4E3001202 | L82J4E3001202 | 1 |
| Fredericton - New Brunswick | L836 | 8143 | 8143 | L82J9E3001390 | L82J9E3001390 | 1 |
| Fredericton - New Brunswick | L901 | 8151 | 8151 | L82J7F3001602 | L82J7F3001602 | 1 |
| Grande Prairie Alberta | L834 | — | — | L82J7E3001386 | L82J2E3001389 | 4 |
| Guelph - Ontario | L767 | 237 | 239 | L82UXD3000967 | L82U3D3000969 | 3 |
| Guelph - Ontario | L835 | 240 | 243 | L82J0E3001391 | L82J6E3001394 | 4 |
| Guelph - Ontario | L927 | 244 | 247 | L82J1F3001756 | L82J9F3001763 | 4 |
| Kingston - Ontario Metrolinx | L880 | 1502 | 1502 | L82JXF3001786 | L82JXF3001786 | 1 |
| Kingston - Ontario Metrolinx | L925 | 1504 | 1510 | L82J5F3001808 | L82J5F3001811 | 4 |
| Lethbridge - Alberta | L868 | — | — | L82J2F3001510 | L82J2F3001510 | 1 |
| LYNX - Florida | L785 | — | — | S92L6E4500505 | S92L8E4500506 | 2 |
| MTD - Santa Barbara, California | L730 | — | — | S92J8E4500567 | S92J1E4500569 | 3 |
| New York City Transit - New York | L841 | 8094 | 8134 | L82J2F4500959 | L82JXF4501034 | 41 |
| New York City Transit - New York | L841 | 8184 | 8206 | L82J1F4501035 | L82J0F4501057 | 23 |
| New York City Transit - New York | L841 | 8252 | 8269 | L82J2F4501058 | L82J2F4501075 | 18 |
| New York City Transit - New York | L842 | 8090 | 8093 | L82J4F4501076 | L82JXF4501079 | 4 |
| New York City Transit - New York | L842 | 8207 | 8213 | L82J6F4501161 | L82J7F4501170 | 7 |

| CLIENT | ORDER | ROAD NUMBER | | VIN (2NVY/4RKY...) | | QTY |
|--|-------|-------------|-------|--------------------|---------------|-----|
| | | FROM | TO | FROM | TO | |
| New York City Transit - New York | L842 | 8399 | 8408 | L82J6F4501080 | L82J2F4501089 | 10 |
| New York City Transit - New York | L842 | 8318 | 8332 | L82J9F4501090 | L82J7F4501105 | 15 |
| New York City Transit - New York | L842 | 8359 | 8373 | L82J9F4501106 | L82J3F4501120 | 15 |
| New York City Transit - New York | L842 | 8409 | 8432 | L82J5F4501121 | L82JXF4501146 | 24 |
| New York City Transit - New York | L842 | 8481 | 8491 | L82J1F4501147 | L82J8F4501159 | 11 |
| New York City Transit - New York | L843 | 8135 | 8153 | L82J5F4501197 | L82J9F4501221 | 19 |
| New York City Transit - New York | L843 | 8214 | 8230 | L82J9F4501171 | L82J1F4501195 | 17 |
| New York City Transit - New York | L843 | 8270 | 8293 | L82J0F4501222 | L82J7F4501251 | 24 |
| New York City Transit - New York | L843 | 8333 | 8347 | L82J9F4501252 | L82J1G9775016 | 15 |
| New York City Transit - New York | L843 | 8374 | 8380 | L82J3G9775017 | L82J9G9775023 | 7 |
| New York Demo | L840 | 8091 | 8091 | L82J5E4500714 | L82J7E4500714 | 1 |
| Niagara Falls - Ontario | L771 | 1396 | 1397 | L82U9D3000958 | L82U0D3000959 | 2 |
| North Bay - Ontario | L895 | 784 | 785 | L82J7F3001678 | L82J9F3001679 | 2 |
| Oakville Ontario - Metrolinx | L874 | — | — | L82J6F3001526 | L82JXF3001531 | 6 |
| Oakville Ontario - Metrolinx | L881 | — | — | L82J2F3001717 | L82J8F3001740 | 5 |
| Peterborough - Ontario | L770 | 55 | 60 | L82U0D3000993 | L82UXD3000998 | 6 |
| Peterborough - Ontario | L870 | 61 | 63 | L82JXF3001612 | L82J3F3001614 | 3 |
| Peterborough - Ontario | L919 | 64 | 66 | L82J6F3001767 | L82JXF3001769 | 3 |
| Red Deer - Alberta | L766 | 1104 | 1105 | L82U7D3001025 | L82U9D3001026 | 2 |
| Red Deer - Alberta | L772 | 1106 | 1108 | L82J2E3001120 | L82J6E3001122 | 3 |
| Red Deer - Alberta | L813 | 10008 | 10009 | L82J2E3001361 | L82J4E3001362 | 2 |
| Red Deer - Alberta | L869 | — | — | L82J9F3001570 | L82J0F3001571 | 2 |
| Red Deer - Alberta | L926 | — | — | L82J2F3001796 | L82J4F3001797 | 2 |
| Regina - Saskatchewan | L776 | 663 | 669 | L82U4D3001001 | L82U5D3001007 | 7 |
| Regina - Saskatchewan | L807 | 671 | 685 | L82J8E3001137 | L82J2E3001151 | 15 |
| Regina - Saskatchewan | L892 | 686 | 691 | L82J5F3001484 | L82J4F3001489 | 6 |
| Sarnia Ontario | L873 | 151 | 152 | L82J0F3001599 | L82J0F3001600 | 2 |
| Sarnia Ontario | L883 | 153 | 153 | L82J4G3750021 | L82J4G3750021 | 1 |
| Saskatoon - Saskatchewan | L831 | 1401 | 1405 | L82J7E3001307 | L82J9E3001311 | 5 |
| Saskatoon - Saskatchewan | L894 | 1501 | 1510 | L82J0F3001490 | L82J7F3001499 | 10 |
| St. Catharines Ontario - Metrolinx | L879 | 1501 | 1504 | L82J4F3001587 | L82J4F3001590 | 4 |
| St. Catharines Ontario - Metrolinx | L898 | 1560 | 1560 | S92J4F3001663 | S92J4F3001663 | 1 |
| St. John - New Brunswick | L871 | 40585 | 40586 | L82J8F3001592 | L82JXF3001593 | 2 |
| St. John's - Newfoundland | L808 | 1415 | 1419 | L82J4E3001152 | L82J1E3001156 | 5 |
| St. John's - Newfoundland | L875 | 1520 | 1525 | L82JXF3001478 | L82J3F3001483 | 6 |
| St. John's - Newfoundland | L930 | 1626 | 1630 | L82J7F3001826 | L82J9F3001830 | 5 |
| Stratford - Ontario | L893 | — | — | L82J9F3001584 | L82J0F3001585 | 2 |
| Sudbury - Ontario | L890 | 851 | 855 | L82JXF3001609 | L82J6F3001641 | 5 |
| Thunder Bay - Ontario | L806 | — | — | L82J6E3001170 | L82J8E3001171 | 2 |
| Thunder Bay - Ontario | L863 | — | — | L82J8F3001558 | L82J6F3001560 | 3 |
| Timmins - Ontario | L783 | — | — | L82U8D3001017 | L82UXD3001018 | 2 |
| Timmins - Ontario | L839 | — | — | L82J8E3001395 | L82J8E3001395 | 1 |
| Toronto Transit Commission - TTC - Ontario | L738 | 9001 | 9026 | S92J6D3001094 | S92J7D3001119 | 26 |
| Toronto Transit Commission - TTC - Ontario | L777 | 9027 | 9152 | S92J7E3001123 | S92J6E3001372 | 126 |

| CLIENT | ORDER | ROAD NUMBER | | VIN (2NVY/4RKY...) | | QTY |
|--|-------|-------------|-------|--------------------|---------------|-----|
| | | FROM | TO | FROM | TO | |
| Toronto Transit Commission - TTC - Ontario | L859 | 8400 | 8400 | L82J5F3001405 | L82J5F3001405 | 1 |
| Toronto Transit Commission - TTC - Ontario | L860 | 8401 | 8504 | L82J0F3001554 | L82JXF3001805 | 104 |
| University of Alabama - Alabama | L787 | 7028 | 7029 | L82J2E4500507 | L82J4E4500508 | 2 |
| University of Alabama - Alabama | L902 | 7030 | 7030 | L82J2F4500993 | L82J4F4500994 | 2 |
| Vancouver Airport Authority - YVR British Columbia | L912 | 173 | 178 | L82L5F3001812 | L82L4F3001817 | 6 |
| Walt Disney World - Florida | L763 | — | — | S92U0D3001019 | S92U4D3001024 | 6 |
| Welland Ontario - Metrolinx | L866 | | | L82J9F3001648 | L82J9F3001648 | 1 |
| Welland Ontario - Metrolinx | L933 | — | — | L82J1G3750011 | L82J1G3750011 | 1 |
| Whitehorse - Yukon | L784 | 43 | 43 | L82U9D3001057 | L82U9D3001057 | 1 |
| Windsor Ontario - Metrolinx | L886 | 570 | 577 | L82J8F3001818 | L82J5F3001825 | 8 |
| Woodstock - Ontario | L778 | — | — | L82U2D3001014 | L82U2D3001014 | 1 |
| Woodstock - Ontario | L832 | — | — | L82J9E3001342 | L82J9E3001342 | 1 |
| Woodstock - Ontario | L923 | 15-16 | 15-16 | L82J9F3001746 | L82J9F3001746 | 1 |
| York Regional Transit Ontario - Metrolinx | L896 | 1501 | 1517 | L82J2F3001619 | L82JXF3001741 | 17 |
| York Regional Transit Ontario - Metrolinx | L936 | 1518 | 1518 | L82J3G3750012 | L82J3G3750012 | 1 |



WARNING

FOLLOW YOUR INTERNAL SAFETY PROCEDURES.

INFORMATION

- 1.1. N8900882 DEF tank Head Unit GEN4 will no longer be available in service. It is replaced by the new N8910051 DEF tank Head Unit GEN5.



NOTE

When replacing a DEF tank Head Unit GEN4 N8900882 by the new DEF tank Head Unit GEN5 N8910051, the N8910901 harness is required to allow connection of the new head units with the vehicle harness.



| | | |
|---------------------------|-------------------------------|-------------------------------|
| <p>DEF tank Head Unit</p> | Gen4 (Air Coupled) | Gen5 (Reed Switch) |
| | DM401-18H5A765 (N8900882) | DM501-180A765 (N8910051) |
| | Out of production | Active |
| | | |