



HEPA filter system installation guidance for NYS vehicles - 07/30/2021

- 1) The HEPA filter system shall be secured to the floor or low on the back wall and is not to impede any portion of the aisle way or emergency door/exit egress area. No seating or wheelchair positions can be reduced.
- 2) System is to be mounted in a fashion which allows for future filter changes.
- 3) Filter units are not to be mounted overhead.
- 4) All circuit wiring will be run along the vehicles standard wiring harness, run as an overlay to the main body harness and behind the wiring covering.
- 5) All connections are to be heat shrink and covered with protective loom covering.
- 6) All main connections at the wiring connector on the unit are to be made according to manufacturer's guidelines. All wiring must meet or exceed minimum gauge for rated amperage draw.
- 7) Appropriate nonconductive grommets are to be used at any point the wires pass through a panel.
- 8) Wiring to the filter unit is to be covered in protective loom and secured with plastic non-conductive plastic p clamps and zip ties.
- 9) Circuit protection shall be provided at the vehicle body circuit fuse panel.
- 10) Each installation is to be quality checked by the installer prior to being placed into service. When installed according to the above guidelines, the installer warrants and takes responsibility for the installation of the filter system. These installations must also fully adhere to all manufacturers installation parameters and Title 17 NYCRR Part 720 bus safety regulations.
- 11) **NO** air filter system is allowed to be installed on any vehicle under NYSDOT jurisdiction that includes UV light or ionization features.

Any questions shall be directed to Jeff Corey

Jeff Corey

Field Operations Manager, Bus Inspection Program

Intermodal Transportation Specialist 2- Motor Carrier Safety

Passenger Carrier Safety Bureau

Jeffrey.corey@dot.ny.gov 607-222-7578

<https://www.dot.ny.gov/divisions/operating/osss/bus>