

SUBURBAN OPR



The SUBURBAN is a deluxe Overhead Parcel Rack (OPR) system with integrated HVAC duct as used in Suburban bus applications. The strong, yet lightweight, aluminum and steel construction of the SUBURBAN system provides spacious parcel storage as well as individual LED reading lights and A/C outlets in an attractive system specifically designed for every application.

We design innovative bus interiors.

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CONSTRUCTION

The luggage rack system shall be of modular design and constructed of anodized aluminum extrusions and aluminum composite panels attached to welded steel support structures by mechanical fasteners. Full length anodized extruded aluminum grab-rails shall be provided and also serve as a luggage stop. Vertical hangers of anodized extruded aluminum shall support the rack system and be of rounded tubular design to also serve as vertical stanchions. When installed in the bus, the handrail shall be capable of supporting a load of 300 lbs., hanging from the handrail, mid-span between the hangers. HVAC duct shall be optimally sized and designed to be integral to the rack system with both free-blow outlets as well as individual passenger controlled air outlets.

LIGHTING

Coach lighting shall consist of full length single-pin T-12 CW fluorescent lights controlled by individual electronic ballast. Electronic ballast shall be rebuildable, have built in replaceable fuse and operate above 22,000Hz frequency with maximum 205 ma RMS current output. Fluorescent light lens shall be opaque color, of symmetrical ribbed design, extruded fire retardant polycarbonate and shall snap fit into place without the need for additional fasteners.

Passenger convenience modules shall contain individual dual adjustable LED reading lights, dual adjustable and closeable air vents and a speaker installed above all seating locations. Modules shall be attached to the underside of the rack with machine screws into J-clip fasteners. No sheet metal screws shall be used to attach passenger convenience modules. LED lights shall not be removable from the front of the lights.

Additional parcel rack dome lights shall be installed inside the parcel rack, where needed.

FINISHED SURFACES

Customer shall determine parcel rack interior finish and optional materials shall include aluminum composite material with carpet or textured vinyl surface or high-pressure laminate finished surface.

Parcel rack underside surface, around passenger convenience modules, shall be customer selected and materials available shall include high-pressure laminate or fabric identical to seat upholstery fabric used in the bus.

FIRE RETARDANCY

All components used in the construction of the overhead parcel rack shall meet or exceed FMVSS 571-302, ASTM E-162 and ASTM E-662 (Docket 90). When burning, no materials used in the construction shall drip burning material on the seats.



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PRETORIA
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