

AROWGUARD

DRIVER PROTECTION SYSTEMS

Driver protection reimagined

NEXT GENERATION OF DRIVER PROTECTION

At AROW Global our mission is to develop innovative solutions for our customers, including transit bus companies, transit authorities, and transit unions. In keeping our commitment to bring the most innovative products to market, our team of engineers has designed the next generation of driver protection systems.

We believe that all of our products should enhance both the driver and passenger experience. In creating new driver protection systems, every component was designed with the end user in mind.

Drivers can now feel confident that they are in control of their environments. Our new innovative designs make it easier than ever for the driver to connect and interact with their passengers with the ability to protect themselves should the need arise.



Slide System

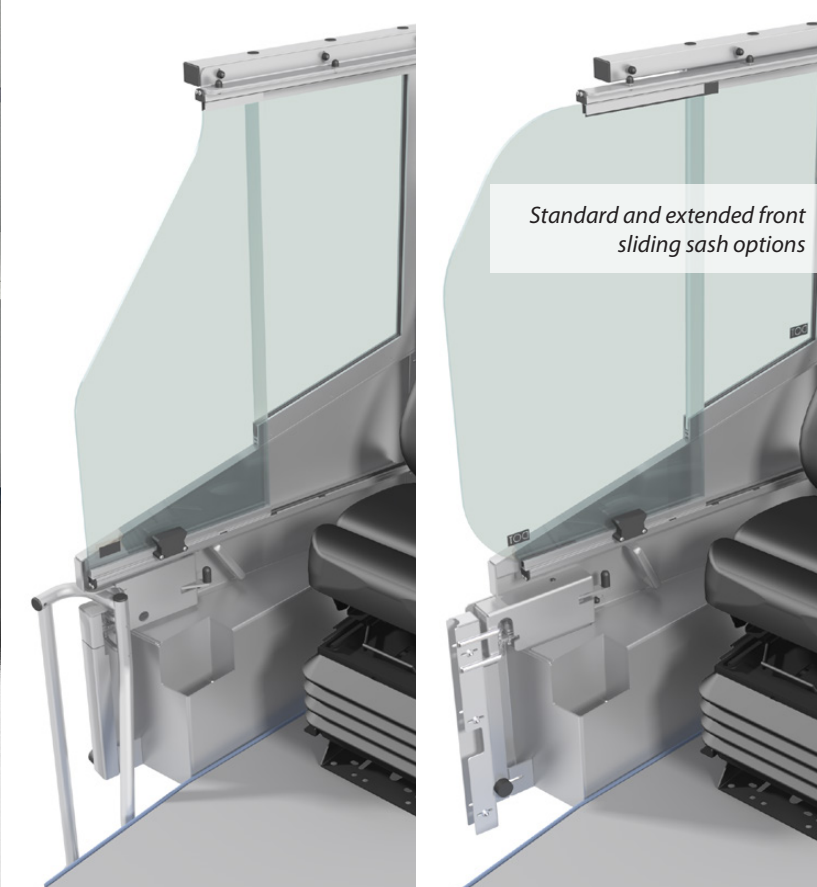


Coach System



Fixed System

PROTECT YOUR MOST VALUABLE ASSET...PEOPLE



Standard and extended front sliding sash options

DESIGN

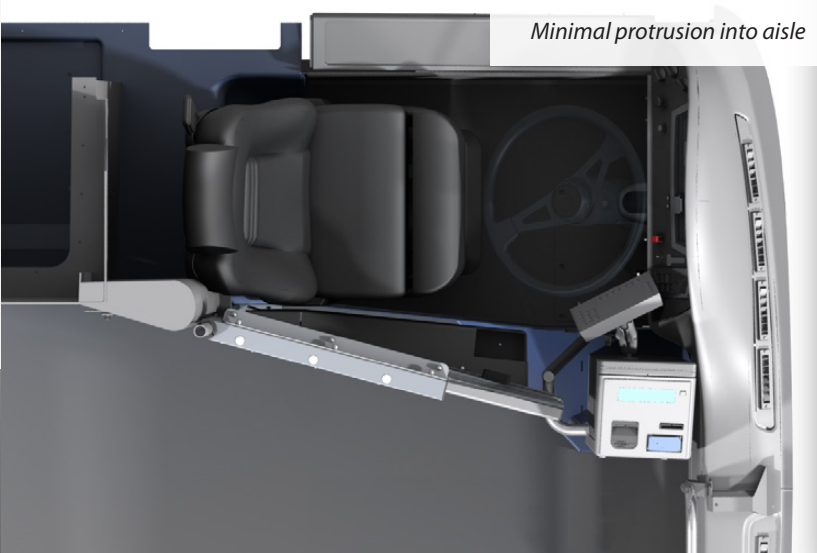
- Bottom edge of glass is completely protected
- Swinging the door past the standee line is limited with a heavy duty impact and tear resistant strap
- Door weighs approximately 75 lbs.
- Approximately 5 in. of protrusion into the aisle way above the ADA area
- Door swings as complete unit
- Lower panel is constructed of welded aluminum sheet metal panels

DRIVER ACCOMMODATIONS

- Approximately 37 in. of elbow room (street side wall to DPS glass)
- Unobstructed view of curbside mirror for the 95th percentile of drivers (per SAE J941)
- Clear view of the bottom of the entrance door
- Minimal protrusion into the passenger aisle
- Latch stanchion takes up minimal space in the driver entrance/exit area



Door swings as complete unit

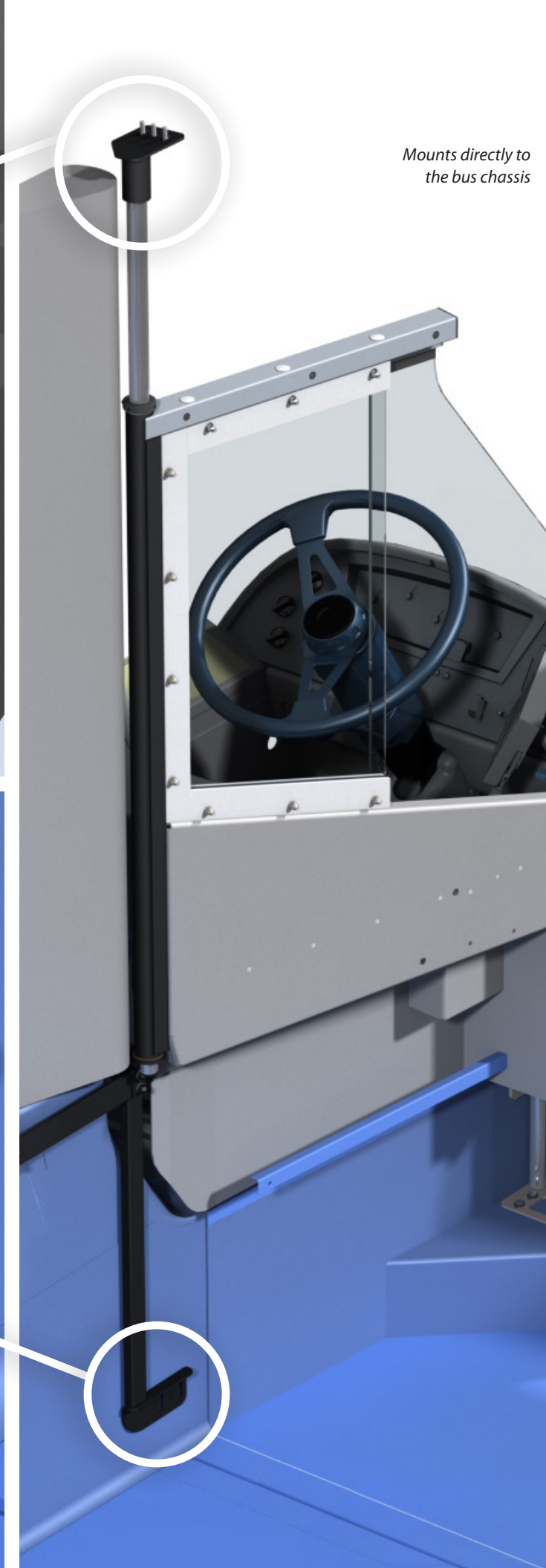
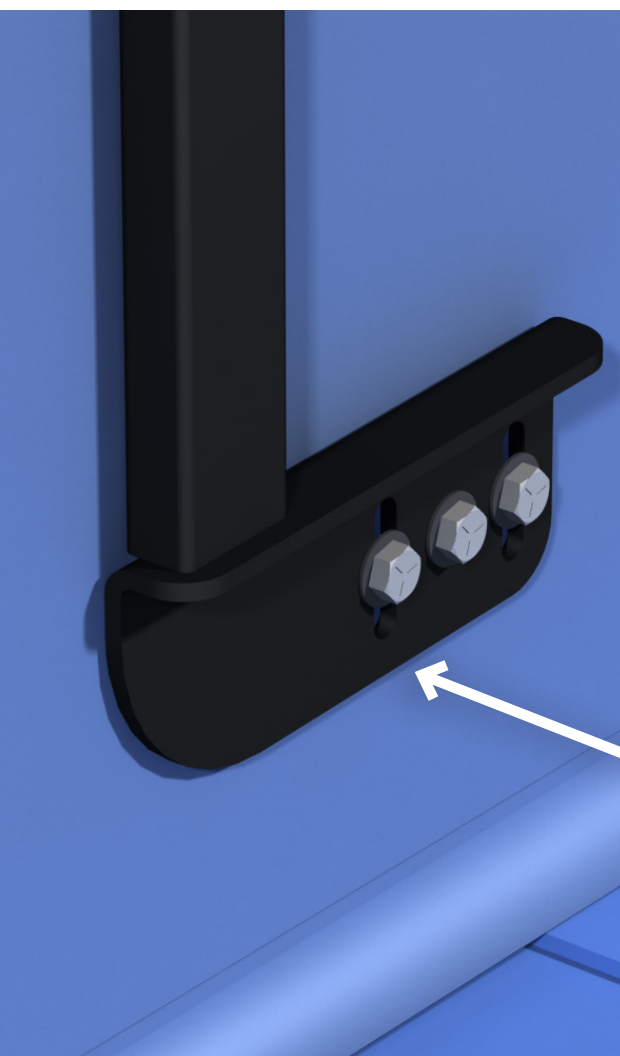
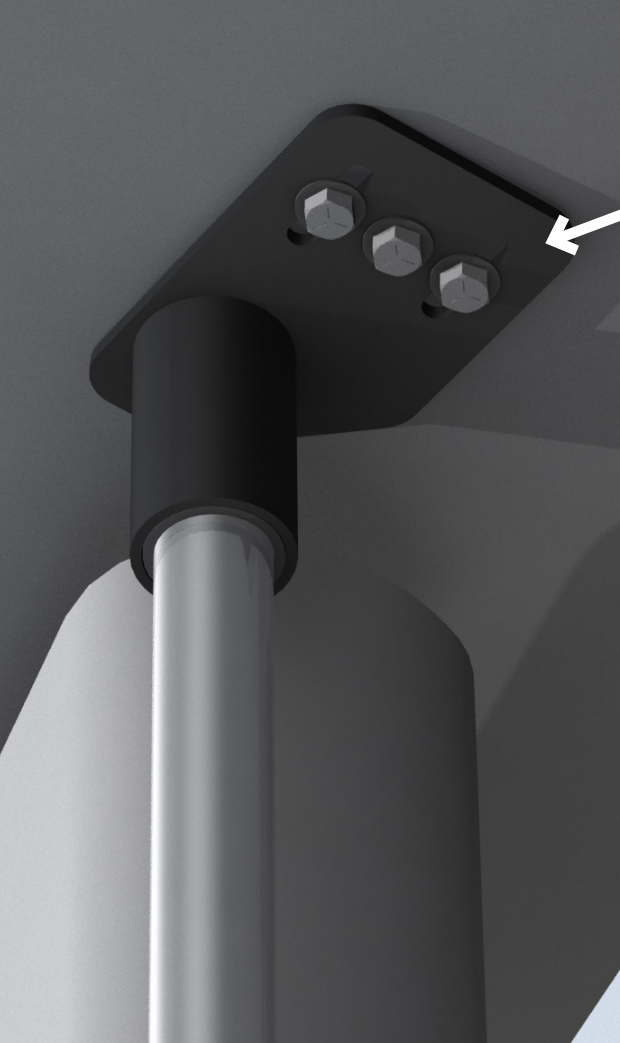


Minimal protrusion into aisle

SLIDE STOW

Safety at your fingertips

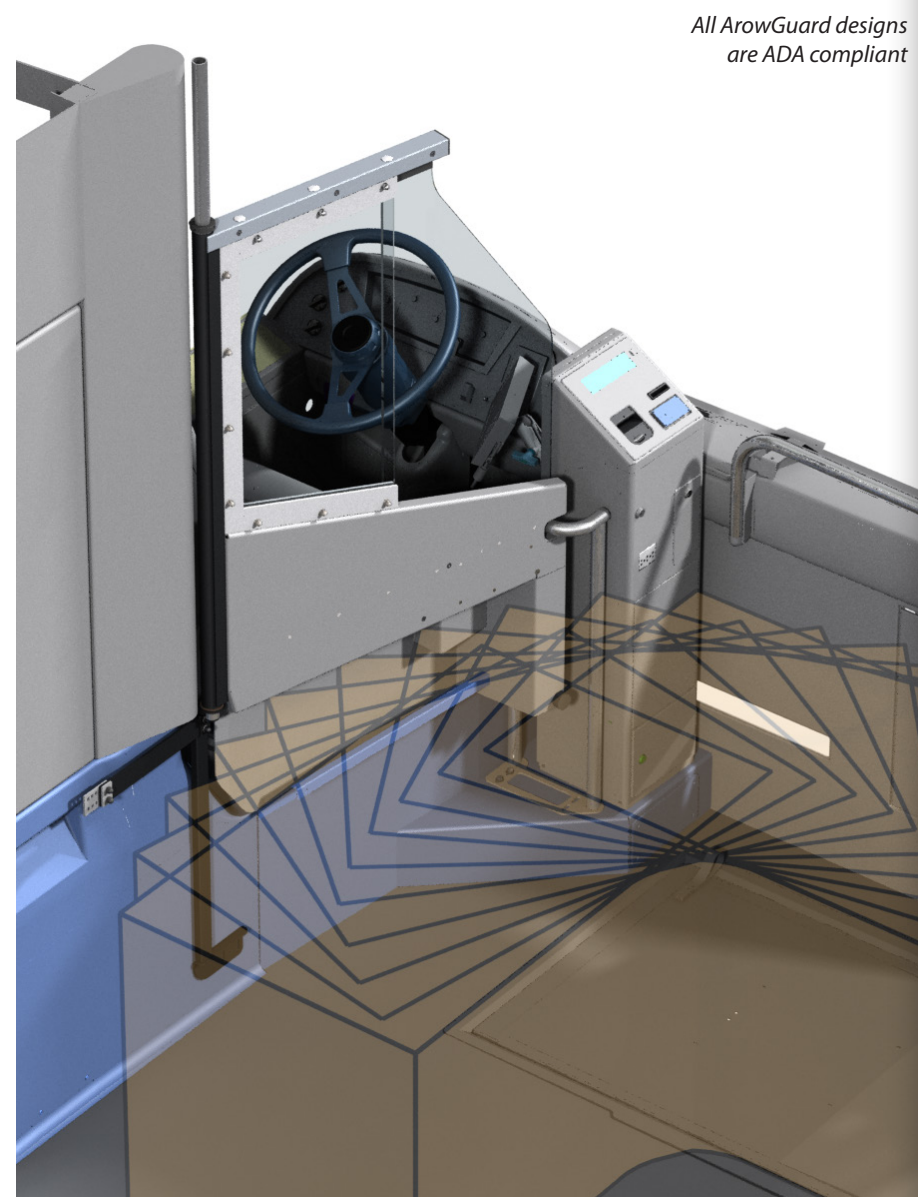
- Allows drivers to select a glass position in the same manner as a driver's window
- Easy to close and protect the driver in the event of an emergency
- Utilizes the time-tested and robust AROW Global rocker latch
- Low-friction track controls slide force and provides long-lasting, reliable operation
- Incorporates new hinge design free of pinch points and rattles
- Front sliding sash available in a standard and extended size



Mounts directly to the bus chassis



View from driver's side



All ArowGuard designs are ADA compliant

HINGE ASSEMBLY

- Matte black finish
- 1 - 3/4 in. diameter pivoting tubular hinge
- Design is free of pinch points
- Uses UHMW bearings to prevent rattling and reduce maintenance requirements
- Mounts directly to bus chassis

GLAZING SYSTEM

- Rear glazing is clamped into aluminum extrusion frame
- Front glazing slides in aluminum extrusion/PVC t-slot track to prevent rocking/rattling
- Front glazing indexes in place with rocker latch operation similar to a driver window
- Standard glazing material: 8mm laminated tempered glass with OptiView™ anti-glare coating

ADA COMPLIANCE

(Box Test)

- Exceeds requirements for passing a 30 in. x 30 in. x 48 in. long box through entry door and aisle way
- Box path is evaluated in CAD for each product configuration

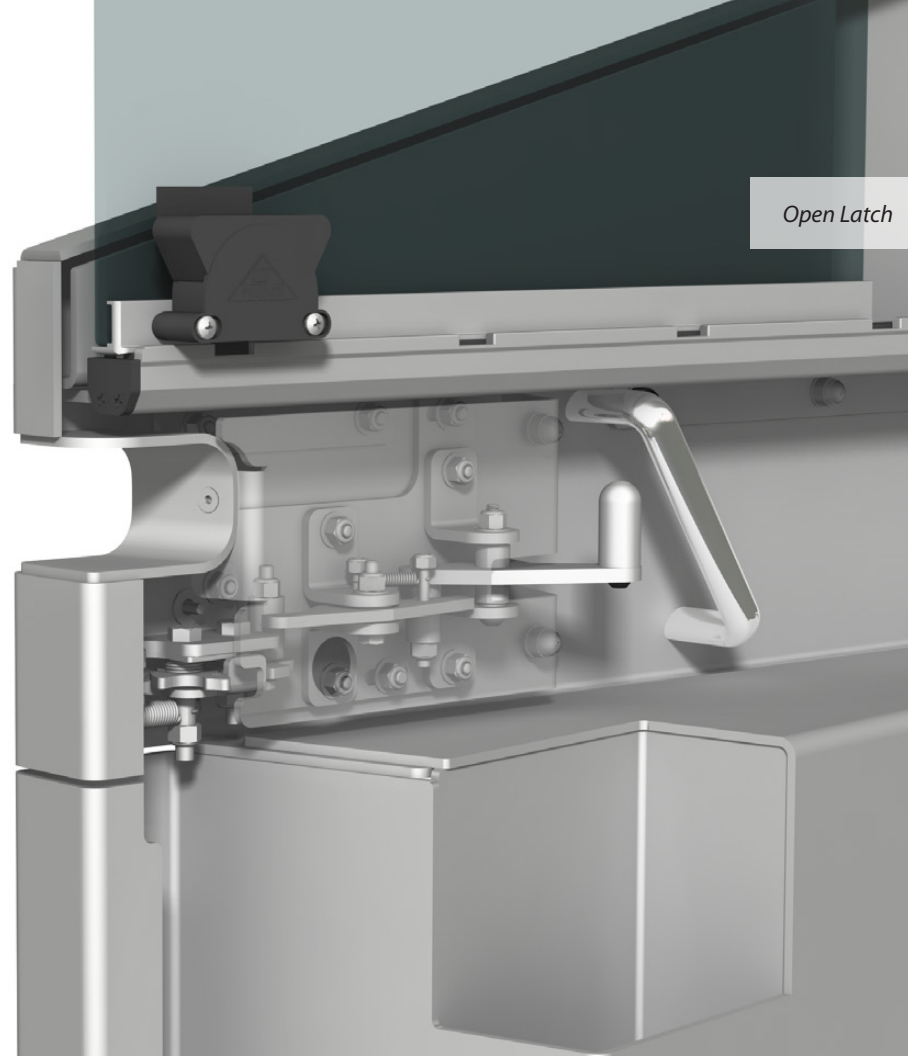
LATCHING MECHANISM

- Heavy duty/low maintenance automotive grade rotary slam latch
- Snag free latch stanchion and striker mount directly to bus chassis
- Self adjusting, low maintenance, vibration dampening mechanism
- Easily serviceable components
- Easy to actuate latch release knob

FEATURES

(Applies to all models)

- Tempered, laminated, anti-glare and anti-spall glass options
- Proprietary Rapid Replacement glazing system permits glass replacement in three minutes or less
- Tubular structural mounting system complements existing stanchion infrastructure and vehicle interior
- Robust welded aluminum lower panel provides lightweight yet durable and long-lasting protection
- Components can be custom painted or polished to complement vehicle interior



AROWGUARD EXPANDED CATALOG



COACH FLEET | MV300

- Formed polycarbonate surround with polished stainless steel framework
- During bus operation, the door is latched to the aisle bulkhead in order to keep passengers behind the white line
- During passenger boarding, the door can be swung closed to protect the driver while seated
- Developed for coach or commuter applications where passenger ingress/egress is limited



FULL FIXED | MV301

- Designed to extend as far forward as possible without obstructing access to the fare box and payment media
- Contoured design increases elbow room in an otherwise narrow driver's compartment
- Provided with contoured glass allowing an unobstructed view of specified items, including the curbside and rearward facing mirror
- During bus operation the door must be latched closed, with the glazing in place (mandatory use)





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