

DiOR

FEATURES AND BENEFITS

Exclusive Power Wheelchair Design

Adapts to any power wheelchair on the market in driver position, front passenger or rear-entry vehicles. Manual wheelchairs may also be used, except in cases where the wheels interfere with the proper occupant belt angles.

30 MPH/20G Crash Testing

Crash tested at 30 mph/20G to create ideal occupant securement lap and shoulder belt angles for docking system.

Easy, Value-Preserving Vehicle Installation

DiOR features easy installation into a conversion van's existing wall-to-wall L-track with no need for additional hole drilling, carpet cutting or other modifications that can reduce the resale value of the vehicle.

Pivoting Arms for Perfect Angles

Hard durometer rubber pivot accommodates the locking clutch assembly and enables DiOR multi-axis arms to pivot forward and inward with occupant, synching up to their hip for perfect angles. Arms can be adjusted up or down by installer for custom fit, and three L-track locations on floor provide front and back movement to oblige different size chairs. Slim profile (less than 1.5") works with variety of applications and wide wheelchairs.

Convenient OEM Belt Attachment

Shoulder belt vehicle attachment mounts directly to OEM attachment point and works in conjunction with OEM shoulder belt.

Belt Adaptability for Open and Closed Armrests

DiOR's multi-attachment lap and shoulder occupant belt works equally well with open and closed

armrest power chairs and features a dangle-resistant loop that organizes excess webbing. (It can even be used with OEM seats when space permits.) The entire occupant belt can be disconnected and removed quickly.

Easy-to-Manage Buckle Ends with Integrated Belt Stiffeners

Female buckles feature belt stiffeners and removable plastic inserts to help keep the lap belt above the occupant's knees for unimpeded drive in/drive out movement. Belt stiffeners allow the occupant to manually bend and hold the buckle in place for optimal securement positioning.

Removable Panel

Maintenance access panel for installation minimizes visible hardware for smoother, cleaner look.



THE QLK-150 FEATURES AND BENEFITS

Extensive Crash Testing

First and only system tested to higher WC/19 wheelchair loads. Also the only system tested forward, rearward and sideways.

Slim & Flexible Dash Control

Compact design has a much larger touch area and features imbedded LED indicators showing system status.

Flush Surface

Eliminates snags and gives users an immediate 3/16" (5mm) of additional bolt clearance.

Tapered Channel

Helps smoothly guide users into place.

Reduced Footprint

Reduces castor interference with shortened design front to back by 1.5" (38mm), retaining original hole pattern.

SMART (ECM)

Newly designed micro-processor controller.

Sleep Function

When user exits docking base, system draws 76.5 micro amps (0.0000765 Amps): About 5 times less than other docking systems.

Low Current Draw

Solenoid release draws between 4.2 - 9.1 amps (versus standard 18 amps).

Reduced Electrical Components

New design only requires a single micro-switch and eliminates thermal switch.

Plug & Play Serviceability

Solenoid and limit switch feature quick connectors.

Screw-Terminal Connectors

Connectors are easily removed for faster wire routing, and eliminates additional crimping and soldering.

Removable Cover

Faster servicing and maintenance.

Over-Torque Protection

Prevents "locking up" if internal hardware is over-torqued during routine maintenance.

Heat Treatment

All components except for base mounts are treated to increase strength, and reduce entry channel warping and sharpening.

Attractive, Eco-friendly Steel Coating

A sleek grey with a pleasing OEM feel, our high grade steel features more eco-friendly coating, to prevent corrosion and reduce the impact on the environment.

Lowest/Highest Clearance

Optional base mounts allow for the docking system to be mounted from 1.5" (38mm) to 4" (100mm)

DiOR

DRIVE-IN OCCUPANT RESTRAINT



For more information on the DiOR system, the QLK docking system, or other industry-leading wheelchair passenger safety solutions, visit our website.

DiOR



www.qstraint.com

MKM4803

DiOR



Auto Mobility Just Got Easier.



In seconds, the innovative DiOR and QLK docking system puts you exactly where you need to be. DiOR's pivoting arms move forward as you enter, providing you with the right lap belt angles that other systems can only approximate. Meanwhile,

your power chair slips into a QLK docking system built to secure you right the first time and give you unwavering peace of mind as you travel.

Call it safety, security, independence or state-of-the-art convenience. We call it DiOR.

Safe Driving And DiOR Go Hand In Hand.

The QLK and DiOR work exclusively together to provide the only complete crash-tested securement solution for drivers, front passengers and rear-entry vehicles.

While DiOR's unique pivoting arms and occupant belt adapt to your chair and body for an unprecedented level of security and comfort, the QLK docking system's single-point design lets you secure your chair to the floor quickly, confidently and independently.

“Enter the only Drive-In Occupant Restraint crash tested for wheelchair docking systems, that works exclusively with the QLK series.”

Working alongside DiOR is the latest advancement in the groundbreaking QLK series. The QLK-150 features a tapered channel that helps guide your wheelchair in for an improved docking experience free of collisions.

Custom floor mounts and a flush surface give you extra clearance to avoid the usual snags, and you'll notice that interference with castors is increasingly rare.

DiOR + QLK-150 = You Without Limits.

QLK + DiOR. It all adds up to a level of personal wheelchair securement that gives you the safety, flexibility and freedom you can depend on each time you're ready to hit the road. It's your life with more limits removed.

Extensively Tested for Your Safety.

Surpassing all previous standards of occupant securement safety, DiOR is the first and only crash tested occupant belt for docking systems.

The QLK-150 is the first wheelchair docking system tested forward, rearward and sideways to assure its maximum effectiveness in every installation. And, it is also the first and only docking system to pass WC/19 loads, the next generation of crash-tested wheelchair designs.



DiOR works exclusively with the QLK series.

One DiOR Belt. Many Ways To Wear It.

Open Armrest Wheelchairs

Passengers of power chairs with open armrests or armrests that swing upward can drive right into the DiOR system. DiOR provides a clear path for the vehicle's lap belt webbing.

Fixed Armrest Wheelchairs

DiOR's lap belt can be disconnected and arms locked forward to accommodate passengers without open armrests. The buckles feature pliable stiffeners to keep within easy reach for feeding the lap belt through the opening in the armrest.

OEM Seats

When original equipment manufacturer seats are reconnected to the vehicle, the lap/shoulder belt functions the same as an OEM setup. Passengers can simply grab the belt and connect it to the aisle-side buckle of the DiOR arm.

OEM Shoulder Belt

Here, the DiOR lap /shoulder belt is easily removed to allow use of the OEM shoulder belt in its place.

Enter DiOR. A Smoother Way to GO.

