

Q'Straint introduced the world's first fully integrated 4-point wheelchair passenger securement system, the industry standard for more than 25 years. Each component is designed, engineered and tested to work as one cohesive system. In the event of a collision or sudden stop, the system isolates the forward forces of the occupant from those of their chair by directing the chair's forces to the vehicle floor.

A complete 4-point system includes:

- 4 wheelchair restraints to secure wheelchair to the vehicle floor
- Occupant securements; lap and shoulder belt that integrate to the rear wheelchair restraints
- Floor anchorages; installed in the vehicle floor
- Installation and operator instructions
- Warranty registration card



## Retractor Systems



The QRT series of retractors are the easiest and fastest-securing 4-point systems available today. These systems allow drivers to secure a wheelchair in less than 15 seconds, while reducing the risk of driver injury and drastically reducing vehicle wait times for transportation operators.



### QRT Max

**The latest innovation in retractor systems.**

The QRT MAX is the latest generation of self-locking and self-tensioning retractable wheelchair securement systems.



### QRT Deluxe

**The retractor that changed the industry.**

The QRT Deluxe was the first self-locking, self-tensioning retractable system and is now the industry standard.



### QRT Standard

**For a budget-conscious retractor solution.**

The QRT Standard is an economical, semi-automatic retractor system to help meet minimum specifications and cost-conscious budgets without sacrificing safety.



## Manual Belt Systems

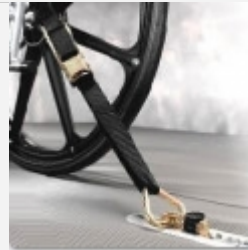
The manual systems are the original 4-point systems which have been tested and used for over 25 years. They use a cam or over-center buckle-design to safely secure wheelchair passengers.



### Q-5000

**The original integrated 4-point system.**

The Q-5000 was the world's first fully integrated manual 4-point wheelchair securement system. It has been successfully used all over the world for over 25 years.



### M-Series

**A budget-conscious solution.**

The M-Series is an economical manual securement system to help meet minimum specifications and cost-conscious budgets without sacrificing safety.



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## Occupant Securements

### Q'Vest

The Q'Vest is a simple, comfortable and easy to use vest to safely secure children in vehicles. It was designed with technical assistance from experts in special needs transportation for children. The Q'Vest is recommended for occupants weighing between 20 - 150 lbs (9-68 kg).

### Features and Benefits

- **Simple Design** - Single, 3 point connection with push button release; no hooks, cams or zippers
- **Complete** - Includes pelvic support strap and arm securements
- **Improves Safety** - Reduces potential head injuries by minimizing passenger's forward head movement
- **Reusable** - Remains on the seat for the next passenger

### Specifications & Details

- **Application:** Used to secure children in school buses
- **Warranty** - 1 Year
- **Testing** - Crash tested to 30mph, 20 g's on standard school bus seat

**Meets or exceeds the following standards and regulations:**

- FMVSS 302, 213

### Occupant Securements



Q8-6326-A1

One retractor for lap/shoulder belt, 1 extension, 2 pin connectors.



Q8-6326-A2

Two retractors for lap/shoulder belt, 1 extension, 2 pin connectors.



Q8-6326-A3

Three retractors: Lap (2) and (1) for the shoulder belt.

## Floor Anchorages - Fixed Locations ("Pockets")



Used with 4-Point Systems, a vehicle with fixed securement has designated wheelchair securement locations equipped with "Pockets" to secure each corner of the wheelchair (red X's). This setup eliminates the guess work and reduces potential for operator error since securement points are fixed.



### Oval L-Pocket

Easy to install, simple to use floor mounted anchorage for L-fittings.



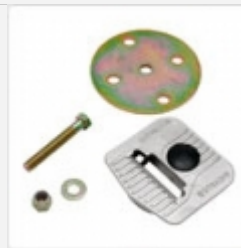
### Slide & Click

The latest innovation in fixed securement "pockets". It offers 360 degree rotation and an easy one-handed operation.



### Covered L-Pocket

Flush mounted floor anchorage for L-fittings, with attached cover.



### Flat Hook Pocket

The original "pocket" floor anchorage for compartmentalized securement locations.



### A-Track Plate

An economical fixed floor anchorage solution for cost-conscious budgets.



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## Floor Anchorages - Flexible Locations ("Track")



Used with 4-Point Systems, a vehicle with flexible securement arrangement is equipped with lengths of track throughout the vehicle, allowing operators to add or remove wheelchair positions and seats to adapt the vehicle to changing passenger needs. This setup provides greater flexibility to accommodate wheelchair and non-wheelchair passengers.



### L-Track

L-Track is the most widely used floor anchorage in the transportation industry due to its flexibility in accommodating various wheelchair positions.

## Accessories



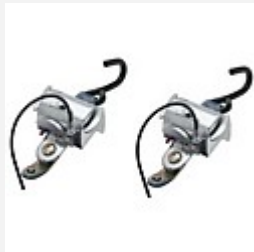
Q04F0013

Manual Cable Release.



Q8-6301-1

One claw for cable release (used on one retractor, retractor to be purchased seperately) 50" cable and claw.



Q8-6301-2

Two claws for cable release handle(used on two retractors, retractor to be purchased seperately) 50" cable and two claws.



Q5-7576

Floor Risers- Pocket to be purchased seperately.



Q8-6324

24" Extension with D-rings/snap hooks-multi lap belt extension. Requires two pcs of extension for a lap belt.



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## Accessories



Q5-6300

Lap cable extension for L track. Fits most OEM female buckles. OEM buckle not included.



Q5-6210/11-ER

Electric retractor.



Q5-7590

Belt cutter; to be used in emergency evacuations.



Q5-8522

Storage pouch for securements. Meets FMVSS 302.



Q5-7550-5

Rubber plug for the Q'Strain floor pocket, Q5-7560-5A.



Q5-7580

Webbing loops may be used with a securement where hooks cannot be fitted onto the wheelchair frame. Meets requirements of SAE J2249 and ISO 10542.



Q5-6409

Neck Protector.



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### Accessories



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Manual Cable Release.



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**Q8-6301-2**  
Two claws for cable release handle(used on two retractors, retractor to be purchased seperately) 50" cable and two claws.



**Q5-7576**  
Floor Risers- Pocket to be purchased seperately.



**Q8-6324**  
24" Extension with D-rings/snap hooks-multi lap belt extension. Requires two pcs of extension for a lap belt.

### Securement Belt Parts



**Q5-6327**  
Postural lap belt with padding for wheelchair or seat. Not a safety belt. Postural belt also available in yellow, Q5-6327-Y.



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