

## Controlled Decelerator

**Indicator Alert**  
Lets you know if you need to replace harness in the event of a crash



**Controlled Deceleration Technology**  
Technology that lessens crash forces on the body

**Shoulder Pads**  
Sleek-modern styling; soft padded vinyl; enhanced comfort

**Commercial Duty Multi-Point Buckle**  
Smaller and lighter for improved comfort; reduced release button stroke for faster, easier egress



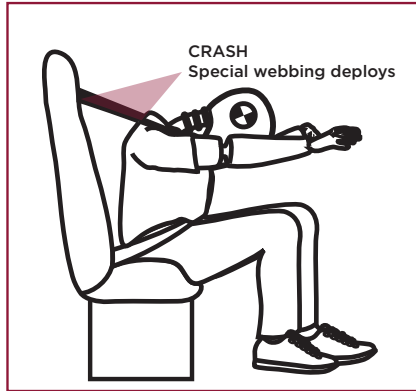
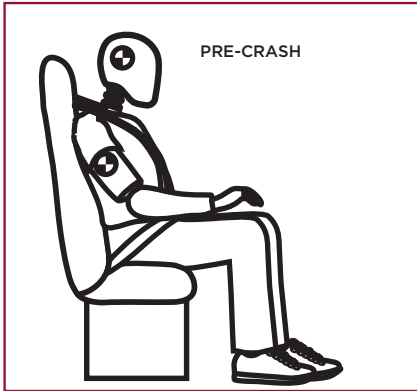
**4 Retractors**  
Smoother extraction/retraction; more automotive feel; enhanced comfort

**Per4Max** allows EMTs to reach where they need to reach and even stand while safely buckled up. Not only is **Per4Max** easy to use, but the controlled deceleration technology absorbs crash energy and slows deceleration which can reduce the chance of a serious injury.



# Controlled Deceleration Technology - How It Works

In the event of a crash, the Controlled Decelerator will deploy to lessen the crash force impact on the human body resulting in better protection of the head, neck and chest. Testing shows significant reduction in injury potential in frontal collisions.



## Testing

The Center for Advanced Product Evaluation (CAPE®), is an award-winning, premier crash test facility. Built big to test big, CAPE specializes in large vehicle testing, including fire apparatus.

Aside from one of the largest barrier blocks in the world, CAPE is also home to a 90-degree rollover impact machine that leading fire apparatus and ambulance manufacturers use to evaluate and validate occupant protection systems in a rollover.



Barrier Block



Rollover Impact



Cab Integrity



Pyrotechnics

## Availability

Per4Max is available on the following quality ambulances

- Horton*
- AEV*
- Wheeled Coach*
- Road Rescue*
- Leader*

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IMMI reminds you to always buckle up.

