

# MODEL 27

Designed to offer postural support and a certain degree of restraint to children and adults on single or split backed double seats, to keep them in an up right sitting position.

Fits most types of vehicle seating including low or high backed

**The Model 27 is used on aircraft seats by many leading airlines.**

The two transverse fixing straps do not interfere with the passenger behind using the drop down trays.

We always advise our clients to seek permission from the airlines to use our harnesses prior to departure.

The harness consists of a full body harness connected to a back pad which is fitted horizontally around the vehicle seat back with two horizontal fixing straps.

**It is not a safety harness & should be worn in conjunction with the vehicle safety belt.**



M.27A - 5 yrs to 8 yrs



M.27 Fixing Straps

This harness is available with a choice of buckle on the waist belt:-

Choose '**Press Release**' buckle for passengers who need postural support.

Choose '**Steel Safety**' buckle for those passengers with challenging behaviour or inquisitive fingers.

**NB. The harness with the Steel Safety buckle includes a Padded Cross Strap free of charge.**

**Available in three sizes & a choice of two buckles:**

	Press Release	Steel Safety
Up to 5 yrs	27I	27ISB
5 yrs to 8 yrs	27A	27ASB
9 yrs to Adult	27B	27BSB



Press Release Buckle



Steel Safety Buckle

## Optional Extra

A Houdini Stop can be fitted to this harness.

This chest strap ensures the passenger stays safely and correctly positioned within their harness.

It simply clips on to each shoulder strap of the harness to help prevent the passenger from separating the shoulder straps in order to escape.

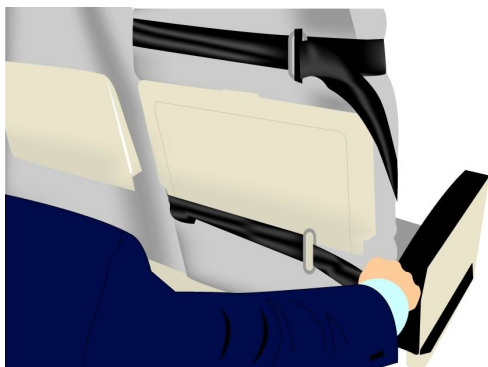


## **Crelling Harnesses For Disabled Ltd.**

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## Model 27 Being fitted to a Monarch Aircraft Seat



Accepted for passengers with special needs by many airlines Including:

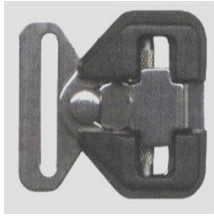


50mm Aluminium Bar Buckle



50mm Sliplok slide

## Model 27 Fitted with the Steel Safety Buckle



This buckle has proven extremely successful when fitted to our harnesses as an alternative to the standard 'quick release' buckle.

It helps prevent those passengers with inquisitive fingers, challenging behaviour or learning difficulties from releasing the harness buckle.



The buckle operates in reverse to the standard vehicle buckles as it is opened by raising a spring loaded lever or over-catch and **will not press release**.

The spring loaded over-catch locks the buckle when assembled and prevents accidental opening.

There is a knurled sliding bar for adjustment designed to prevent webbing slip.

The buckle is made from Type 316 Stainless Steel and Nylon 6 and is assembled with tamper proof screws.

**We recommend that the buckle instructions provided with each harness are displayed in a prominent position in the vehicle - to instruct the user how to release the buckle mechanism in the event of an accident.**

### Emergency Seat Belt Cutter (Optional Extra)

We strongly recommend that a seat belt cutter is kept in the vehicle as a safety precaution.

It is perfectly safe as the blade is encased.



### Houdini Stop

Model 28 fitted with the Steel Safety Buckle comes fitted with a Houdini Stop free of charge.

This chest strap ensures the passenger stays safely and correctly positioned within their harness.

It simply clips on to each shoulder strap of the harness to help prevent the passenger from separating the shoulder straps in order to escape.



**IMPORTANT:** If you are intending to use the Houdini Stop on a child car seat, we would strongly advise that you **check with the car seat manufacturer first to seek their approval** as there can be differences in regulations between EC and other countries.

**( NB: Britax have not approved the use of the Houdini Stop for use with their child car seats )**



# Transport of Special Needs Passengers

Disabled children and adult passengers travelling in vehicles should always wear a safety belt or special restraint during transport. Our range of vehicle harnesses are not designed to replace the safety harness - but work in conjunction with it to offer both safety plus support and in some cases a certain degree of restraint.

- The existing seat belt fitted in the vehicle may not offer sufficient support to the more severely disabled and it may be necessary to provide an extra restraint to hold the passenger in an upright sitting position, in combination with the seat belt.
- Front seat disabled passengers in vehicles, frequently fall sideways out of the diagonal section of the seat belt, especially going around corners or sudden braking. Two vertical static shoulder straps would offer additional support.
- The combination of the existing car safety belt and the added special restraint offers added security and ensures that the disabled passenger will be well protected during transport.
- The law requires all children travelling in cars to use the correct child car seat until they are either 135 cm in height or the age of 12 (whichever they reach first). After this they must use an adult seat belt. If the passenger is under 12 years or 135cm, please refer to our 'Child Seats & Suggested Products' literature to ensure the child is using the correct child seat & to see which of our products can be used.
- Special Needs passengers should never be left unattended whilst using any item in our range. Belts, harnesses or products should only be used whilst under the constant supervision of a parent, carer or guardian.

**IMPORTANT: This harness is not classed as a safety harness, but a low risk medical device. The vehicle safety belt MUST be worn over the top of our harness unless they are exempt for medical reasons. The combination on the existing safety belt & the secondary harness offers added security for the passenger.**



Illustrating one of our harnesses fitted in conjunction with the existing vehicle safety belt.

## BOOSTER CUSHIONS

Booster cushions can be used in conjunction with all our range of vehicle harnesses.

This helps to raise the child to the correct height for wearing the vehicle safety belt.



For current laws and guidelines please visit:

[www.rospa.com](http://www.rospa.com)  
or  
[www.childcarseats.org.uk](http://www.childcarseats.org.uk)