

Model 27 Steel

Designed to offer postural support and a certain degree of restraint to children and adult to keep them in an upright sitting position.

Model 27 will fit:

- Single vehicle seats, including low or high backed
- Split Backed double seats, including low or high backed
- Aircraft seats by many leading Airlines
- Other types of single seating.

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

Model 27 is used on aircraft seats by many leading airlines. The two horizontal straps do not interfere with the passenger behind using the drop down trays.

The waist belt on this harness is fitted with a Press Release buckle for those passengers who won't undo the buckle



Available in three Sizes:

Up to 5 yrs	27I SB
5 yrs to 8 yrs	27A SB
9 yrs to Adult	27B SB

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



M.27A - 5 yrs to 8 yrs



M.27 Fixing Straps



M.27A fitted to an aircraft seat

IMPORTANT:

This harness is not classed as a safety harness.

The vehicle safety belt **MUST** be worn over the top of our harness unless they are exempt for medical reasons.

Crelling Harnesses For Disabled Ltd.

12 Crescent East, Thornton-Cleveleys, Lancashire, FY5 3LJ

Tel: 01253 852298 Fax: 01253 821780 Email: info@crelling.com Website: www.crelling.com

Booster cushions & seats



The **Model 287** harness will fit both **single** and **bench** seats, as long as there is access between the seat cushion & back rest of the vehicle seat to pass the fixing straps vertically around the back rest.

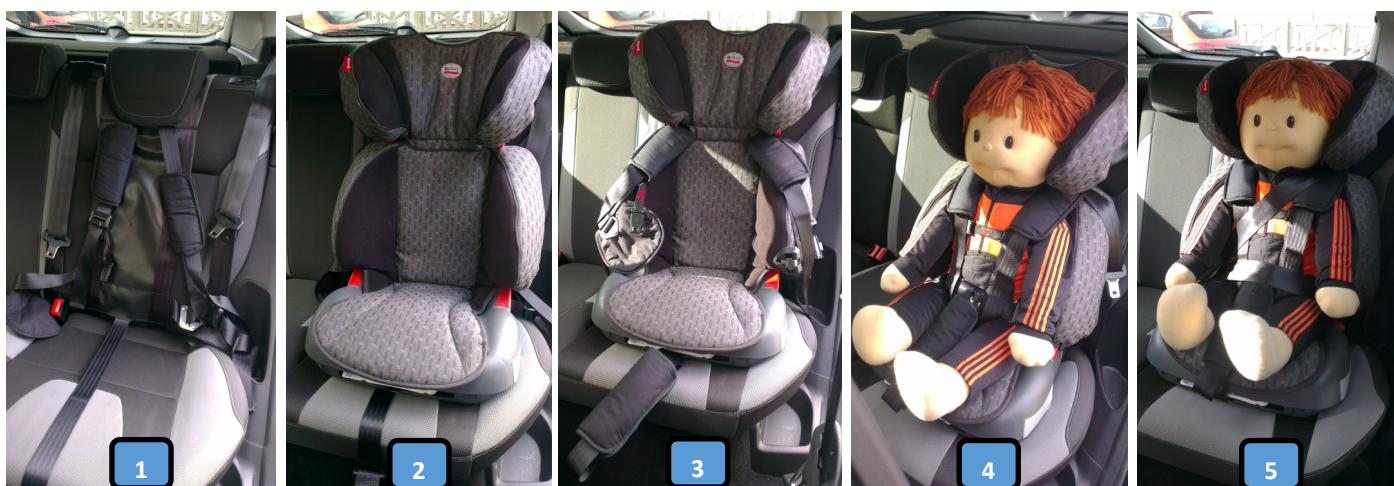
It can also be used with booster seats and on some high backed booster seats with height-adjustable headrests, which extend to grow



Booster Seats

IMPORTANT: Our harnesses must NOT be used with child car seats already fitted with the 5 point harness.

1. Firstly, the model 27 harness is fitted directly onto the vehicle seat.
2. Next, the high backed booster seat is fitted on to the vehicle seat.
3. The shoulder straps and waist belt of the Model 27 are then positioned around the booster seat, the shoulder straps should slot between the shoulder of the booster seat & the head rest.



Note: Please ensure that the high backed booster seat is fitted according to the manufacturer's instructions & the head rest is adjusted correctly. A properly adjusted headrest ensures the optimum distribution of the diagonal belt & provides your child with the desired protection and comfort.

Britax Adventure



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 rea-

Model 27 Fitting Instructions

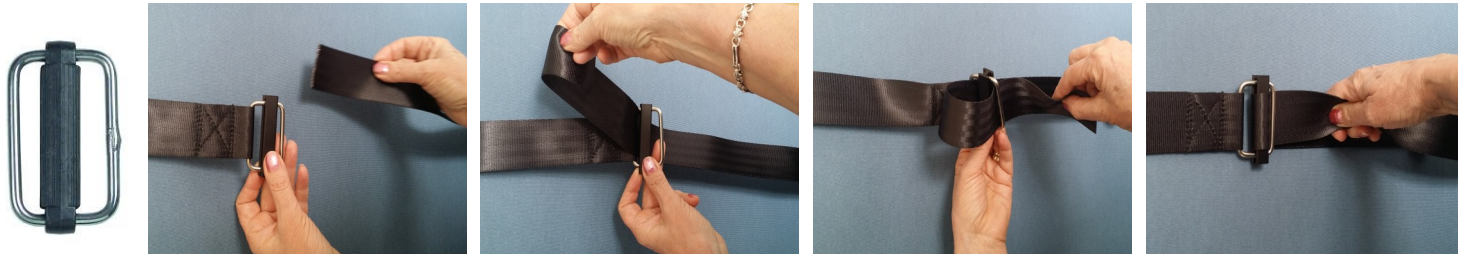
NB. A fitting video can be found on our website - <https://crelling.com/model-27.html>

1. If fitting a brand new harness, remove any Rubber Bands & unfasten the two Horizontal Fixing Straps [a].
2. Place the back pad [g] of the harness against the front of the back rest & pass the two the Horizontal Fixing Straps around the seat back.
3. Feed the tail-ends of the two Horizontal Fixing straps through the Aluminium Bar Buckles (see next page) & pull to tighten around the seat back as securely as possible.
4. Each tail end should then be passed through the Sliplock Slide [c] to prevent the Fixing Straps [a] from loosening during transit.



5. Unfasten the Waist Belt & position the Understrap [f] centrally on the seat cushion
6. If the passenger is under 135cm place a Booster Seat or Cushion on top of the Understrap to comply with child seat safety legislation (See Booster Seat Instructions for further information)
7. Position the Back Pad [g] & Body Harness on the seat so that the waist belt will be in line with the waist when the passenger sits down.
8. The harness is now ready for the passenger to be seated.
9. With the passenger sitting in the most upright position as possible, bring their arms through the shoulder straps [d].
10. Now bring the understrap [f] up between the legs and loop it back onto the waist belt over the buckle [e]
11. Connect the waist belt buckle [e] to fasten the harness. Position the buckle centrally at waist level on the passenger.
Nb. The Waist Belt can move freely through the leatherette Back Pad [g]
12. Adjust all straps to fit tightly yet comfortably by pulling the tail-ends of strapping through the Adjuster Buckles.
13. Ensure that the three Comfort Pads [g] are in position over the Adjuster Buckles on the Shoulder & Under Straps.
14. **Fasten the vehicle safety belt over the top of the Model 27 Harness.**
15. To remove the passenger from the harness - Unfasten the buckle on the waist belt at the centre-front.

50mm Aluminium Bar Buckle



Webbing is threaded through the sliding bar buckle

Sliplock Slide



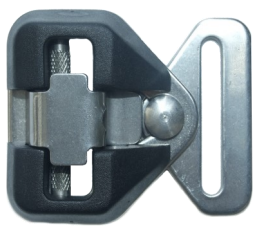
Loose ends of webbing are often passed back through these slides to prevent slippage & to prevent the Fixing Straps from loosening during transit.

Steel Safety Buckle

With a breaking strain of 630 kg, 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.

We recommend that the buckle instructions provided with each harness are displayed in a prominent position in the vehicle - to instruct the carer 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 for those harnesses fitted with a Steel Safety Buckle. A simple but effective device for ensuring the occupants of a car are able to exit quickly and safely, particularly in the overturned car. It is perfectly safe as the blade is encased.

Cat. Ref: SK



Comfort Sleeves

Velcro Comfort Sleeves will be supplied with each harness. These can be fitted around the shoulder Straps & under strap where required.



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Model 27 for Aircraft Use

The **Model 27** vehicle harness has been accepted for use by many airlines.

The two horizontal fixing straps do not interfere with the passenger behind using the drop down tray.

It is a full 5 point harness which provides good postural support & the under strap helps prevent the passenger from sliding down in their seat.

The Model 27 harness is **NOT FAA-approved**. It must be used in conjunction with the existing aircraft safety belt.

Ryanair

Orkney & Aberdeen Airport

Easy Jet

Balearia-Eurolineas Maritimas

British Airways

Air Canada

Virgin Atlantic Airways

Flybe

Excel Airways

Scandinavian Airlines (SAS)

Falcon Airways, Dublin Airport.

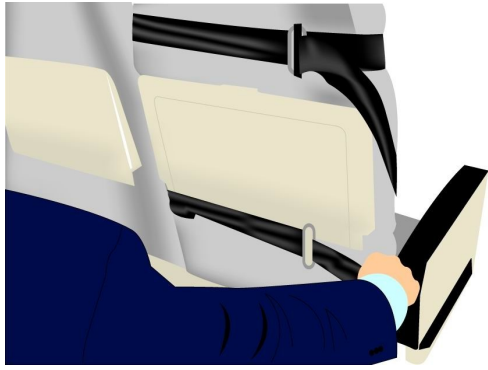
If the Airline is not familiar with our harnesses then they can arrange for us to supply them with a free sample harness that they can have for assessment.

NB. As Model 27 is NOT FAA-approved. We always advise our customers to seek permission from the airline to use our harnesses prior to departure.

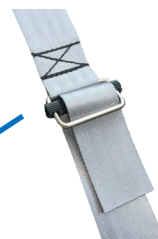
We also recommend that you request permission in writing or get a contact name & telephone number to avoid any problems at the Airport.

It would also be a good idea to try the harness out on a single vehicle seat or dining chair before the flight. This will help you to become more familiar with fitting the harness,

Model 27 Being fitted to a Monarch Aircraft Seat



Accepted for passengers with special needs by many airlines Including:



50mm Bar buckle



50mm Sliplock slide