

Model 27

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

Although this harness was designed for a single vehicle seat, it has been accepted for passenger use on aircraft seats by some airlines as the two horizontal fixing-straps do not interfere with the passenger behind using the drop-down trays.

Available in three sizes:



- ☐ **27I** - 2 to 5 years
- ☐ **27ISB** - 2 to 5 years (steel buckle)



- ☐ **27A** - 5 to 8 years
- ☐ **27ASB** - 5 to 8 years (steel buckle)



- ☐ **27B** - 9 years to Adult
- ☐ **27BSB** - 9 years to Adult (steel buckle)

Press release buckle.



Model 27 can be fitted with the standard press-release vehicle buckle.

Models: 27I, 27A, 27B

Steel Safety buckle.



The Steel Safety buckle for is available for those passengers with inquisitive fingers that can undo the press release buckle.

Models: 27ISB, 27ASB, 27BSB

Velcro Comfort Sleeves. (Included)

Velcro comfort sleeves are supplied with each harness. These can be fitted around the shoulder straps and Under strap where required.



Upgraded Fixing Straps (Also Available)

Now available due to popular demand, we have Upgraded fixing straps which feature 40mm Superstrong Press Release buckles instead of the standard Bar-buckles where speed and ease of fitting is paramount.



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 an overturned car.



Crelling Harnesses For Disabled Ltd.

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Model 27 Fitting Instructions.

1. If fitting a brand new harness, remove any Rubber Bands & unfasten the two Horizontal Fixing Straps.
2. Place the back pad 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 to prevent the Fixing Straps from loosening during transit.
5. Unfasten the Waist Belt & position the Understrap 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 & Body Harness on the seat so that the waist belt will be in line with the waist when the passenger sits down.



50mm Aluminium Bar Buckle



Webbing is threaded through the sliding bar-buckle

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.
10. Now bring the understrap up between the legs and loop it back onto the waist belt over the buckle.
11. Connect the waist belt buckle to fasten the harness. Position the buckle centrally at waist level on the passenger.
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 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.

Sliplock Slide

The loose ends of webbing are often passed back through the sliplock slides to prevent loosening.

- Take the loose end of the strap and bend it back upon itself towards the slide.
- Feed the strap over the first bar of the slide.
- Then Feed it under the next bar.
- Finally, pull the strap tight to lock in place.



40mm Adjuster Buckle

The 40mm Adjuster is spring loaded to lock the webbing into position.

- To tighten the strap: Simply pull the end of the required strap, the adjuster will grip the webbing in place.
- To loosen a strap: The adjuster needs to release its grip, this is achieved by squeezing together the *top (a metal plate covered by the webbing just above top plastic bar on the top of the adjuster) and bottom of the adjuster and held in that position, this will allow you to make the required adjustment.
- When loosening a strap, with the adjuster grip released: Pull the webbing strap that feeds into the back of the adjuster until you have enough slack.



IMPORTANT: This harness is not classed as a safety harness.

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

The combination of the existing safety belt & the secondary harness offers added security for the passenger.

For non UK use: Please ensure you check and are compliant with your own countries regulations / laws for child seat and harness use and we always advise our clients to seek permission from the airlines to use our harness prior to departure!

Booster cushions & Seats.



Graco Junior Maxi R44
Group 2/3 Car Seat.

The **Model 27 harness** can be used with some high backed booster seats with height-adjustable headrests, which extend to grow with the child such as the **Graco Junior Maxi R44 Car seat**. A properly adjusted headrest ensures the optimum distribution of the diagonal belt & provides your child with the desired protection and comfort.

IMPORTANT: Our harnesses must NOT be used with child car seats already fitted with the 5 point harness. Please ensure that the high backed booster seat is fitted according to the manufacturers instructions & the head-rest is adjusted correctly.

Fitting Instructions with Booster cushions & Seats.

1. Firstly, the Model 27 harness is fitted directly onto the vehicle seat. (See instructions on Page 2)
2. Next, the high backed booster seat is fitted on to the vehicle seat according to the manufacturers instructions.
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.
4. Have the child sit on the booster seat & fasten the harness according to the Model 27 fitting instructions.
5. Once the child is securely & comfortably fastened in the harness, fasten the vehicle seat belt over the top of the harness ensuring that it passes through the 'belt guides'.



Note: Please ensure that the high backed booster seat is fitted according to the manufacturers instructions & the head-rest is adjusted correctly to ensure the optimum distribution of the diagonal belt & provides your child with the desired protection and comfort.

IMPORTANT: This harness is not classed as a safety harness.

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

The combination of the existing safety belt & the secondary harness offers added security for the passenger. For non UK use: Please ensure you check and are compliant with your own countries regulations / laws for child seat and harness use.

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. NB. Some airlines will not allow passengers with certain disabilities to travel without our model 27 harness.



Always wear the aircraft safety belt over the top of the Model 27 harness.

Accepted by many major airlines including:



Airline policies may change.
Always obtain confirmation from your airline before travel.



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, which will hopefully help save time when fitting it to the aircraft.

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