

Model 22

Designed to offer a certain degree of postural support and restraint to the passenger.
This harness is ideal for passengers who will remain seated for the majority of their time in transit, but occasionally attempt to move around the vehicle without the use of a harness.

Also ideal for passengers who require quick fitting and removal as they are not fond of carers being in their personal space.

Available in three sizes:



☐ **22D** - Up to 6yrs



☐ **22C** - 7 yrs to Adult



☐ **22K** - Fixing strap Only

Key Features

- This harness has a separate body harness & fixing-strap
- The body harness is fitted to the passenger before entering the vehicle.
- It is suitable for single & bench-seats.
- Additional fixings-straps can be purchased for passengers travelling in more than one vehicle.

Please be aware that to fit the harness access is required between the back rest and seat cushion to fasten the fixing straps vertically around the backrest!

Steel Safety Buckle

The Steel Safety Buckle has been developed as an alternative to conventional quick-release buckles for passengers who may intentionally or unintentionally release their harness. 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. The 40mm buckle has a Breaking Strain of 630 kg.



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.

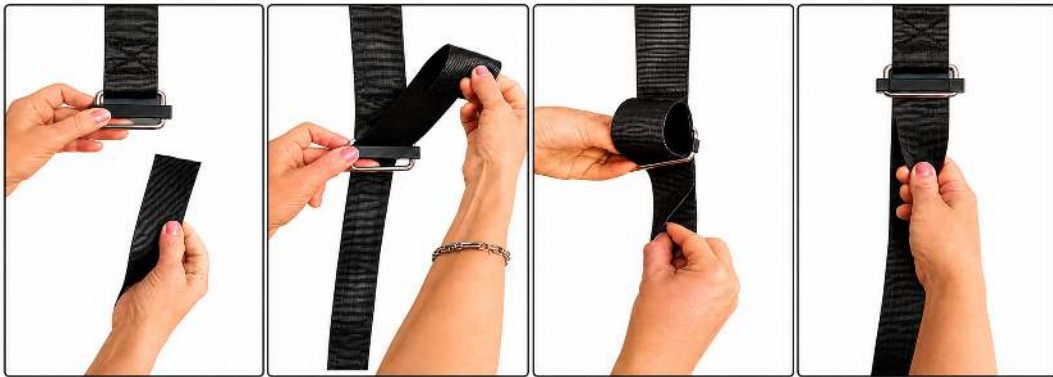
Crelling Harnesses For Disabled Ltd.

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Model 22 Fitting Instructions.

1. Place the vertical fixing strap in front of the backrest with the narrower (38mm) crotch strap lying in position on the seat.
2. Push the tail end of the (50mm) fixing strap through the 'gap' where the backrest meets the seat cushion - working from front to back.
3. Thread the tail end of the fixing strap up through the bar buckle behind the backrest & tighten. The loose end must then be passed through the 3-bar Sliplock slide to prevent slippage.
4. The Steel Safety buckle must always be positioned as far down behind the backrest as possible so it is out of the passenger's reach and nowhere near the back of their head.
5. The body harness is fitted to the passenger BEFORE entering the vehicle.
6. Extend the shoulder straps so the buckle will be positioned away from the passenger's head when seated.
7. Sit the passenger directly on top of the under strap. If using a booster cushion the crotch strap can be positioned either under or on top of the booster cushion as preferred. When using the harness with a child car seat, fit the fixing strap to the vehicle seat first. The child car seat is then fitted as per manufacturer's instructions. The crotch strap should be lying centrally underneath the child seat.
8. With the passenger seated, connect the Steel Safety buckle halves together at the top of the shoulder straps. Adjust the shoulder straps so the buckle is positioned away from the passenger's head.
9. Bring the crotch strap up between the legs and connect it to the other half of the steel safety buckle on the chest pad.
10. Tighten all straps to be secure but comfortable.

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.

IMPORTANT: This harness is not suitable for those passengers who 'rock' severely.
Harnesses fitted with two fixing-straps offer much more stability, especially those with vertical fixing-straps such as Model 31

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.



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.



Booster cushions & Seats.



Graco Junior Maxi R44
Group 2/3 Car Seat.

The **Model 22 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.

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