

Model 19

Designed to offer postural support and a certain degree of restraint to children and adults on single or split backed double seats. It fits well on 'rotating' & 'swivelling-sliding' seats & is suitable for some wheelchairs.

The standard harness consists of waist belt & shoulder straps & a vertical stabiliser strap to help prevent the harness from sliding up the seat.

Available in two sizes:



☐ **19A** - 9 yrs to adult
(Standard Buckle)



☐ **19ASB** - 9 yrs to Adult
(Steel Safety Buckle)



☐ **RCS19** - Chair
Retainer Strap



☐ **19C** - Spare Under strap



Press release buckle.



Model 19 can be fitted with the standard press-release vehicle buckle. **Model: 19A**

Steel Safety buckle.



The Steel Safety buckle for is available for those passengers with inquisitive fingers that can undo the press release buckle. **Models: 19ASB**

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.



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 19 Fitting Instructions.

1. The inner chair strap is used to secure the harness to the backrest and so prevent the harness from falling out the seat each time it is used. This strap should be fitted around the backrest at the patient's waist level. Fasten the Duraflex Side Squeeze buckle and secure to the backrest by pulling the slack webbing through the buckle until tight.
2. The stabiliser strap is to help prevent the harness from riding up the backrest when the harness is in use and any strain is put on the shoulder straps. Its "tail-end" is pushed through the gap between the backrest and the seat cushion. It is then pulled up to fasten through the metal buckle which is attached to the bottom of the PVC back sleeve. NB. If this is not adequate enough to stop the harness from "riding up" when in use - we would recommend that an understrap is used.
3. Rest the shoulder straps over the top of the backrest at each side ready for the passenger to get into.
4. With the occupant seated in the chair, pass their arms through the shoulder straps bringing each strap to rest over the shoulders.
5. If a groin strap is to be worn it should now be brought up between the occupant's thighs to loop over the waist belt buckle at centre-front. (See Model 19 understrap/crotch strap leaflet for illustrated fitting instructions).
6. Fasten the waist belt and tighten to fit around their waist by pulling the slack webbing through the buckle.
7. Now adjust all straps to fit tightly yet comfortably.

Sliplock Slide



Loose ends of webbing are often passed back through these slides to prevent slippage.

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.



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 it's 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.



Booster cushions & Seats.



Graco Junior Maxi R44
Group 2/3 Car Seat.

The Model 19 harness can be used on some high backed booster seats with height-adjustable headrests, which extend to grow with the child such as the Britax Adventure.

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.

Chair Retainer Strap. (Optional Extra)

Some seats may be narrow at the top and the shoulder straps may tend to slip off. Fitting a retaining chair strap horizontally around the seat back. **Model: RCS 19**

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. **Model: SKBRANDED**

