

# Model 28 Steel

Designed to offer postural support and a certain degree of restraint to children and adults

The Model 28 fits most types of vehicle seating including **single, bench seats** & some child **booster seats**.



## ONE SIZE ONLY

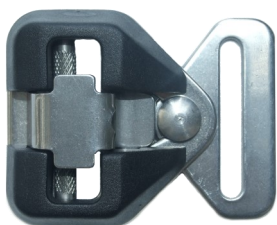
### 4 Years to Adult (Approx. 15 Kg Upwards)

This harness will accommodate :-

- Young children using **some** High Backed Booster Seats  
e.g. Britax Adventure - see below)
- Children using Booster Cushions
- Passengers above 135cm who are able to sit directly on the vehicle seat.



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



The waist belt on this harness is fitted with a Steel Safety buckle for those passengers with inquisitive fingers that can undo the press release buckle.



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



We strongly recommend that a seat belt cutter is kept in the vehicle when the harness is fitted with A Steel Safety Buckle.

## Booster cushions & seats



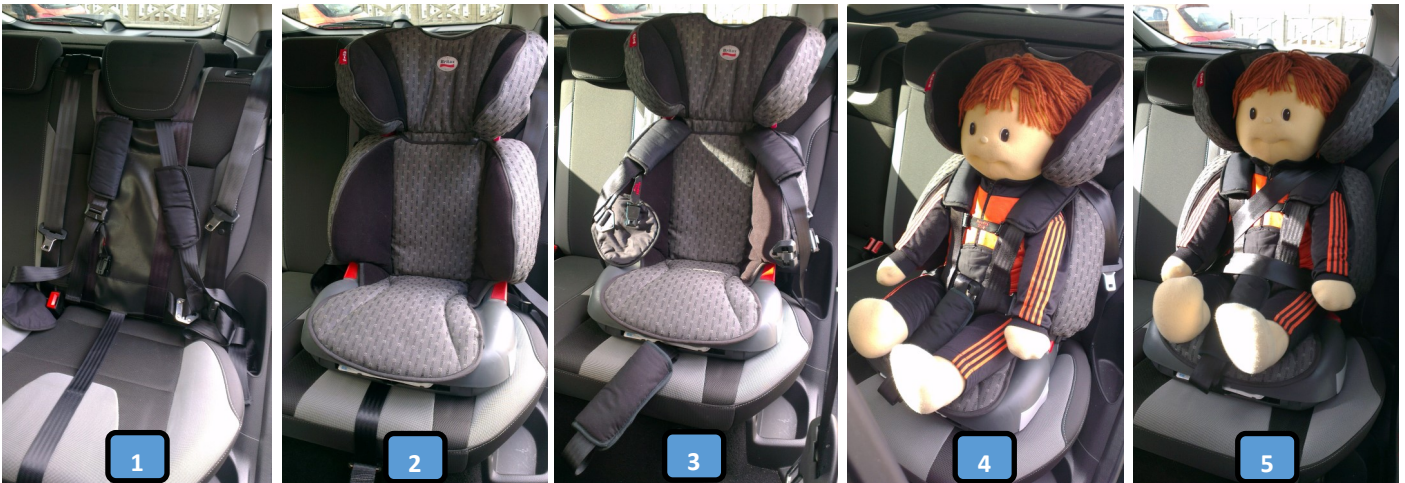
The **Model 28** harness will fit both **single** and **bench** seats, as long as there is access between the seat cushion & back rest of the vehicle seat to pass the fixing straps vertically around the back rest. It can also be used with booster seats and on some high backed booster seats with height-adjustable headrests, which extend to grow with the child such as the **Britax Adventure**.



## Booster Seats

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

1. Firstly, the model 28 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 28 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 28 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 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 reasons. The combination of the existing safety belt & the secondary harness offers added security for the passenger

## Model 28 Fitting Instructions

1. If fitting a brand new harness, remove any Rubber Bands & unfasten the two Vertical Fixing Straps [a].
2. Holding the two Aluminium Bar Buckles [b] (attached to the upper section of the Vertical Fixing Straps) place the back pad of the harness against the front of the seat back & place the Fixing Straps up & over the seat back.



3. Pass the tail-ends of the two lower sections of Vertical Fixing Straps [a] (on either side of the understrap [f]), down through the gap
4. Now feed the tail-ends of the Fixing straps up through the Aluminium Bar Buckles (see diagram on next page) & pull down to tighten around the seat back as securely as possible.
5. Each tail end should then be passed through the Sliplock Slide [c] to prevent the Fixing Straps from loosening during transit.
6. Position the Understrap [f] centrally on the seat cushion
7. 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 back of Instructions for further information)
8. 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.
9. With the harness unfastened at the waist belt sit the passenger on the understrap / child seat 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
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 (See below)
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 28 Harness.
15. To remove the passenger from the harness - Unfasten the buckle on the waist belt at the centre-front.

### 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. To loosen squeeze the top and bottom of the adjuster together strap and make the required adjustment.



Squeeze Adjuster to release webbing



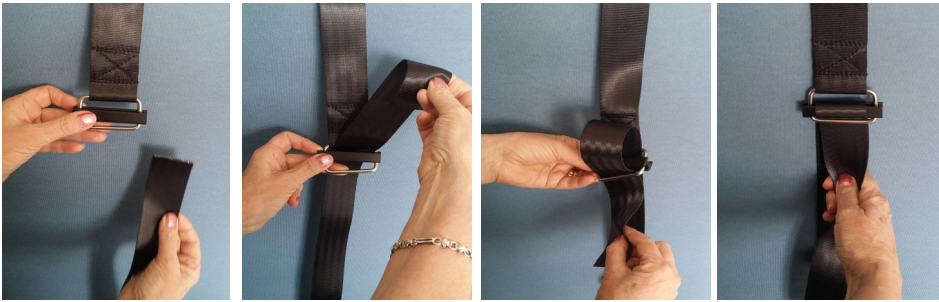
Tightening Straps



Loosening Straps



## 50mm Aluminium Bar Buckle



Webbing is threaded through the sliding bar-buckle

## Sliplock Slide



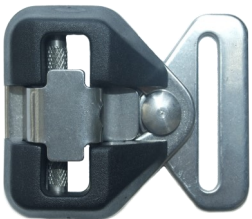
Loose ends of webbing are often passed back through these slides to prevent slippage

## 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. The 40mm buckle has a Breaking Strain of 630 kg.



## 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.

