



Total Safety Guaranteed!

Welcome to a brand new catalogue from Reflex Safety Systems, the UK's leading manufacturer and distributor of passenger safety equipment.

Established nearly 40 years ago, Reflex offers all the equipment you need to ensure the total safety of your passengers from seat belts and wheelchair restraints to a wide range of safety related products such as child seats, fire extinguishers, first aid kits, safety hammers and high visibility clothing.

Each and every product has been carefully designed with the needs of vehicle operators, occupational therapists, people with special needs and their carers. But the products contained in this catalogue are only half the story. We also develop one-off products and solutions to meet individual needs. So, if you can't find exactly what you are looking for, just ask.

New, easy to use catalogue

Our new catalogue has been designed with easy of use in mind and it covers many new areas of passenger safety. With this loose leaf format, as new products become available we will keep you updated. Should you have any comments or suggestions for improvements, please let us know.

Fireflex Hand Held Fire **Extinguishers**





Seat Belts Harnesses **Passive Restraints Replacement Parts**

Wheel Chair **Restraint Systems Stair Lift Restraints**



First Aid Kits Emergency Hammers Seat Belt Cutters **Road Side Emergency Kits High Visibility Jackets**

Child and Special Needs Safety









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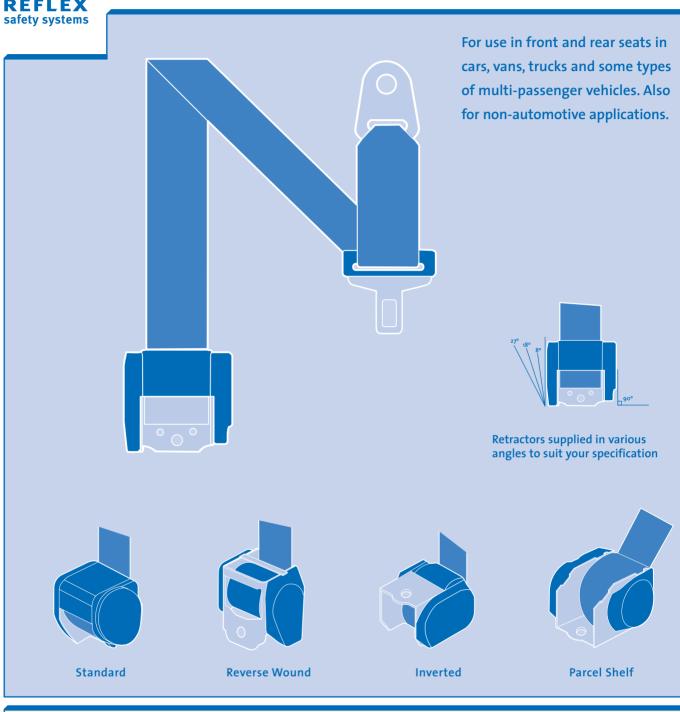
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BUCKLE TYPE OPTIONS

Cable

For further options please refer to page 1.12

Webbing

Blade

3 POINT AUTOMATIC BELT

1.1

REFLEX safety systems

ANCHOR PLATE OPTIONS

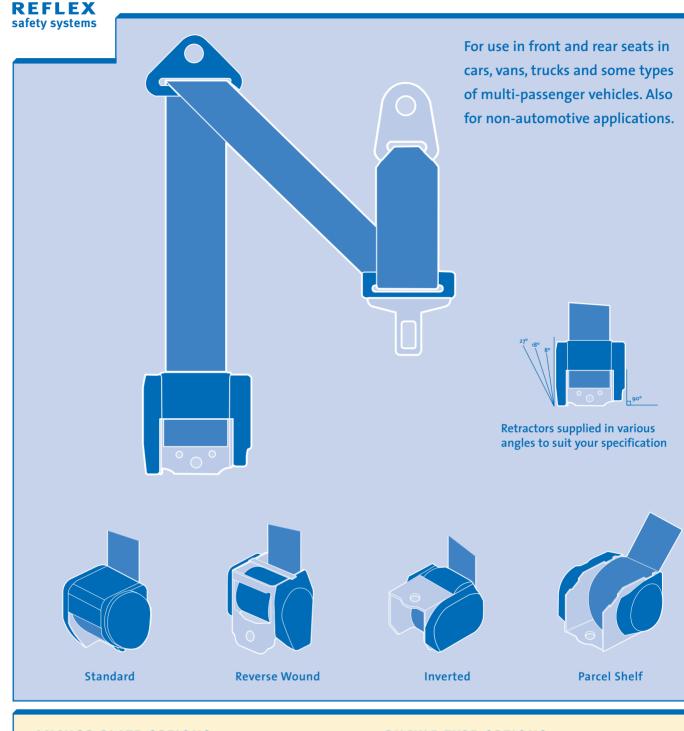
15° swivel Flat swivel

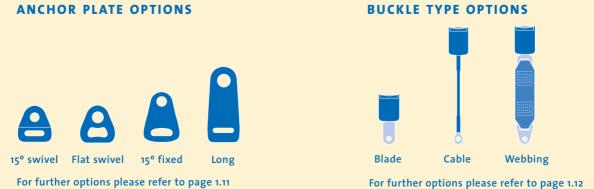
15° fixed

For further options please refer to page 1.11

Long

4 POINT AUTOMATIC BELT WITH TOP LOOP

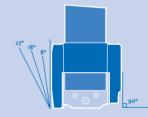






TYPE 3 GENIUS BUS BELT

Conceived by us some 14 years ago, the Genius Belt gives full inertia reel comfort together with adjustment for shoulder height making it suitable for children through to adults. The Type 3 Genius Bus Belt has the same features as the Type 4 belt, but has been designed to be fitted to seats without any upper anchor point. Available as standard or tailor made.

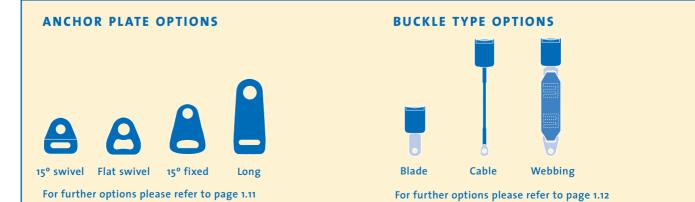


Retractors supplied in various angles to suit your specification





Reverse Wound



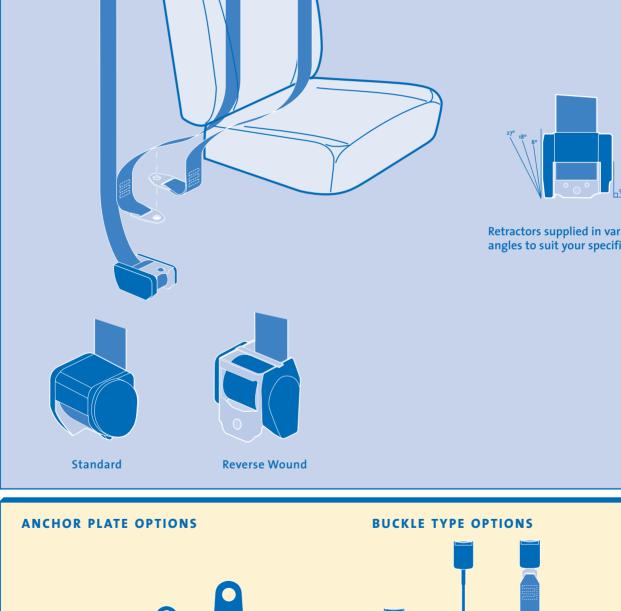
TYPE 4 GENIUS BUS BELT

The Type 4 Genius Belt is designed for seats with a top anchor point. As with all our seat belts it is available as standard design or tailor made.

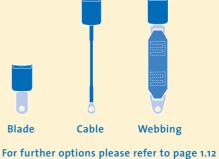


Retractors supplied in various angles to suit your specification



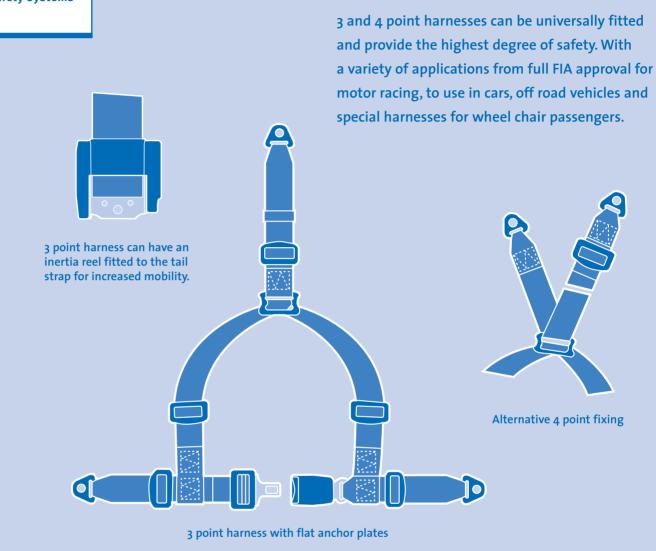


15° swivel Flat swivel 15° fixed Long For further options please refer to page 1.11



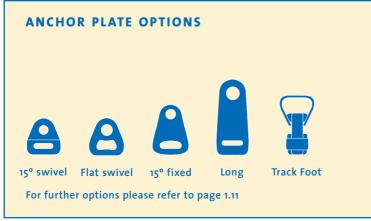
REFLEX safety systems

ADULT 3 & 4 POINT HARNESS STATIC AND AUTOMATIC



Harnesses can be manufactured to suit your particular application with a variety of lengths, anchor plates and buckles.

Further information on harnesses and wheel chair restraints see section 2.





GENIUS BELT WITH BODY BRACE SYSTEM

The Genius Body Brace System is available as a single or twin system. They can be used in the normal way as with any inertia reel seat belt, but for elderly or special needs passengers who need extra upper body support, the Body Brace System comes into its own. When the seat belt is pulled all the way out a ratchet mechanism is activated. This means that once the passenger is wearing the seat belt it is locked, no more webbing can be extracted from the reel until the seat belt has been fully retracted, thus giving upper body support similar to that of a full harness.

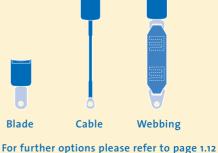
Also available as a twin system to give a diagonal seat belt across both shoulders.

The Body Brace System provides superior upper body support for the elderly and special needs passengers.





BUCKLE TYPE OPTIONS





STATIC LAP STRAPS

Lap straps are probably the most versatile seat belt/restraint. They can be made to suit your requirements with a virtually unlimited range of lengths for the lap belt and a vast array of buckle types and anchor plates. They can be made to suit most applications.

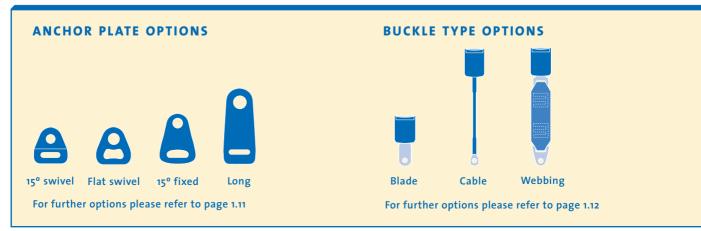


Standard static lap strap with flat anchor plates and fixed length webbing buckle.



Static lap strap with 90° anchor plates with adjustor built into webbing buckle allowing both ends to be adjusted to suit your application.

These are just two of the lap belts available. Lap belts can be manufactured to suit many applications, we also have available all steel buckles.



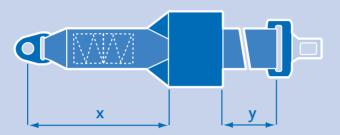


AUTO LAP RETRACTORS

Auto Lap Retractors (ALR's) have many applications. Suitable for cars, minibuses and coaches as well as forklift trucks, amusement park rides and stair lifts they have many industrial applications.

TYPE A

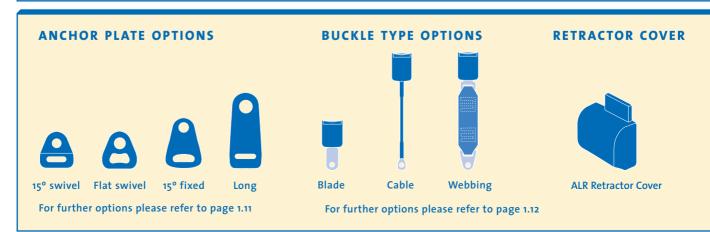
TYPE B



ALR's are available in two basic formats as shown above. Type A with a webbing tail and Type B with a rigid blade fitting. The webbing tail (x) is available from 120mm upwards to suit your requirements. The standard belt length (y) for both Type A and B retractors is 1 metre, though specials can be made longer if required.

Reel Type	Length (x)	Length (y)	Buckle Type	Buckle Length
A	From 120mm	1000mm	Webbing Blade Cable	For buckle options please refer to page 1.12
В	2 5 m m	1000mm	Webbing Blade Cable	For buckle options please refer to page 1.12

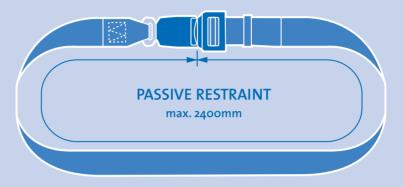
As with all our belts ALR's can be tailored to suit your requirements.





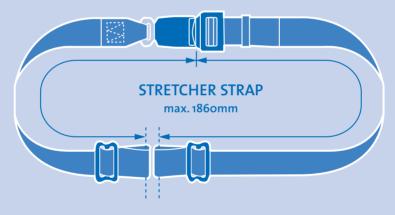
MISCELLANEOUS RESTRAINING STRAPS

Simple to use simple to fit they can be tailored to suit your specific requirements.



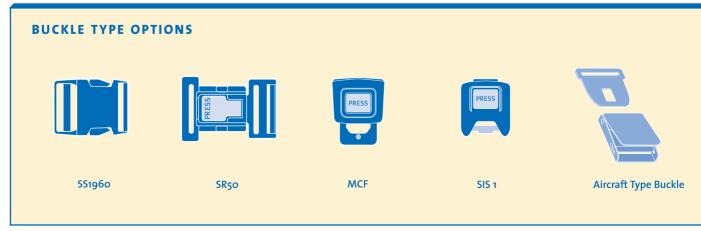
MRS 021 CONTINUOUS STRAP

For use with stretchers, spinal boards, wheel chairs etc, with push button release, fully adjustable. Can be supplied with lightweight plastic buckles.



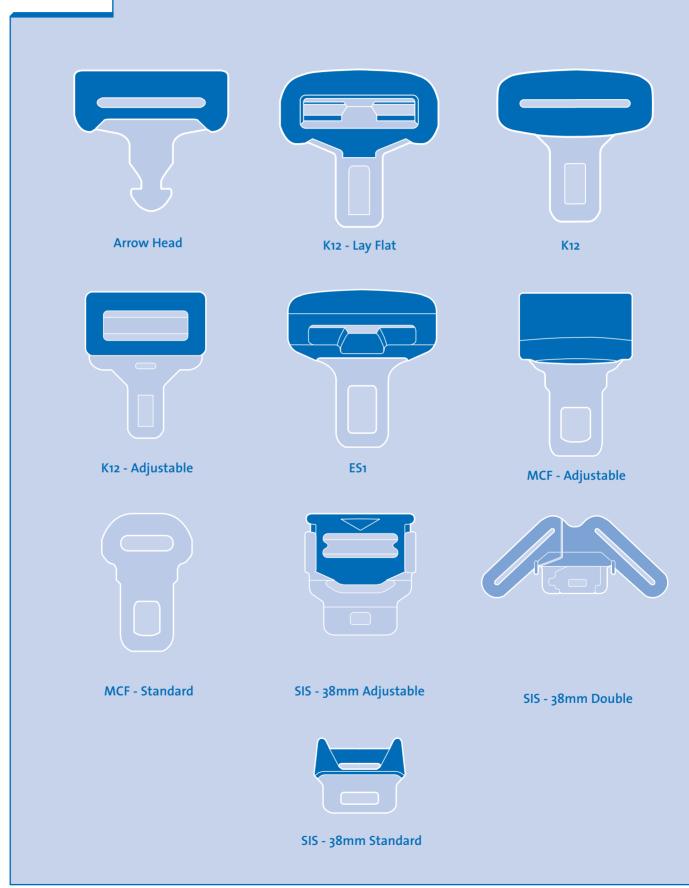
MRS 022 STRETCHER STRAP

Designed to attach to stretcher poles, fully adjustable, both ends. Can be supplied with lightweight plastic buckles.

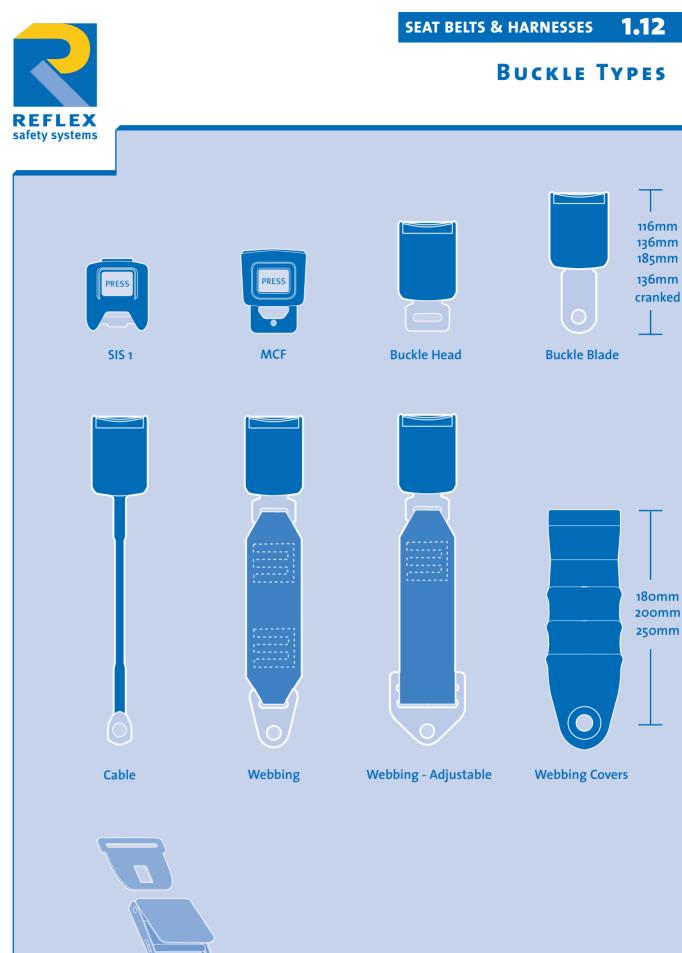








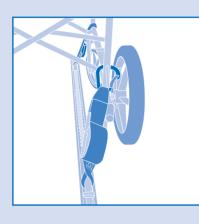




Aircraft Type Buckle



CHOOSING A WHEELCHAIR RESTRAINT



4 Point Webbing Wheelchair Restraints

Simple but very effective way of restraining wheelchairs, both manual and powered. Consisting of four tie down straps in total, 2 of fixed length for front fitting and 2 adjustable straps for the rear fitting, with easy to use over centre buckles to allow tensioning of the whole system ensuring the chair is securely tied down. Designs available for both removable track fitting or permanent bolt down fitting.

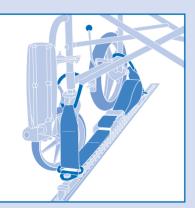
Available in Standard (up to 90kgs) or Heavy Duty (up to 130kgs)

Part No WCT002 or Heavy Duty WCT/HD 002

A four point system with buckle and tongue fittings for the front and karabiner fittings for the rear.

Part No WCToo1

A four point system with buckle and tongue fittings for both the front and rear mounting points



Short Reach 4 Point Tie Down System Part No WCT003

Designed to fit within the length of the wheelchair. Taking up less room than the conventional method when space is at a premium, with the possibility of getting more chairs into a vehicle or allowing for better access for seated passengers than previously possible. This is an unconventional system that is easy to use.

Unoccupied Wheelchair Tie Down

Part No WCToo5

Designed to restrain an un-occupied wheelchair either open or folded away. A simple pull to tighten / press to release cam buckle operation combined with two track fittings, make it quick and easy to use.

We offer a design to fit service where an existing product will not suit individual requirements for a passenger or their wheelchair.



WHEELCHAIR PASSENGER RESTRAINTS



Combined 4 Point Wheelchair and Passenger Restraint

Part No WCTPRoo4

This combined passenger and wheelchair restraint system, means simply fitting one set of fittings into the tracking, taking up less time and space, than independent systems.

Dual Inertia Reel Seat Belt

Part No WCPRoo1

Designed for ease of use and comfort to the occupant the dual inertia reel provides a lap and diagonal seat belt for the wheelchair passenger





WHEELCHAIR PASSENGER RESTRAINTS

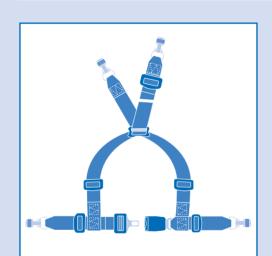
For passengers with poor upper body control we offer either a **Dual Inertia System** with a Body-Brace Retractor or 2 and 4 point full body harnesses.

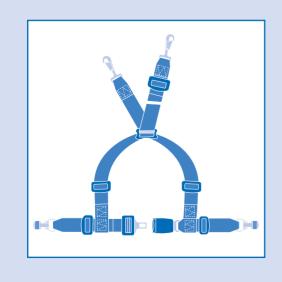


Dual Inertia with Body-Brace Single System Part No WCPR003 Twin System Part No WCPR004

This is ideal for operators who do not know who they may be carrying. It can work in the same way as the standard Dual Inertia or if required you can extend the seat belt webbing past a set point, once this has been done the webbing can be set to fit the occupant, it will then lock allowing no forward body movement. This is available as a single or twin restraint system.

The single system gives a lap and diagonal belt in the same way as the Dual Inertia system. The twin offers a full harness, utilising two sets of Inertia Reel body-Brace units.





Full harnesses give superb upper body restraint with full adjustment to both lap and shoulder straps.

4 Point Full Body Harness

Part No WCPRoo5

This is a four point adult wheelchair passenger harness with 4 track fitting point.

Part No WCPRJoo5

A junior version of the WCPRoo5 adult harness. Manufactured using 38mm webbing, buckles and adjusters. Suitable for children from 4 to approx 13 years of age.

2 Point Full Body Harness

Part No WCPRoo6

Basically the same adult harness as the 4 point but only utilises two track fittings.

Part No WCPRJoo6

A junior version of the WCPRoo6 adult harness. Manufactured using 38mm webbing, buckles and adjusters. Suitable for children from 4 to approx 13 years of age.

CHILD RESTRAINTS



CHOOSING A CHILD SEAT

To assist you in selecting the correct child seat, our range is divided into several categories or groups by the weight range for which they are suitable. These groups correspond broadly to approximate age groups, but remember that it is the weight of the child which is the critical factor in choosing a suitable child car seat. We do not recommend that you use a forward-facing seat until a child is above the minimum weight (9kg) and able to sit unaided.

Group o



Up to 10kg (22lbs) A rearward-facing seat which can be used in the front or rear of the car.

Never use a rearward facing infant carrier or child seat on a passenger seat fitted with an airbag.



Group o+

Up to 13kg (29lbs) A rearward-facing seat which can be used in the front or rear of the car.

Never use a rearward facing infant carrier or child seat on a passenger seat fitted with an airbag.



Group 1

9 - 18kg (20 - 40lbs) A forward-facing seat which can be used in the front or rear of the car. Generally these have a choice of upright and reclined positions.

The groups listed correspond to the weight ranges in European Standard applying to child car seats.

WHEN GROUPS OVERLAP - Some overlap between Groups/weight-ranges does occur. As car seats are designed with versatility in mind, you will notice that certain of our child seats are approved in two groups or more.

Just remember the child's weight is the determining factor in selecting the right seat.

Group 2



15 - 25kg (33 - 55lbs) A forward-facing seat or booster which can be used in the front or rear of the car. The booster seat lifts the child and positions adult lap and diagonal seat-belt correctly.

N.B. A booster seat lifts the child, allowing the use of adult lap and diagonal seat-belts. Some may have shoulder-belt quides for added comfort. Group 3



3.1

22 - 36kg (48 - 79lbs) A forward-facing seat or booster which can be used in the front or rear of the car.

With over 34 years experience in child restraints for all modes of transport we will find the right solution for your seating requirements.

Please call our child seat hotline; 020 8204 0200 for further information and expert advice.



SPECIAL NEEDS CHILD SEATS 1

Junior Traveller Group 1 and 2

An extremely versatile car seat offering comfort and security for the child from 9kg to 25kg with special needs. Easily installed using a lap and diagonal seat belt. Removable foam pads and rolls under the cover give support where required.

Traveller Plus Group 2 and 3

An extremely adaptable car seat offering comfort and security for children from 15kg to 36kg with special needs. Easily installed using a lap and diagonal seat belt. A wide range of optional accessories is available to suit each child.

Various accessories to aid support are available for these seats

Please call our child seat hotline; 020 8204 0200 for further information and expert advice.



SPECIAL NEEDS CHILD SEATS 2

3.3



Ideal for a young child with poor upper body support.

This seat is fully adjustable and suitable for children aged approximately 9 months to 12 years (9 - 36kg). It is variable in height, width and seat length,



A seat suitable for children from 8 months to 7 years of age (9 - 25kg) and for use on front or rear seats with adult 3 point seat belts.

* Available as standard without harnesses.

Please call our child seat hotline; 020 8204 0200 for further information and expert advice.

SPECIAL NEEDS

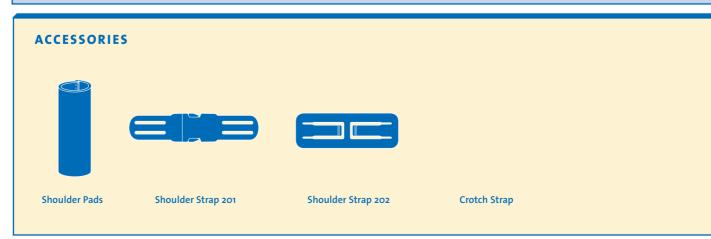


Hyperactive Restraints

This harness has been designed for hyperactive passengers, being one piece with no buckle at the front. They have a release mechanism each side. Harness is available detachable or permanently fitted.



Please call our hotline; 020 8204 0200 for further information and expert advice.

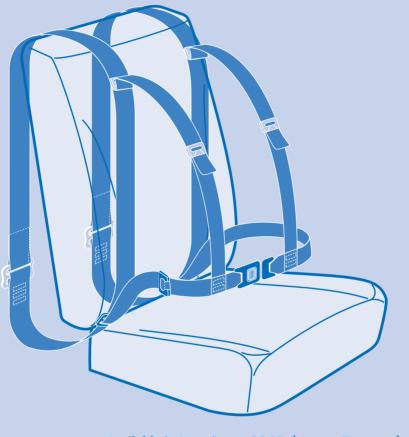


SPECIAL NEEDS



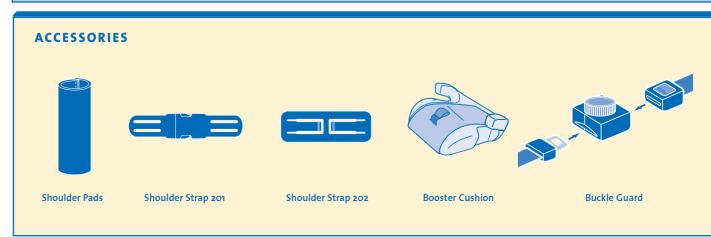
CHILDRENS RESTRAINTS

This harness has been designed for ease of use and is available as removable or a permanent fitting. A crotch strap is available as an optional extra with or without a booster cushion. Ideal for children and adults that require superior upper body support and restraint.



Available in two sizes: SQQR (Age 4 - Teenage) SQQRA (Adult)

Please call our hotline; 020 8204 0200 for further information and expert advice.



Inertia House, Lowther Road, Stanmore, Middlesex HA7 1EP Telephone: 020 8204 0200 Fax: 020 8204 1100 Email enq@reflexsafety.co.uk www.reflexsafety.co.uk

Crotch Strap (optional)



HAND HELD FIRE EXTINGUISHERS

All manufactured and tested to BSEN₃ the current standard by which hand held fire extinguishers must meet.



2 Litre AFFF Code FEX001

Replaces the commonly used 0.9 litre units that no longer meet with British and European standards. Use only on 12 and 24 volt systems, or non electrical applications.

Rating: 5A 55B



2kg ABC Powder Code FEX002

Not recommended for PCV (passenger carrying vehicles), but can be used on service/maintenance vehicles and many other applications including electrical systems.

Rating: 8A 55B C



1kg ABC Powder Code FEX003

Not recommended for PCV (passenger carrying vehicles), but can be used on service/maintenance vehicles and many other applications including electrical systems.

Rating: 5A 34B C



Fire Extinguisher Protective Case Code FEX101

Plastic weatherproof container suitable for fire extinguishers up to 2kg or 2 litre. Can be fitted into position or used as a carrying case.

FIRST AID KITS



CHOOSING A FIRST AID KIT

All come in durable plastic case with hinged lid and carry handle. Contents suitable for dealing with minor incidents. Every mini bus must have one, required by law under the Road Traffic Act 1986.



Economy PCV Kit Code FAK001 Complies with C&U regulations 1986.

Standard PCV Kit Code FAK002 Complies with C&U regulations 1986.

Comes complete with mounting bracket.

Premier Kits

Designed to be functional and useable by someone with little or no first aid training. Conforming with C&U regulations 1986 and containing additional items as listed for each kit.



Premier Kit 1 Code FAK003

- 1 Para Medic Shears
- 1 Survival Blanket
- 1 Vent Aid
- 7 Re-sealable Plastic Bags 10 Antiseptic Wipes
- 2 No. 16 Eye dressings
- 2 Bandages w.o.w
- (2.5cm x 5m)
- 2 Triangular Bandages
- Whistle
 Pairs Latex Gloves
 Roll of Plaster Strip
 Antiseptic Wipes
 Assorted Plasters
 CPR Advice Card
 Pair of Tweezers
 No. 8 Wound Dressing
- 1 Bandage w.o.w
- (7.5cm x 5m)
- 3 No. 1 Bp Ambulance Dressing
- 1 Penlight Torch
- 12 Assorted Safety pins





Premier Kit 2 Code FAK004

30 Sterile Adhesive Plasters
2 Sterile Triangular Bandages
3 Large Sterile Dressings
10 Moist Wipes
1 Conforming Bandage

Resuscitation Kit

Code RSCoo1

2 Sterile Eye Pads12 Safety Pins3 Pairs of Latex Gloves1 Vehicle Sticker1 Tuff Cut Scissors

In an emergency time is of the essence. This kit includes the necessary equipment for the safe administration of CPR.

- 2 Antiseptic Wipes1 Emergency Foil Blanket2 Pairs of Latex Gloves
- Mask Resuscitator
 Plastic Apron
 First Aid Guidance Leaflet

BODY SPILL KITS



BODY FLUID DISPOSAL KITS

5.2

Available in 2, 6 and 12 application kits. Contains and deodorises fluid spills whilst effectively cleaning and disinfecting the soiled area. Reduces the risk of crossinfection. Each kit contains soak up granules, cleaning liquid, rubber gloves, moist wipes, a scoop and aprons according to the number of applications for the kit.



2 Application Kit Code BFD001

6 Application Kit Code BFD002

12 Application Kit Code BFD003



Biohazard Kit Code BFD004

This is a 2 application kit as per BFDoo1 and comes complete with a wall or vehicle mounting bracket.



Clean Up Kit Code BFD005

Contains rubber gloves, moist wipes a scoop and an apron, for a single application.



EMERGENCY KITS

DRIVER EMERGENCY PACKS



The standard kit includes a disposable camera to capture the scene of an accident, as well as a handy torch and disposable gloves. Enabling you to deal effectively with punctures, breakdowns, accidents, first aid and insurance claims. Housed in a nylon bag with velcro closure.

Standard Kit

1 Disposable Overall 1 Emergency Foil Blanket 1 Basic First Aid Kit

1 Vent Aid Mouth to Mouth Tube1 Snap Light1 Whistle2 Pairs of Dis1 Disposable Torch10 Moist Wig

2 Pairs of Disposable Gloves
 10 Moist Wipes

Standard Kit with Hi-Vis Waist Coat. Code DEPoo1a

PCV Kit

Code DEPoo2

- 1 Disposable Overall 1 Emergency Foil Blanket
- 1 PCV First Aid Kit
- 1 Vent Aid Mouth to Mouth Tube1 Snap Light1 Whistle2 Pairs of Dis1 Disposable Torch10 Moist Wig

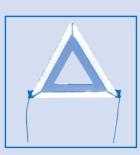
Snap Light
 Pairs of Disposable Gloves
 Moist Wipes

PCV Kit with Hi-Vis Waist Coat. Code DEPoo2a

HTA Spec Kit

- Code DEPoo3
- 1 Disposable Overall
- 1 Emergency Foil Blanket
- 1 Single Use Clean Up Kit
- 1 Seat Belt Cutter
- 1 Safety Hammer / Cutter 1 Whistle
- Disposable Torch
 Snap Light
 Pairs of Disposable Gloves
 Moist Wipes
 Hi-Visibility Waistcoat to
 EN471 Class 2

Drivers emergency packs can be tailored to meet with your requirements, for minimum quantity orders of 50 plus.



Emergency Warning Triangle Code EMT101

Complies with EU regulations

HIGH VISIBILITY CLOTHING





Hi-Vis Waistcoat Code HVW001

EN471 Class 2 Hi-Vis waistcoat in breathable warp knitted polyester. Single body band and braces.



Hi-Vis Waistcoat Code HVW002 EN471 Class 2 Hi-Vis waistcoat in breathable warp knitted polyester. Double body bands and braces.



Hi-Vis Jacket Code HVJ001 EN471 Class 3 Hi-Vis jacket in breathable warp knitted polyester. Double arm bands, double body bands and braces.



Hi-Vis Anorak Code HVA001

EN471 Class 3 Hi-Vis anorak. 4oz quilt with fixed 2oz lining, heavy duty 2 way zip with studded storm flap, storm cuffs and concealed hood. 2 external pockets with storm flaps and an internal chest pocket.



Hi-Vis Trousers

EN471 Class 1 Hi-Vis waterproof over trousers in PU coated polyester. Double bands on each leg. Used in conjunction with Class 2 or Class 3 garments

Class Guide: Class 2: Minimum requirement Class 3: for use on motorways and for roadside use (for road speeds under 50mph). other high speed roads (over 50mph).

* This is a simplistic guide, for more information refer to EN471.



SEAT BELT CUTTERS AND SAFETY HAMMERS

An essential piece of equipment designed for rescue, freeing passengers from safety restraints when the release mechanism is out of reach, or to enable escape routes through windows. We stock a range of cutters and hammers combined with cutters to suit your budget.



Guardian Hammer/Cutter Code HCT001



Life Hammer/Cutter Code HCT002



Martor Slavex Hammer/Cutter Code HCT003



Martor Ruck Hammer/Cutter Code HCT004



Martor SOS Cutter Code HCT005