

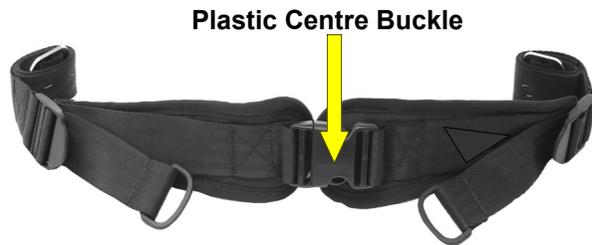
## **USER / CARER INFORMATION PLEASE READ PRIOR TO USE.**

- Straps or Harnesses should be the last item to be released or removed before the User leaves the wheelchair and the first things to be secured after entering.
- The Pelvic Belt length may require adjustment periodically, to allow for User growth, changes to User's disability or changes in seasonal clothing. Adjustments to belt or strap lengths can be made at the main buckles, with further adjustment available at the Tri-slot mounting plates, located at each anchored end of the Belt.

### **PRODUCT CLEANING**

All Pelvic Belts with **Plastic Centre Buckles** are Machine Washable.

#### **MACHINE WASHABLE 60°C**



**Plastic Centre Buckle**

**HAND WASH ONLY**



Pelvic Belts with **Metal Centre Buckles** **MUST NOT** be Machine Washed, as water ingress to the Buckle mechanism could cause premature rusting and subsequent mal-function at a later date. They may however, be Hand Washed with **CAUTION**, ensuring water does not enter the Metal Centre Buckle area.



**Metal Centre Buckle**

Water ingress to the metal buckle can be avoided by holding the Belt by the buckle in one hand whilst lightly sponging with warm soapy water, with a little disinfectant added, with the other hand.

**NOTE:** Both types of Belts may also be cleaned using car type upholstery cleaner. Avoid fluid ingress, by holding or covering the Metal Buckles whilst cleaning. Ensure the Belt is completely dry before returning to service.

*To ensure this device remains safe, and reliable throughout its period of service, we recommend it be inspected for wear, damage and security of components at 3 monthly intervals.*

*(For heavier Users the period between inspections should be reduced accordingly). Any worn or damaged Belts should be replaced as soon as possible.*



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## **Pelvic Belt Range**

Fitting and User Instructions

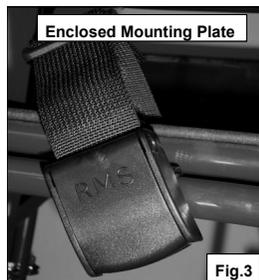
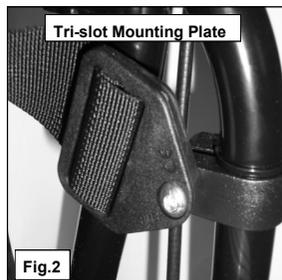


- The Batch Number and Installation date of this product should be recorded after fitting
- All Pelvic Belts are designed for postural positioning and individual security only, not as a method of restraint.
- **UNDER NO CIRCUMSTANCES** should this Pelvic Belt be used as the sole method of securing the User in a wheelchair, during transportation in a motor vehicle.
- It is recommended that this Pelvic Belt be installed by a suitably qualified person, giving the necessary consideration to positioning, direction of pull, strap routing and correct adjustment.

## FITTING

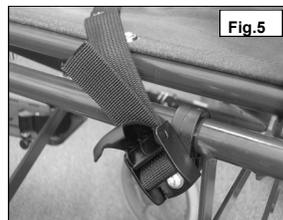
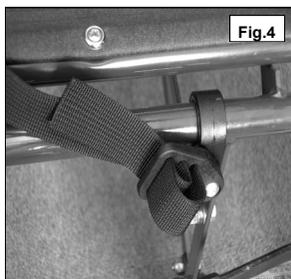
**Pelvic Belts are supplied with optional methods of attachment to a wheelchair.**

- Initially, the installer will need to establish the most suitable positions for the Pelvic Belt to be attached, according to the User's disability, type of Pelvic Belt and type of wheelchair. It is recommended that this is carried out with the User seated in the wheelchair and the Pelvic Belt laid around the User in the intended position.
- The Pelvic Belt should be attached either by utilising suitable existing frame screws, or by use of the Universal Mounting Clamps, **MC123** included with this kit (see Fig1). These clamps enable the Pelvic Belt to be attached to round frame tubes of 19, 22 or 25mm diameter without drilling. Where the preference is to use suitable existing frame screws, the User should be removed from wheelchair before slackening or removing any screws, (Minimum screw dia. 5mm).



- To attach the Pelvic Belt using the frame clamps **MC123** (Fig.1), install the clamps, together with any appropriate size spacer shim, onto the frame tubes in the most suitable position to create a 45° directional line over the pelvis (see Diagrams overleaf). NOTE: ensure the locating lugs on any spacer shims engage into the slots in the Clamp. **MC123** Clamps are suitable for use with both Tri-slot and Cam Lock Mounting Plates.

- When using the **Tri-slot Mounting Plate** method of attachment, Figs.2 & 4, install a Tri-Plate onto each free end of the Belt by threading the end of the webbing through the slots as shown in Fig.4. (Do Not adjust at this stage). Insert the clamping screws through the Tri-slot Mounting Plates (from the side marked CE, and is recessed to take the screw head) and screw into the M6 captive nut in each Clamp. Tighten in line with the direction of pull. Screws should be tightened sufficient to prevent any movement of the Clamps, although this may allow the Tri-Plates to revolve around the screws, with some resistance.



Adjust belt lengths as required and pull webbing tight against Tri-Plates.

- When using the enclosed **Cam Lock Mounting Plate** method of attachment, Figs.3 & 5, install a Mounting Plate onto each free end of the Belt by raising the Cam Buckle cover, threading the end of the webbing through the Cam Buckle side of the Mounting Plate, around the bridging bar, then back through Cam Buckle as Fig.5. (Do Not adjust at this stage). With the Cam Buckle cover raised,

insert clamping screw, with washer through each Cam Lock Mounting Plate and screw into the M6 captive nut in each Clamp. Tighten in line with the direction of pull. Tighten screws sufficient to prevent any movement of the Clamps, although this may allow the Cam Lock Mounting to revolve around the screws, with some resistance. Adjust belt lengths as required and close Cam Lock Mounting cover to secure.

## USER POSITIONING



- Belt positioned above the Pelvis against soft tissue area of Lower Abdomen.
- The Hips are forward in the seat giving a reclined posture.
- The Belt will not generally stop the person slipping down in the seat.
- Incorrect position can be caused by:- The occupant being unable to attain a 90° sitting position. The occupant slipping down in the seat due to inappropriate fitting / adjustment or the belt being held away from the occupant by a part of the seat system (e.g. belt over top of armrests or over hip / thoracic supports).



- Occupant in, or near, 90° sitting position.

- Posture / safety belt fixed near to corner of seat base, with a snug fit over the Pelvis at 45°.

## ADJUSTMENTS

- As the positioning and tension of a Pelvic Belt is extremely important to achieve its intended purpose, care should be taken to ensure that all straps are attached with the correct direction of pull, appropriately adjusted with any Comfort Pads suitably positioned.
- Incorrect tension, i.e. too tight, can result in unnecessary discomfort or distress to the User, whereas too loose, can allow the belt to roll upwards or downwards thus not achieving its intended purpose. This could also allow the buckle release catch to come into contact with a more rigid piece of clothing, i.e. a large button or belt buckle, which in turn could inadvertently operate the release catch on the Belt. Should the User show continued signs of discomfort or distress due to the Pelvic Belt a suitably qualified person should be consulted immediately.
- For **"Single Pull"** type belts, adjustment is made after connecting the main buckle, by pulling the strap fitted with a "D" ring to the side of the main buckle, outwards away from the centre.



- With **"Dual Pull"** type belts, adjustment is made, after connecting the main buckle, by equally pulling, the "D" ring straps located at either side of the main buckle, outwards away from the centre.

- For **"Rear Pull"** type belts, adjustment is made after connecting the main buckle, by pulling the "D" ring straps located towards the rear of the Comfort Pads, in a forward direction, thus creating a rearward pull on the Pelvic Belt.



- Due to the nature of the use of this style of belt, the **"Twin Lock"** has no length adjustment available at the Main Buckle. Any adjustments to the belt length, can be made at each fixed end of the belt via the Tri-slot mounting plates.

**NOTE:** The Pelvic Belt length may require adjustment periodically to allow for User growth, changes in the User's disability or changes in seasonal clothing. Adjustments to the belt length can be made at the main buckle, with further adjustment available at each fixed end of the Belt via the Tri-slot mounting plates or the Cam Lock mounting plates.