

USER / CARER GUIDELINES



IMPORTANT NOTES

- A correctly adjusted Pelvic Belt **MUST** always be used in conjunction with a Body Harness. Incorrect tension of either Pelvic Belt, or Harness, i.e. too tight, can result in unnecessary discomfort or distress to the User, whereas too loose, can allow the belt webbing to roll upwards or downwards thus not achieving its intended purpose. This could also allow a buckle release catch to come into contact with a more rigid piece of clothing, i.e. a large button or personal belt buckle, which in turn could inadvertently operate the release catch on a Belt or Harness.
- Should the carer / attendant consider the User shows continued signs of discomfort or distress with a Belt or Harness fitted, a suitably qualified person should be consulted immediately.
- 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.
- When re-attaching Belts or Harnesses after cleaning, ensure they are completely dry and that they are routed clear of any moving parts. Re-adjust if required.
- Pelvic Belts and Harnesses may require adjustment periodically to allow for user growth, changes in clothing or in their disability requirements. Adjustments to Belt or Strap lengths are normally made at the Mounting Plates, with further tension adjustments available if required, at the Buckles.

To ensure this Harness remains safe, serviceable and reliable throughout its period of use, we recommend it be inspected for wear, damage and security of components at 3 monthly intervals. (For very heavy users the period between inspections should be reduced accordingly). Any worn or damaged components should be replaced as soon as possible with original equipment parts, which are available from Millbrook Healthcare Ltd.

PRODUCT CLEANING

All Harnesses supplied with **Plastic Buckles** are **MACHINE WASHABLE**

MACHINE WASHABLE at 60°C



Harnesses may also be cleaned by lightly sponging with warm soapy water with a little disinfectant added, or by using car upholstery cleaner, either should be thoroughly wiped dry with a clean absorbent cloth. Ensure all Webbing and Padding is completely dry before returning to service. **NOTE:** Pelvic Belts should be cleaned according to the instructions supplied with those products.



Ortho Europe Ltd, Ability House, Nuffield Way, Abingdon, Oxfordshire OX14 1RL.

www.ortho-europe.com



SEATMATCH®

Body Harness Range

Fitting and User Instructions



STERNUM



SHOULDER



DYNAMIC

FITTING GUIDELINES

NOTE: Please record the Batch Number of this product from the packaging, together with the date of installation.



IMPORTANT INFORMATION

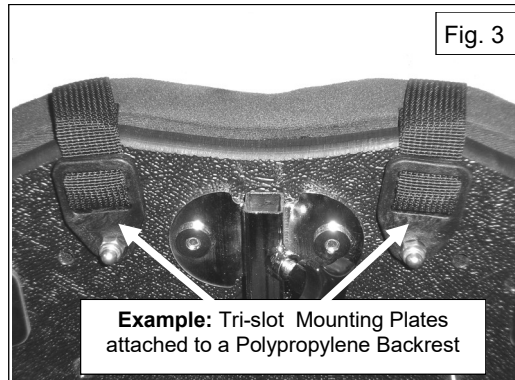
- This Body Harness **MUST** always be used in conjunction with a correctly adjusted Pelvic Belt.
- All Harnesses and Pelvic Belts are designed for postural positioning and individual security only, not as a method of restraint.
- **UNDER NO CIRCUMSTANCES** should this Harness be used as the sole method of securing the User in their wheelchair, during transportation in a motor vehicle.
- It is recommended that this Harness be fitted and adjusted by a suitably qualified person.

FITTING

- Establish suitable positions for the Harness straps to be attached, by placing the Harness around the seated User in their wheelchair.
- The Harness is supplied with a Kit containing two optional methods of attaching the straps to suitable mounting points.
To use the **Tri-slot Mounting Plate** option, these should be installed onto the webbing straps as in Fig.5.
With the **Cam-Lock Mounting Plate** option, these should be installed onto the webbing straps as in Fig.6.

UPPER MOUNTING STRAPS

- The upper Harness Straps can be attached to a hard type backrest constructed from ABS, Polypropylene or Plywood, see Fig.3. Or where the backrest frame has a cross connecting bracing bar, the upper Straps may be attached to this by the use of Tri-glides.
- On wheelchairs fitted with a canvas backrest, it may be necessary to fit a suitable Harness mounting frame kit (Please refer to the manufacturers fitting instructions for this device).



LOWER HARNESS STRAPS

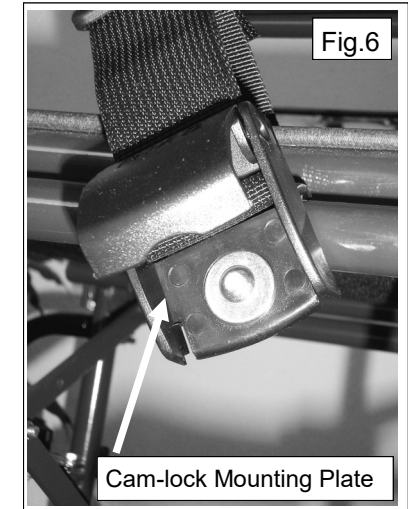
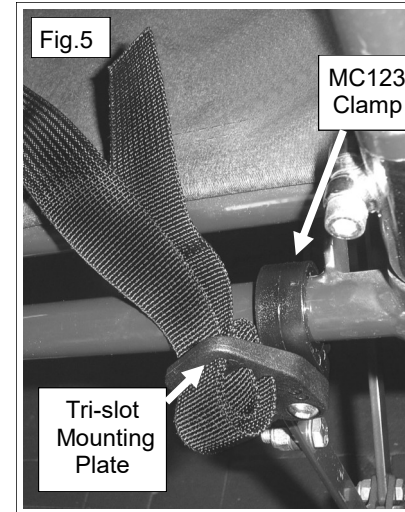
- Attachment of the Lower Straps can normally be made to the wheelchair frame, by means of the Universal Mounting Clamps (Part Number MC123 Fig.4 which are suitable for round tube frames of 19, 22 or 25mm Diameter). These Clamps then provide a mounting position that can be used in conjunction with either Tri-slot Mounting Plates Fig.5, or Cam-Lock Mounting Plates Fig.6, both types being enclosed with this Harness Kit.
- To attach the frame clamps MC123 (Fig.4), install the clamps, together with any appropriate size spacer shim, onto the frame tubes in the most suitable position, to create a suitable line of pull.



NOTE: Ensure the locating lugs on any spacer shims engage into the slots in the Clamps.

Attachment of the Tri-slot Mounting Plates .

Install a Tri-slot Plate onto each free end of the Lower Harness Straps, by threading the end of the webbing through the slots as shown in Fig.5. (Do Not adjust at this stage). Insert the clamping screw through the Tri-slot Mounting Plates (from the side marked CE, and recessed to take the screw head) and screw into the M6 captive nut in each Clamp. Tighten with the Tri-slot Mounting Plates 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.



- Using the enclosed **Cam Lock Mounting Plate** method of attachment, Fig.6, install a Mounting Plate onto each free end of the webbing 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.6. (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 MC123 Mounting 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 Strap lengths as required and close Cam Lock Mounting cover to secure.

HARNESS STRAP ADJUSTMENT

- It is recommended that the initial adjustment, is carried out by a suitably qualified person, as correct positioning of the Harness Panels, in relation to Strap direction and tension, is of great importance to ensure the User is supported, appropriately to their disability.
- Re-check Strap lengths after the initial installation and readjust if required. Final Strap tensions are then set, in conjunction with the User, at the Pull Tight Buckles on the Harness Panels. (See also User / Carer Guidelines overleaf).
- The Side-release Cam-lock Buckles fitted to the upper straps of the Harness, offer a more convenient method of re-connecting and re-adjusting the Harness. Simply connect each Buckle, lift the Cam-lock, adjust the strap length, then fold the Cam-lock over to the lock position.