



USER OPERATING INSTRUCTIONS

2 POINT STATIC HARNESS

SHA, SHJ

Read instructions carefully before use and follow them for correct use.
It is recommended that training be given on the proper use of this product.

Retain this manual for future reference.

Please include it with the product in the event of transfer to new users.

Additional copies are available upon request.

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A. LIMITATIONS OF USE

1. The 2 Point Static Harness comes in an Adult and a Junior size. This user instruction applies to both formats.
2. This product has been designed to restrain the passenger only and must only be used where the wheelchair position has already been secured with a separate wheelchair tie-down system.
3. Unwin products are extensively tested using Unwin rail, and our full warranty normally only applies to Unwin equipment when used in Unwin branded rail. Unwins have also participated in test programs with manufacturers of structural rail products and will support warranty on the Unwin products when used in conjunction with such jointly tested systems.
For further details on specific applications please contact the Engineering . In other situations using rail products for which Unwin has not participated in joint test programs, a limited Unwin warranty will apply.

B. GENERAL GUIDANCE

1. Please read this manual before using the equipment
2. Regular inspection of all parts is recommended and only use the equipment if all mechanical parts are functioning smoothly and all components are in good condition.
3. Replace parts where the webbing is contaminated or frayed.
4. Items attached to the wheelchair in front of the occupant, other than footrests should be removed and secured in the vehicle during transport. This reduces the potential for injury
5. If the equipment was used during an accident, it should be replaced immediately.
6. Do not attempt to modify the equipment, if there is a problem refer back to Unwin Safety Systems
7. Avoid contact with corrosive liquids and keep the webbing away from sharp edges.
8. If the proposed installation cannot be made to meet the following requirements, refer to Unwin Safety Systems.

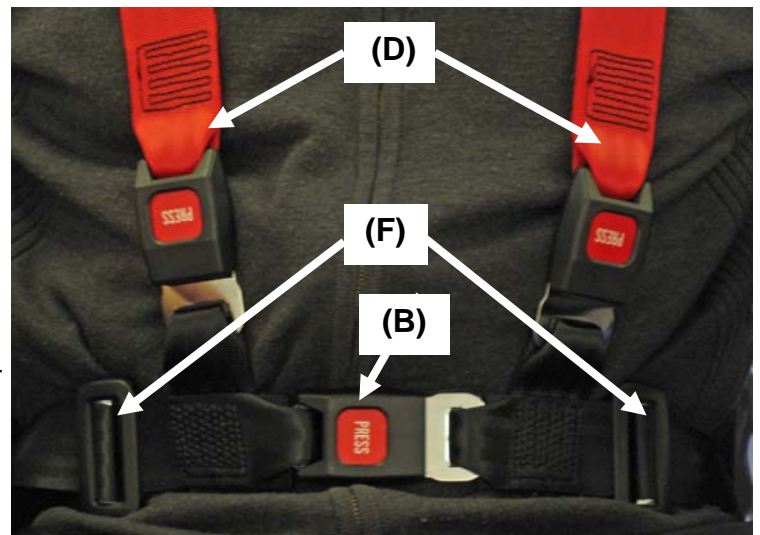
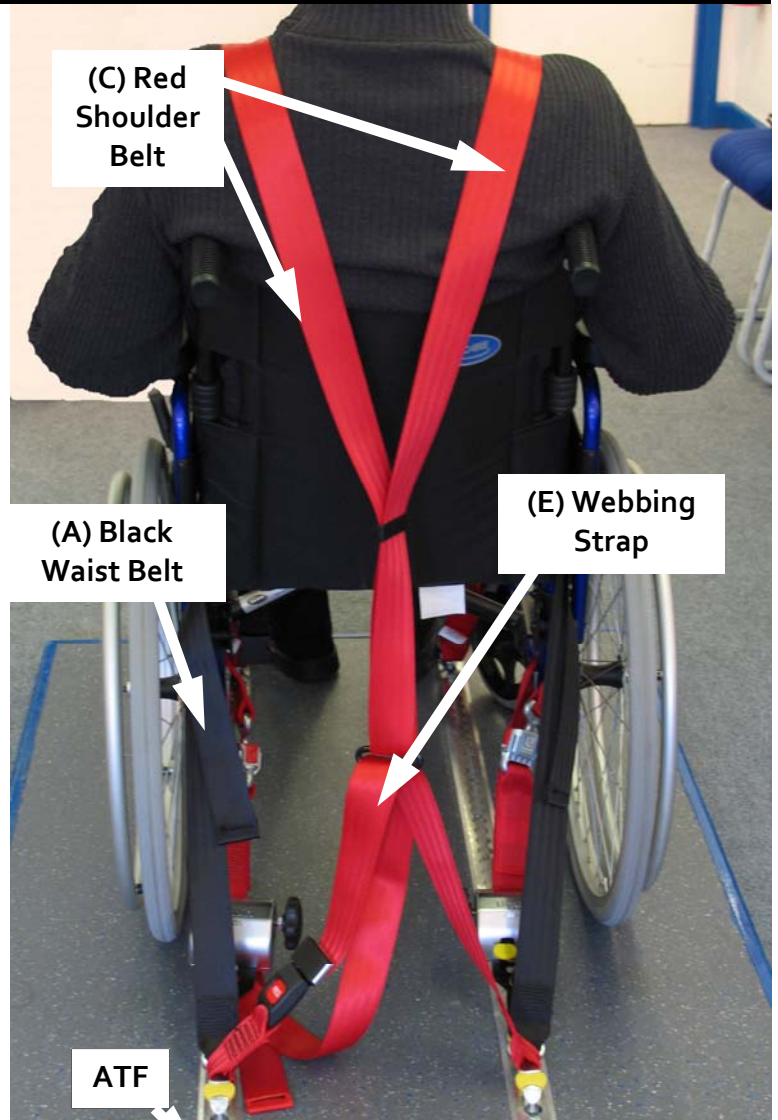


C. BEFORE USING THE 2 POINT STATIC HARNESS

1. Wheelchairs must be positioned facing toward the front of the vehicle, positioned in the centre of the floor rails and with their brakes on.
2. A suitable wheelchair restraint must be used for the chair.
3. The wheelchair must be securely fastened before fitting the passenger restraint.

D. FITTING THE 2 POINT STATIC HARNESS

1. Position yourself behind the wheelchair, hold complete the harness by centre buckle, letting the straps and clips hang in vertical position. Make sure the black straps are in front of the red webbing and place the harness webbing on the floor.
2. The ATF clips must be located in the rail at about 41 cm from the rear of the wheelchair frame. To attach the clip, press on the ribbed part of the ATF and push firmly towards the wheelchair until the yellow clip drops and locks into the rail. **IMPORTANT: Check the plungers are fully engaged on both sides.**
3. Again making sure the black waist belt webbing (A) is facing forward, and the shoulder harness adjustment is on the left, detach the waist belt from the harness at the centre buckle (B) and place around the passenger.
4. Take the red shoulder straps (C), keeping these straight, with the smooth stitching on the outside, place over the shoulders and attached to the waist buckles (D).
5. Position the centre buckle centrally at waist level on the passenger. Adjust to fit by pulling straps equally (E).
6. Tension the harness by pulling strap of webbing (F) to suit passenger. For the final adjustments, place your hand on the passengers shoulder, palm upwards under the strap, to feel the tension of the shoulder harness on passenger.



E. REMOVING AND STORING

1. Undo the centre buckle, undo the waist buckles, hold shoulder straps and take them back over the passengers shoulders.
2. While holding them in one hand, reconnect the waist belt from around the passenger to the centre buckle and shoulder harness.
3. To release the harness from the rail, place it on the floor, lift the yellow retaining clip fully and pull away from the wheelchair. Repeat operation on other side.
4. By removing the harness in the sequences mentioned above, it is ready to be correctly used again.

In an emergency the 2 point harness can be quickly released by undoing the centre buckle, enabling the harness to fall away to the floor, freeing the passenger.

F. MAINTENANCE

1. Regularly inspect the equipment for damage, wear or malfunction. If any problems are identified replace it immediately.
2. All webbing and components can be cleaned as necessary. Care should be taken to prevent contamination of the webbing with polish, oils and chemicals.
3. To clean the passenger restraint, use warm soapy water and a clean soft cloth. Rinse with clear water, and allow to air dry.
4. To disinfect use a mild spray disinfectant - do not use products containing bleach.
IMPORTANT: when cleaning or disinfecting do not immerse buckles or rail fittings in disinfectant or water.
5. If the vehicle is involved in an accident when any restraints are deployed remove them from service and replace immediately.

If in doubt please contact Unwin Safety Systems.

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