

SCOOTER RESTRAINTS BraunAbility®

User Manual

EN Instructions for fitting and use

Thank you for choosing

Scooter Restraints from BraunAbility!

The following manual is an important part of the product, providing you with information on how to achieve maximum performance and safe operation. Keep the manual in a safe place so that you can refer to it when necessary.

If you have any questions about your equipment, please contact us.

Once again, thank you for placing your confidence in our products!



Safe vehicle adaptation solutions
*For your safety BraunAbility products are
designed and tested according to current
directives and standards.*

Safety information

- 4 Limitation of use
- 5 General guidance
- 7 Before using the Scooter Restraints

Fit and use

- 9- 12 Fitting and using the Scooter Restraints
- 9 Rail floor
- 11 Floor anchor

After care

- 13 Equipment storage and maintenance
- 13 Warranty

“Declaration of conformity” at the end of the manual.

Safety Information

Limitation of use

The development of BraunAbility scooter restraint is a continuous process. Applications are added on a regular basis. For more details contact BraunAbility or look on the BraunAbility website.



- *This restraint system is designed for securing an unoccupied electric scooter. The user must transfer to a suitable passenger seat when travelling.*
- *The equipment must only be used with scooters weighing less than 120kg.*
- *The equipment is to restraint scooters facing forwards inside a vehicle.*

General guidance

- Regular inspection of all parts is recommended and the equipment should be used only if all components are in good condition.
- **Warning:** protect webbing from contacting sharp edges and corners. Replace equipment if the webbing becomes cut, contaminated or frayed.
- Any equipment which have been subjected to a crash situation from which the vehicle must be towed should, in the interest of safety, be replaced.
- Do not attempt to modify the equipment. For further advice on the installation and use of these restraints please contact BraunAbility. Please read this manual fully before use.
- Avoid contact with corrosive liquids. Care should be taken to prevent contamination of the webbing with polishes, oils and chemicals.

- The restraint kit anchorages should be installed by an experienced technician/ vehicle converter. Anchorages should not be installed into unsound materials such as corroded metal, wood, plastic and fibre glass panels, without additional and suitable reinforcement.
- The equipment has been tested in a configuration similar to that recommended by BraunAbility and any deviation from the recommendations here is the responsibility of the installer/user. These instructions refer to use with both our rails and Solo anchors, however the equipment may be used with any BraunAbility proprietary rail product.

Before using the Scooter Restraints

- Ensure that the scooter is correctly maintained and that the settings of any adjustable parts are made according to 'Instructions for Use in Transport'.
- Whenever possible remove any items of luggage etc that may be attached to the scooter and secure or store separately during transport in order to reduce the potential for injury to other passengers travelling in the vehicle.
- Extra care must be exercised when using vehicle boarding aids such as passenger lifts or ramps during the loading process. Refer to 'Instructions For Use' for information on safe slopes.
- Position the scooter facing forward - centrally in the designated region of the vehicle. Ensure the scooter brakes are applied.
- Scooter users, their carers and family are advised to check vehicle specifications to ensure that sufficient floor space is available to accommodate the scooter restraint system.

Fit and use

Fitting and using the Scooter Restraints

Rail Floor

1. The rail will have been installed in the vehicle in accordance with their own and the vehicle converter's instruction. Position wheelchair within vehicle as required.
2. The scooter must be restrained facing forward in the vehicle.
3. Place the complete restraint over the scooter (Fig 1) with the Y-strap (Fig 2A) placed astride the front steering column.
4. Attach the grey front straps into rail, with the yellow plungers facing the front of the vehicle. Press on the ribbed part of the ATF (Fig 3A) and push firmly towards the scooter until the yellow clip drops and locks into place.
5. Install the second clip. The position of this must be in line with the first. **IMPORTANT: Check the plungers are fully engaged on both sides.**
6. Adjust the grey webbing if necessary.
7. Adjust the webbing on the black rear straps to allow the strap to be fitted 20cm/8" from the rear of the scooter.
8. Attach the rear straps into the rail, with the yellow plunger facing the rear of the vehicle. Press on the ribbed part of the ATF (Fig 3A) and push firmly towards the scooter until the yellow clip drops and locks into place. **IMPORTANT: check both clips are exactly opposite each other in the rails and the plungers are fully dropped.**
9. Tighten the webbing until the scooter is firmly held in place.



Removing the restraint:

1. Pull the black webbings away from the scooter to slacken each rear strap.
2. Lift the yellow retaining clip fully and pull away from the restraint to remove the rear strap from the rail. Repeat on opposite strap.
3. Pull the restraint towards the front of the scooter, lift the yellow retaining clip fully and pull away from the scooter to remove the front strap from the rail. Repeat on opposite strap and remove the restraint from the scooter.
4. Store the restraint safely.

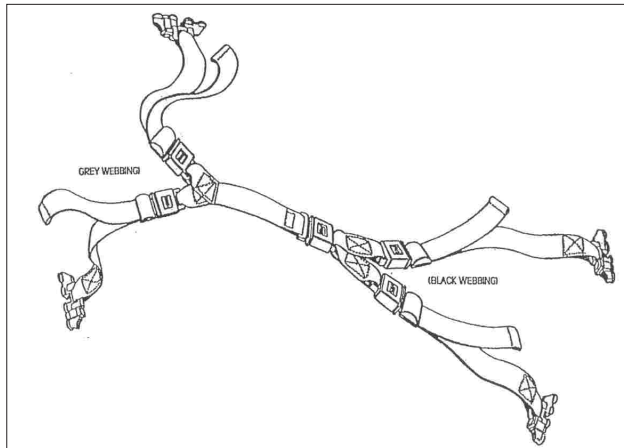


Figure 1



Figure 2

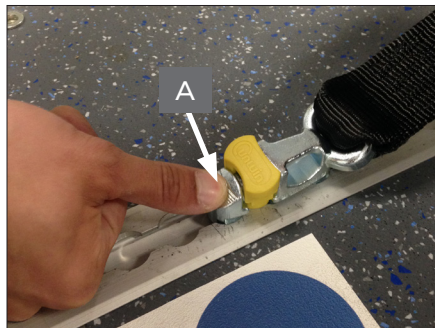


Figure 3



Fit and use

Fitting and using the Scooter Restraint

Floor anchor

1. The floor anchor will have been installed in the vehicle in accordance with their own and the vehicle converter's instruction. Position wheelchair within vehicle as required.
2. The scooter must be restrained facing forward in the vehicle.
3. Place the complete restraint over the scooter (Fig 1) with the Y-strap (Fig 2A) placed astride the front steering column.
4. Attach the grey front straps onto a front Solo floor anchor by aligning the button within the cleat to the slot on the floor anchors (Fig 5).
Note: protrusion and indent are only applicable with spring loaded anchors, not with static anchors S10.
5. Slide the cleat fully home (Fig 6), rotate the assembly through 90°. Install the second clip.
6. Adjust the grey webbing if necessary.
7. Adjust the webbing on the black rear straps to allow the strap to be fitted 20cm/8" from the rear of the scooter.
8. Attach the rear straps onto a rear Solo floor anchor by aligning the raised protrusion on the cleat with the indent on the floor anchors, (Fig 5). **Note:** protrusion and indent are only applicable with spring loaded anchors, not with static anchors S10.
9. Slide the cleat fully home, (Fig 6), rotate the assembly through 90°. Install the second clip
10. Tighten the webbing until the scooter is firmly held in place.

Removing the restraint

1. Pull the black webbings away from the scooter to slacken each rear strap
2. Turn the rear cleat back through 90° to release and slide it off of the floor anchor point. Repeat operation with opposite strap.
3. Pull the restraint towards the front of the scooter, turn the rear cleat back through 90° to release and slide it off of the floor anchor point.
4. Repeat operation with opposite strap and remove the restraint from the scooter.
5. Store the restraint safely



Figure 4



Figure 6

After care

Equipment storage and maintenance

- Store the scooter restraint safely off the floor to avoid damage and ensure that it cannot become a projectile in an accident. This can be achieved by using a wall mounted storage bag such as SLR111.
- Regularly inspect the restraint for damage, wear or malfunction. If any problems are identified replace it immediately.
- All webbing and components can be cleaned as necessary but care should be taken to prevent contamination of the webbings with polishes, oils and chemicals, particularly battery acid.
- To clean the straps use warm soapy water and a clean soft cloth. Rinse with clear water and allow to air dry. To disinfect, use a mild spray disinfectant and do not use products containing bleach.
Important: when cleaning or disinfecting, do not immerse or flood buckles or solo anchors in the disinfectant or water.
- 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 BraunAbility.

Warranty

BraunAbility products are extensively tested using BraunAbility anchorage systems, and our full warranty normally only applies to BraunAbility equipment when used with BraunAbility branded anchorages or as instructed.

BraunAbility have also participated in test programs with other manufacturers anchorage products and will support warranty on the BraunAbility products when used in conjunction with such jointly tested systems.

For further details on specific applications please contact the Sales Office. In other situations, using BraunAbility products, for which BraunAbility has not participated in a joint test program, a limited BraunAbility warranty will apply.

Declaration of conformity

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Declares that the product /

SCR, SSCR

Conforms to following directives standards and regulations /

214/2014/EU Paragraphs 2.3.1 and 2.3.2
ISO 10542:2012
RESNA WC-4 2012 Section 18
2001/85/EC
R.107.2
2007/46/EC

BraunAbility, Martock, 18th June 2019



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Illustrations, descriptions and specifications in the user manual are based on current product information.
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