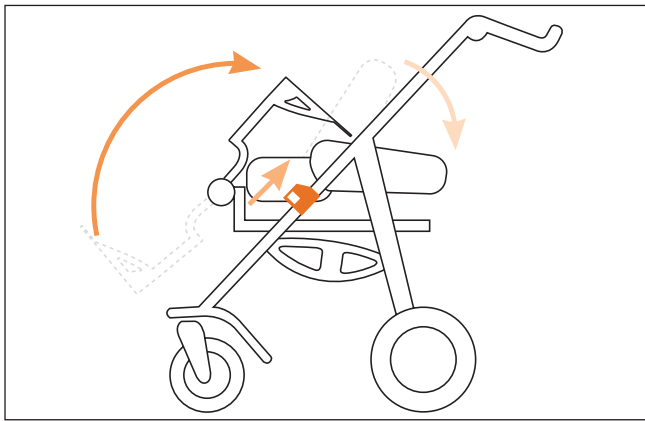
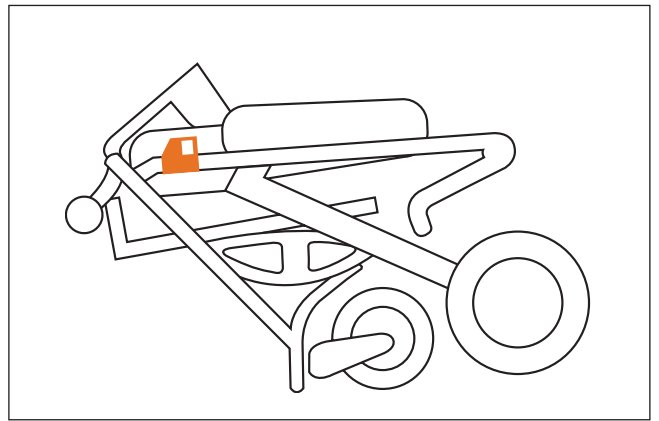


A chassis

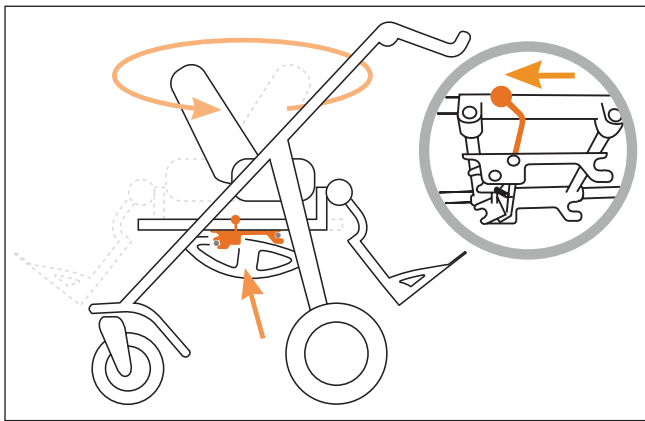
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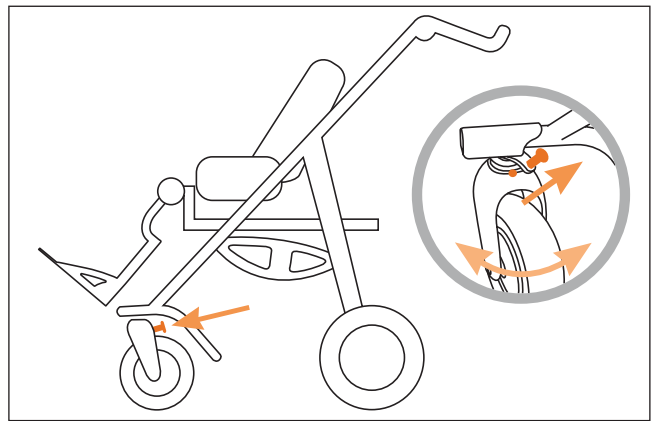
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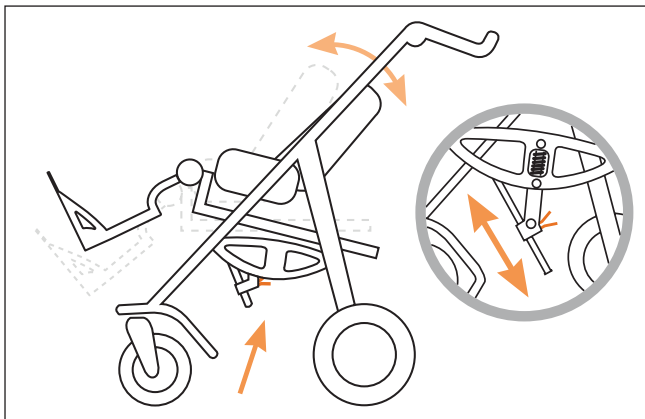
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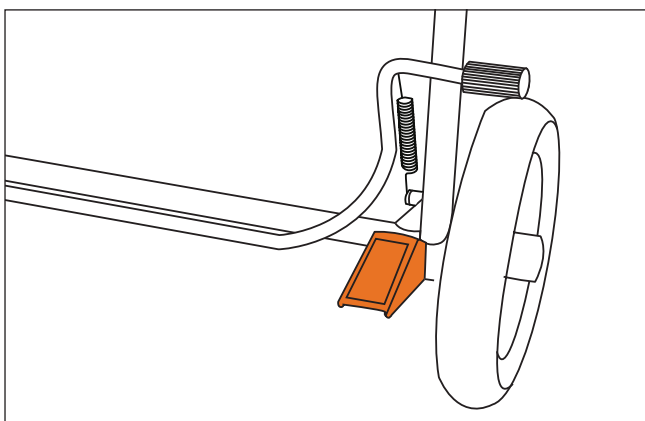
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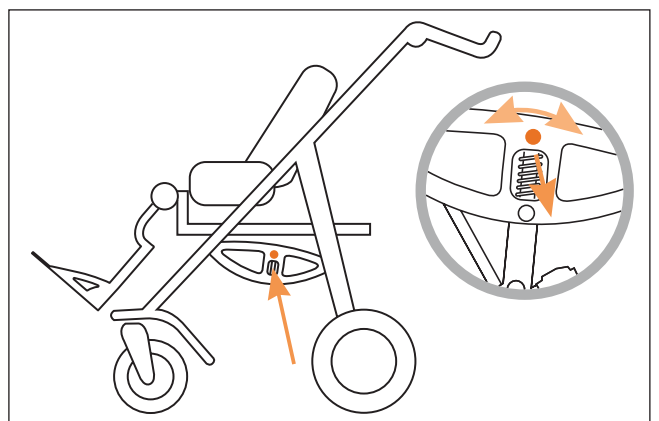
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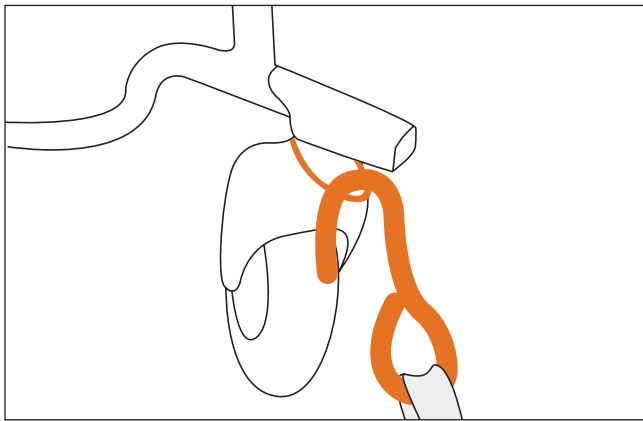
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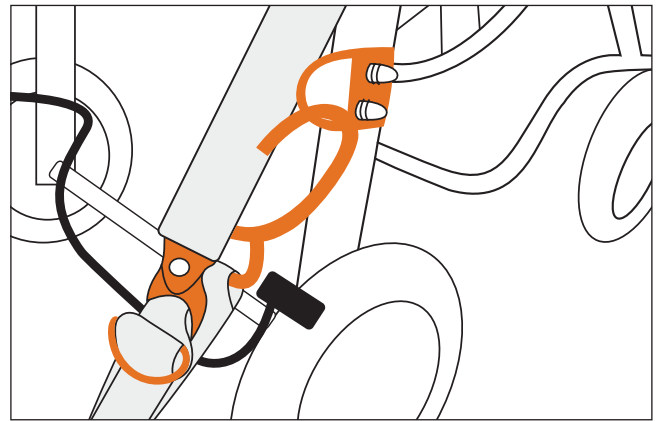
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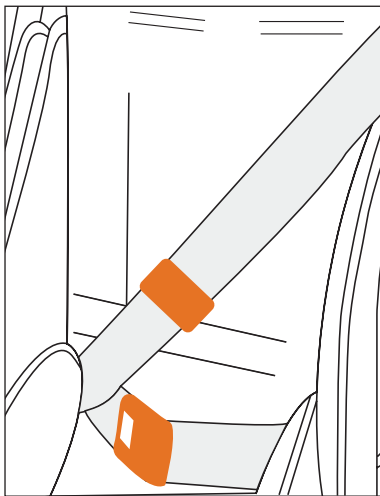
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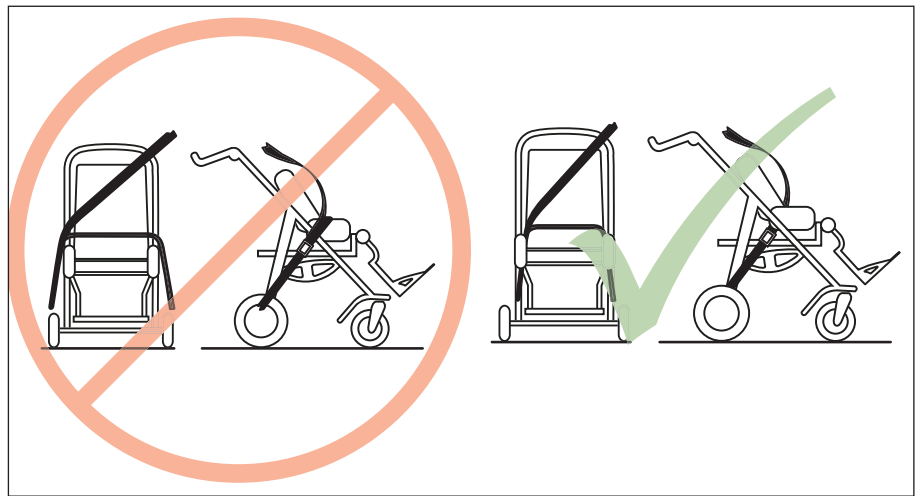
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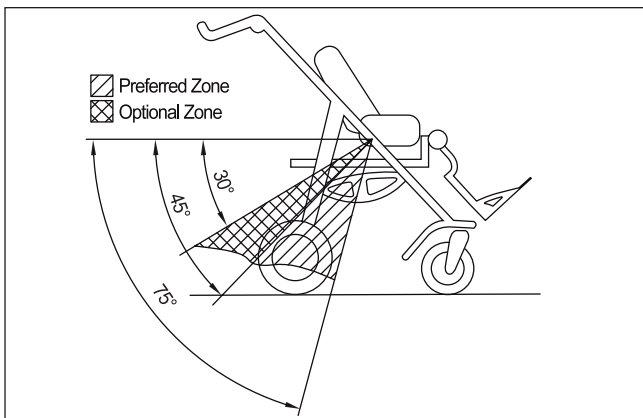
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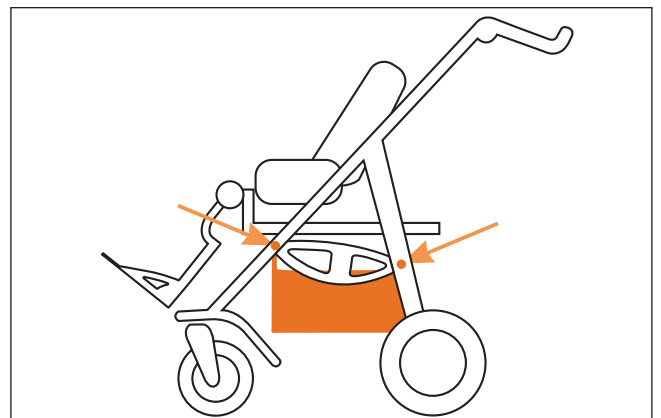
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(11)



(12)



(13)



A chassis + ThevoSeat



A chassis + EASyS



A chassis + EASyS Modular

Dear A chassis user,

the chassis that you purchased is an innovative product made by the company Thomashilfen.

In order to make handling of the A chassis safe, practical, and comfortable for you and especially for your child, please read this user manual completely before use.

Should you have any further questions or issues, please contact your specialist supplier or Thomashilfen directly.

For more information about Thomashilfen and our products, please visit our website at www.thomashilfen.com

Our address:

Thomas Hilfen für Körperbehinderte
GmbH & Co. Medico KG
Walkmühlenstraße 1
D - 27432 Bremervörde
Germany
phone: +49 (0) 47 61 / 88 6-68 or -63
www.thomashilfen.com

Our address for customers in the USA:

ExoMotion LLC
dba Thomashilfen
309 South Cloverdale Street - Unit B 12
Seattle WA 98108
USA
phone: 866 870 2122 (toll free in U.S.)
www.thomashilfen.us

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Safety-related checks and maintenance intervals

→ All operating elements and fastening screws should be subjected to visual inspection every month by a trained expert.

Please observe the following safety instructions:

→ Carefully read this user manual prior to first use. If lost, you can download the user manual in the download area of our website: www.thomashilfen.com

- **IMPORTANT:** Always secure your child with the 2-point pelvic belt or another retention belt (available as an accessory). Never leave your child unattended in the stroller.
- **CAUTION:** Wet or flat wheels may affect the brake. If not in use or stopping for a longer period, engage the stroller foot brake in order to prevent accidental rolling.
- **CAUTION:** The gap between chassis and release rod of the break may present a hazard if clothes and extremities get caught in the foot area.
- **CAUTION:** The gap between mounted seat (ThevoTwist / EASyS / EASyS Modular) and chassis frame may present a hazard for clothes and extremities getting caught in the seating area.
- **CAUTION:** Solar radiation, electronic heaters, or other heat sources may result in excessive heating-up of the seat / rehab stroller. On contact, this may cause a risk of burns at back and legs! Make sure that the seat / rehab stroller is not exposed to such heat sources at any time when in use or stored, and use it only when it has cooled sufficiently!
- Do not exceed the maximum size and weight capacity of the stroller. Please refer to the literature for specification details (see technical data).
- Using reflective clothing increases visibility of yourself and your child to other road users, especially when strolling after dark.
- When lifting the stroller make sure to hold it at tightly welded or tightly screwed component parts only (frame tube above front wheels, rear axle, push bar).
- Be careful not to harm yourself when unfolding or folding the stroller.
- Attaching bags, equipment, or other heavy items may cause the stroller to be unstable and tip over. These items are best stowed in the basket below the seat unit.
- When working with the A chassis, please observe the recommendations in the user manual, especially when unfolding it and folding it together.
- Do not leave your child unattended when getting in or off the stroller. Excessive load of the footrest may lead to slipping off or tipping.
- Keep packaging material away from children – choking hazard!
- This stroller is intended to transport only one child.
- Hitherto existing market experiences do not result in any dangerous combinations of equipment with the seat.

Purpose and use

The chassis together with a suitable seating system is appropriate for ergonomic transfer (height adjustable push bar) of disabled children. Disabled children shall be transported at walking pace at the maximum on solid, even ground, indoors and outdoors. Transport shall be made by their parents or other qualified helpers. The chassis in combination with a seat unit (ThevoTwist / EASyS / EASyS Modular) must not be used for purposes other than intended (e.g. transporting more than one child, attaching shopping bags, etc.).

Risks and contraindications

Proper handling may avoid any use-related risks. No contraindications are known.

Technical data

A chassis*	Size 1	Size 2
Seat tilt-in-space	-10° to +35°	-10° to +35°
Seat height	48 cm / 18.9"	54 cm / 21.3"
Turning range of seat	180°	180°
Safe static stability up to max.	10°	10°
Push bar height	92 - 114 cm / 36.2 - 44.9"	92 - 120 cm / 36.2 - 47.2"
Turning circle	83 cm / 32.7"	99 cm / 39"
Wheel size (front (swivel wheels) / rear)	7,5" / 10"	7,5" / 10"
Weight (w/o seat unit)	8,2 kg / 18.1 lb	9,2 kg / 20.3 lb
Carrying capacity (incl. seat unit)	45 kg / 99.2 lb	50 kg / 110.2 lb
Overall dimensions A chassis (l x w x h), in running order	75 x 60 x 77 cm / 29.5 x 23.6 x 30.3"	81 x 73 x 79 cm / 31.9 x 28.7 x 31.1"
Folded dimensions A chassis (l x w x h)	83 x 64 x 41 cm / 32.7 x 25.2 x 16.1"	78 x 73 x 44 cm / 30.7 x 28.7 x 17.3"
Overall dimensions (l x w x h), in running order with seat unit ThevoSeat	77 x 64 x 96 cm / 30.3 x 25.2 x 37.8"	81 x 73 x 99 cm / 31.9 x 28.7 x 39"
Folded dimensions (l x w x h) with seat unit ThevoTwist	81 x 64 x 60 cm / 31.9 x 25.2 x 23.6"	88 x 73 x 64 cm / 34.6 x 28.7 x 25.2"
Overall dimensions (l x w x h), in running order with seat unit EASyS	87 x 59 x 99 cm / 34.3 x 23.2 x 39"	80 x 73 x 99 cm / 31.5 x 28.7 x 39"
Folded dimensions (l x w x h) with seat unit EASyS	81 x 59 x 49 cm / 31.9 x 23.2 x 19.3"	90 x 73 x 47 cm / 35.4 x 28.7 x 18.5"
Overall dimensions (l x w x h), in running order with seat unit EASyS Modular	83 x 59 x 99 cm / 32.7 x 23.2 x 39"	83 x 64 x 99 cm / 32.7 x 25.2 x 39"
Folded dimensions (l x w x h) with seat unit EASyS Modular	83 x 59 x 59 cm / 32.7 x 23.2 x 23.2"	99 x 64 x 75 cm / 39 x 25.2 x 29.5"

* The A chassis is also available with fixed front wheels.

Setting up and assembly

Adjustments / adaptations shall be carried out by trained or instructed experts (e.g. medical device consultants of a medical device dealer) only.

The seat can be removed from the A chassis without any tools. Push the click lever below the seat unit forwards and take the seat unit off the receiver adapter of the chassis forwards. Proceed in reverse order to insert the seat. (fig. 3)

CAUTION: Always ensure the click lever engages audibly. Then make sure the seat has clicked into place by pulling it forwards.

Commercially available tools are required for mounting / dismantling the accessories. Separate mounting instructions and user manuals are enclosed with the accessories. If they should be missing, you can download the instructions in the download area of our website www.thomashilfen.com.

Folding

Unfolding

Take hold of the rehabilitation strollers' push bar and pull it upwards while supporting its base on the rear axle (pull it until you hear the push bar locking into place, fig. 1). If necessary, set the seat tilt horizontally (cf. seat tilt-in-space adjustment). Then bring the backrest to an upright position (release back clamping lever / gas spring release button). The foot rest is to be fixed to the knee joints. Place the grid joints one upon the other and connect them with the screws (from the inside), washers (from the outside), and wing nuts (from the outside).

Folding together

Bring the backrest to a lying position, loosen the knee angles, and swivel the foot rest over and down onto the seat unit. Move the seat tilt-in-space adjustment to a horizontal position (cf. seat tilt-in-space adjustment), then loosen the locking levers on both sides of the chassis (pull them up) and press the push bar down at the same time to fold it inwards into the frame. (fig. 2)

CAUTION: Hold the chassis tight and do not let it fall. Do not apply the foot brake as the wheels may deform.

Folding instructions: Make sure that the seat is in horizontal position when folding with the seat unit mounted.

Front / rear facing function

SAFETY INFORMATION: Be sure to check correct and safe locking of the seat unit after each change is made and before a child is placed in a rehab stroller.

Push the **click lever** under the seat unit forwards and remove the seat unit forwards from the chassis. Turn the seat unit around and insert it the other way around (snap it in place forwards, fig. 3).

Parking brake function

Remove the cable tie that fixes the brakes.

Braking: Put your foot on the brake bar and press it down

Unbraking: Put your foot under the brake bar and lift it up.

CAUTION: The triggering pressure exceeds the norm to achieve a better braking effect.

Front wheel swivel lock

Swivel lock front wheels: Align the front wheel and fix the locking pin (it locks audibly).

Swivel front wheels: Pull out the locking pin and fix it using a half-turn. (fig. 4)

Seat tilt-in-space adjustment

CAUTION: While adjusting the seat tilt-in-space, always hold the back of the stroller in place in order to avoid sudden changes in position of the child. We recommend adjusting the tilt without the child sitting in the seat. When adjusting the seat while the child is seated, the child must be secured by a second person.

There are two possibilities to position the seat tilt-in-space of the A chassis:

1. Press the release clamp beneath the seat unit together and adjust the seat tilt-in-space as required, release the clamp. Check if the seat is locked. (fig. 5a)
2. For a comfortable adjustment of the seat tilt-in-space while standing, use the adjusting lever at the pushbar. Pull the lever to the tube and keep in place, adjust the required tilt and release the lever. Check if the seat is locked. (fig. 5b)

CAUTION: Make sure the release lever is kept free at all times during everyday use and cannot be released / tightened accidentally (by pushing it / by contact with other objects), or else there will be an increased risk for the stroller to tip over or the child getting injured.

Tip assist (accessory)

Place your foot on the tip assist, keep hold of the stroller with both hands and tip the stroller. (fig. 6)

Suspension system

Suspension activation

Pull out the locking pin from the spring and fix it using a half-turn. (fig. 7)

Suspension deactivation

Fix the locking pin to the spring (it locks audibly).

Basket

Use snap hooks to attach the basket (with the gap at the back) to the four crescent-shaped rings. (fig. 13) When folding, the basket can remain mounted (maximum basket load: 5 kg / 11 lb).

Transporting the ThevoTwist, EASyS or EASyS Modular seat unit with A chassis

The ThevoTwist, EASyS or EASyS Modular seat unit with A chassis can be folded for transport in the luggage area of a vehicle. The ThevoTwist, EASyS and EASyS Modular seat unit with A chassis has been successfully impact tested against international standard ISO 7176/19 and ANSI/RESNA WC/Vol.1 – Section 19 6/22/99 Draft and may be used as a vehicle seat.

We recommend that the transport of children with a body mass of less than 22 kg transfer to a Child Restraint System (sometimes referred to as an **infant safety seat**, a **child restraint system**, a **restraint car seat**, or ambiguously as **car seats**) in compliance with ECE Regulation 44/04; In order to provide the best possible protection for the child.

If transfer to a Child Restraint System is not possible, due to the needs of the occupant e.g. a need for continual postural support, occupant discomfort, anxiety or a dependency on the medical device, then the decision to carry the occupant in their wheelchair or buggy should involve an individual risk assessment process. This risk assessment process should involve a therapist who would be able to support reasons not to transfer the occupant to a Child Restraint System.

IMPORTANT: When used as a vehicle seat the following instructions must be followed.

The ThevoTwist, EASyS or EASyS Modular seat unit with A chassis are designed to be forward-facing when used as a seat in a motor vehicle. The occupant should transfer to the vehicle seat and use the vehicle-installed restraint system whenever it is feasible!

In order to fasten the A chassis at the floor of the vehicle, only use belt systems which meet the standard ISO 10542.

The 4 tie-down securement points are indicated with the following symbol:



CAUTION: When the stroller is being used as a seat in a motor vehicle the locking pin at the tilt-in-space mechanism must engage in a position that inclines the seat backwards.

Preparing the EASyS, EASyS Modular or ThevoTwist seat unit with A chassis for transport:

1. Remove the following (if fitted); pommel, play tray, rain hood, sun canopy, grip rail, accessory bag and shopping basket contents.
2. Position the stroller correctly in the vehicle over the floor track with the front of the stroller facing towards the front of the vehicle (in the direction of travel). Put the brakes on.
3. Make sure the hip angle adjustment is locked. The locking pin at the backrest must be engaged (see marking).

Securing the EASyS, EASyS Modular or ThevoTwist seat unit with A chassis in a Vehicle:

1. The stroller **must** be secured in a vehicle using a 4-point tie down system that complies with either ISO 10542 Part 2, SAE 2249 or DIN 75078/2. (Such restraints are manufactured by Unwin Safety Systems and Q'Straint)
2. Vehicle operators and/or assistants should be fully trained in the use of wheelchair tie-down and occupant restraint systems.
3. The two front tie-downs must be attached left and right side to the steel ring located on each front castor mounting boss. (fig. 8)
4. The two rear tie-downs must be attached to the two securement points located on each side of the pushchair frame. (fig. 9)

Fitting the occupant restraint system:

1. The stroller passenger must be restrained using an approved vehicle safety belt. Thomashilfen recommends the use of either a split reel double inertia seat belt or a 3-point occupant restraint system. (Such restraints are manufactured by Unwin Safety Systems and Q'Straint)
2. Vehicle operators and/or assistants should be fully trained in the use of wheelchair tie-downs and occupant restraint systems.
3. The occupant lap belt must be routed low over the pelvis, avoiding contact with the abdomen of the passenger. Lap belt routing should be inside of the occupant side pad on both left and right sides of the pushchair. (fig. 10)
4. The lap belt should not be held away from body by rehabilitation stroller components or parts, such as side pads or wheels. (fig. 11)

NOTE: The belt webbing should not be twisted when in use.

5. The angle of the pelvic belt should be within the optimal zone of 30° to 75° to the horizontal. (fig. 12)
6. The occupant lap belt should be tightened to make a snug fit without causing discomfort to the passenger.
7. If the pushchair is fitted with a harness, this should only be fastened under the occupant restraint system.
8. The shoulder belt of the occupant restraint system must be fitted to the side wall of the vehicle at a height that ensures the seat belt webbing lays in the middle of the occupants shoulder.

NOTE: To meet current regulations only a shoulder belt fitted to the side wall of the vehicle should be used to correctly restrain the occupant.

Product / serial number (conclusion on construction year)

To make sure you receive correct spare parts or for potential technical recalls we always require the serial / batch number and exact item code. If you give us the serial / batch number, we can inform you about the construction year of your A chassis.

You can find the serial / batch number of your A chassis on the barcode label, underneath the frame.

(01)04034089024851(21)000796103

6202/1

A-Chassis 1 Crash 09

HMV-Nr.: 18.99.01.2074
 Artikelnr.: 9800062021000
 Charge: *
 Seriennr.: 796103

Thomashilfen Tel.: 04761/886 0 20110506

Item-code

Serial- / Batch number

Cleaning, disinfecting, and care instructions

The A chassis is manufactured from high-quality steel and aluminium tubing which is coated with a robust heat-enamel finish; and can be cleaned using commercially available non-toxic soap (neutral soap).

Disinfection

Wipe down all parts of the product with a cloth dampened with disinfection. Only water-based disinfecting agents should be used. The manufacturer's instructions for use should be observed when disinfecting.

Guarantee terms / CE marking

Thomashilfen offers you a guarantee of 3 years for all frame parts, commencing on the date of purchase. This guarantee incorporates all claims which influence functionality. Damages due to improper use (e.g. overloading), and natural wear and tear are excluded.

The A chassis meets the requirements of the European EN 12182 and 12183 standards and is provided with a CE marking.

Enjoy using your rehabilitation stroller!