

Hercules Prime US



Instructions for Use – Rehab Car Seat Hercules Prime US

CE


Thomashilfen

The logo for Thomashilfen features a stylized, multi-colored arc above the company name. The arc is composed of several overlapping segments in yellow, orange, red, and blue, creating a rainbow-like effect.



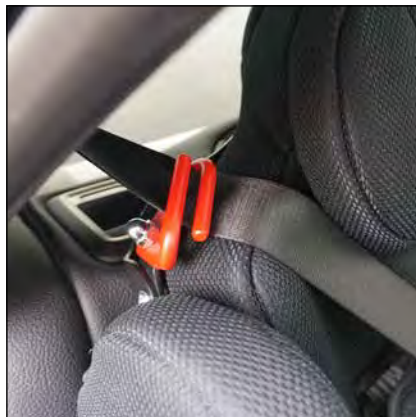
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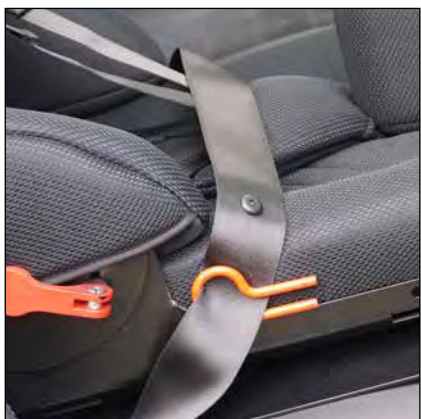
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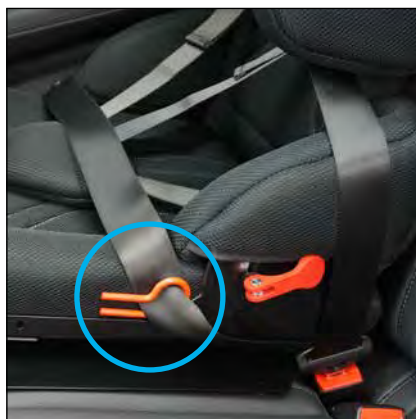
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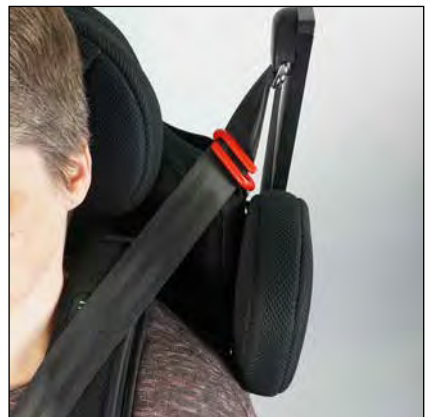
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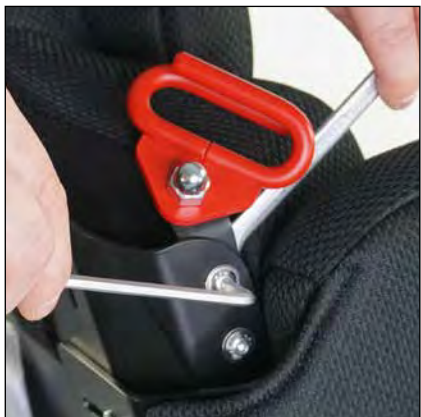
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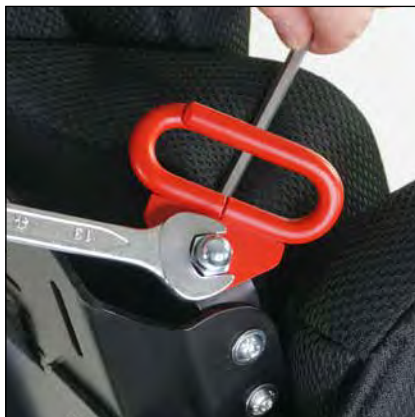
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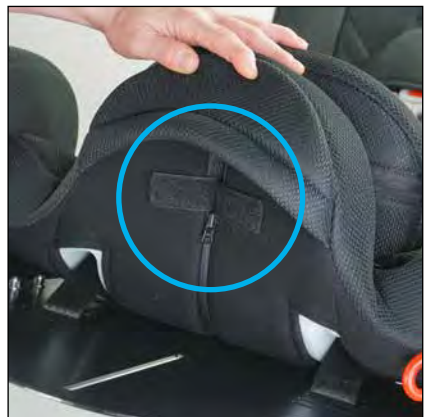
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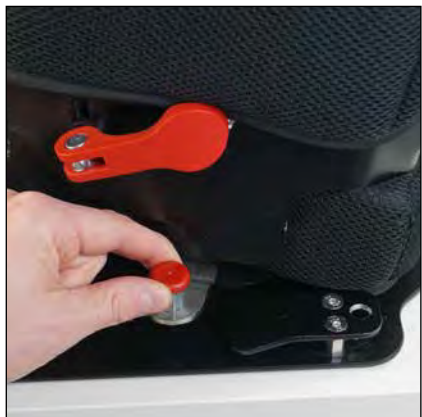
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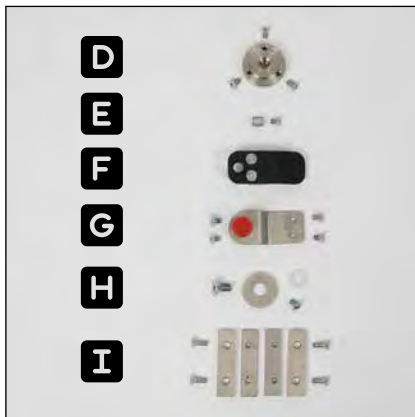
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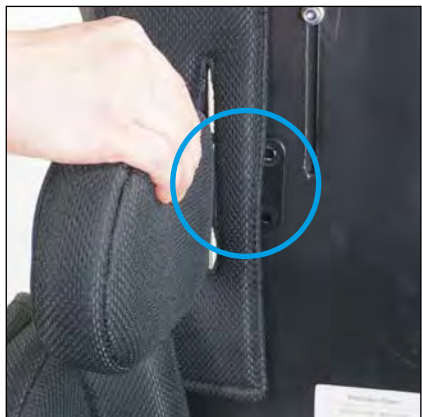
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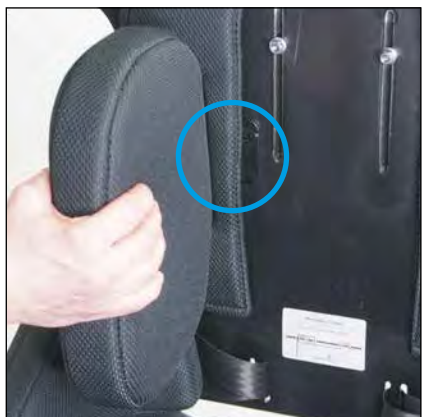
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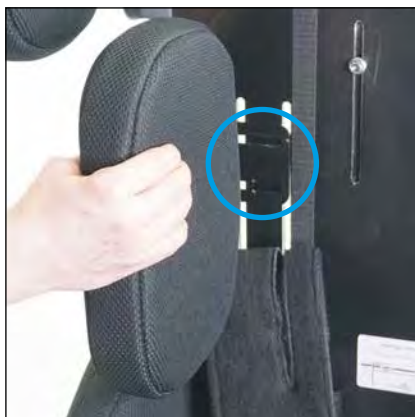
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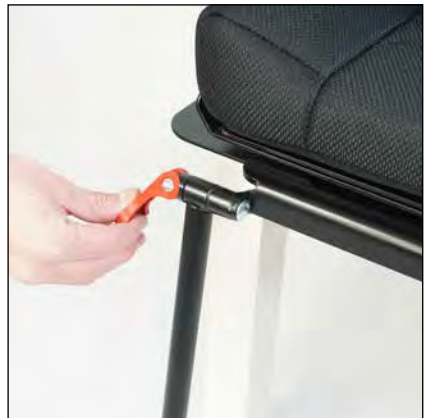
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Dear Customer,

Thank you for choosing our product and for the trust you have placed in us. In order for you and the user to enjoy your new product safely, conveniently, and comfortably, we kindly ask that you read the Instructions for Use. Doing this will also help avoid damage, injury, and incorrect operation and handling of the product. Please ensure that a copy of the Instructions for Use remains with the product so that every user has access to it.

If you have any questions, please contact your authorised distributor or us directly.







We reserve the right to make technical changes. This can lead to differences between your product and how it is presented in brochures and other media.

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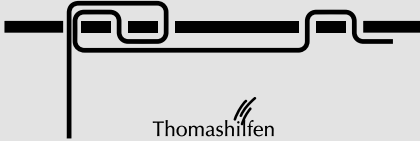
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Labels / Model Identification

Label	Meaning
 <p>Thomas Hilfen für Körperbehinderte GmbH & Co. Medico KG Walkmühlenstraße 1 - 27432 Bremervörde - Germany</p> <p>Hercules Prime US</p> <p>REF XXXXXXXXXXXXXXXX</p> <p>CE  2022-03-11</p> <p>ST20-LR UDI-DI (01)04034089087382 UDI-PI (21)1953033</p> <p>SN 1953033</p>	<p>Barcode Label</p> <p>Position on the Product (Fig. 1)</p> <ul style="list-style-type: none"> - Manufacturer - Product Name - Item Number short / long - Manufacture Date - Serial Number
 <p>Thomashilfen Walkmühlenstraße 1 27432 Bremervörde Germany</p> <p>Hercules Prime</p> <p>max. Nutzergewicht / max. user weight: 80 kg / 176.4 lbs</p> <p>CE  </p>	<p>Type plate</p> <p>Position on the Product (Fig. 2)</p> <ul style="list-style-type: none"> - Manufacturer - Product Name - Max. user weight - CE marking - Follow Instructions for Use
 <p>Hercules Prime</p> <p>Festigkeitsnachweis durch Crashtest in Anlehnung an ECE R 44/04 Test-Nr. S220201001</p> <p>Proof of strength by crash test in accordance to ECE R 44/04 Test-No. S220201001</p>	<p>Crash Test Note</p> <p>Position on the Product (Fig. 2)</p> <p>Information: The product has a proof of strength certificate in accordance with ECE R 44/04.</p>

Hercules Prime

Gurtführung / Belt guide



Belt guide

Position on the product (Fig. 3)

Reference to the belt guide:

- Shoulder straps (back plate top)
- Lap belts (back plate bottom)
- Crotch strap (seat plate)

Remarks

General Remarks

- **This „special needs restraint“ is designed to give extra support to children, young people and adults who cannot sit properly in conventional seats. To be sure that this restraint system is suitable, the doctor should always be consulted.**
- Read the Instructions for Use carefully before first use. If you have difficulty reading, please have them read to you. If the copy of the Instructions for Use is missing, you can download one from www.thomashilfen.de. The contents of the digital Instructions for Use can be enlarged.
- Check the packaging for any transport damage and to be sure the product is in flawless condition.
- Changes to the product are only permitted within the scope of the intended adjustment options.
- Cleaning and daily care can be provided by relatives and caregivers. Maintenance and inspection are done by the distributor.
- All of the screws to the product have to be warmed prior to removal because they are fastened with a thread locker. If the product is to be put back together again, all of the screws have to be secured with a thread locker.
- In some countries it necessary to carry a medical certificate.
- The rehab car seat can be used on the back seats as well as on the front passenger seat. The chosen car seat **MUST** face forward.
- Only use the seat in a forward facing and upright position.
- Position the seat in the vehicle so that it cannot be trapped by a door or other movable vehicle seats.
- This seat is not suitable for use at home, in boats or other non-certified applications.
- All labels have to remain on the product and should not be tampered with.

Safety Instructions

- Check at least every 3 months that the settings on the product still work for the user's current body measurements. If need be, have a distributor / orthopaedic technician adjust the settings.
- Do regular (weekly) checks to make sure that the setting options on the product work.
- Be careful of the moving parts when adjusting or folding the product.
- Only lift up the product by its firmly welded or screwed parts.
- Never use the seat's straps to lift or carry the seat.

- Before each use check that all the nuts, bolts, and screws are tight.
- Please do not overload the product and note the maximum user weight and the maximum load capacity (see technical data).
- Never leave the user unattended with the product.
- The product should only be used by one user at a time. No other individuals should be placed in or on the product.
- All users have to be familiar with how the product works. This way in an emergency the user can be removed quickly from the product.
- The user should always be positioned with the five-point positioning harness (standard equipment). The seat and the user always have to be fastened with the vehicle's own three-point seat belt.
- Adjust the straps of the seat so that they fit closely to the user, but do not press. Make sure that the straps do not sag or twist.
- Before each journey, check that the product is securely attached.
- Even when the product is not in use, it must be properly secured with the vehicle's own 3-point safety belt. In the event of an accident, an unsecured seat can cause serious injury to the vehicle occupants.
- Intense sunlight and heat can lead to high surface temperatures on the product. As a result, there is a risk of injury when touching the product. Only use the product once it has cooled down enough. In general, try to protect the product from direct sunlight.
- Please note the safety standards which apply to your vehicle as outlined in the vehicle's Instructions for Use to ensure the safety of the user.
- The Instructions for Use have to remain with the product.
- If there is a serious and unexpected accident with the product, please inform our company immediately and the responsible authorities.

Intended Purpose

Intended Use / Application Areas

It is designed to safely transport the physically disabled and to ensure children weighing up to 80 kg are sitting securely in vehicles. The seat is always fastened using the vehicle's own three-point seat belt. The five-point positioning harness in the rehab car seat helps to position and support the passenger in an upright sitting position.

The rehab car seat provides additional support to help the passenger sit securely, stabilises head control, and offers secure seating for the hip area. The seat can be adjusted to the growth of the user or the physique of different users by adjusting the back height and/or shoulder width. In addition, the product has a wide range of accessories for customised adjustments. Additional accessories required to support the trunk can be made by authorised staff and attached to the mounting options available on the back of the seat.

Any use that goes above and beyond this does not comply with the intended use.

Indication / Patient Target Group / Intended Users

The rehab car seat is for children, adolescents, and adults with structural and / or functional limitations or poor head and torso posture. In addition, for people who are mentally or neurologically impaired or perceptually impaired, for example dementia patients. It ensures a stable, physiological position if a standard car seat is too small or not suited or if the vehicle's own seat belt is not sufficient for an upright sitting position in the vehicle.

Risks Associated with Use and Contraindications

If used properly, risks can be eliminated during use. There are no known contraindications.

Product Description

Scope of Delivery

Your product is delivered with the standard equipment and comes preassembled. Any accessories ordered along with the product are included and have to be assembled subsequently. A copy of the Instructions for Use is enclosed with the product.

To store your instructions for use, there is a plastic pocket at the back of the product. (Fig. 2) The instructions for use must always be carried on the product.

Standard Equipment

Seat with integrated seat depth adjustment; back with integrated back height adjustment; continuous back angle adjustment with quick release lever; swivel function; tilting function 10°; breathable upholstery with flame-retardant cover fabric: head cushion, back cushion, pelvic cushion, seat cushion, crotch pad; 5-point belt including shoulder pads; belt guide for 3-point vehicle belt (can be used on the right or left); prepared mounting options for all accessories

Putting into Service

- Carefully remove the transport protection and the packaging.
- Keep the packaging material and small parts out of the reach of children to prevent swallowing or choking.
- The product is delivered folded. Note the remarks for folding found in the section on adjustment options.
- The minimum back height is set when the product is delivered. Before use, ensure that the back height and back cushion are correctly adjusted to the user.

Installation in the vehicle

Hercules Prime US is placed in the desired position on the car seat. The backrest of the Hercules Prime US is continuously adjusted to the back angle of the car seat. The 3-point safety belt is first passed through the upper red belt guide (Fig. 4), then through the belt guides located in the pelvic area (Fig. 5+6). Both belt guides must be used in the pelvic area. The belt is then locked in the buckle with the belt tongue (Fig. 7) and the belt run must be checked for twisting.

Tip: Installation in the vehicle is easier if you unfold the folded Hercules Prime US after placing the seat on the vehicle seat.

Attention: If the positioning seat is used on a front seat with an airbag, the airbag must be deactivated.

Teaching the User

The user is taught how to use this device by trained staff who will reference these Instructions for Use.

Trained staff should install the seat in the vehicle with the user and adjust the seat to the measurements of the actual user.

The user has to be shown all of product's functions as well as how to install and remove it from the vehicle.

Adjustment Options / Features

Folding

Hercules Prime US can be folded for easy, space-saving transport.

Unfolding

Release the red eccentric levers on both sides of the seat to fold the seat open. (Fig. 8) Then secure the seat in the desired position. Attach the enclosed pelvic pads. Put the pelvic pads over the side guides with the padded side facing inwards. The pelvic pad is fixed to the outside and inside of the sheet metal with hook and loop fasteners. (Fig. 9)

Folding up

First remove the two pelvic pads on the left and right. This prevents the pads from being squeezed. Then release the red eccentric levers on both sides of the seat to fold the seat together. Then secure the seat in the folded position.

Back height adjustment

Loosen the back cushion at the bottom of the back panels and pull the cushion end forward towards the seat. Loosen the shoulder straps and remove the back padding (Fig. 25 B). (Fig. 10)

Using an Allen key and an open-ended spanner, loosen the four screws enough so that the back plate can be moved. (Fig. 11)

The correct backrest height is reached when the red belt guide on the upper backrest plate is approx. 2 cm above the user's shoulder. (Fig. 12)

Tighten the four screws again and attach the shoulder straps and the back pad (Fig. 25 B) to the back of the back plates.

Back angle adjustment

Use the red eccentric levers on both sides of the Hercules Prime US seat to adjust the back of the seat to the backrest of the car seat. (Fig. 7) Make sure that the positioning seat is in full contact with the vehicle seat.

Belt guide, top

Change of sides

Depending on the position of the Hercules Prime US seat in the vehicle, the upper red belt guide may be required on the other side of the seat.

First unscrew the black angle from the back plate (Fig. 13). Mount the bracket on the other side of the back plate.

Now loosen the red belt guide on the black bracket and correct the position of the red belt guide to ensure optimum belt routing in the vehicle. (Fig. 14)

Seat depth adjustment

Place the seat outside the vehicle on the back plate to gain access to the seat from below. Detach the seat cushion from the seat plate to gain access to the nuts on the seat. Loosen the seat depth adjustment screws under the seat with an Allen key. (Fig. 15) Lock the nuts above the seat plate with an open-ended spanner. (Fig. 16) Slide the upper seat plate to the desired depth. Then retighten all the screws and attach the seat cushion to the hook and loop fasteners on the seat plate.

Crotch strap adjustment

Tip: Change the setting outside the car to allow for sufficient space.

The crotch strap can be used in two positions on the seat. Loosen the belt buckle and remove the crotch pad and the seat cushion from the seat plate. (Fig. 17) It is best to place the Hercules Prime US seat on the back plate and loosen the seat depth screw connection. The two screws can be reached from below. (Fig. 15) The nuts can be found on the seat depth plate. (Fig. 16) Pull the seat depth plate out as far as possible. Now you can adjust the position of the crotch strap. Please make sure that it is threaded correctly, refer to the illustration on the seat depth plate.

Crotch strap position for small users (Fig. 18)

Crotch strap position for tall users (Fig. 19)

Now set the desired seat depth again and tighten the two screws. Thread the harness buckle through the seat pad and the harness buckle pad. Finally, thread the lower end of the harness shield pad through the seat pad in the same way as the crotch strap.

5-point positioning belt

Please note: The 5-point positioning belt is used to position the user in the seat and does not protect the user in an accident. To secure the user in the seat, the 3-point safety belt available in the car must always be used.

Adjusting the height of the shoulder straps

Loosen the shoulder straps behind the back padding. (Fig. 20) Then pass them through the belt guides in the back plate at a height suitable for the user. (Fig. 21) Please ensure that the straps are threaded correctly into the back plate, an illustration for this is located directly on the back plate. (Fig. 3)

Changing the strap length (shoulder straps)

Pull on the loose straps to shorten and tighten the straps. To lengthen the straps, press the trigger of the strap tensioners and then pull the strap to the desired length. (Fig. 22) By changing the adjustment range on the belt tensioner, you can adapt the belt even better to the user.

Changing the belt length (lap belt)

If the adjustment at the belt straps is not sufficient, you can also adjust the pelvic belt in the lower area of the back plate. To do this, loosen the threaded belt and adjust it to the desired length. Make sure that the end of the strap protrudes at least 5 cm / 2" from the slot in the back plate. (Fig. 23)

Belt buckle

To open, press on the red recess of the cap. Then separate the two upper belt holders. To close the belt, insert the belt holders individually into the latch and press them together until they click into place with an audible "click".

Headrest cushion

The head pad is held in place by four hook and loop fastener strips. These are fed through the slot in the back padding and attached to the back of the back padding. (Fig. 24)

Swivel function

The swivel function allows the carer to turn the unbuckled seat to the right or to the left towards the vehicle door to facilitate getting in and out of the vehicle.

To turn the Hercules Prime US, pull the red pull-catch (Fig. 25) and turn the seat towards the open vehicle door. When turning back, make sure that the pull-catch audibly clicks into place.

It is possible to change the direction of rotation (to the right or left). The direction of rotation (to the left or right) can be selected when ordering. If the turning function is retrofitted, the mounting material is supplied in six mounting sets (D, E, F, G, H, I). (Fig. 26) The necessary assembly must be carried out by a trained and qualified person!

Attention: If the vehicle seat does not have a straight support surface for the positioning seat, the accessory "cushion for function plate" is strongly recommended. The seat surface of the Hercules Prime US must rest on as large an area as possible, especially when using the swivel function.

Tilting function

The tilting function allows Hercules Prime US to be tilted backwards in 2.5°-steps from 0° to 10°. To set the desired tilt, loosen the two screws located in the upright rows of holes. Change the tilt and fix the tilt plate back in place with the screws. (Fig. 27)

Upholstery sets and strapping

Back cushion

The "back" cushion set consists of 4 parts. (Fig. 28)

A = head cushion

B = Back cushion

C = 2x side cover

Seat cushion

The "seat" upholstery set consists of 4 parts. (Fig. 29)

D = Seat cushion

E = 2x pelvic pads

F = Seat belt shield pad

Seat belt

Set of harnesses (Fig. 30)

G = 5-point positioning belt

H = 2x shoulder belt pads

Accessories

Remark: The assembly / disassembly of the accessories is done with standard tools.

- Allen key size 3 / size 4 / size 5
- Open-ended spanner size 8 / size 10 / size 13
- Screw locking material (Loctite®)
- Hair dryer

Cushion for function plate

Place the cushion for function plates under the Hercules Prime US seat on the vehicle seat. (Fig. 31) It is used to compensate for the shape of the vehicle seat. In some car seat models, there is little direct contact surface for the Hercules Prime US, which can cause damage to the car seat, especially when turning. To minimise this risk, the cushion compensates for the shape of the seat.

Caution: Using the cushion may increase the overall height of the Hercules Prime US. Before driving, check that there is still enough room to cover the car's roof. A distance of approx. 20 cm / 7.9" between the top edge of the positioning seat and the car headliner is recommended.

- "Mounting kit A" is required if the seat was previously equipped WITHOUT a tilt function.
- "Mounting kit B" is required if the seat was previously equipped with a swivel function.
- "Mounting kit C" is ALWAYS required.

You can put aside the unused mounting kit ("A" or "B").

Headrest

Fitting tip: To fit the headrest, hold the upholstery slot in the backrest upholstery (A) open with a spacer. (Fig. 32)

When mounting the headrest, the threaded rod must be at the bottom. Insert the threaded rod through the upholstery and screw the headrest to the back plate at the rear. (Fig. 33)

To adjust the headrest, loosen the screw that holds the headrest. Then the height of the headrest is adjusted to the user and tightened again. (Fig. 23) Make sure that the back of the user's head is centred in the headrest.

The headrest is attached to a ball joint. The headrest can be finely adjusted by loosening the screws under the upholstery. The headrest must be removed for this.

Shoulder guide

The shoulder guide provides further support on both sides in the shoulder area of the upper body. One mounting slot is available in the back plate on each side. Loosen the back padding at the top to gain access. (Fig. 34)

Mount the shoulder guide to the back plate on each side from behind with two screws each. (Fig. 35) For individual adjustment of the shoulder width, move the shoulder guides to the desired position. Now tighten the two screws and attach the back pad.

Lateral trunk supports, rigid / swing-away

For mounting the lateral trunk supports, 2 slots are available in the back plate on each side. These slots are covered by the side covers. (Fig. 36)

Push the lateral trunk support through the slot of the side cover onto the back plate to mount the lateral trunk support in the inner slot. (Fig. 37)

If you want to use the outer slot, then remove the side cover and mount the lateral trunk support directly on the back plate. (Fig. 38)

Then attach the side cover back onto the back plate and over the holder of the lateral trunk support.

Attention: Lateral trunk supports and upper body guides cannot be used at the same time!

Upper body guide rigid / swing-away

There are 2 slots in the back plate on each side for mounting the upper body guide. These slots are covered by the side cover. (Fig. 38)

Slide the upper body guide through the slot of the side cover onto the back plate to mount the upper body guide in the inner slot. (Fig. 39)

If you want to use the outer slot, remove the side cover and mount the upper body guide directly on the back plate (Fig. 40).

Then, put the side cover back on the back plate and over the upper body guide holder.

Abduction block

The holder for the abduction block is positioned on the upper side of the seat depth plate and screwed from below. (Fig. 41)

The abduction block is guided into the holder with the square tube and locked at the desired height with the toggle screw. (Fig. 42)

Leg guides

The leg guides are screwed to the left and right from below in the drill holes provided on the seat depth plate (2 screws each). (Fig. 43)

They guide the thighs and give the user more support in the thigh area.

Footrest, foldable

The footrest is inserted from the front into the receptacle under the seat plate. (Fig. 44)

Adjust the depth of the footrest to the seat in the vehicle. Screw the footrest to the sides under the seat plate using the 2 set screws supplied (1 screw per side). (Fig. 45)

With the red eccentric levers on both sides the desired angle can be adjusted. Make sure that the eccentric levers point downwards after adjustment. (Fig. 46)

Choose the height of the lower crossbar so that it supports the Hercules Prime US seat securely in the vehicle's footwell. The height can be adjusted using the side screws. (Fig. 47)

If the footrest is not at the right height for the user, loosen the footrest set screws on both sides. Adjust the height to suit the user and tighten the set screws again. (Fig. 48) Make sure that both Allen screws are on the footrest.

The folded up footplate is held by a magnet. This makes it easier to get in and out of the seat. (Fig. 49)

Stand

The stand is inserted from the front into the receptacle under the seat plate. (Fig. 44) Adjust the depth of the stand to the seat in the vehicle. Screw the stand to the sides under the seat plate using the 2 set screws (1 screw per side) supplied. (Fig. 45)

With the red eccentric levers on both sides the desired angle can be adjusted. Make sure that the eccentric levers point downwards after adjustment. (Fig. 46)

Choose the height of the lower crossbar so that it supports the Hercules Prime US seat securely in the vehicle's footwell. The height can be adjusted using the side screws. (Fig. 47)

Chest clip

First detach the back pad bonnet from the back plates to gain free access to the threaded shoulder strap. To insert the belt connector, unthread the shoulder belts from the back plate and remove the shoulder belt pad (Fig. 27 H).

Now the belt connector can be threaded onto the belt of the 5-point positioning belt. (Fig. 50) The shoulder belt pad is again positioned on the belt above the belt connector. Then the belt end of the 5-point positioning belt is threaded back into the back plate. Please make sure that the belt is not twisted and threaded onto the back plate according to the illustration (Fig. 3).

Tip: First completely assemble the chest clip on one side before you loosen the second side.

Second belt guide, top

A second upper belt guide (Fig. 51) can be fitted for flexible use on different car seats. The vehicle's 3-point safety belt can be used on the right or left side of the car seat without having to change the upper belt guide first. For more information on mounting, see "Adjustment options – belt guide, top".

Seatfix adapter

Note: Prerequisite for the use of the Seatfix adapter is an existing ISOFIX equipment of the vehicle. This must be checked before purchase!

The Seatfix adapter is pushed from behind into the receptacle under the seat plate. (Fig. 53) Loosely screw the 4 set screws supplied (2 on each side) into the holder so that the Seatfix adapter can still be moved. (Fig. 53)

Determine the required position of the Seatfix adapter: To do this, place the seat in the vehicle and insert the Seatfix connectors (with yellow trigger) into the vehicle's Isofix anchors. Check that the connectors are securely locked in place by pulling. The backrest of the Hercules Prime US must have as much contact with the backrest of the vehicle as possible. Mark the desired position at the transition between the Seatfix adapter and the seat plate.

Now loosen the Seatfix connectors and remove the Hercules Prime US from the vehicle again. Fix the Seatfix adapter in the marked position with the four threaded pins.

Stabilizing bow

The stabilizing bow is pushed into the receptacle under the seat plate from behind. (Fig. 52) Loosely screw the enclosed 4 threaded pins (2 on each side) into the receptacle so that the stabilising bracket can still be moved. (Fig. 53)

Determine the required position of the stabilising bar: To do this, place the seat in the vehicle and guide the stabilising bar between the seat surface and the backrest of the vehicle seat. The backrest of the Hercules Prime US must have as much contact as possible with the backrest of the vehicle. Mark the desired position at the junction of the stabilisation bar and the receptacle under the seat plate.

Take the Hercules Prime US out of the vehicle again and fix the stabilising bar at the marked position.

The stabilizing bow can also be used upside down, depending on the vehicle seat. To do this, mount the bracket with the bend either up or down. (Fig. 54)

Technical Data

Hercules Prime US

Seat depth	40 - 46 cm / 15.7 - 18.1"
Seat width	38 cm / 15"
Back height (seat inside)	67 - 80 cm / 26.4 - 31.5"
Back width (seat)	45 cm / 17.7"
Shoulder height (belt guide)	42 - 64 cm / 16.5 - 25.2"
Shoulder width with shoulder guide	42 - 51 cm / 16.5 - 20.1"
Back angle (max.)	120°
Seat tilt-in-space (with tilting base 10°)	0° / 2,5° / 5° / 7,5° / 10°
Lower leg length (with foot rest)	17 - 43 cm / 6.7 - 16.9"
Height of lateral trunk supports (upper edge)	26 - 36 cm / 10.2 - 14.2"
Distance lateral trunk supports (max.)	35 cm / 13.8"
Max. overall dimensions (w x h x d)	52 x 88 x 43 cm / 20.5 x 34.6 x 16.9"
Min. folded dimensions (w x h x d)	52 x 21 x 73 cm / 20.5 x 8.3 x 28.7"
Weight of seat (basic model)	13.4 kg / 29.5 lbs
Body height user	130 - 180 cm / 51.1 - 70.9"
max. user weight	80 kg / 176.4 lbs

Material Specifications

Padding: Polyester – Trevira CS

The material used for the padding is “flame retardant” and was tested in accordance with DIN EN 1021-1 and DIN EN 1021-2.

The material and components underwent standard testing to determine the extent of their resistance to inflammation and were assessed as being very unlikely to catch fire.

The 100% Trevira CS material is a high-quality, breathable material and tested positive for biocompatibility. (DIN EN ISO 10993-5 and 10993-10 Trevira CS, black)

Cleaning, Maintenance, and Repair

Cleaning, Care Instructions, and Disinfection on a Daily Basis

Padding

The padding can be easily removed in a few simple steps and washed separately. The padding consists of a fabric cover and sometimes fillers made of foam. Check if the padding has a zipper or a hook and latch fastener. If it does, open the padding and remove the foam filler before washing the cover. Please also note the following care instructions.



We would like to point out that even high-quality materials can fade as a result of long and intense exposure to sunlight or frequent washing.

When changing users, a “padding set for reuse” is offered by the manufacturer.

Hook and Loop Fasteners

To keep the hook and loop fasteners working well, clean them now and then with a brush. Always close or cover the hook and loop fasteners before washing.

Plastic Parts

The plastic parts on the product can be cleaned and disinfected with standard soap (neutral soap).

Metal Parts

The metal parts on the product can be cleaned and disinfected with standard soap (neutral soap).

Disinfection

Clean the padding, plastic parts, and metal parts before disinfecting.

Damp wipe all the plastic and metal parts on the product with disinfectant. Only water-based products should be used. When disinfecting note the directions from the manufacturer in question.

The padding and the covers have to be disinfected before reusing. To do so use the right detergent in keeping with the guidelines of the Association of Applied Hygiene VAH (Verband für Angewandte Hygiene e.V.) or use a “padding set for reuse” offered by the manufacturer.

Maintenance and inspection by the distributor

Preparation

A copy of the Instructions for Use has to be enclosed with the product. If one is not available, request a copy from the distributor. Familiarise yourself with how the product works. If you are not familiar with the product, read the Instructions for Use before testing it. Clean the product before starting to test it. Please note the care instructions in the Instructions for Use and product-specific test instructions. If you have further questions, please contact the staff member you dealt with or Thomashilfen directly.

Service and repairs to the product should only be done by qualified staff. It is the user's responsibility to ensure that the prescribed inspections / maintenance are done regularly and in a timely fashion. If damage is apparent, the user has to actively inform and have the damage fixed immediately by qualified staff.

Maintenance Schedule – Annual Inspection

	Area	Function	Damage	Replace
1	Seat unit	👁 / ↻	👁 / ↻	
2	Angle adjustments	👁 / ↻	👁 / ↻	
3	Padding		👁	↻
4	Belts	👁 / ↻	👁 / ↻	
5	Plastic parts	👁 / ↻	👁 / ↻	
6	Screws and nuts	👁 / ↻	👁 / ↻	
7	Labels		👁 / ↻	
Accessory				
8	Padding		👁	↻
9	Adjustment options	👁 / ↻	👁 / ↻	
10	Plastic parts	👁 / ↻	👁 / ↻	
11	Metal parts	👁 / ↻	👁 / ↻	
12	Screws and nuts	👁 / ↻	👁 / ↻	
done by:			on:	
👁 = Inspection ↻ = Reuse ✓ = Test completed				

Spare Parts

Only original spare parts should be used for repairs. A list of the spare parts is available at www.thomashilfen.de. To receive the right spare parts or for possible technical recalls, we normally require the serial number / UDI-PI and the exact UDI-DI.

Removal / installation of spare parts should only be done by qualified staff! In the event of returns, please make sure the product is securely packaged for transportation.

Storage

Store the product in a safe place when it is not being used. Do not lay or put any heavy objects on the product while it is being stored. Protect the product from weather like rain, intense sunlight, and frost. If the product is wet, wipe the metal and plastic parts dry and let the padding dry before storing the product.

Disposal

If the product is no longer usable due to its condition or it has reached the end of its service life, it can be recycled at the local waste disposal company. Please refer to the local guidelines for recycling and disposal.

Technical standards and CE marking

Hercules Prime US meets the requirements of FMVSS 213 and the UN standard ECE R 44/04 and is provided with a CE marking.

Warranty

Thomashilfen offers you the two-year warranty as required by law for this product. The warranty period starts when the item is handed over. The warranty includes all claims which impact function. Not included is damage which is the result of improper use (e.g. overloading) and natural wear and tear.

Period of Use

The product has a period of use of up to 6 years if used correctly and serviced regularly by a professional as per the information from the manufacturer. The product can be used beyond this point if it is in safe and technically sound condition. Time spent in storage at the distributor does not count towards the period of use.

The theoretical period of use does not equate to a guaranteed service life. It depends on the intensity of use and always undergoes an individual assessment by the distributor.

The period of use does not apply to wear parts like padding, covers, etc.

Service Life

The product has a service life of 8 years or 2 reuses (3 users) if the requirements stipulated for the period of use are met. The service life consists of the period of use and the storage times between reuses.

Registration of the new product

Register your new car seat. Restraints could be recalled for safety reasons. You must register this restraint to be reached in a recall. Send your name, address, email address if available, and the restraint's model name, manufacturing date and serial number to:

Thomashilfen North America
14221 29th St E, #101 · Sumner, WA 98390 · USA

For recall information, call the U.S. Government's Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153) or go to www.NHTSA.gov.

Contact a Child Passenger Safety (CPS) technician.

You can find a CPS technician in your area at www.nhtsa.dot.gov. Click on "Child Passenger Safety" and select "Certified Child Passenger Safety Technician Locator."

Attend a car seat check-up in your area.

More information about car seat check-ups is available at www.nhtsa.dot.gov under "Child Seat Inspections" or at

www.seatcheck.org. You can also call 1-855-SEAT-CHECK to find the next or closest seat check event.