



Zitzi
Starfish Pro



User manual

User manual, mounting and adjustment instructions,
service, maintenance and reconditioning



This user manual refers to hygiene chair Zitzi Starfish Pro with accessories. For a complete overview of the intended accessories, see the product's orderform.

Table of contents

| | | | |
|---|-----------|-------------------------------------|-----------|
| Manufacturer..... | 3 | Back..... | 21 |
| Customization..... | 3 | Hip angle..... | 22 |
| Introduction | 4 | Tilt of the seat unit..... | 23 |
| General..... | 4 | Hip support..... | 24 |
| Correspondence - marking..... | 4 | Armrest back..... | 25 |
| CE-marking - classification..... | 4 | Armrest chassis..... | 26 |
| Declaration of conformity..... | 4 | Standard table..... | 27 |
| Inteded purpose..... | 4 | Support table..... | 27 |
| Symbol list..... | 5 | Headrest | 28 |
| Product labeling..... | 6 | Driving handle | 28 |
| Safety precautions | 7 | Harnesses..... | 29 |
| Education and qualifications..... | 7 | Hipbelt..... | 30 |
| Warnings and precautions..... | 7 | Footrest | 31 |
| Control before use..... | 9 | Calf support | 33 |
| Restrictions | 10 | Wheels..... | 34 |
| Remaining risks | 11 | Antitipper | 34 |
| Combinations..... | 11 | Potty..... | 35 |
| Divergency/Incidents | 11 | Urine protection..... | 36 |
| Technical data/Performance..... | 12 | Splash guard..... | 37 |
| Adaptation and customization..... | 13 | Summary and follow-up..... | 38 |
| Mounting and adjustment instructions. 14 | | Service and maintenance..... | 39 |
| Chassis..... | 15 | Control before use..... | 39 |
| Seat part..... | 19 | Service and maintenance..... | 40 |
| Abduction/Adduction support..... | 20 | Reconditioning | 41 |
| | | Recycling | 44 |
| | | Warranty and complaint | 45 |
| | | Revision..... | 46 |

Manufacturer

This product is manufactured by **Anatomic Sitt i Norrköping AB**

| | |
|----------------------------|---|
| Postal address | Anatomic Sitt AB, Box 6137, SE-600 06 Norrköping |
| Street address | Anatomic Sitt AB, Terminalgatan 1, SE-603 61 Norrköping |
| Phone | +46 11-161800 |
| Email | info@anatomicsitt.com |
| Webb | anatomicsitt.com |
| Instructions movies | youtube.com/anatomicsitt |
| Follow us on | facebook.com/anatomicsitt |

Eudamed-registration number/SRN: SE-MF-000002240

Customization



Check the check box if the product is CUSTOMIZED.

The CE Mark is no longer valid and should be removed.



Introduction

General

In order for you to make full use of the aid in a safe way, it is important that you read this user manual properly. This concerns the caregivers and family who are nursing the user. The user is the person sitting in the device and the caregiver is the person operating the device.

Save the user guide/manual for future reference. New editions are available for download from our website www.anatomicsitt.com. Information about the latest revision can be found on the front page along with the date.

Correspondence - marking

The product label and its packaging contains the reference number (REF) and serial number (SN - for main products) or batch number (LOT - for accessories). These numbers shall be provided in correspondence with Anatomic Sitt. You find the serial number on the front of the frame.

CE-marking - classification

The device with its accessories is a CE-marked medical device, Class I according to the classification rules of Annex VIII (EU) 2017/745.

Declaration of conformity


















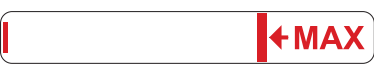
The device complies with the requirements for medical devices under Regulation (EU) 2017/745 on medical devices. See the current EU declaration of conformity for product variants and accessories, see www.anatomicsitt.com/documents

Inteded purpose

Zitzi Starfish is a height-adjustable toilet and shower chair with wheels, intended to enable personal hygiene for people with difficulty using a standard toilet or shower. The chair has several setting possibilities and can be equipped with various accessories to achieve a specific sitting position.






Zitzi Starfish Pro is a reusable product.

Symbol list






| | | | |
|--|---|---|--|
|  | This symbol is found in the user manual and draws the reader's attention to e.g. important safety information etc. |  | Indicates the manufacturing batch number so that batch can be identified. |
|  | This symbol indicates any risk of pinching. |  | Indicates that the product is a medical device. |
|  | The symbol indicates instructions and tips which makes it easier when using the product. |  | Indicates the manufacturer's reference number/article number so that the medical device can be identified. |
|  www.anatomicsitt.com | Indicates that the operating instructions should always be read before use. Web address indicates where the document is located electronically. |  | Indicates the manufacturer's serial number so that a specific technical product can be identified. |
|  | Indicates that the user manual should be read to obtain important safety information about e.g. warnings not to be found on the product label. |  | Unique product identifier such as enables unambiguous identification of specific medical devices. |
|  | Indicates the manufacturer of the medical device as defined in (EU) MDR 2017/745. Can also be used together with the date of manufacture. |  | Indicates that the product is CE marked according to applicable EU directives. |
|  | Indicates the date when the medical device was manufactured. |  | Sticker on drive handle. Specifies control for backrest angle |
|  | Indicates that electronic products should not be handled as general waste. |  | Sticker on drive handle. Specifies control for tilt angle |
|  | Decal on the frame. Specifies controls for locking the backrest angle | | |
|  | Decal on the armrest and hip support. Indicates the maximum distance you can adjust the support in width. | | |

Product labeling

Label for main product

| | | |
|--|---|-----------------------------------|
| MD | Zitzi Starfish Pro Hydraulisk, sittdel delad stl. 2 <i>Starfish Pro Hydr. seat divided size 2</i> | → Product name |
| REF 689417 | 2023-11-15 | → Bar code (EAN-13 or REF and SN) |
| SN 62722 | | |
|   | | → Max loadweight incl. user |
|  | | |
| Anatomic Sitt i Norrköping AB Terminalgatan 1, SE 603 61 Norrköping www.anatomicsitt.com   | | → UDI-carrier: QR-code (GS1-128) |
| UDI | (UDI=GTIN+(21)SN) (01)7322476894178(21)62722 | → UDI= GS1-128 |

Label for accessories

| | | |
|--|--|------------------------------------|
| MD | Höftstöd stl. 1-2 kpl. (par) - Starfish Pro <i>Hipsupport size. 1-2 - Starfish Pro</i> | → Product name |
| REF 689481 | 2023-11-01 | → Bar code (EAN-13 or REF and LOT) |
| LOT FM712928 | | |
|   | | |
|  | | |
| Anatomic Sitt i Norrköping AB Terminalgatan 1, SE 603 61 Norrköping www.anatomicsitt.com   | | → UDI-carrier: QR-code (GS1-128) |
| UDI | (UDI=GTIN+(10)LOT) (01)7322476894819(10)FM712928 | → UDI= GS1-128 |

Safety precautions

Education and qualifications

- Mounting, service and reconditioning must always be done by qualified personnel, (technicians at an aidcenter or equivalent).
- Decisions on adaptation/special adaptation must be made by qualified medical personnel and performed by qualified professional personnel (technicians at an aidcenter or equivalent).
- Settings, adjustments and testing of the aid must always be carried out by qualified medical personnel (specialist personnel at an aidcenter or equivalent).
- The aids prescriber or person with equivalent competence and knowledge of the user and the aid should always be involved in trying out the product and carrying out a risk assessment before first use.

Warnings and precautions



Always read the user manual before use.



Settings may only be done by qualified professionals. It is only permitted to make settings in the manner described in this user manual.



Check the function of the product before handing it over to the user.



The person who are prescribing the aid is responsible for instructing the user and/or other persons in its immediate environment how to use the product safely. Always check the function of the product before use.















Prescriber or person with equivalent competence and knowledge of the user to balance in the selected seat to ensure that any tipping risk is excluded.



Adjustments may only be made in the way described in this instructions for use.



After all mounting and adjustment or service work is done, check and tighten all fastening screws and nuts.

-  The brakes must always be locked when getting in and out.
-  The castors can collide with the footplate in some cases. Note that the steering ability therefor can be affected and settings may need to be changed.
-  Never use the footplate when getting in and out of the aid.
-  Consider the risk of pinching when lowering/raising the seat or changing the tilt. Have no hands under the seat during adjustments.
-  Be careful and be aware of the increased risk of tipping when using the chasis on sloping surfaces. The chassis should only be parked on horizontal and level surfaces.
-  Always lift in the chassis - never in the seat.
-  Never lift the seating system with the user in the seat.
-  Never do service while using the product.
-  Note that if the user grabs objects outside the aid or leans too far out of the aid, a center of gravity shift can occur, which can lead to an increased risk of tipping.
-  Never overload the device, see section Restrictions for the current maximum load.
-  Never leave the user unattended when using the aid.
-  Always check after use to detect redness or pressure marks on the patient.

Control before use

Inspection and control must be performed before each use according to below:

- Check the product and its accessories for loose parts, wear and injuries. In particular, check screws and nuts as well as knobs.
- Check that the seat is securely attached to the chassis.
- Check the stability of the product.
- Check the function of any anti-tip devices.
- Check the function of the brakes.
- Check the condition of the wheels and that they are fastened.
- Check the product's moving functions, such as back angle, tilt, height adjustment, etc. regarding mobility and locking.
- Check the condition and adjustment of wires for tilt and back angle.
- Check belts and harnesses for wear, function and attachment.

If defects are noticed, do not use the product. Contact your distributor of the aid for action.

Restrictions

Max load

Max load weight is: 150 kg.

Life time

The expected life of the product is 5 years in normal use in accordance with the intended purpose of the product, provided that the instructions in these operating instructions are followed. The actual service life can, however, vary depending on how frequently and intensively the product is used, but is a maximum of 10 years.

Gas piston

If the product is to be stored for an extended period of time, consider the following:
Gas piston should be used regularly to maintain its function. If the product is not used, the gas piston should be activated at least once every 6 months.
Further, they should be stored so that the piston rod is placed facing downwards.
Otherwise, the gas spring seal might break and the gas piston fail.

Remaining risks

Be aware that the product and its accessories are set correctly so that the user does not suffer any discomfort or injury during use.

If this is the case, adjustments must be made or suitable accessories fitted.

Combinations

To ensure that the product retains its CE marking, the device may only be used with seating systems, accessories and spare parts supplied by Anatomic Sitt AB. See the products order form for recommended seating systems and possible accessories. For spare parts see exploded view.

However, the product can be fitted with CE-marked belts/harnesses and headrest/neckrest from another supplier with retained CE-marking if the following points are fulfilled:

- It must be stated in the third party's documentation that the combination is possible and approved (that the third party's product is intended for use on hygiene chairs and that the third party approves the use on other hygiene chairs)
- That the products original attachment points are used and that belts/harnesses and headrests/neckrests are attached to the intended brackets for this hygiene chair from Anatomic Sitt AB. The brackets must fit the actual third-party product. No modification/adaptation may be made to any of the products to enable the combination.
- Assembly instructions for head support and belts/harnesses from Anatomic Sitt AB must be followed and can be found under the section Assembly and adjustment instructions later in this documentation. No other products or accessories may therefore be attached to a third party product.

Note that a risk assessment must always be made when products from different suppliers are combined. The assessment should be archived. The product must never be dangerous to the user or persons in its vicinity.

Divergency/Incidents

If the product is unusable product, contact your aids center or dealer/manufacturer.

If a serious incident occurs, it should be reported to Anatomic Sitt AB and to the country's competent authority.

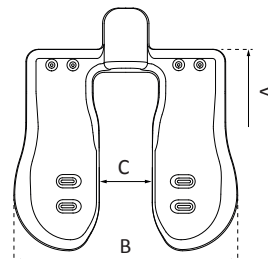
Technical data/Performance

Starfish Pro

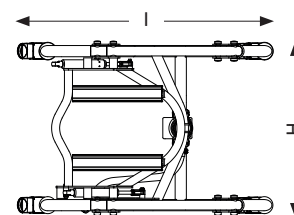
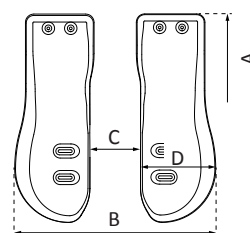
| | Size 1 | Size 2 | Size 3 |
|--|------------------------------|------------------------------|------------------------------|
| User length | ca. 120-145 cm | 140-175 cm | 170-200 cm |
| Chassi with whole seat part | Seatpart whole size 1 | Seatpart whole size 2 | Seatpart whole size 3 |
| Seat depth (A) | 300-380 mm | 360-470 mm | 450-550 mm |
| Seat width (incl cushion) (B) | 365-395 mm | 435-465 mm | 495-525 mm |
| Size hygiene outlet (C) | 80-110 mm | 100-130 mm | 125-155 mm |
| Chassi with divided seat part | Seatpart div. size 1 | Seatpart div. size 2 | Seatpart div. size 3 |
| Seat depth (A) | 300-380 mm | 360-470 mm | 450-550 mm |
| Seat width (B)* | 350-480 mm | 380-510 mm | 390-520 mm |
| Width leg part incl. cushion (D) | 165 mm | 185 mm | 200 mm |
| Size hygiene outlet (C) | 50-180 mm | 40-170 mm | 30-160 mm |
| Clearance toilet, Man. Chassis | 41-51 cm | 41-51 cm | 41-51 cm |
| Clearance toilet, Hydralisk/El | 41-66 cm | 41-66 cm | 41-66 cm |
| Seat height, Manual Chassi ** | 50-63 cm | 50-63 cm | 50-63 cm |
| Seat height, Hydraulic/Electric** | 50-78 cm | 50-78 cm | 50-78 cm |
| Tilt | -5° to +30° | -5° to +30° | -5° to +30° |
| Hip-/Back angle | -10° to +35° | -10° to +35° | -10° to +30° |
| Chassis, width (H) | 540 mm | 540 mm | 590 mm |
| Chassis, length (I) | 690 mm | 690 mm | 790 mm |
| Wheels | 100 mm | 100 mm | 100 mm |
| Floor clearance | 65 mm | 65 mm | 65 mm |
| Approx. weight incl. headrest, footrest, armrest | 31 kg | 33 kg | 35 kg |
| Max user weight Man. chassi: | 150 kg | 150 kg | 150 kg |
| Max user weight Hydraulic/El: | 150 kg | 150 kg | 150 kg |

* Seat parts mounted in the outer tracks
** excl. cushion

WHOLE SEAT PART



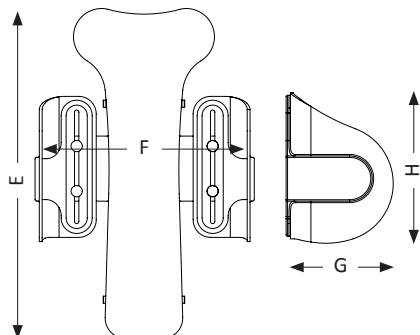
DIVIDED SEAT PART



Frame colour: RAL 9010

| BACK | Height (mm) | | LATERAL SUPPORT (mm) | | |
|--------|-------------|---------|----------------------|-----------|------------|
| | Plastic (E) | Profile | Width (F) | Depth (G) | Height (H) |
| Size 1 | 460 | 450 | 210-300 | 140 | 210 |
| Size 2 | 560 | 550 | 240-340 | 170 | 230 |
| Size 3 | 660 | 650 | 300-400 | 200 | 260 |

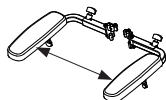
The lateral support bracket is freely adjustable in height on the back profile. Each lateral support can be individually adjusted 85 mm in height and 45 mm in width.



ARMRESTS

Armrest from back
Armrest size 1
Armrest size 2
Armrest size 3

Measure inside armrest
30 - 42 cm
36 - 48 cm
44 - 54 cm

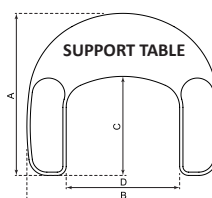
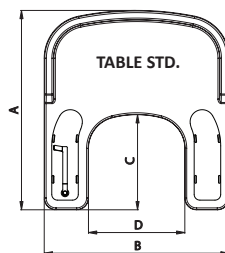


TABLES

Measures

| Table std. | A | B | C | D |
|------------|--------------------------|---|---|---|
| Size 1 | 480 x 450 x 240 x 250 mm | | | |
| Size 2 | 540 x 515 x 260 x 290 mm | | | |
| Size 3 | 570 x 570 x 280 x 340 mm | | | |
| Size 4 | 660 x 600 x 320 x 385 mm | | | |
| Size 5 | 660 x 650 x 320 x 435 mm | | | |

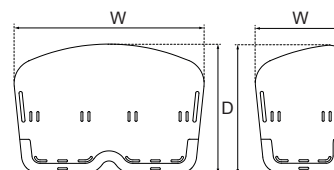
| Support table | A | B | C | D |
|---------------|--------------------------|---|---|---|
| Size 1 | 380 x 450 x 230 x 260 mm | | | |
| Size 2 | 430 x 510 x 260 x 300 mm | | | |
| Size 3 | 490 x 580 x 300 x 340 mm | | | |
| Size 4 | 540 x 640 x 330 x 380 mm | | | |
| Size 5 | 620 x 740 x 380 x 440 mm | | | |



FOOTREST

measure W x D

| | |
|----------------|--------------|
| Whole size 1 | 345 x 225 mm |
| Whole size 2 | 380 x 260 mm |
| Whole size 3 | 380 x 300 mm |
| Divided size 1 | 160 x 220 mm |
| Divided size 2 | 180 x 255 mm |
| Divided size 3 | 180 x 305 mm |



Whole footrest

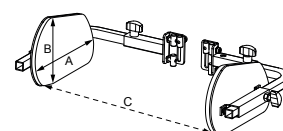
Divided footrest

| Size: | 1 | 2 | 3 |
|----------------|----|----|-------|
| Profile length | 30 | 40 | 40 cm |

HIP SUPPORT

A x B x C (min-max)

| | |
|----------|------------------------|
| Size 1-2 | 220 x 140 x 350-450 mm |
| Size 3 | 260 x 165 x 410-510 mm |



Adaption and customization

Recommendations

Every time the product is changed in some way, an assessment has to be made to determine if it is an adaptation or a customization.

An adaptation is any change made in comprehension of the CE mark. All other changes are customizations. Adaptations must only be made by a person deemed to be qualified for the task and should always be made in a professional manner.

Allowed adaptations within the framework of CE marking

The footrest profile may be shortened to fit the user better.

The length of the armrest profile may be shortened to better fit the user. Remember to move the decal that Indicates the MAX adjustment range.

The length of the hip support profile may be shortened to better fit the user. Remember to move the decal that Indicates the MAX adjustment range.

The length of the backrest profile may be shortened. The profile must never be shorter than all brackets for the back plate can be mounted on.

The urine protection can be cut to the desired length.

Risk assessment

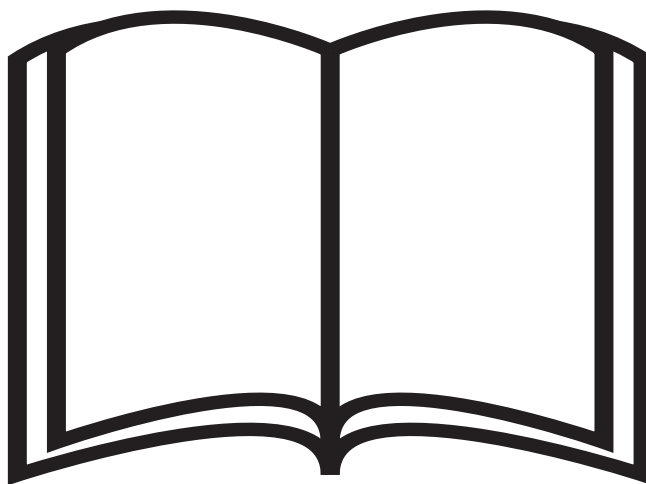
Note that a risk assessment always should be done for an adaptation as well as for a customization of a medical aid. The product must never become dangerous to use after adaptation.

Marking

The product should be notified that it is adapted to a specific user so that it can not be mistaken for a standard product.

Mounting and adjustment instructions

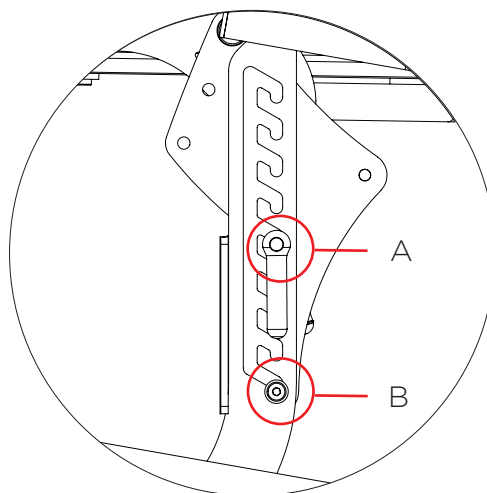
Mounting must always be done by qualified personnel, (technicians at an aidcenter or equivalent). Instruct the user and/or other people close to the user about the product's functions so that the aid can be used safely.



Chassis

Manual chassis

The seat unit can be adjusted to the desired height before the patient is in the seat. Release the lever (A) on both sides (position (B) is not fully tightened, but helps to control the cradle in the tracks). Lift the seat out of the tracks and slide the seat to the desired height. Be sure to push down the seat firmly in the slots. Finish by tightening the lever (A) firmly.

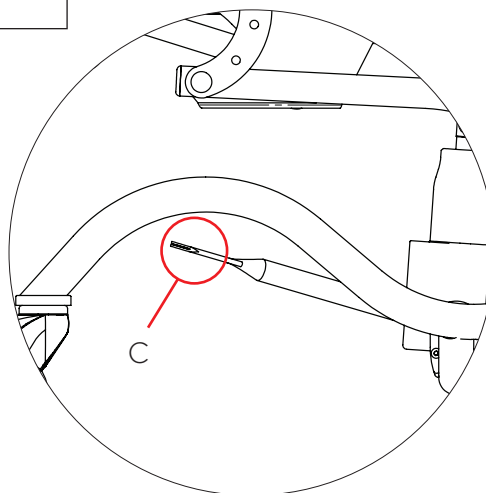


Height adjustable chassis - gas piston

The seatpart is height adjustable to reach any desired height. You adjust the height by stepping on the pump handle. Make shore that you step on the pump handle with smooth movements so that the adjustment is comfortable for the user. To lower the chassi place the foot underneath the pump handle and push it up.



Be careful to avoid risk of pinching.



Height adjustable chassis - electric

The seat height can be adjusted with an electric hand control (D):



- Up arrow raises the seat plate
- Down arrow lowers the seat plate



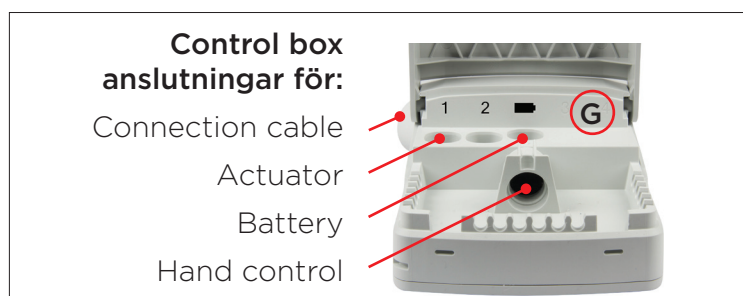
Be careful to avoid risk of pinching.



Connections

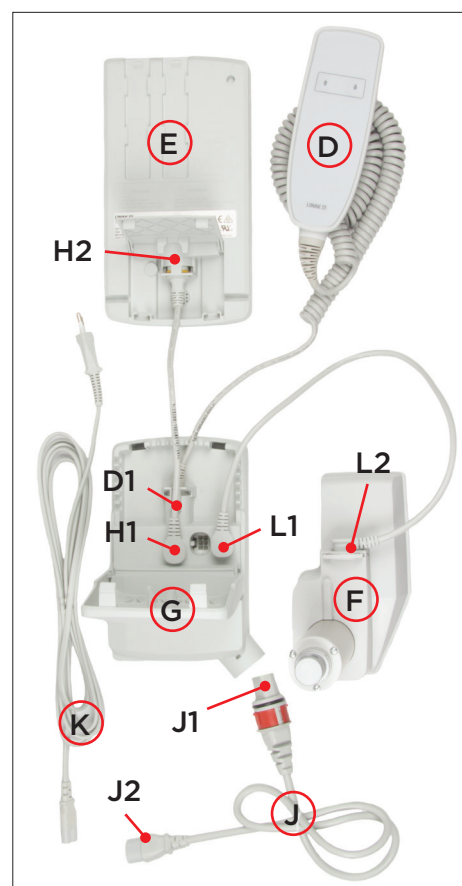
Connect hand control (D1) to control box (G). Connect battery cable (H1) to control box and the battery (H2). Actuator cable (L1-L2) is used between the control box and the actuator (F).

The connection cable (J1) is plugged in the control box. Use cable ties to attach the cable to the chassis frame in a way that the contact (J2) is faced down to avoid water problem.



Components:

- D - Hand control
- E - Battery
- F - Actuator
- G - Control box
- H - Battery cable
- J - Connection cable
- K - Charging cable
- L - Actuator cable



Charging the battery

Attach the charging cable (K) between the connection cable (J2) and a wall socket (220V). The first time you charge the battery do it about 24 hours. To avoid battery failure, don't let the battery run out of power completely.

The battery for Starfish Pro - electric is always delivered fully charged.



Recharging of the battery must take place every 6 month.

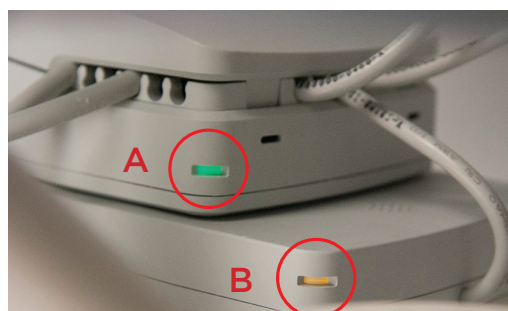
Recommendations

- Do not fully discharge the battery
- Do not exceed the storage temperature as it will shorten the battery life and performance.
- Do not exceed the duty cycle (see product label) as it will shorten the battery life, reduce performance and eventually activate excess temperature protection.
- If the battery is completely discharged, then recharge the battery before storage.

Control box CA40

The control box has a LED-light indication (A) for mains or battery operation.

| LED-colour | Indication |
|--------------|---|
| Green | Connected to mains |
| Orange | Battery ON, activated by hand or foot control. The system is working. |
| No LED light | Battery ON, not activated by hand or foot control or control box not connected to mains |



Battery BA21

- Duty cycle: 5 % (1 minute continuous use followed by 19 minutes not in use).
- Charging time: approx. 10 hours
- Operating temperature: + 5°C to + 30°C
- Storage temperature: - 10°C to + 40°C (+ 10°C to + 25°C recommended)

The battery has a LED-light indication (B)

| LED-colour | Indication |
|-----------------|-----------------------|
| Solid yellow | Charging |
| No LED light | Fully charged |
| Flashing yellow | Error during charging |

Buzzer functionality

The buzzer will make a warning when a button on the hand control is pressed and the battery capacity is low.

The buzzer can also be activated by the control box to signal other conditions. This must be specified in the control box software.

Deep discharge protection

- The battery BA21 has a protection against deep discharge to protect the battery life. The protection is activated when the battery is discharged.
- Charge the battery to exit the deep discharge mode. Ensure that the battery is sufficiently charged before use.

If the battery is completely discharged, the charging will be started at a very small rate to protect the battery. In this case the yellow LED will be flashing. If the battery does not stop flashing and start charging normally within 12 hours (LED – solid yellow), the battery is defect and must be replaced.

Follow the disposal instructions.

Safety feature

The battery contains several mechanisms to protect itself from being damaged due to excessive use.

In case of overheating, the device will activate a thermal protection. No power output will be available until the temperature has returned to normal operating range. Overheating can occur through extensive use, at high temperatures or through overheating.

Duty cycle guideline: approx. 10% (2 minute continuous use followed by 18 minutes not in use).

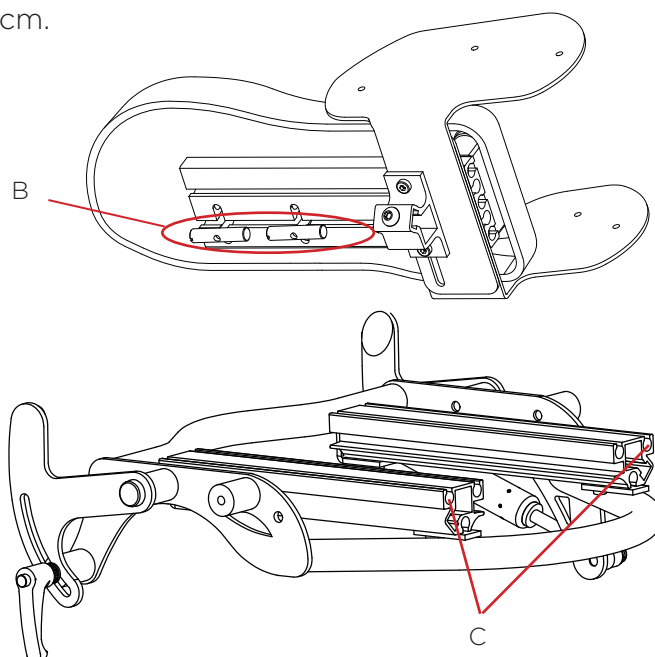
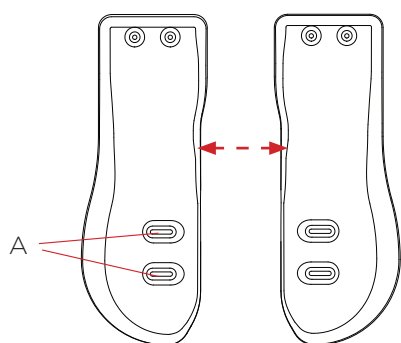
Seat part

Seat width, depth, leg length different and abduction of the legs is easy to adjust. Take away the cover and the hole fillers to access the screws (A).

Width adjustment of the seatparts

Slightly loosen the screws (A). The seat parts can now easily be adjusted about 3 cm sideways on each side. If greater adjustment is needed, the entire seat parts can be pulled out from the profiles and the rail pins (B) are then pushed into the outer track of the profiles (C) as shown below, which gives 3.5 cm extra width on each side. Total width adjustment is about 13 cm.

Lock the screws (A) after adjustment.

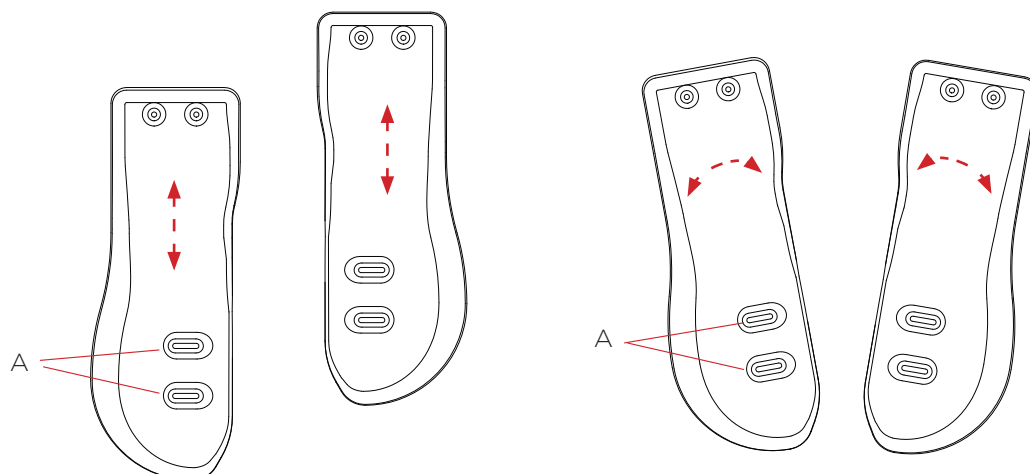


Be careful not to adjust the screws all the way out!

Adjustment of the seat depth/ abduction

Release the screws (A) then the seat parts can be adjusted by hand.

Adjust the seat part. Lock the screws firmly when you are done with the adjustment.



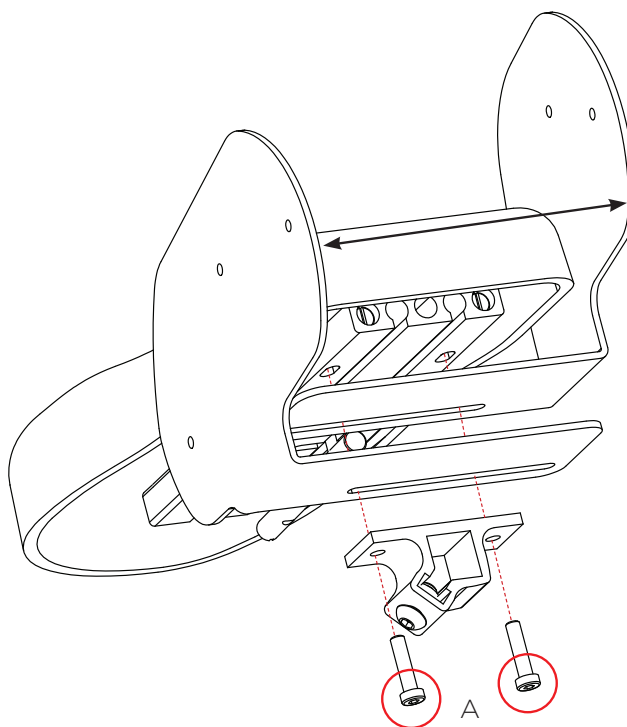
Abduction/Adduction support

Assembly

Release the screws (A) and mount the supports so that You see the holes through the lines on the support. Mount the screws through the lines in to the holes.

Adjustment

Release a little bit on the screws (A) so that You are able to slide the support sideways. Adjust the support to desired location and then fix the screws firmly.

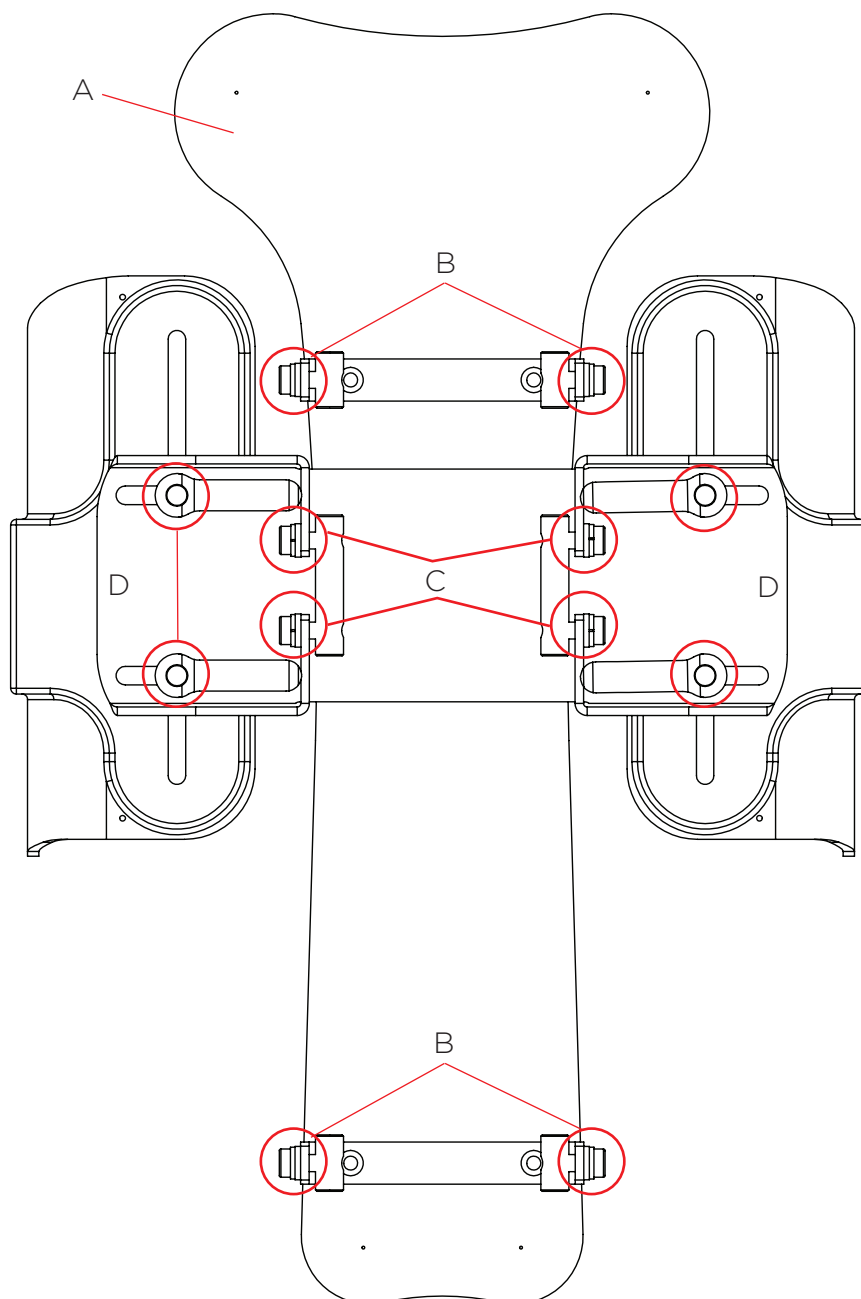


Back

To adjust the back part (A), release the four screws (B) that attach the back part to the profile. Adjust the back part to desired height and fix the screws (B) firmly.

Roughly adjust the height of the trunk support by releasing the four screws (C) that attach into the profile. Attach to desired height and fix the screws firmly (C).

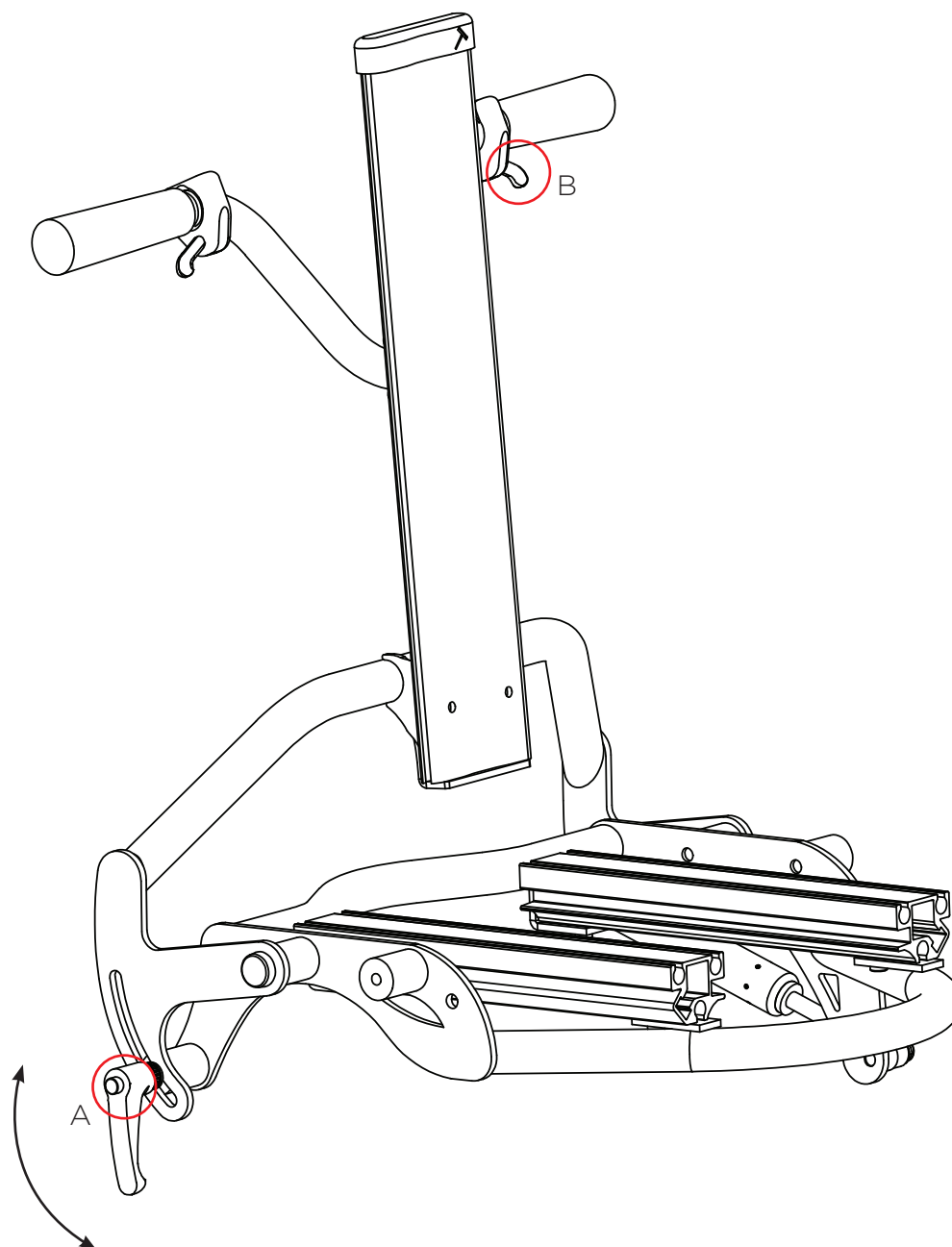
The trunk support can now be tweaked through releasing the lever knobs (D). Adjust the trunk supports to your desired position and then fix the lever knobs firmly (D).



Hip angle

When the hip angle shall be adjusted: Start with releasing the security knob (A). Make sure to have a secure grip of the driving handle at the same time push the trigger to the gas spring (B).

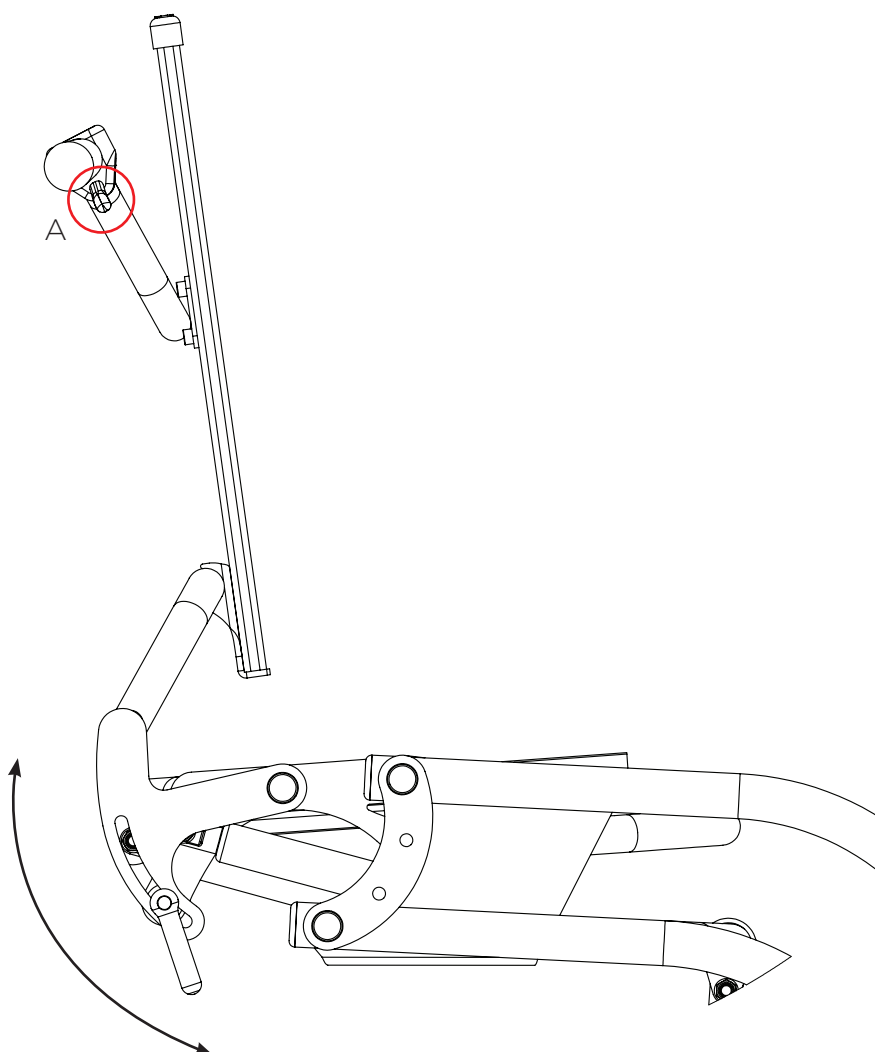
Adjust the back to the desired angle and release the trigger (B). Fix the security knob firmly when you are finish (A).



Make sure the wires for the trigger to the gas piston always moves freely after adjustment! Remember to tighten the safety lever!

Tilt of the seat unit

When the angle of the seat shall be adjusted, make shore to have a secure grip of the driving handle at the same time push the trigger for the gas spring (A). Adjust the seat to desired angle and release the trigger (A). Make sure to have the patient under supervision at all time when doing the adjustment so that the patient does not squeeze or get hurt.



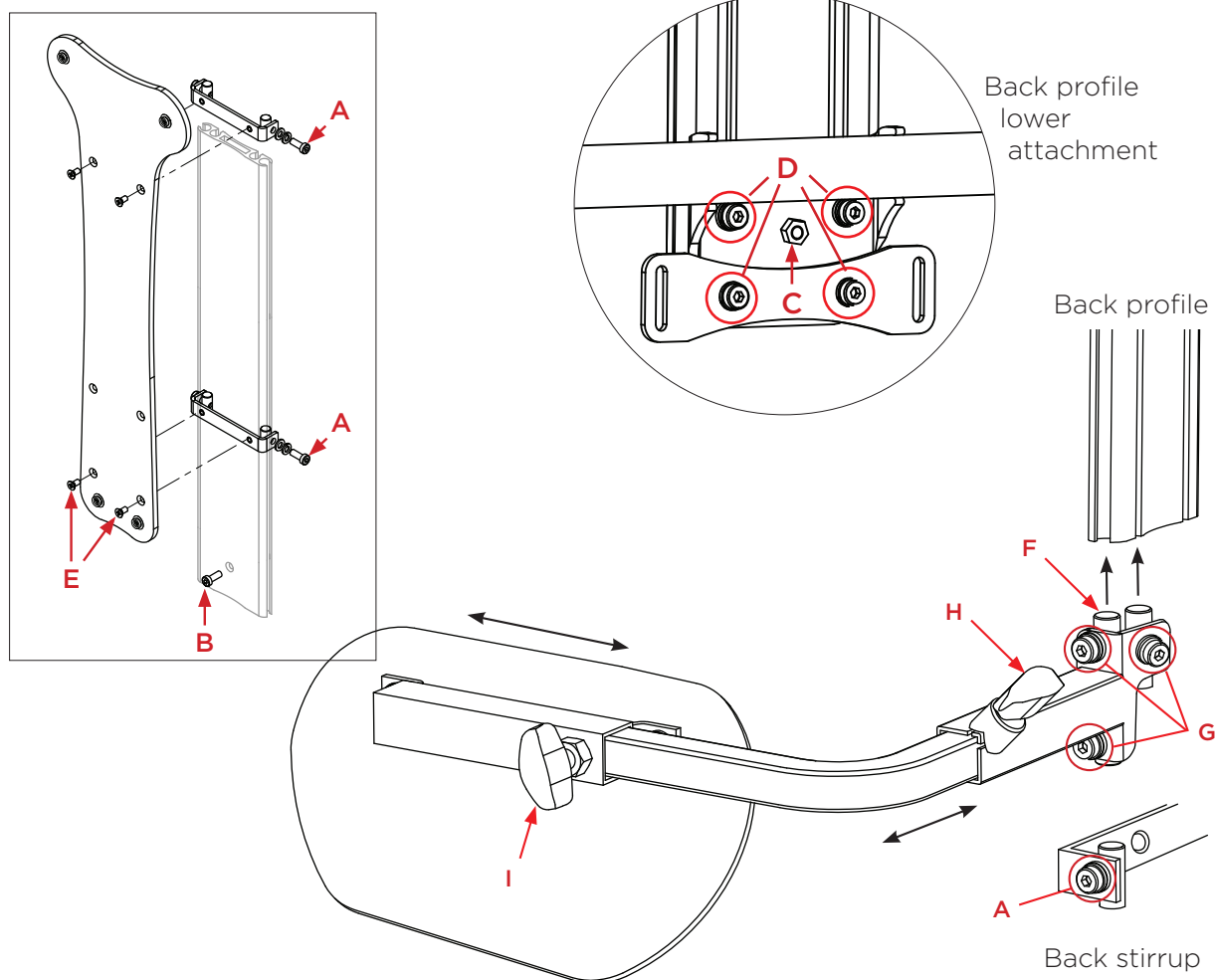
Make sure the wires for the trigger to the gas piston always moves freely after adjustment!

Hip support

The hip support should be fitted into the lower edge of the back profile, over the back stirrup. First, the back plate's railpin must be loosened with the screws (A). Slide the back plate up enough to expose the screw (B) and remove the screw and nut (C). Release the back profile from the frame mount by loosening the screws (D). Lift the back profile out of the frame mount. Next, the lower back bracket to the back section must be removed by removing the screws (E). Then insert the railpins into the hip support bracket (F) and slide it up to the desired height under the armrest bracket. Tighten the screws (G). Mount the back brace (A) to the back section and tighten the screws. Mount the back section to the frame and tighten the screws (B, C and D). Screw the back plate with the screws (E) into the back bracket and adjust it to the desired height.

Adjustment:

Adjust the height of the hip support with the screws (G), the side with the knob (H) and the depth with the knob (I).



The width of the hip support must not be adjusted outside the MAX markings.

← MAX

Armrest back

Mounting the armrest

The armrest shall be mounted on the back in the profile. Mount the armrest according to the picture. Adjust to desired height. Fix the screws firmly (A).

Adjustment of the width

Release the lever knob (B). Adjust to desired width. Then fix the lever knob firmly.

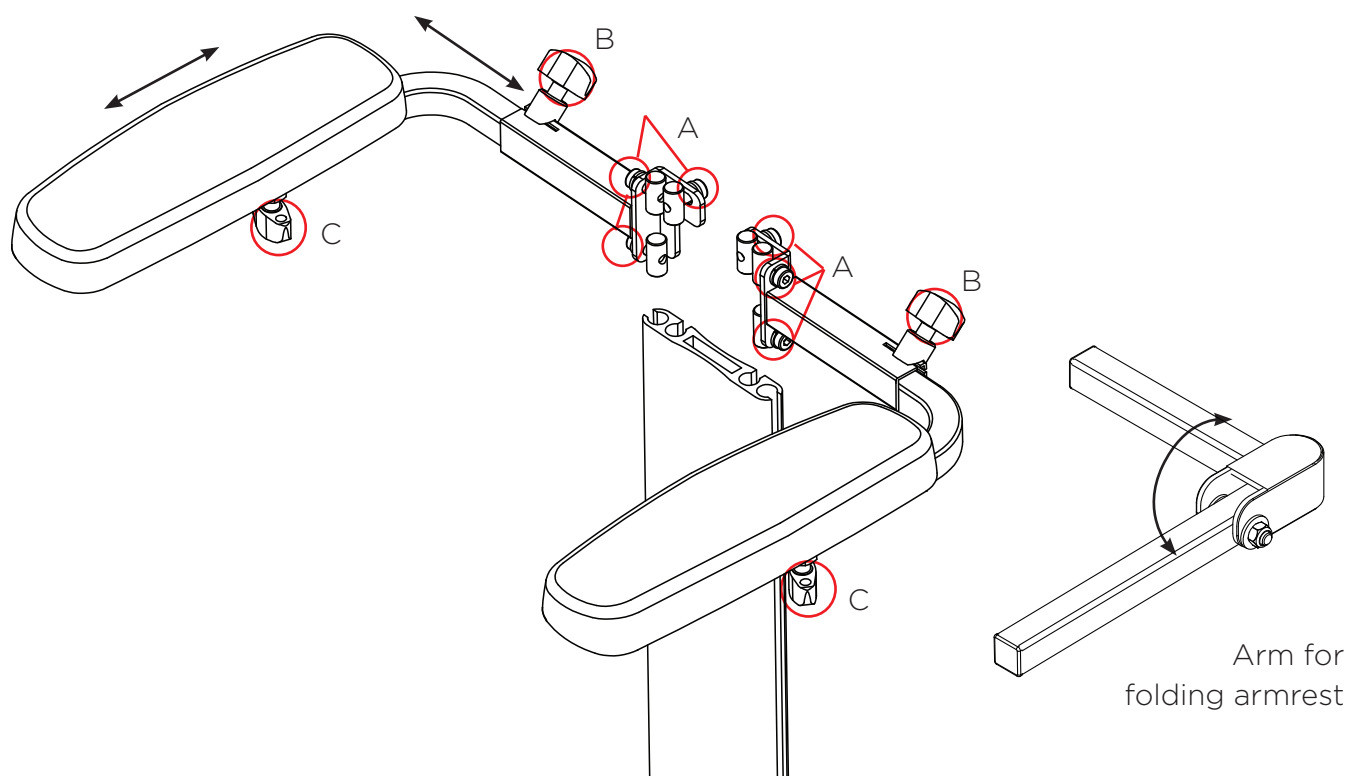
Depth adjustment

Release the lever knob (C). Adjust to desired position. Then fix the lever knob firmly.

Taking off and on the armrest

Release the lever knob (B). Remove the armrest by pulling sideways.

To put on the armrest, put in the armrest in the holder to desired position and tighten the lever knob (B) firmly.



The width of the armrests must not be adjusted outside the MAX markings.



Armrest chassis

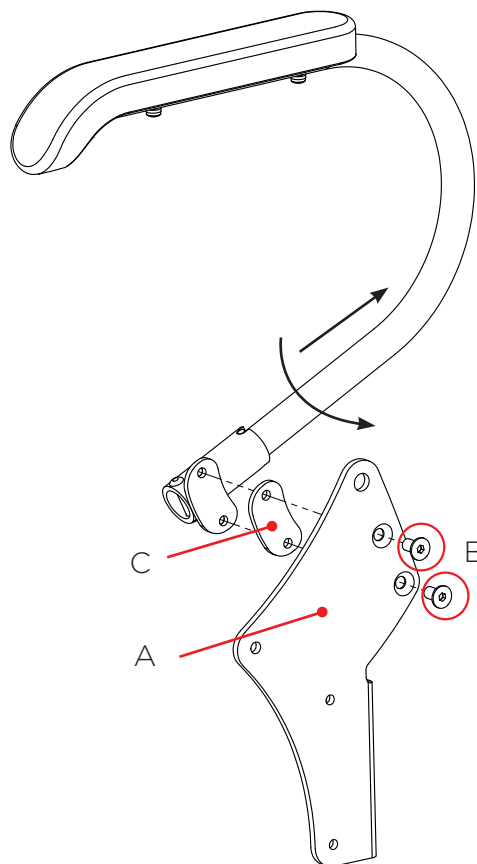
Mounting on a manual chassis

The armrest shall be mounted on the side plate (A). Mount the screws (B) through the countersunk holes on the plate, through the spacer plate (C) and in to the threaded holes on the armrest.

Folding of the armrest

The armrests are swing away.

Pull the armrest to the side and up. Then twist the support away from the chassis until the support attach into the next hem.



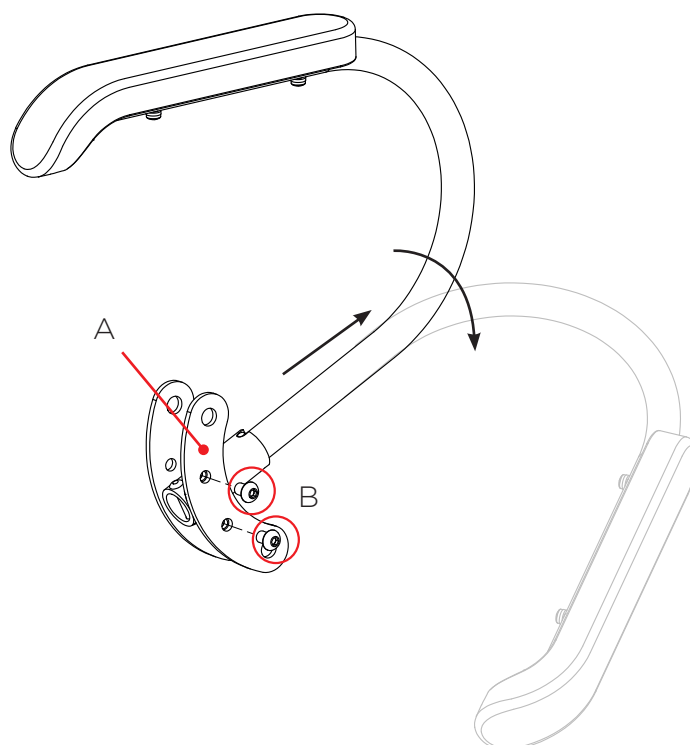
Mounting on a hydraulic/electric chassis

The armrest shall be mounted on the side plate (A). Mount the screws (B) through the centered holes on the plate and in to the threaded holes on the armrest.

Folding of the armrest

The armrests are swing away.

Pull the armrest to the side and up. Then twist the support away from the chassis until the support attach into the next hem.

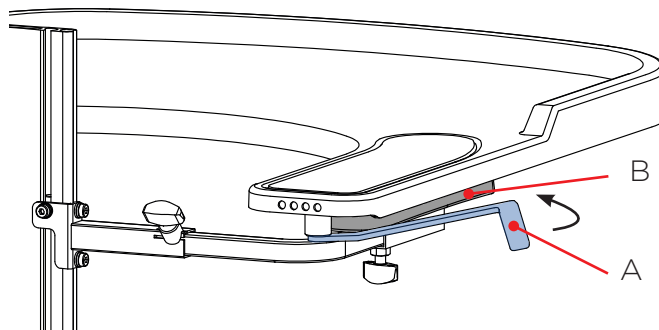


Standard table (fits only armrest from back)

Mounting the table

Put the table on the armrest plates (B) and adjust width and depth of the armrests to correct position under the table.

Rotate the tables locking lever (A) into position below the armrest plate.



Changing the mounting holes

There are 3 mounting widths to choose from. To change the width, use one of the optional mounting holes located under the padding. The locking lever is mounted in the center hole as default.

To change the mounting hole, you must first lift the back end of the padding. The hole markings on the rear edge shows the size of the table.



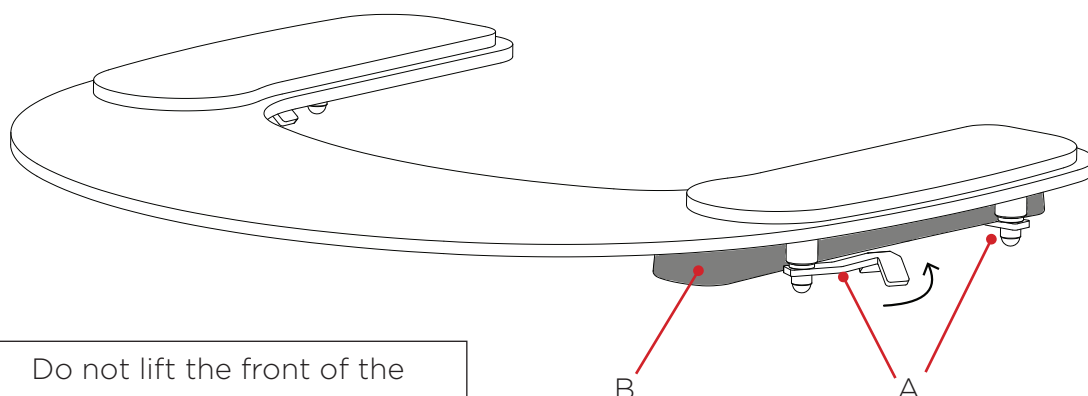
Do not lift the front of the table.

Support table (fits only armrest from back)

Mounting the table

Put the table on the armrest plates (B) and adjust width and depth of the armrests to correct position under the table.

Rotate the tables locking levers (A) into position below the armrest plate.

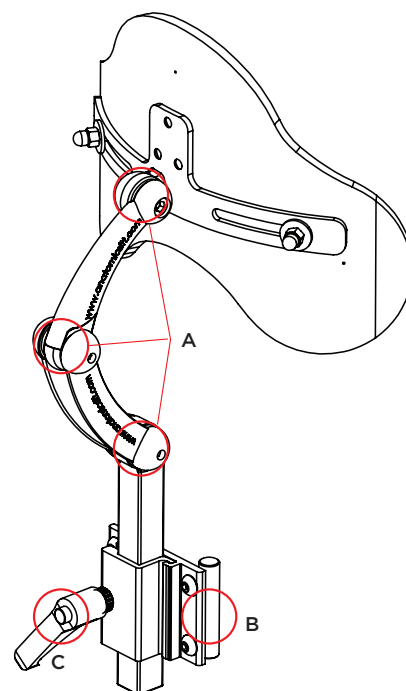


Do not lift the front of the support table.

Headrest

Mounting / Adjustment of the headrest

- * Take away the protection cap on the profile.
- * Mount the headrest mounting on the profile.
- * Release the screws (B) enough to be able to slide the mounting by hand.
- * Put in the Patient adjust to desired position (A).
- * Fix all of the screws and the lever knob firmly and mount the protection cap back on the profile.

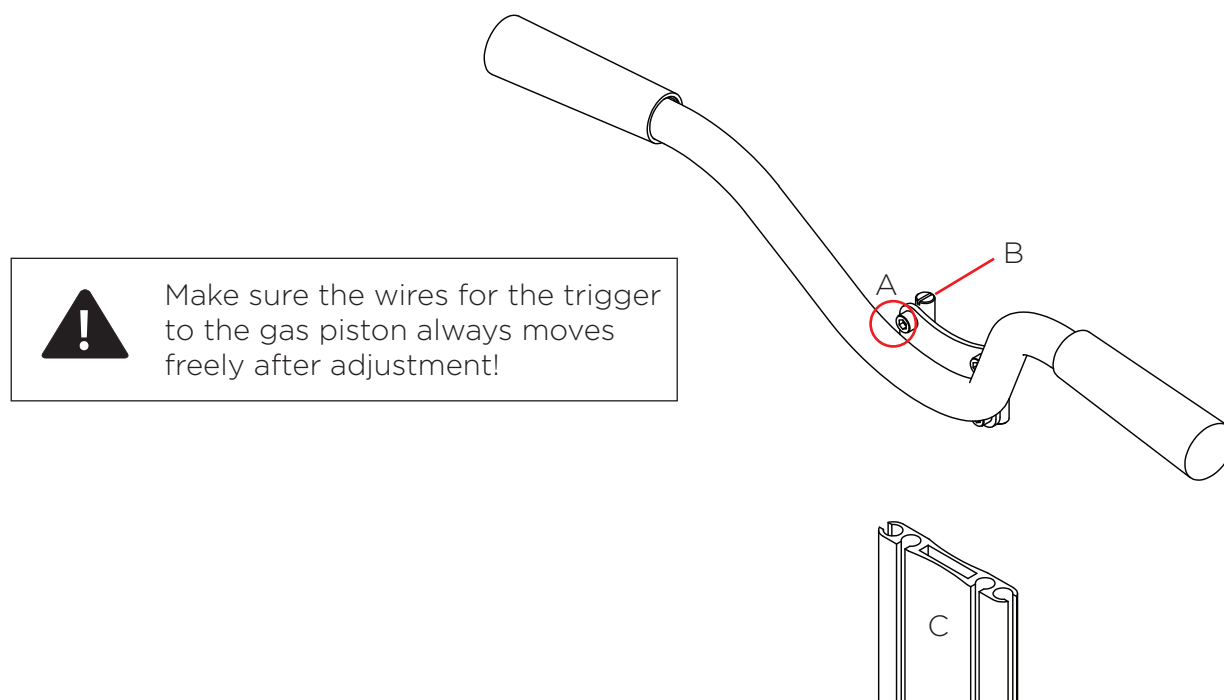


The headrest is easy to release:

- * Loosen the lever knob (C) to be able to take away the headrest.

Driving handle

Release the screws (A) enough to be able to slide in the rim sprints (B) into the profile (C). Adjust to desired height and fix the screws firmly (A).

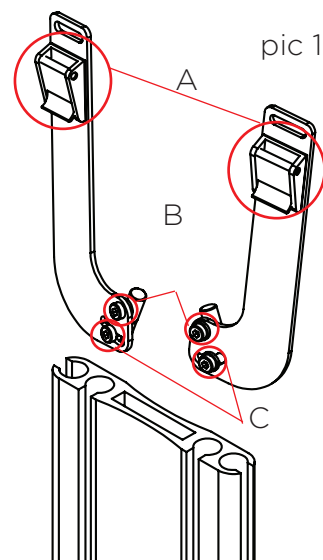


Harnesses

Mounting of the harnesses (Sternum support, H-strap)

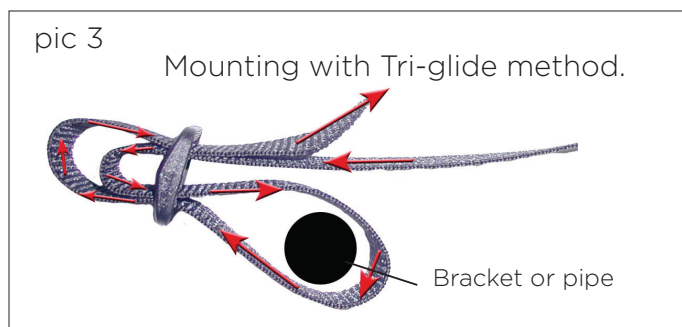
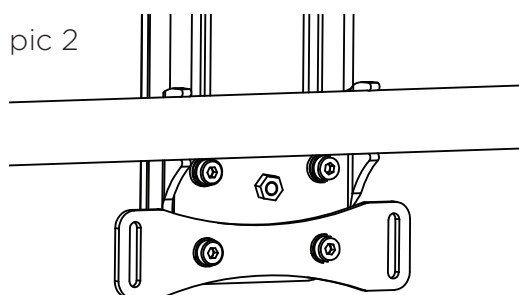
Upper mounting bracket (pic 1):

- * Release the protection cap on the profile.
- * Mount the upper mounting as described in the picture 1.
- * Open the buckle (A), slide the straps through the hole in the mounting and through the buckle and lock the buckle.



Lower mounting bracket for harnesses (pic 2):

The lower mounting is included in the chair always. Lock the strap with the help of the Tri-glide buckle as pic 3 shows.



Adjustment:

Seat the patient in the seat and release the socket head screw according to position B & C (pic 1).

Adjust the arms so that the angle of force on the upper mounting points ends up in the same height as the shoulders.

- Attach the screw according to position B (pic 1).
- Adjust to desired width by angling the hardware to the right or left. (make sure that it is enough space for the neck).
- Lock the screws according to position C (pic 1).
- Adjust the pads in height to give the best pressure relief.

Subsequent verification:

- Make sure that there is enough space by the neck.
- Pressure on the strap.
- Placement of the pads.



Make sure that there is enough space for the neck.



A harness should always be used in combination with a hip support.

Hipbelt

Assembly

Mount the belt straps with the enclosed "Tri-glide" buckles around one or both attachment points as shown below.

Starfish Pro until 2022



Recommended attachment points

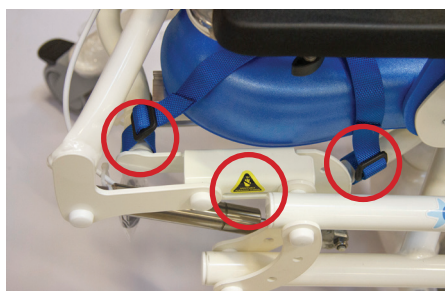


2-point belt

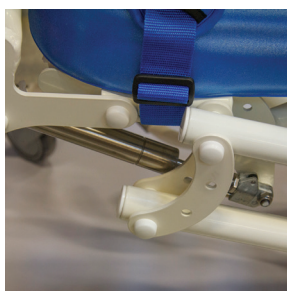


4-point belt

Starfish Pro after 2022



Recommended attachment points

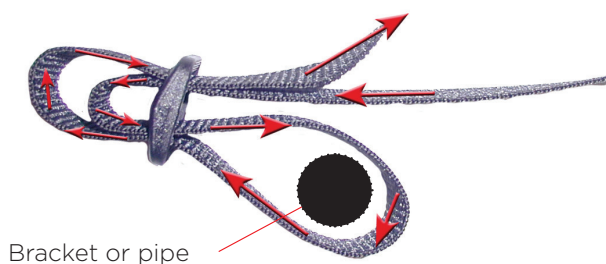


2-point belt



4-point belt

Use the Tri-glide method as shown to the right.



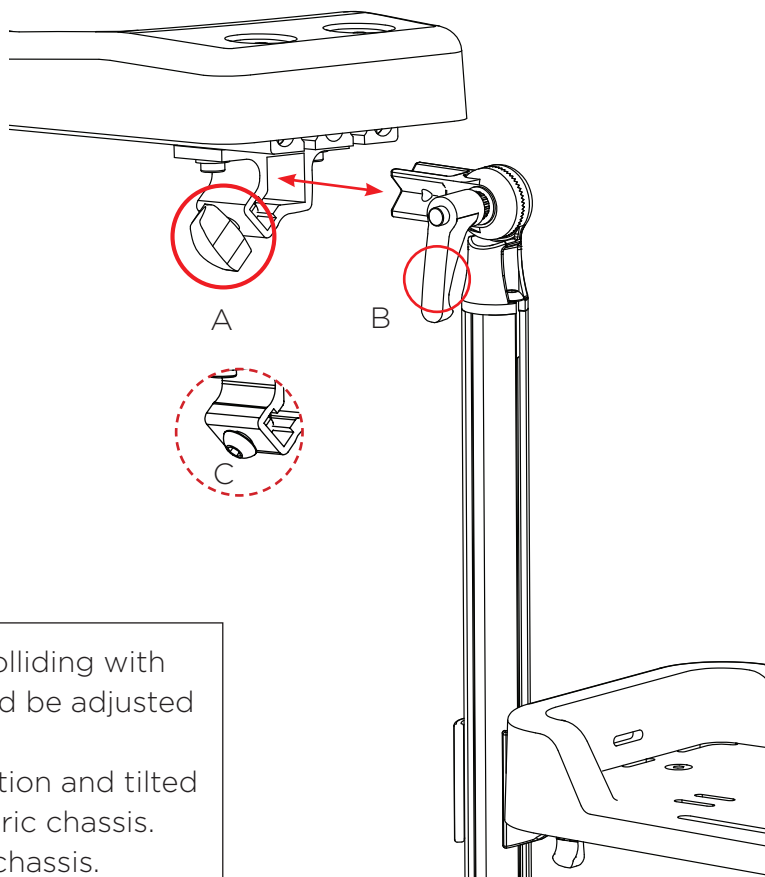
Adjustment

- Pull the belt on both sides of the buckle to get the buckle centered.
- Adjust the pads to give the best pressure release.
- If the straps are too long, cut off the straps you don't need and burn the end.

Footrest

Mounting of the footrest

- Mount the footrest as the picture.
- Fix the screw firmly (A). If you want a more permanent attachment, the wrench can be replaced with screws (C) (attached to the seat when delivered).
- Detachment takes place by releasing the knob (A) and pulling out the footrest.



Angle adjustment of the knee

- Loosen the lever knob (B).
- Adjust to desired angle.
- Fix the lever knob firmly.



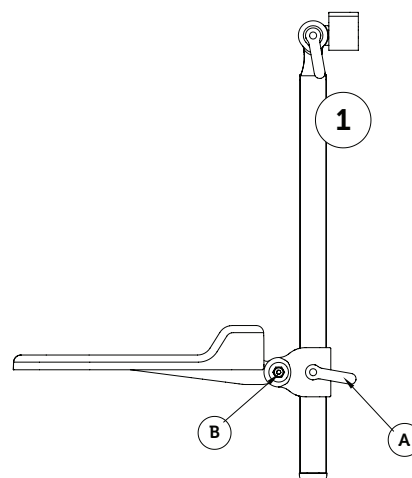
To avoid the risk of footrest colliding with the chassis, the footrest should be adjusted when the seat is:

- In the lowest possible position and tilted forward for hydraulic/electric chassis.
- Tilted forward for manual chassis.

Fixed footrest mounting

To be able to height adjust the footrest loosen the lever knob (A) enough to be able to slide on the profile. Then adjust to desired height. Fix the lever knob firmly

To be able to adjust the angle by the foot loosen the screw (B). Adjust to desired angle and fix the screw (B) firmly.



Flexible footrest adapter

To adjust the height of the footrest loosen the screw (D) and then adjust to desired height.

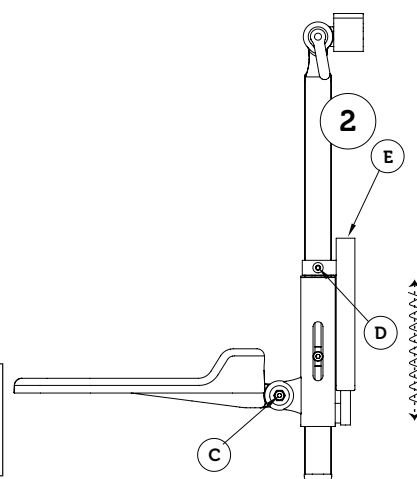
Fix the screw firmly (D).

To Adjust the angle by the foot loosen the screw (C).

Adjust to desired angle and then fix the screw firmly.



The resistance of the spring can be adjusted with the screw in the spring package (E).

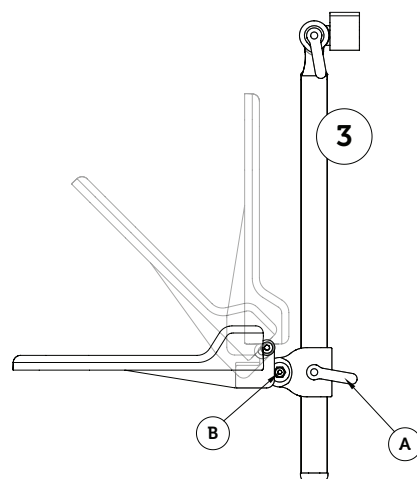


Turn up footrest mounting

To adjust the footrest in height loosen the lever knob (A) and then adjust to desired height. Fix the lever knob firmly.

To use the turn up function lift the footrest plate in the front.

To adjust the angle by the foot loosen the screw (B). Adjust to desired angle and then tighten the screw (B) firmly.

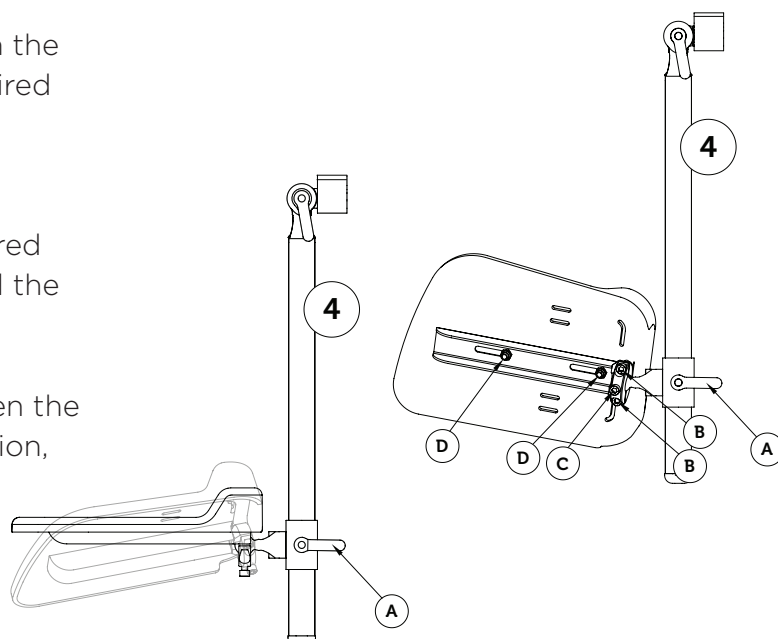


Swivel adapter

To adjust the footrest in height loosen the lever knob (A) and then adjust to desired height. Fix the lever knob firmly.

To use the swivel function loosen the screws (B) and (C) and adjust to desired position. Fix the screws (B) firmly and the security screw firmly (C).

To adjust the foot plate in depth loosen the screws (D) the adjust to desired position, then fix the screws firmly.



Calf support

Mounting of calf support

Before mounting the calf support take away the footrest if this is mounted. Loosen the screw (F) that holds the footrest on the profile then pull the footrest down and off.

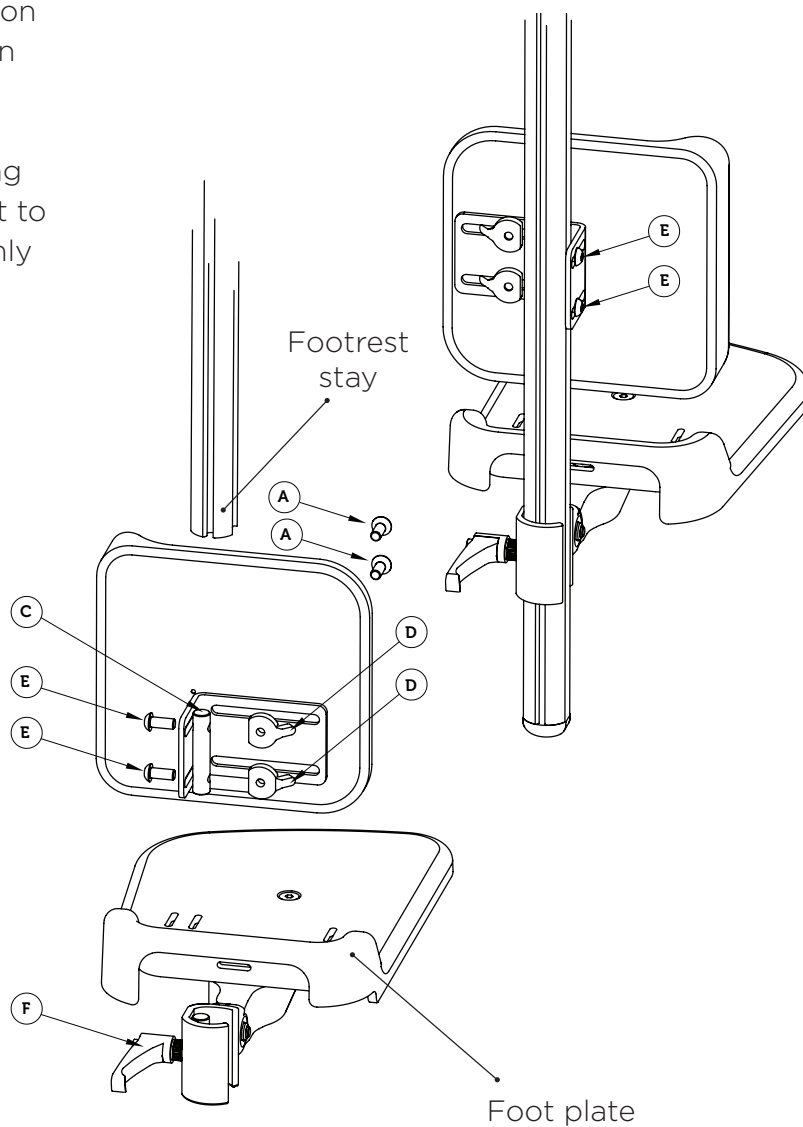
Mount the calf support through sliding the rim sprint (C) in the profile, adjust to desired height and fix the screws firmly (E). Then mount the footrest back.

Height adjustment of calf support

To adjust the height of the calf support loosen the screws (E) then adjust to desired height. Fix the screws firmly (E).

Width adjustment of calf support

To adjust the width of the calf support loosen the screws (A) and then adjust to desired width. Fix the screws firmly (A).

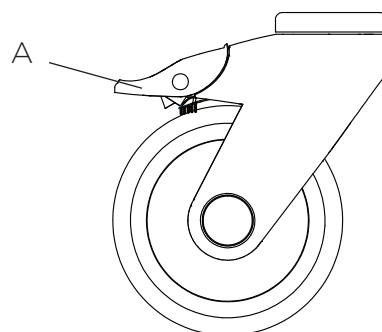


Wheels

To lock the wheels

Push down the brake handle (A) with your foot to lock the wheel (see picture).

Pull up the brake handle to release the brake.



Antitipper

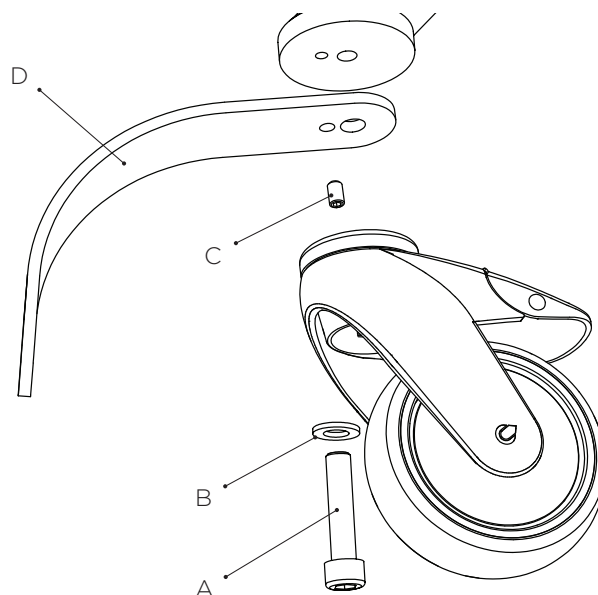
Mounting of the tip guard

Remove the wheel by unscrewing screw (A) and washer (B).

Screw on the stop screw (C).

Try to hold the tip guard (D) so that the large hole is against the larger hole in the chassis and the stop screw enters the smaller hole on the tip guard without piercing. If the stop screw passes through, screw it in slightly more.

If the screw is too long screwed in so it does not prevent the antitipper from rotating, screw it out slightly. Continue to hold the antitipper in the same place and now lead screw (A) through tray (B) and the wheel, and through the antitipper and screw it into the chassis.



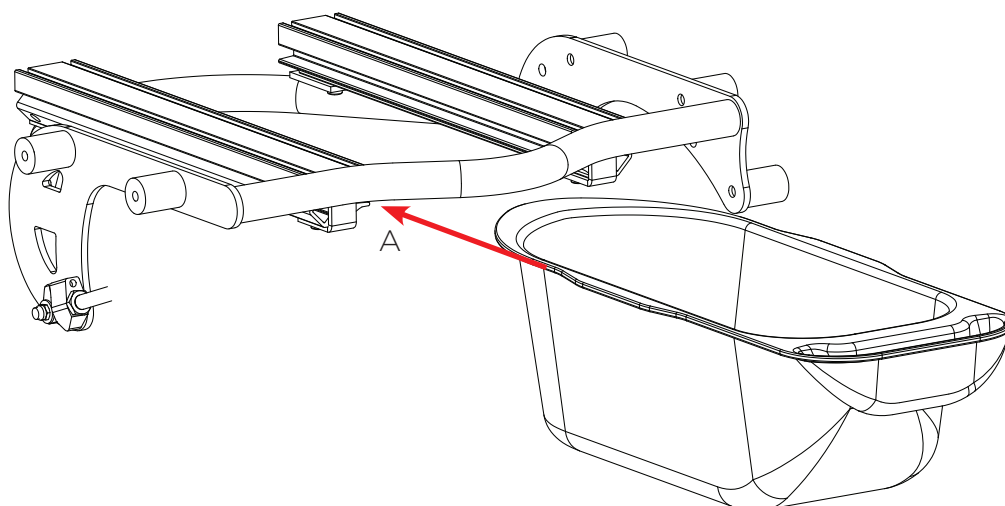
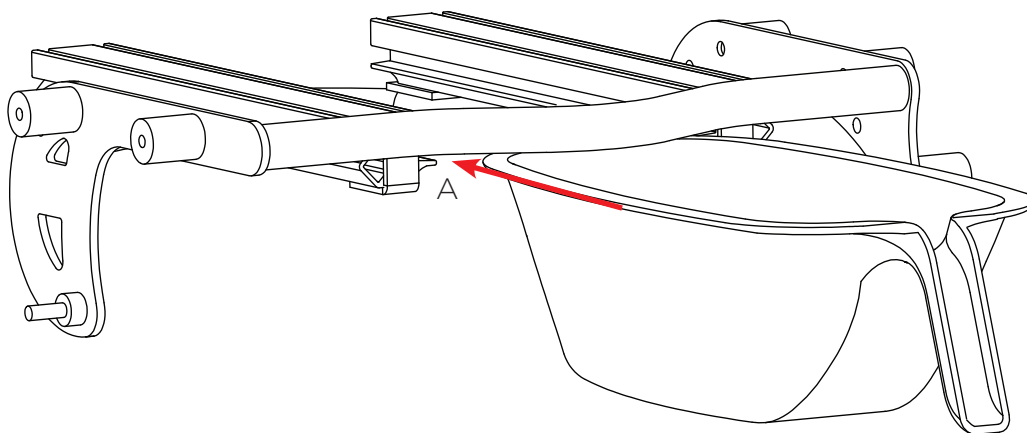
Potty

Mounting of the pot

Mount the pot by sliding it in the lines (A) under the seatpart from the rear. Slide the pot all the way in until it stops against the front pipe.



Don't tilt the chair when the pot has been used.

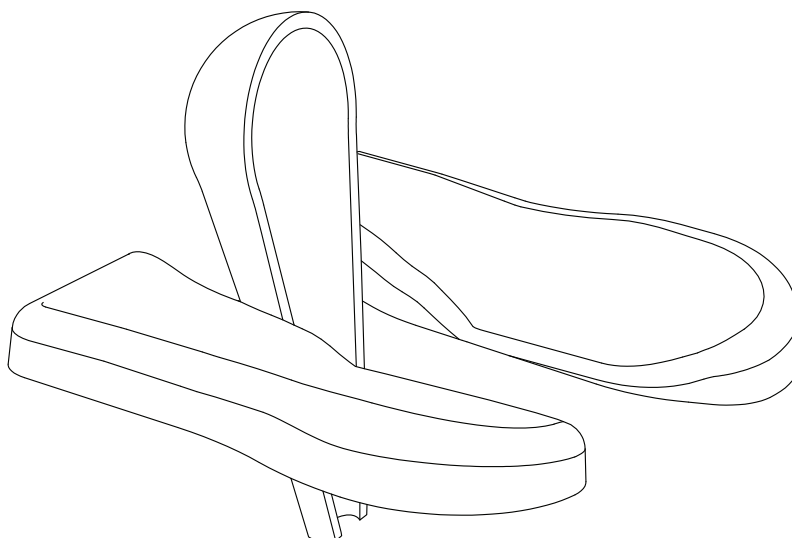


Urine protection

Urine protection without strap

Mount the urine protection by wedging it down between the leg parts.

Measure the correct height of the urine protection so it fits the patient. If the pot is being used; cut off the material in the bottom of the urine protection so that the bottom rests on the bottom of the pot.



Urine protection with strap

Mount the urine protection by wedging it down between the leg parts. and put the strap around the frame tube for better positioning of the urine protection.

Measure the correct height of the urine protection so it fits the patient. If the pot is being used; cut off the material in the bottom of the urine protection so that the bottom rests on the bottom of the pot.



Mounted urine protection with a strap around a frame tube with divided seatparts

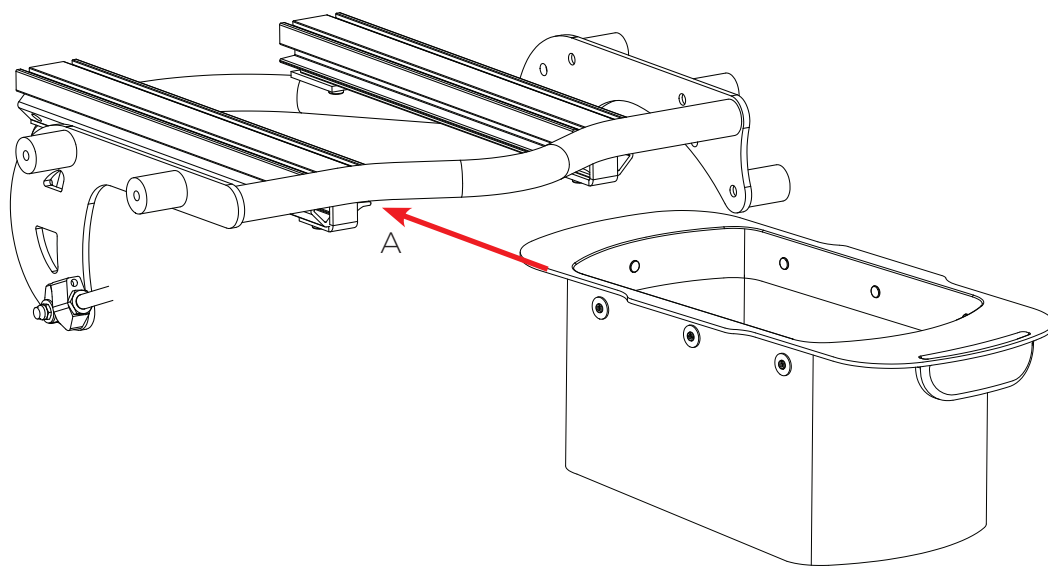


Mounted urine protection with a strap around a frame tube with whole seatparts

Splash guard

Mounting

Insert the splash guard by sliding its edges into the grooves (A) at the back of the bracket. Slide the splash guard in until it rests against the pipe at the front.



Summary and follow-up

After mounting and/or adjustment, check that the products (main product and accessories) are mounted correctly according to the user manual and works as intended.

Check the settings of the product and its accessories so that the user has a correct sitting position.

After all assembly, adjustment or service work, all knobs, fastening screws and nuts should be checked and tightened.

Check that the aid is correctly balanced to ensure that any risk of tipping is excluded.

If defects are noticed, do not use the product. Contact your distributor of the aid for action.

Service and maintenance

This product is a medical device intended for multiple use. In order for the device to function safely and securely and to reach the estimated lifetime, it is therefore important with inspection, maintenance and cleaning. When replacing parts in connection with maintenance and service, original parts from Anatomic Sitt should always be used.

Definitions:

In general, a distinction is made between corrective maintenance, service and preventive maintenance.

- **Corrective maintenance** refers to measures to repair a broken product, an urgent maintenance, difficult to plan in time and often dependent on the use of the product.
- **Service** refers to a basic overhaul that can extend the life of the product. This includes, for example, checking screws and fasteners, moving parts, general wear and tear, etc. and minor repairs.
- **Preventive maintenance** refers to actions caused by predicted limitations in product performance. This type of maintenance can be seen as one-off actions that are planned in terms of time, nature and scope. For this product, no preventive maintenance is required during the expected lifetime of the product.

Control before use

In order for the device to work properly and safe, regular inspection and cleaning must be performed.

Inspection and control must be performed before each use according to below:

- Check the product and its accessories for loose parts, wear and injuries. In particular, check screws and nuts as well as knobs.
- Check that the seat is securely attached to the chassis.
- Check the stability of the product.
- Check the function of any anti-tip devices.
- Check the function of the brakes.
- Check the condition of the wheels and that they are fastened.
- Check the product's moving functions, such as back angle, tilt, height adjustment, etc. regarding mobility and locking.
- Check the condition and adjustment of wires for tilt and back angle.
- Check belts and harnesses for wear, function and attachment.

If defects are noticed, do not use the product. Contact your distributor of the aid for action.

Care

The need of care varies and must be judged case by case. depends on use of the product but at least once a week is recommended.

Clean the product with a damp cloth and a gentle antibacterial liquid or similar. Do not use detergents that contain abrasives, corrosives or solvents.

Loosen all lining after bath /shower, to avoid moisture and water under them and wipe the entire product dry.

Service and corrective maintenance

To function safely and securely, regular service must be performed on the product. The need for overhaul/service varies and may be assessed from case to case depending on the product's use and wear, but at least once every 6 months is recommended.

The work must always be done professionally by qualified personnel, see section Safety instructions in this manual. When replacing broken, worn or cracked parts, use only original parts from Anatomic Sitt so that the product retains its CE marking. Spare parts can be ordered according to a separate spare parts list or explosion drawing for the current product.

At every service, it must be ensured that the product's functions are reliable and that the product is safe to use. If there are deficiencies that affect safety and can not be remedied, the product must be taken out of service.

For cleaning of the product, see the sections Care.

Check the following and correct if necessary:

- Check all the functions of the product.
- Check the product and its accessories for loose parts, skewness, wear and damage.
- Check that all screws, nuts and bolts are properly tightened.
- Check that all knobs are intact and working.
- Check that the seat is securely attached to the chassis.
- Check that the anti-tip devices work.
- Check the function of the brakes.
- Function test and lubricate all moving parts such as joints, wires, wheels, knobs etc. Use suitable oil or lubricant (eg CRC 5-56, Teflon spray, etc).
- Check the product's moving functions, such as backrest angle, sitting position, height adjustment, etc, in terms of adjustment possibilities, mobility and locking.
- Check that the pistons lock in the selected position.
- Check that the wires are correctly positioned and correctly adjusted.
- Check the function of the wheels and that they are tight. On wheels with a locking function, check that this works. The wheels must not be able to roll in the locked position.

- Check that the product rolls normally.
- Check wear on all joints, cog joints and brackets. Make sure they lock properly.
- Check belts and harnesses for wear, function and attachment.
- Check markings, labels and warning symbols so they are complete and readable.

Supplement for electrical functions

- Check the actuators and batteries are correct mounted and in good condition.
- Check cables, connectors and sealing rings are intact and without visible damage.
- Check the hand control and charger are in good condition and working.

Follow-up

When service is done, check that the products (main product and accessories) are mounted correctly according to the instructions for use and function as intended.

Reconditioning

Reconditioning is normally done if the aid been personal and it is about to be given to a new user or stored for a long time. The work must always be done professionally by qualified personnel, see section Safety instructions in this manual. When replacing parts, Anatomic Sitt original parts must be used.

For information about the product and its functions, see the user manual at www.anatomicsitt.com. For information on product life, see section Restrictions in the manual.

When reconditioning, always check that the aid is not specially adapted, before sending it to a new user.

At each reconditioning occasion, it should be ensured that the product's functions are reliable and that it is safe to use. If there are defects that cannot be remedied by reconditioning, the product must be taken out of service and recycled.

Cleaning

Clean the product with a sponge/cloth and antibacterial, mild detergents. Do not use detergents that contain abrasives, corrosives or solvents.

Remove padding, lining and belts/harnesses. Padding is a consumable item and should be replaced if necessary.

The padding can be machine washed at a maximum of 60°C. However, the drum of the machine should be so large that the padding does not lose its shape, nor should the padding be centrifuged. The padding should be air dried (should NOT be tumble dried, centrifuged, or dried in a drying cabinet).

Belts and harnesses can be washed in 60°C delicate wash but must not be tumble dried or dried in a drying cabinet. Use a laundry bag. See more information in the current user manual for the respective positioning aids.

Zitzi Starfish Pro can advantageously be cleaned in a washing cabinet:

- Starfish Pro Manual and Hydraulic: 90°C for 3 minutes.
- Starfish Pro Electric: 60°C for 3 minutes.

When cleaning the chassis in the washing cabinet, it must be fixed and placed upright with locked wheels. Remove padding, belts or harnesses.

Starfish Pro EI - use detergents that do not remove the grease.

Before washing: Check that all electrical connections are inserted and lids closed (they should be facing downwards to avoid water accumulation). Lower the chassis to the lowest position. Do not use steam cleaners and do not direct high pressure water directly at the electrical components. The product is IP-rated: IPX6.

Controlls when reconditioning

After cleaning and drying, check the product for damage/wear. Keep in mind that the product life is limited (see section Restrictions in the user manual) when making an assessment to check if the product is suitable for recondition.

Broken, worn or cracked parts are replaced. Use only original parts from Anatomic Sitt. Spare parts can be ordered according to a separate spare parts list/exploded view for. In order for the product to retain its CE marking, the aid must be given only spare parts supplied by Anatomic Sitt AB.

Function test and lubricate all moving parts such as joints, wires, wheels, knobs etc. Use suitable oil or lubricant (eg CRC 5-56, Teflon spray, etc.).

Check that all screws and nuts are tight.

Make sure that the instructions for use and all original labels are included with the new prescription.

Labels/stickers

If you need new labels and stickers, contact Anatomic Sitt. For its placement on the aid, see www.anatomicsitt.com, where you will also find manual for use.

Repair paint

To prevent corrosion damage or improve scratches, white repair paint can be ordered from Anatomic Sitt AB.

Article number: 689736, Repair paint RAL9010 - Starfish Pro.

Checklist

Overall:

- ☐ Check the entire product and its accessories to identify broken, cracked, or worn parts that need to be replaced.
- ☐ Check all functions of the product.

Chassi/Chair:

- ☐ Check that all screws and nuts are tightened.
- ☐ Check that the seats adjustment option works.
- ☐ Check that the tilt and backrest angle function works and that the piston locks in the selected position.
- ☐ Check that the wires are correctly positioned and correctly adjusted.
- ☐ Check that the gas piston works properly.

Wheels/Brakes:

- ☐ Check that the screws for the wheels are properly tightened.
- ☐ Check that the wheels work as intended.
- ☐ Check that wheels with locking function work. The wheels must not be able to roll in the locked position
- ☐ Check that the chair rolls satisfactorily

Footrest:

- ☐ Perform function check of height and angle adjustment.
- ☐ Check wear on all cog joints and make sure they lock properly.

Headrest:

- ☐ Check the lining and replace if necessary.
- ☐ Check that the headrest joints lock.
- ☐ Check the bracket on the headrest so that it locks.

Armrest:

- ☐ Check the height, depth and width adjustments of the armrests.
- ☐ Check the armrest brackets so that they lock properly.

Other accessories:

- ☐ Check all parts for wear, replace if necessary.
- ☐ Check locks and adjustment options.

Electrical functions:

- ☐ Check that actuator and battery are properly mounted and in good condition.
- ☐ Check that cables, connectors and sealing rings are intact and without visible damage.
- ☐ Check that the hand control and charger are in good condition and working.

Follow-up

When reconditioning is performed, check that the products (main product and accessories) are mounted correctly according to the instructions for use and function as intended. Also check that the markings, labels and warning symbols are complete and readable.

Recycling

A used part or product should be dismantled and discarded. The parts should be separated by material type and taken to a recycling station. Batteries and gaspiston should be sorted as hazardous material.

Warranty and complaint

Warranty and complaint

Warranty generally applies for one (1) year against manufacturing defects from delivery date or according to agreement. Warranty is not provided for external influences or abnormal handling. The warranty ceases to apply to electrical components if they are opened or manipulated. For warranty treatment is required incorrect item in return. Always enclose a delivery note.

In order to best assess the complaint, the product must be dry and cleaned when it is sent back.

Describe the error and the possible cause for this as thoroughly as possible. Claim repairs or possible replacement under warranty. Always attach a copy of the invoice and state that the product should be returned to you after repairs. Provide a shipping address, a contact person and a phone number. Form for complaints can be downloaded from our website.

Pack the dry and clean product well to protect it from any shocks during transport. Do not forget to write down the shipment number or similar on your documents. This is so that you can track the shipment if something should happen during transport.

Returns

Incorrectly ordered or incorrectly delivered goods must be returned within 20 days from delivery date. Always attach a copy of both the delivery note and the invoice. Enter the reason for returning your goods. Return form is available on our website.

Pack the dry and clean product well to protect it from any shocks during transport. Do not forget to write down the shipment number or similar on your documents. This is so that you can track the shipment if something should happen during transport.

Please note that custom made products can't be returned!

Revision

In this version of the user manuals, the following changes have been made.

Abduction/adduction support

Note-text removed p. 20

Splash guard

New accessorie p. 37

Warranty

Warranty does not apply if electrical components are opened p. 45

Revision list

ver. 2.0 - 2020-06-11

ver. 2.1 - 2021-05-26

ver. 2.2 - 2021-12-21

ver. 2.3 - 2023-01-17

ver. 2.4 - 2023-02-23

ver. 2.5 - 2023-05-24

ver. 2.6 - 2023-11-29

ver. 2.7 - 2024-10-07

Anatomic Sitt AB (manufacturer)

Box 6137, SE-600 06 Norrköping, Sweden

Phone +46 11 16 18 00

Fax +46 11 16 20 05

Visiting address

Terminalgatan 1, SE-603 61 Norrköping, Sweden

World wide

anatomicsitt.com

info@anatomicsitt.com

facebook.com/anatomicsitt

youtube.com/anatomicsitt

