ver. 2.9 - 2025-10-09

EN

Anatomic SITT™



Zitzi

Flipper Flex G2

User manual

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

This user manual refers to chassis Zitzi Flipper Flex G2 with accessories. For a complete overview of the intended accessories, see the product orderform.

Table of contents

Manufacturer **3**

Customization **3**

Introduction **4**
General 4
Correspondence - marking 4
CE-marking - classification 4
Declaration of conformity 4

Intended purpose **4**

Symbol list **5**

Product labeling **6**

Safety precautions **7**
Education and qualifications 7
Warnings and precautions 7
Control before use 9
EMC - electromagnetic compatibility 10
Restrictions 11
Remaining risks 12
Combinations 12
Divergency/Incidents 12

Technical data/Performance **13**

Adaptation and customization **14**

Mounting and adjustment instructions **15**
Mounting of rear wheels 16
Anti-tipper - front 17
Frame extension 17
Anti-tipper & stepbar 18
Direction lock 18
Transportation kit 19
Driving bow 20
Mounting of seating system 21
Adjustable sit height - Gas piston 22
Adjustable sit height - Actuator 23
Tilt 24
Charging the battery 25
Electronic box 25
Parking brake 26
Footrest 27
Footrest high-edge 28
Calf support 29

Summary and follow-up **30**

Transport in vehicle **31**

Driving technique **33**

Service and maintenance **35**
Control before use 35
Service and corrective maintenance 36
Reconditioning 37

Recycling **40**

Warranty and complaint **41**

Revision **42**

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The CE Mark is no longer valid and should be removed.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 product) or batch number (LOT - for accessories). These numbers shall be provided in correspondence with Anatomic Sitt. You find the serial number on the underside of the seat plate.

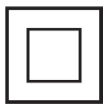
CE-marking - classification
he device with its accessories is a CE-marked medical device, Class I according to the classification rules of Annex VIII (EU) 2017/745.

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

Intended purpose

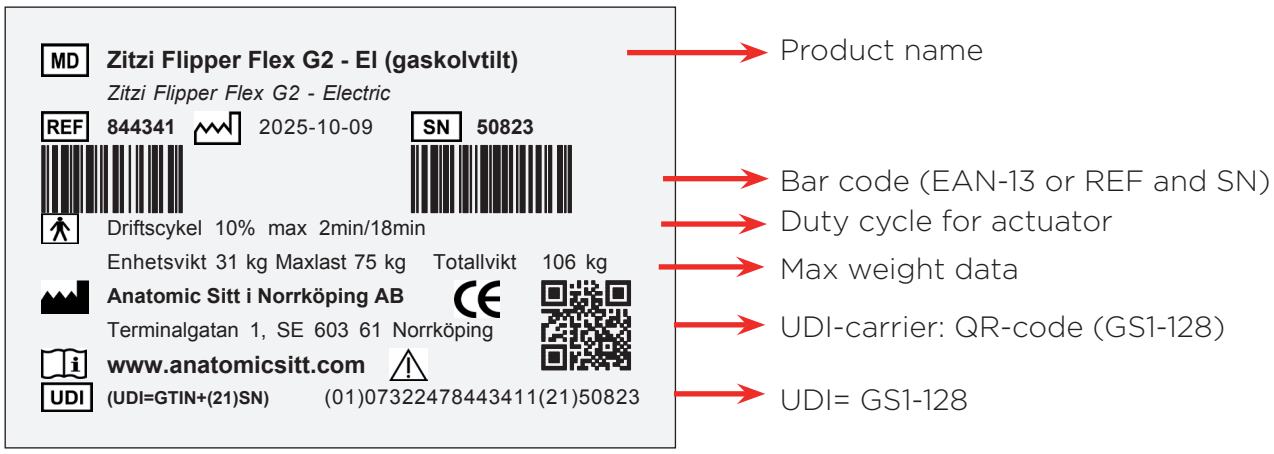
Zitzi Flipper Flex G2 is a chassis with wheels, for both indoor and outdoor use, operated by a caregiver. The product can be raised and lowered and is intended to be used together with a modular seating system or individual seat from Anatomic Sitt i Norrköping AB.
Zitzi Flipper Flex G2 is a reusable product.

Symbol list

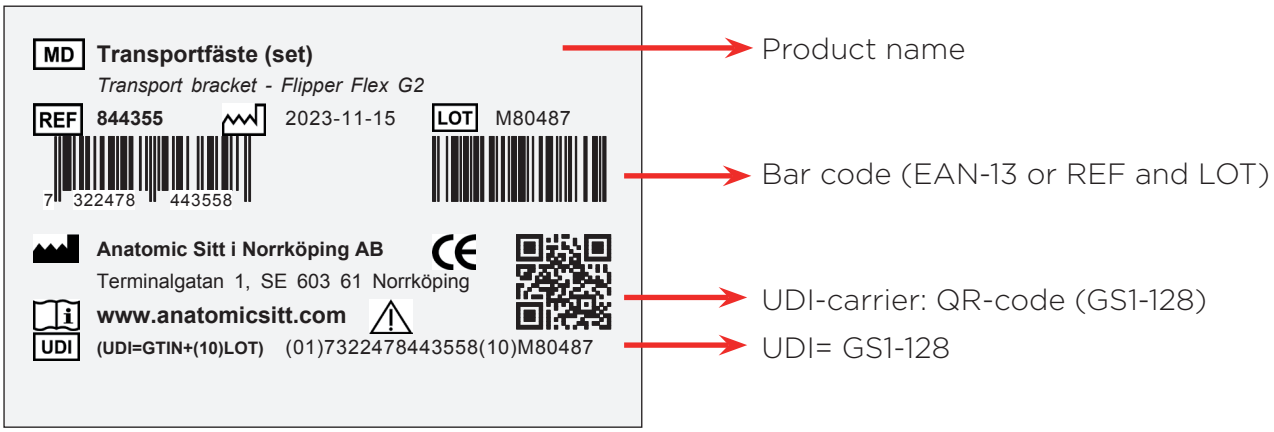
	These symbols are found in the user manual and on the product to draw the reader's attention to important safety information etc.	LOT	Indicates the manufacturing batch number so that batch can be identified.
	This symbol indicates any risk of pinching.	MD	Indicates that the product is a medical device.
	The symbol indicates instructions and tips which makes it easier when using the product.	REF	Indicates the manufacturer's reference number/article number so that the medical device can be identified.
	Indicates that the user manual must be read before using the product. The symbol is found on the product.	SN	Indicates the manufacturer's serial number so that a specific technical product can be identified.
 www.anatomicsitt.com	Indicates that the user manual should always be read before use. Web address indicates where the document is located online.	UDI	Unique product identifier such as enables unambiguous identification of specific medical devices.
	Indicates that the uer manual should be read to obtain important safetyin-formation about e.g. warnings not to be found on the product label.	CE	Indicates that the product is CE marked according to applicable EU directives.
	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 within which temperature limits the medical technology the product can be safely exposed.
	Indicates the date when the medical device was manufactured.		Shows where the charger should be connected on the hand control.
	To identify a patient connected part of type BF. (For electrical equipment in healthcare).		Indicates that electronic products should not be handled as general waste.
	Indicates that the product is double insulated, ie off insulation class II		Indicates where transport brackets should be attached to the product, when transporting in a vehicles.
	Indicates that the product is crash tested and approved according to ISO 7176-19 for forward-facing installation in the direction of travel of the vehicle.		

Product labeling

Label for main product



Label for accessories



Safety precautions

Education and qualifications

- Mounting, service and reconditionering 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 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 the try-out of the product and perform a risk assessment before the 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 product for function before handing it over to a 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. See section on Frame extension. Anti-tipper can be ordered if needed.

⚠ 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.

⚠ Check that the seating system is firmly attached to the chassis before use.

- The brakes must always be locked when getting in and out.
- The attendant brake that acts on the drum brake of the drive wheels is intended to be used as a brake when driving and parking.
- 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. Avoid tilting the seat bacwards to the maximum when it is in the lowest position to reduce the risk of damage to the seat/adapter.
- Use caution and be aware of the increased risk of tipping when using the chassis on sloping surfaces. The chassis should only be parked on horizontal/flat surfaces.
- Always lift in the chassis - never 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.
- The castors can collide with the footplate in some cases. Note that the steering wheel ability therefor can be affected and settings may need to be changed.
- Never leave the user unattended when using the aid.

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 moving functions, such as back angle, tilt, height adjustment, etc. regarding mobility and locking.

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

⚠ EMC - electromagnetic compatibility

General info
The electrical system in Flipper G2 El is CE marked and complies with EMC directive 2014/30/EU and tested according to the requirements of IEC 60601-1-2: 2014.

Third party components
Use of components and cables other than those manufactured and supplied from the supplier can create an increase in electromagnetic emissions or decrease it electromagnetic immunity in the electrical system and result in interference/ performance degradation.

Interference with other equipment, general/RF
Avoid using electronics near other electrical equipment as it may degrade performance. If it is necessary to use the system close to other electrical systems, these must be monitored to see that they are operating normally.

Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should not be used closer than 30 cm to any part of the electrical system. This is due to a risk of performance degradation.

If the user notices unusual behavior in the electrical system, especially if such behavior is sporadic and associated with the system being connected to mobile phones, microwaves and radio stations, this may be an indication of electromagnetic interference.
If such behavior occurs, try moving your Flipper G2 El further away from the interfering equipment.

During use of the electric raise/lower or tilt is Flipper G2 Electric internally powered, becasue it is equipped with battery.



Typ BF applied part
Flipper Flex G2 El is classified as type BF applied part.



Class II
Flipper Flex G2 El is classified as a Class II product during charging because the charger is Class II

Restrictions

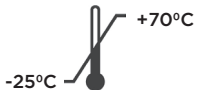
Max load
Max load weight is 75 kg.
Load weight refers to the maximum weight to which the chassis may be exposed for example users and seating systems.

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. However, the actual lifetime will vary depending on the frequency and intensity of use, but is not recommended to exceed 10 years.

Conditions for operating
Applies to Flipper G2 with electric function:
+5 to +40°C
20 to 90% humidity
700hPa to 1060hPa atmosphere pressure



Conditions for storage and transport
Applies to Flipper G2 with electric function:
-25 to +70°C
20 to 90% humidity
700hPa to 1060hPa atmosphere pressure



Batteries must always be charged before storage. The battery must then be charged for maintenance every 6 months. Do not exceed the storage temperature of -25°C to + 70°C for long-term storage of the battery as it may shorten the life and performance of the battery.
Storage temperatures + 10°C to + 25°C are recommended.

Gas piston
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 downward. Otherwise, the gas spring seal might break and the gas piston fail.

Actuators
Duty cycle: 10% (2 minutes continuous use followed by 18 minutes not in use)

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.

Limited time for skin contact regarding heat (Applies to Flipper Flex G2 El)
Below parts can reach a temperature above 41°C and must therefore not be in contact with the user's skin for longer than what is stated in the table below (**t** refers to time).

Part	Highest mesh. temp.	Max time
Hand control	42°C	10 min ≤ t
Tilt actuators	45°C	1 min ≤ t < 10 min
Lift actuators	51°C	t < 1 min
Charger	44°C	1 min ≤ t < 10 min

Combinations

In order for the product to retain its CE marking, the aid may only be provided with seating systems, accessories and spare parts supplied by Anatomic Sitt AB.
See the product's order form for recommended seating systems and possible accessories as well as the spare parts list (with exploded views).

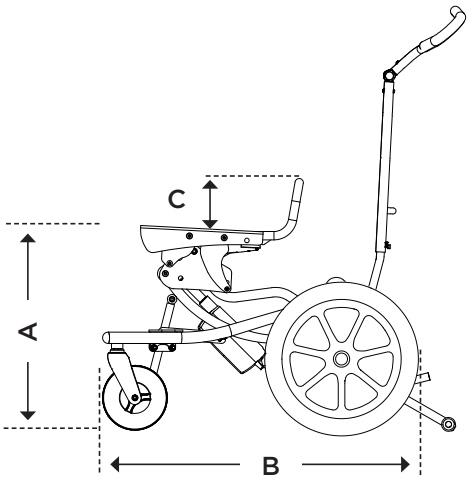
Divergency/Incidents

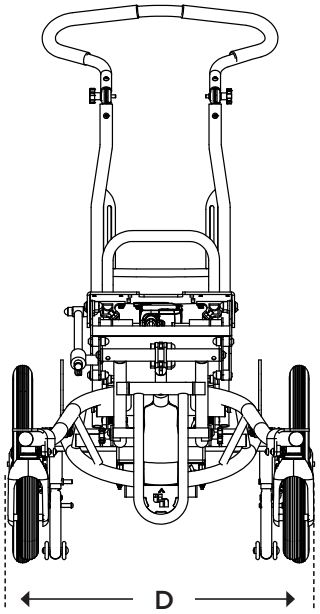
If the product is unusable product, contact your aids center or dealer/manufacturer.

If a serious incident occurs, it should be reported to Anatomic Sitt AB and to the country's competent authority. The product should also be sent to Anatomic Sitt as it is for further investigation.

Technical data/Performance

Flipper Flex G2



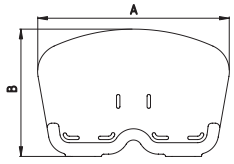


Product data - Flipper Flex G2	
Max load weight	75 kg
Seat plate	30x32 cm
Weight	31 kg
Tilt	0° to 30° alt. -5° to 25°

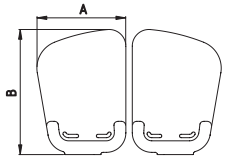
Flipper Flex G2 with 16” wheel

	A	B	C	D
Data	38-71 cm	83 cm	see sep. data	64 cm

FOOTREST



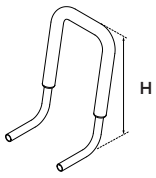
	A x B
Whole size 2	345 x 225 mm
Whole size 3	380 x 260 mm
Whole size 4	380 x 300 mm
Whole size 5	430 x 310 mm
Whole size 6	480 x 310 mm



	A x B
Divided size 2	160 x 220 mm
Divided size 3	180 x 255 mm
Divided size 4	180 x 305 mm

Footrest stay profile lenght (mm)

Size:	2	3	4/5	6
	200	250	300	350



PUSHBAR

	Height
Pushbar size 1	13 cm
Pushbar size 2	35 cm

Depth can be adjusted 0-7 cm.
Height is from the top of the seat plate to the handle.

Recommended tyre pressures

Size	Tyre	Pressure (max)
7”	D180/45-S-SO	2.5 bar
16”	R400/45-1-LSSBLQ85S-NM	2.8 bar
20”	R510/25-LASGFK-B-01	6-7.5 bar*
22”	R570/25-LASGFK-B-01	6-7.5 bar*
24”	R620/25-LASGFK-B-01	6-7.5 bar*

* High pressure tyre

Adaptation 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.

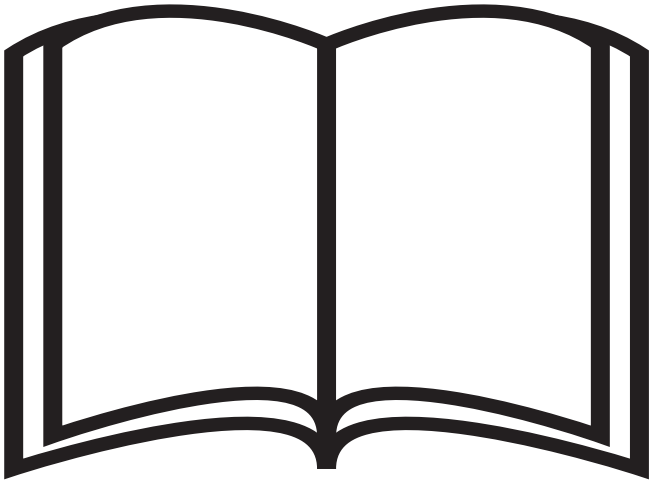
Allowed adaptations within the framework of CE marking
The footrest profile may be shortened to fit the user better.

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 functions so that the aid can be used safely.

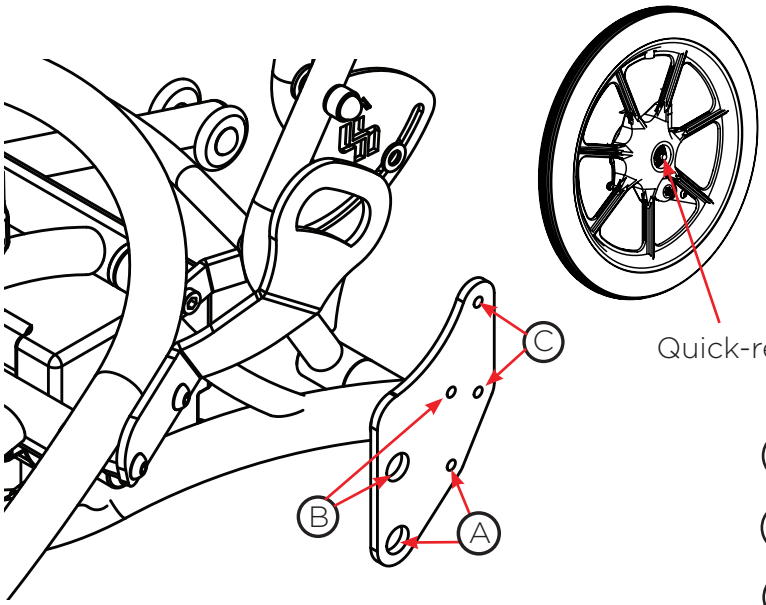


Mounting of rear wheels

Mounting of driving wheel with quick-release
The driving wheels can easily be mounted and removed from the chassis with quick-release. This can be very useful during transport purposes.

Releasing the rear wheels
Release the parking brake first. Then press and hold the button (D) in the wheel center and then pull off the wheel from the chassis.

Attaching the rear wheels
Press and hold the button, then slide the quick-release shaft into the hub. When the drive wheel has been pushed all the way in, it is OK to release the button.



Quick-release (D)

A For 12” wheel

B For 16” wheel

C For anti-tipper and stepbar

Make sure that the wheels are firmly attached!

Anti-tipper - front

Mounting of anti-tip device
Mounting of the anti-tip device (A) is done by first loosening the screw that holds the wheel. Then raise the anti-tip device over the wheel bushing towards the frame tube. Lock the anti-tip device in the forward direction in the frame direction using the three screws (B). Screw the wheel back on.



Frame extension

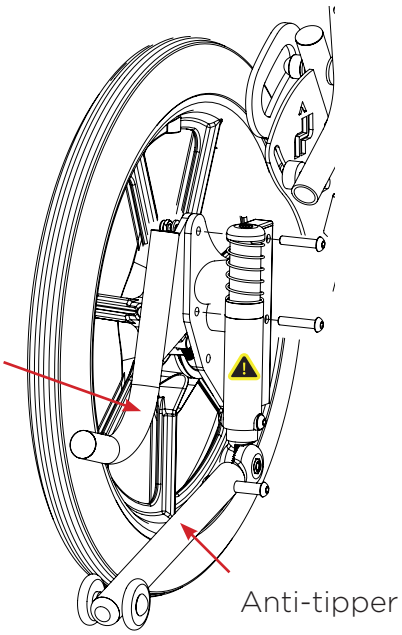
Mounting
Mounting of the frame extension is done by first loosening the screw (A) and removing the wheel from the frame. Then remove the end plug (B) on the frame tube. Slide in the frame extension (C) and screw the extension part with the enclosed screw (D) with washer. Screw the wheel back into the extension section with screw (A).



When Active seat is used on Flipper Flex G2, frame extension must be used due to tip risk. The same applies to other seating systems that are mounted far forward. If necessary, anti-tip devices can also be fitted on frontwheels to increased safety.

Anti-tipper & stepbar

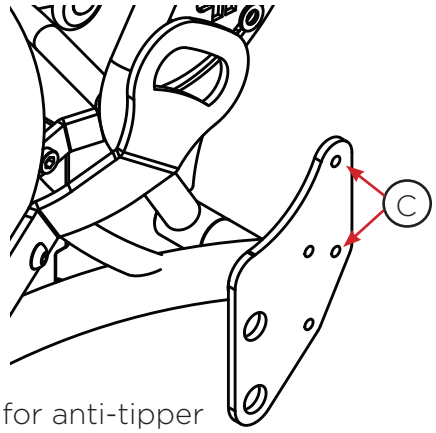
Both anti-tipper and stepbar e are mounted with common screws, washers and nuts as shown. The stepbar is placed on the outside and the anti-tipper on the inside of the perforated plate.



Anti-tipper - Quick guide

The task of the anti-tipper is to prevent the chassis from tipping backwards uncontrolled. It can easily be folded, so it's not in the way. Press down the anti-tipper and turn it to the side. Be sure to turn it all the way in, until you hear a click, which indicates that the anti-tipper is in place. Try to step as far in as possible on the anti-tipper. This is so that the parts have the longest possible service life. Conversely, fold out the anti-tipper until you hear a click.

> ⚠ Zitzi Flipper Flex G2 should always be equipped with anti-tip devices given its great possibilities for height adjustment.



Ⓒ Holes for anti-tipper and stepbar

Stepbar - Quick guide

Stepbar are used to ease the raising of the chassis' front wheels, for example at curbs.

Direction lock

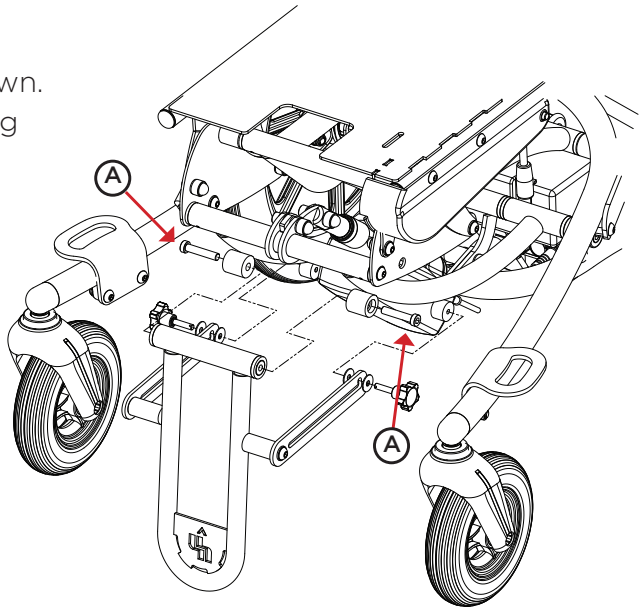


Direction lock

To activate the directional lock; Pull the locking pin straight up and then rotate 90°. The locking pin automatically locks in place.

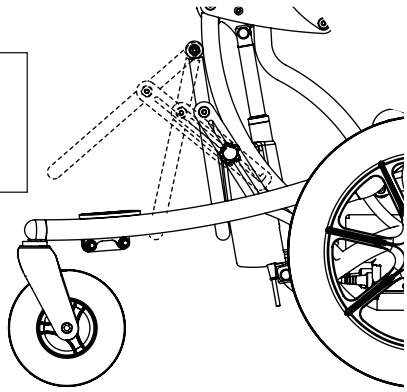
Transportation kit

Mounting of the support bow
Mounted with screws and knobs as shown.
Loc-tite is used on the screws (A) during assembly.



Adjustment of the bow - Quick guide

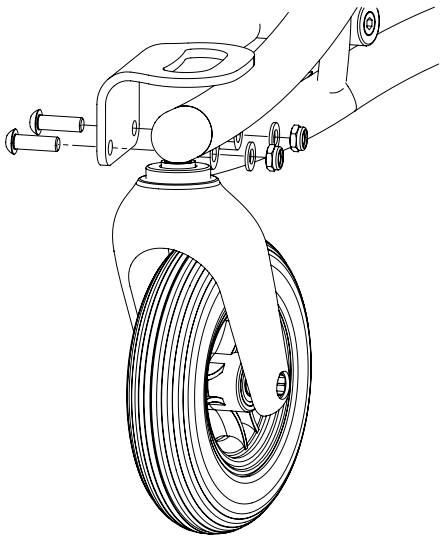
- Loosen the knobs on both sides and pull out the support bow to end position.
- Make sure the knobs hooks on the outer edge of the track and then lock the knobs.



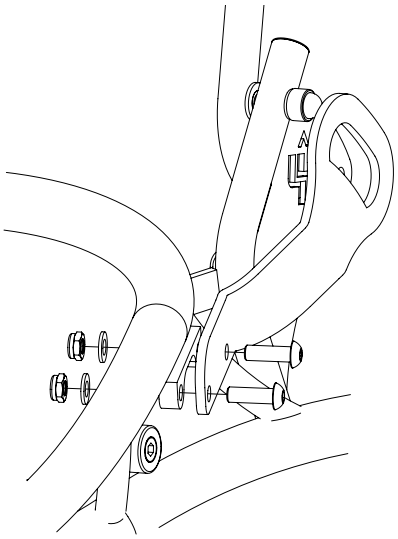
> Support bow must always be in lowest position and in contact with the vehicles floor during transport.

> The driving bow should always lean against the back of the seat system during transportation in a vehicle.

Mounting of the transportation kit (front and rear)
Mounted with screws, washers and nuts as shown.
Note that the loop of the back bracket is pointing backwards.



Front transportation kit



Rear transportation kit

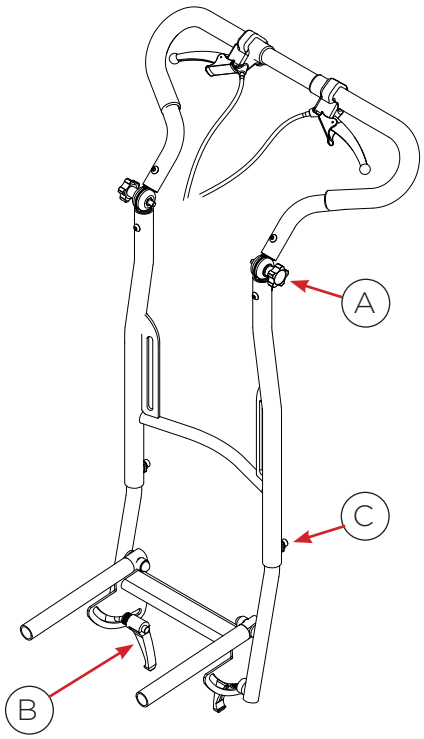
Driving bow

Angle adjustment - Handle (A)
To change the angle of the drive bow handle, loosen the knobs as shown in picture (A). Lock the knobs when the desired angle is reached.

Angle adjustments - Driving bow (B)
To change the angle of the driving bow, loosen the levers (B). Tighten the levers when the desired angle is reached.

Height adjustment - Driving bow (C)
The driving dow or driving handles can be height adjusted in three different heights. Be sure to tighten the screws (C) properly after the desired position is reached.

Overview drive bow



All knobs, levers and screws should always be locked after adjustment.

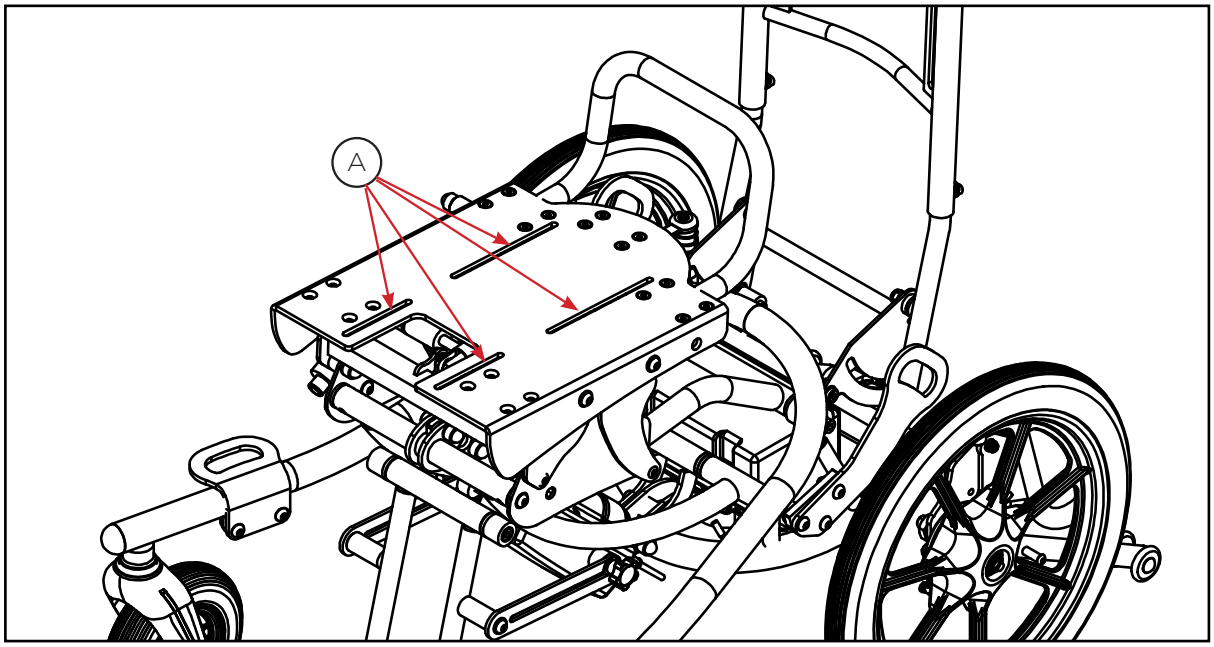
The driving bow must rest against the back of the seat system when transporting a vehicle.

Mounting of seating system

Mounting of seating system

The seat system's mounting plate can easily be mounted on the chassis by four (4) screws, washers and nuts in marked grooves (A) on the underframes seat plate.

> For further information on mounting plates, see the respective operating instructions for the selected seating system.



> When seating systems are fitted to the underframe using an adapter system (153042, 153047), the underframe must be fitted with a driving bow or driving handle to attach the seating system's safety strap.

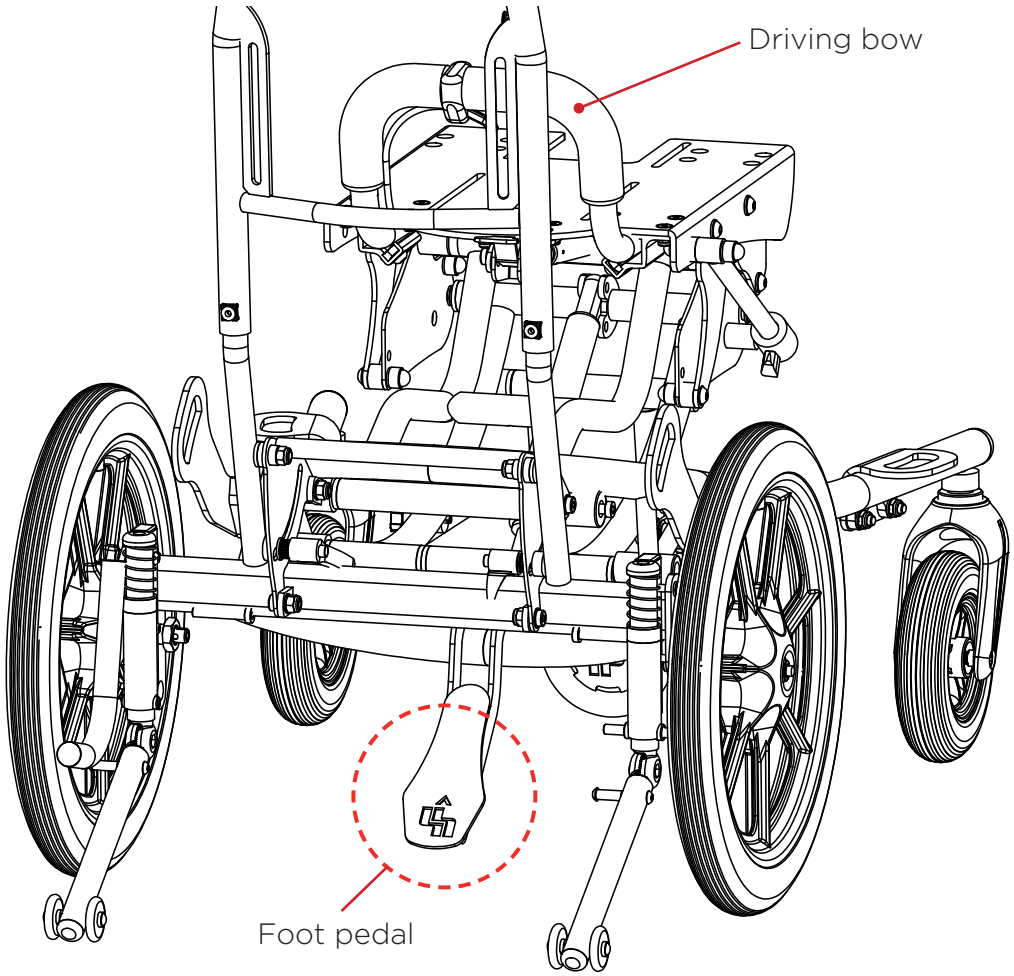
Adjustable sit height - Gas piston

Seat height is adjustable.
The seat height is easily adjusted by using the foot pedal (see pic. below).
Remember to always keep one hand on the seating system when adjusting.

- To activate the gas piston, press the foot control.
- Adjust the seating system to the desired height.
- Release the foot control when you reach the desired height.
  The height is now locked.



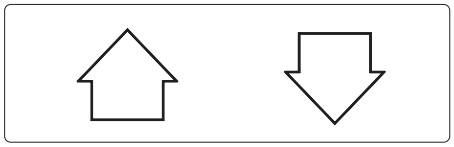
Pay attention to any possible risk of pinching.



Adjustable sit height - Actuator

Seat height is adjustable.
The seat height is adjusted with an electric hand control.

Remember to always keep one hand on the seating system when adjusting.

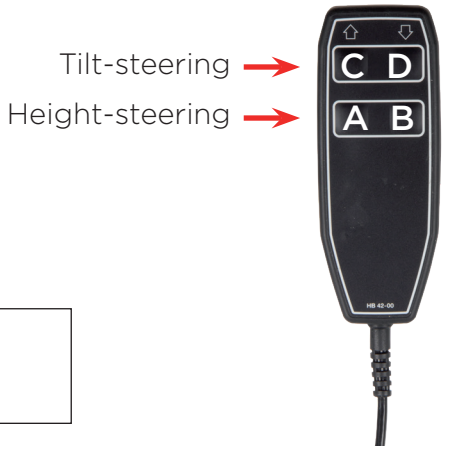


- Upward arrow (A) raises the seat plate
- Down arrow (B) lowers seat plate



Pay attention to any possible risk of pinching.

Hand control



Height adjustment:

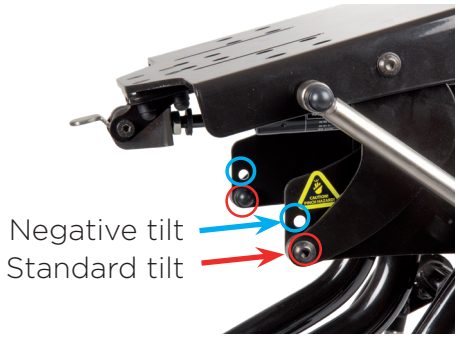




Tilt

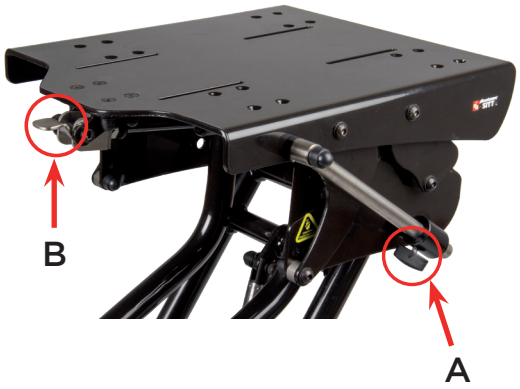
Tilt function

The Flipper Flex G2 has two different tilt modes, which are set using holes at the side of the seat plate. For standard mode, use the lower hole. If a more negative tilt is desired, use the upper hole.



Tilt function with gas piston

Adjust the seat plate angle by loosening the knob (A) and pushing the lever on the actuator downwards (sits at the back at the seat plate). Then push the seat plate downwards and forwards. Release the hand lever (B) to lock the desired angle, then tighten the knob (A) to make sure the angle is locked.



> To reset the seat angle to its original position, loosen the knob (A), push down the hand lever, and pull the seat plate up and back by pulling the driving bar.

> The knob (A) must always be locked after adjustment.

Tilt function with actuators

Adjust the tilt position by holding down the push button (C) for tilting forward and the push button (D) for tilting backwards. Release the pushbutton on the controller when the desired tilt position is reached.



Hand control



> Pay attention to any possible risk of pinching.

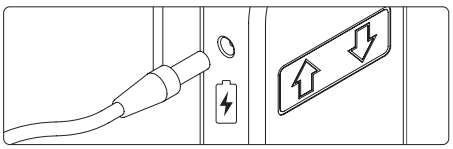
> Place the hand control to minimize the risk of inadvertently activating the raising/lowering function, for example when placing next to a table, etc.

Charging the battery

Connect the charger plug to the socket on the side of the controller. Then connect charger power cable to a wall outlet (220 V).

The charger has a light that shows either green or yellow.
Green = Maintenance charge Yellow = Normal charge

To disconnect charging/power supply, unplug the charger from the wall.



Charging switch is located on the side of the hand control and is marked with a symbol as illustrated.

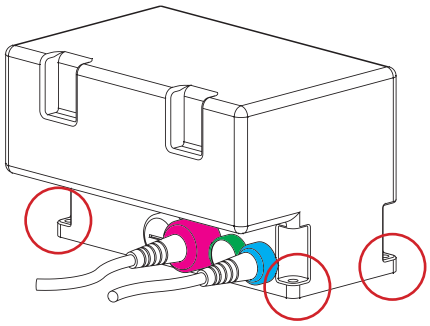


The first charge should be for 24 hours.
Charging thereafter is recommended to take place every night.
Never completely discharge the battery.
Only original chargers may be used.

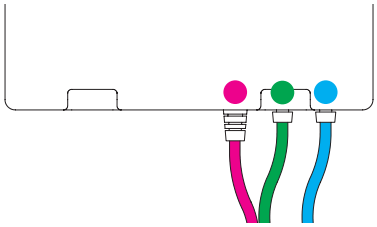
Remember that the charger must be easily accessible during the entire charge. Therefore, remember not to put anything in the way of the plug.

Electronic box

When connecting the electronic box, the contact of the lifting device must be connected to the box marked 1. The tilt function actuator is connected to the box connector marked 2.



- HAND CONTROL
- ACTUATOR (TILT)
- ACTUATOR (LIFT)

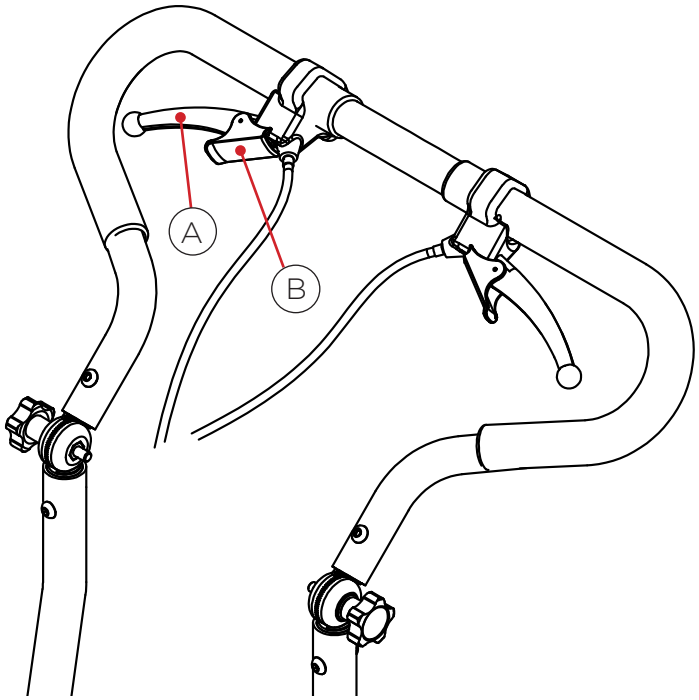


To replace the electronics box, first disconnect all cables. Then loosen 4 screws as shown above. Do in reverse order for to install the new one.

Parking brake

Releasing the brakes
To release locking of a wheel, press the brakehandle (A) and the locking device (B) will release automatically. Then let go of the brakehandle (A).

Setting the brakes
To activate locking of the wheel, press the lever handle (A) and push the red locking lever (B) forward to desired position. Then let go of the brakehandle (A).



Always lock the parking brake when the chassi is standing on a sloping surface.

Footrest

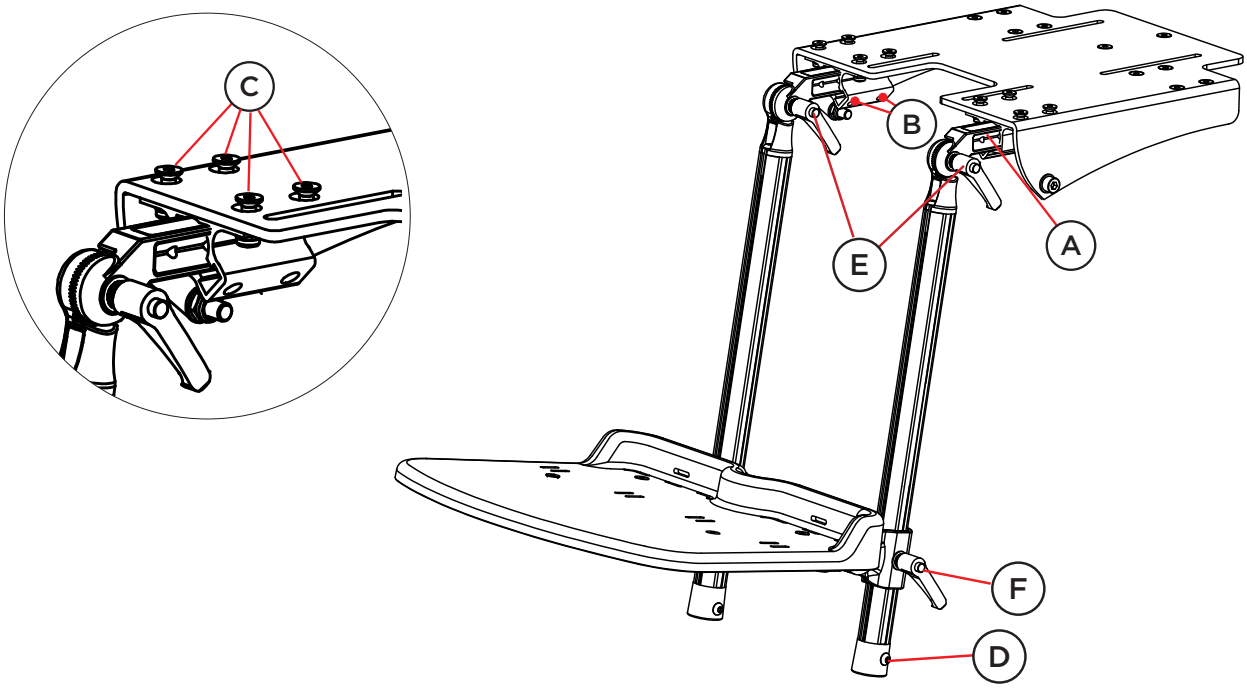
Mounting of footrest
If the footrest bracket is not already included in the chassis, both footrest brackets should be mounted with the supplied screws (C).
The brackets are mounted as shown with four screws/brackets in the front edge of the seat part plate. Note that the locking screws (B) must point inwards/downwards.
Mount the footrest square tube (A) in the footrest brackets under the front part of the seat plate. Lock the footrest with the locking screws (B) on both sides.

Safety stop
Safety stop (D) in the form of a rail pin is mounted in the bottom of footrest profile. The safety stop can also be used to find back to a preset height position.

> ! Mount an extra safety stop above the footrest in the footrest profile groove to easily find an alternate height position (for example, with or without shoes).

Adjusting the angle of the knee-joint
When the footrest is mounted in the seat part plate, it is possible to adjust the footrest at the knee joint. Loosen the levers (E) slightly and adjust the footrest to the desired angle. Tighten the levers.

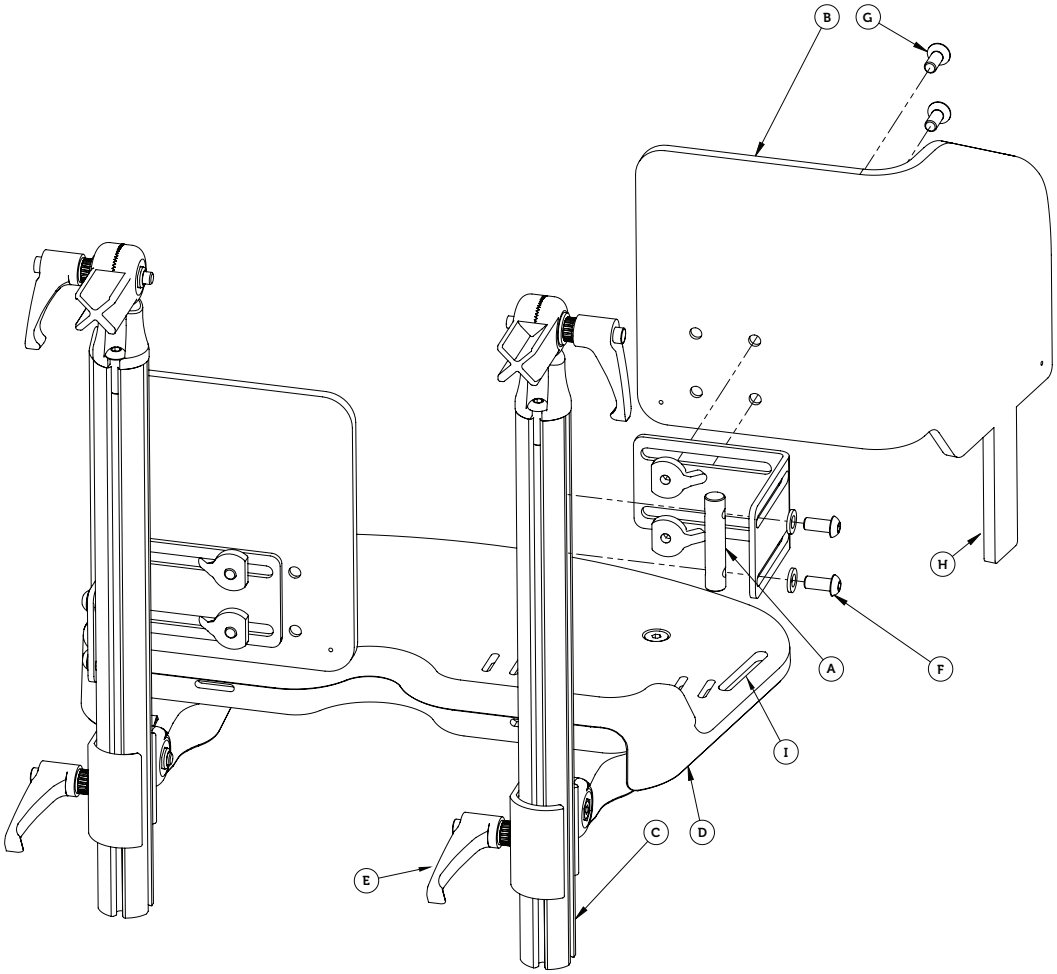
Adjusting the height of the footrest
When the footrest is mounted in the seat part plate, it is possible to adjust the footrest at the ankle. Release the levers (F) slightly and adjust the footrest to the desired height. Tighten the levers.



Footrest high-edge

Footrest high-edge
To mount the footrest, start by pushing the latch pin (A) on the footrest (B) in the footrest bracket (C). Then adjust the footrest (D) to the desired height and tighten lever knob (E).

Use the screws (F) and (G) to set the desired height and width of the footrest. The plastic stay (H) on the high-edge footrest must be passed through the track (I) in the footrest plate. Finish by mounting the included cushion and check that all screws are tightly tightened.



! After adjusting the desired height, the plastic stay (H) can be cut or heated under the footrest plate as required.

Calf support

Mounting calf support

Before mounting the calf support, you must first remove any footrests from the footrest stay. Start by removing the end cap (G) and then loosen the lever handle (F) that holds the footrest in place on the footrest stay. Then drag the footrest plate and its brackets downwards.

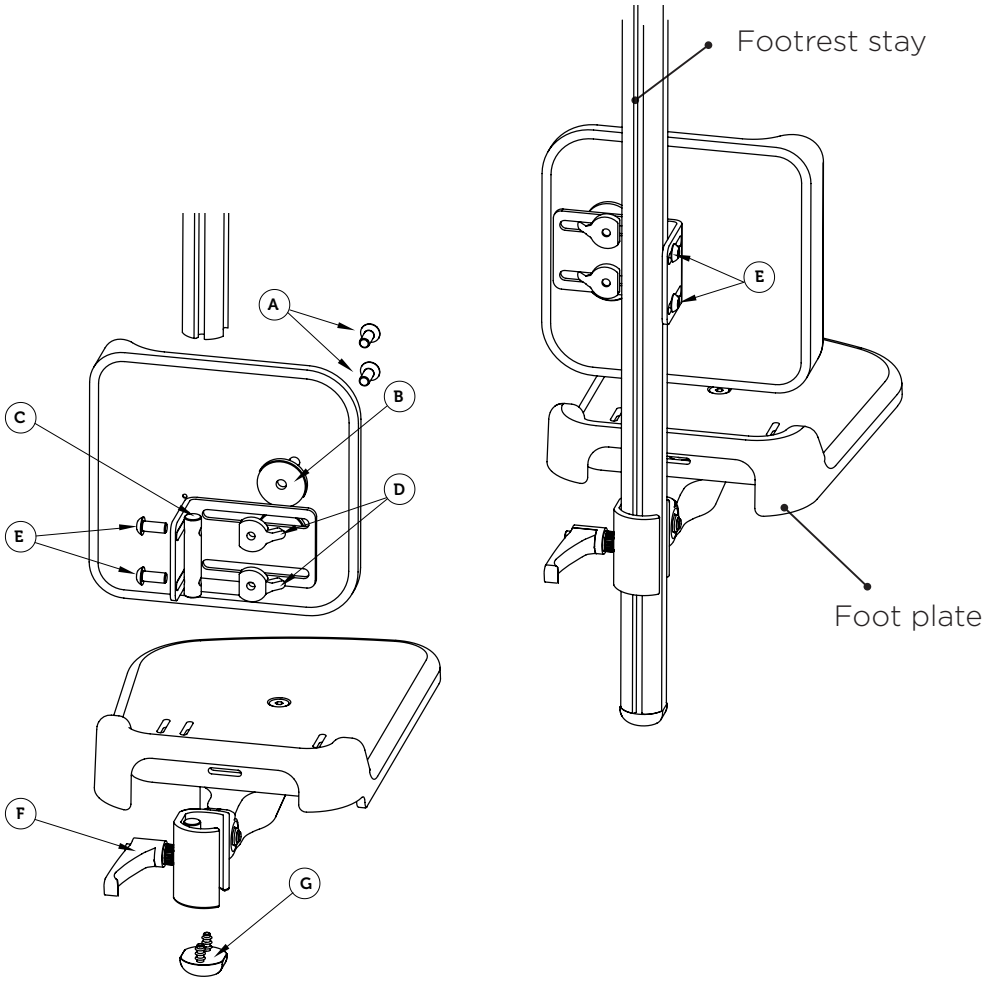
Mount the calf support by pushing the rail pins (C) into the footrest stay, adjust to the desired height and tighten the screws (E). Reassemble the footrest and it's end cap (G).

Adjusting the height

To adjust the height of the calf support, loosen the screws (E) slightly and adjust to desired height. Tighten the screws (E).

Adjusting the width

To adjust the width of the calf support, loosen the screws (A) slightly and adjust to desired width. Tighten the screws (A).



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.

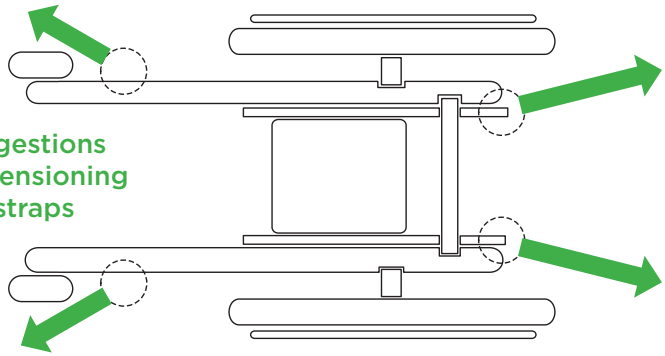
If defects are noticed, do not use the product. Contact your distributor of the aid for action.

Transport in vehicle

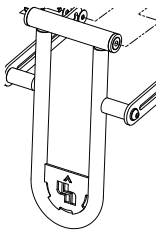
We want to point out that the absolute safest thing is to transport the user in the vehicle's fixed seats, fastened with the ordinary seat belt. We does not recommend vehicle transport in the chassis. However, we are aware that certain users and situations involve the user must be transported sitting in the chassis. In these cases, the safety instructions below must always be followed to minimize the risk of personal injuries in the event of an accident. Read more under Transport kit.

Instructions for transport in vehicles
The chassis is crashtested and approved according to 7176-19 for 75 kg in a car.

Fastening must be done with straps, approved according to ISO 10542, in the chassis transport brackets marked with the following sticker. Attach the four straps with the carabiners to the wheelchair attachment points. Lock the brakes on the wheelchair and tighten the straps.
The driving bow must rest against the back during transport in vehicle.



Suggestions for tensioning the straps



Support bow

⚠ Support bow must always be in lowest position and in contact with the vehicles floor during transport.

⚠ It is important to only stretch the straps, and not tighten them too hard. To much tension of the straps can cause the chassis to become skewed.

⚠ Crash approval applies to load weight up to 75 kg.

⚠ You must travel forward in a car with the car's three-point belt.

⚠ The fastening system and the three-point belt must be approved according to ISO 10542.

⚠ Attach the four straps with the carabiners to the wheelchair attachment points. Lock the brakes on the wheelchair and tighten the straps.
The driving bow must rest against the back.

Correct positioning of the belt and angle according to figure 1.

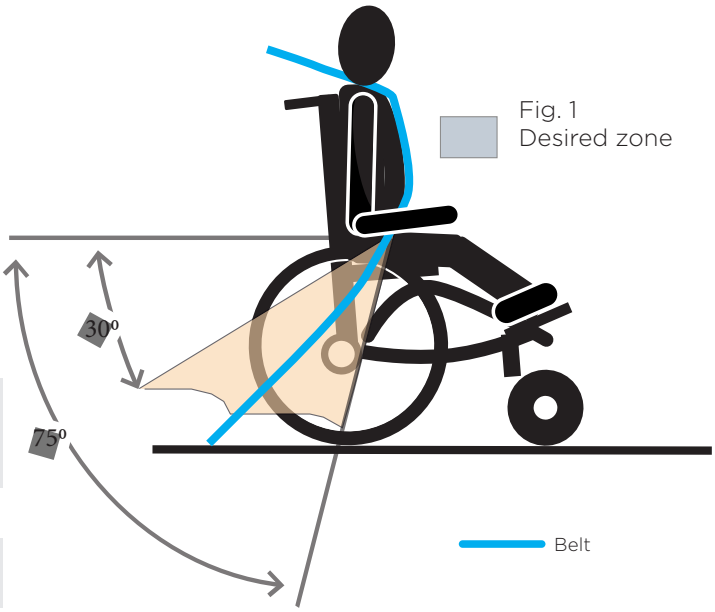


Fig. 1
Desired zone

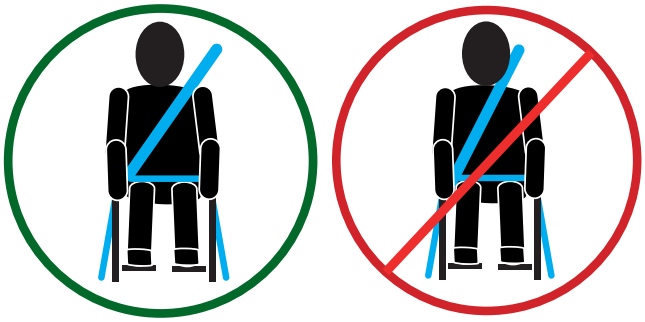
The belt should sit tight and flat against the body. Check so the parts of the wheelchair not prevent the belt from getting close to the body.

The upper part of the belt should go over the user's shoulder without pressing on the neck (fig. 2).

Do not exceed the maximum load weight for the chassis.

Do not changes or damage the wheelchair´s attachments for transport straps.

Fig. 2



A three-point belt must be used to reduce the risk of head and chest injuries caused by vehicle components.

If the wheelchair is equipped with a table, this must be removed and stored safely during transport.

Whenever possible, other detachable equipment should either be secured in the wheelchair or removed to be stored safely during transport.

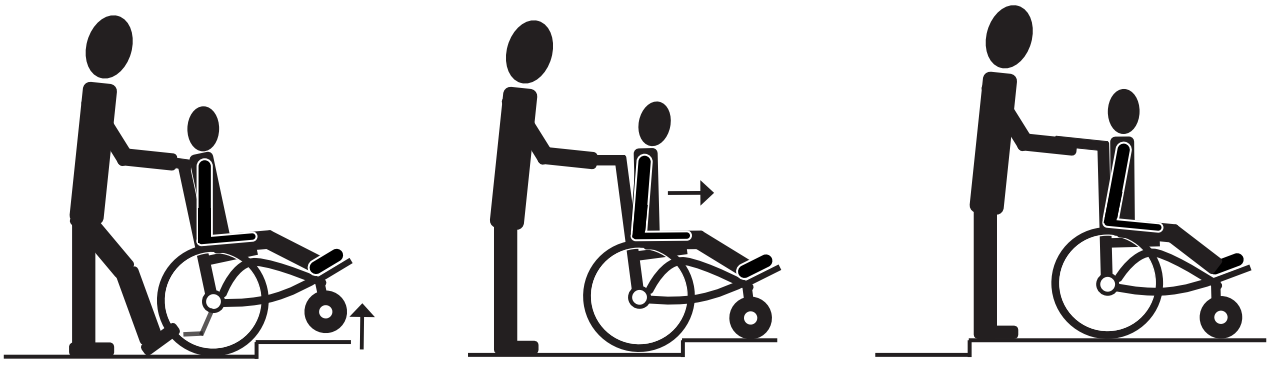
Note that the buckle on the seat belt should be placed so that the "opening button" not can come into contact with loose parts in the event of a collision.

The wheelchair must be taken out of service if it has been involved in a collision.

Driving technique

Assistant help, up forward

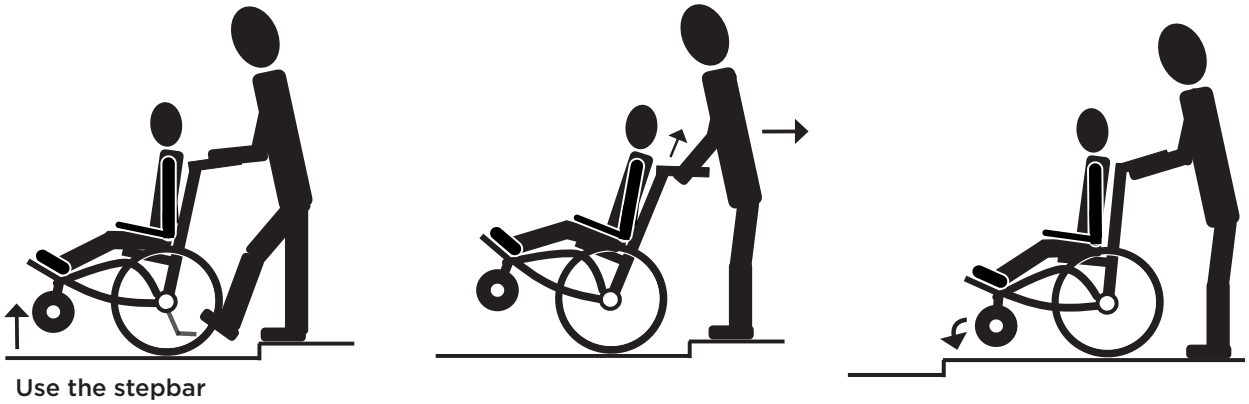
- Be sure to deactivate anti-tip devices.



Use the stepbar

Assistant help, up back forward

- Be sure to deactivate anti-tip devices.



Use the stepbar

Assistant help, down forward

- Be sure to deactivate anti-tip devices.



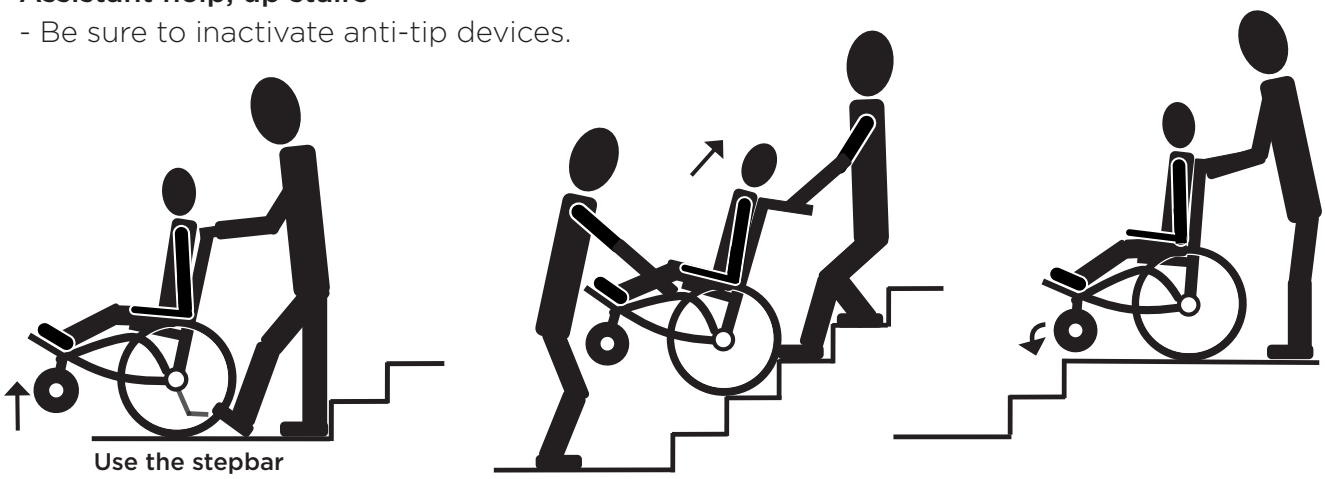
Use the stepbar

> ⚠ Always activate if necessary. anti-tip device when the transfer is complete!

Always carry two together.
Carry in the frame and the driving bow.

Assistant help, up stairs

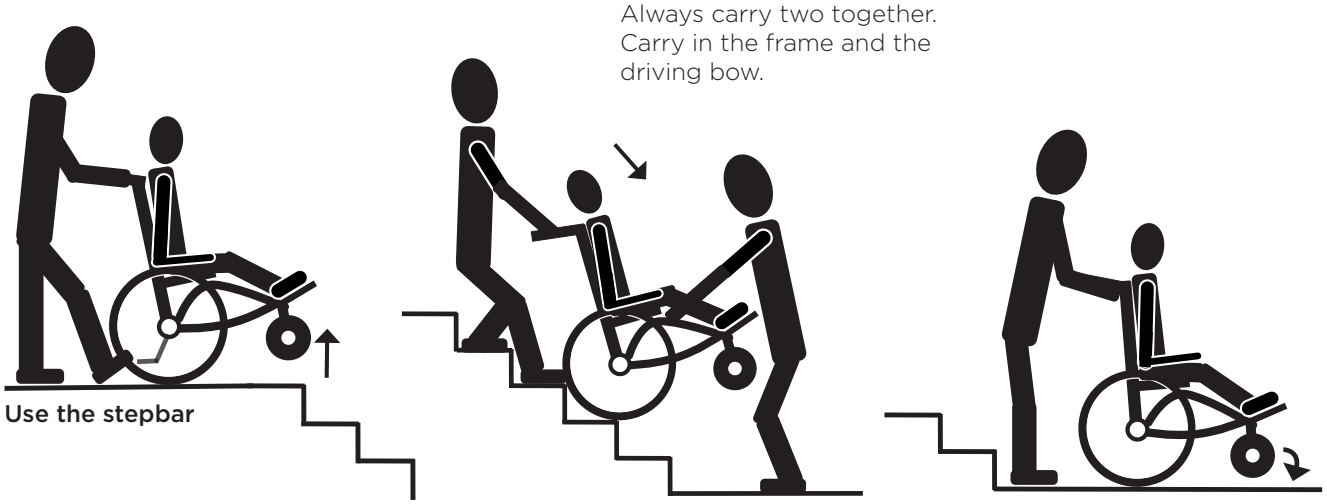
- Be sure to inactivate anti-tip devices.



Assistant help, down stairs

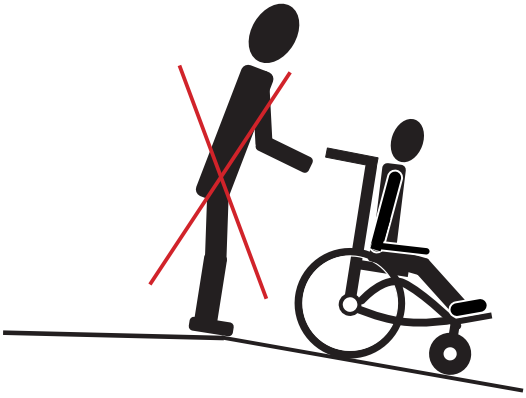
- Be sure to inactivate anti-tip devices.

Always carry two together.
Carry in the frame and the driving bow.



Leaning surface

- Keep in mind the increased risk of tipping when used on sloping surfaces. Never let go of the bow when driving on sloping surfaces. Check that the chassis is stable and that the brakes are locked when parking.



⚠ Always activate anti-tip device when the transfer is complete!
Make sure that the height-adjustable handles are tighten.
Do not take the escalator even if help is available!

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, regular service and inspection 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 moving functions, such as back angle, tilt, height adjustment, etc. regarding mobility and locking.

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.

The electronics are IP rated: IPX0. This means that it may only be cleaned with slightly damp cloth. The electronics must be removed before washing.

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 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 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 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: Check that all wheels are fixed and firmly on the ground. Check that the product rolls normally.

- Check wear on all joints, cog joints and brackets. Make sure they lock properly.
- Check markings, labels and warning symbols so that they are complete and readable.

Supplement for electrical functions
- Check that the actuators and batteries are correct 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 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.

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 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 solvent.

The product can advantageously be cleaned in a washing cabinet: 65°C for a maximum of 10 minutes. When cleaning the base in the washing cabinet, it must be fixed and placed upright with locked wheels.

Electrical components must be removed from the chassis before cleaning in laundry cabinet.

Drying
The chassi can be dried in a cabinet at a maximum of 65°C for up to 10 minutes.

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.

Paint
To prevent corrosion damage or repair scratches. Enhancement paint can be ordered from Anatomic Sitt AB.
Article number: 387299, Improvement paint chassis G2, matt black.

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.
- ☐ Check that the aid is not skewed and that it is stable with all wheels against the ground.
- ☐ Check that the wires are correctly positioned and correctly adjusted.

Chassi:
- ☐ Check that all screws and nuts are tight.
- ☐ Check that the tilt angle function works and that the piston locks in the selected position.
- ☐ Check that the wires are correctly positioned and correctly adjusted.
- ☐ Check that any lifting-piston works properly.
- ☐ Check that the driving bows adjustment and joints work and that the upholstery is complete.

Wheels/Brakes:
- ☐ Check that the screws for the wheels are properly tightened.
- ☐ Check that the castors spin freely and that the bearings do not jam.
- ☐ Check that the quick-release locks correctly.
- ☐ Check that the brake cables are undamaged, correctly positioned and correctly adjusted.
- ☐ Check the brake function on all wheels.
- ☐ Check that the chassis rolls easily and straight.
- ☐ Check the pressure and patterns on the tires.

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

Fastening system:
- ☐ Check the function so that it locks

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

Electrical functions:
- ☐ Check that actuators and batteries 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 is void for electrical components if they are opened or tampered with. 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 custommade products cannot be returned!

Revision

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

List of symbols
New sticker Crash tested according to ISO 7176-19 p. 5

Product labeling
New label for main product p. 6

Transport in vehicles
New sticker Crash tested according to ISO 7176-19 p. 31
Clarifying text + image of the support bar.

Revision list
ver. 2.0 - 2020-09-28
ver. 2.1 - 2021-05-26
ver. 2.2 - 2021-12-21
ver. 2.3 - 2022-06-08
ver. 2.4 - 2023-03-06
ver. 2.5 - 2023-05-24
ver. 2.6 - 2023-09-13
ver. 2.7 - 2023-11-29
ver. 2.8 - 2024-11-12

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

CE | Anatomic SITT™