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EN

Anatomic SITT™



Zitzi

Guppy G2

User manual

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

This user manual refers to chassis Zitzi Guppy G2 with accessories. which is intended for outdoor use, operated by a caregiver. For a complete overview of the intended accessories, see the product orderform.

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The CE Mark is no longer valid and should be removed.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

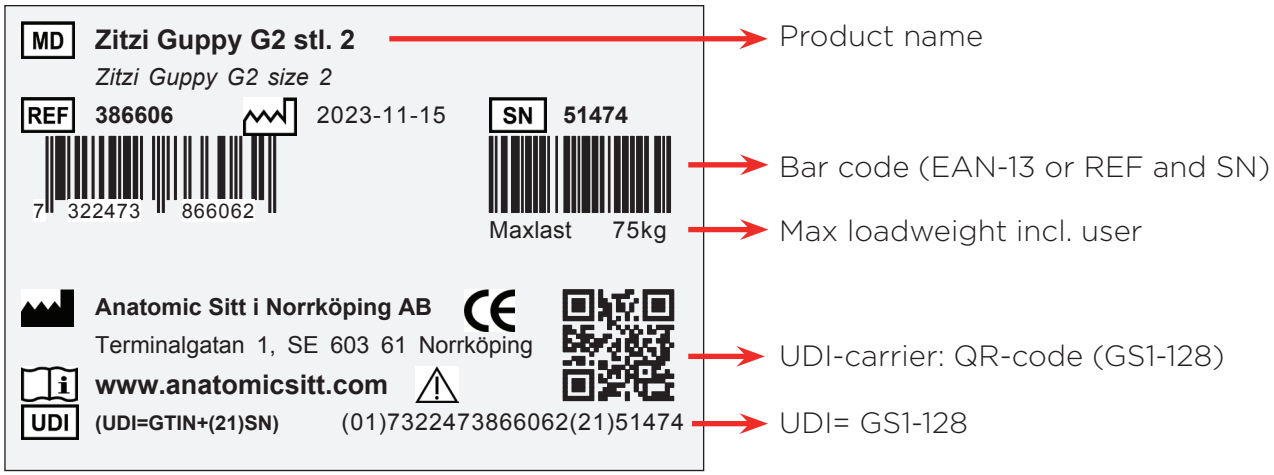
Zitzi Guppy G2 is a wheelchair chassis, operated by a caregiver, for outdoor use. The product is intended to be used together with a modular seating system or individual seat. Zitzi Guppy G2 is a reusable product.

Symbol list

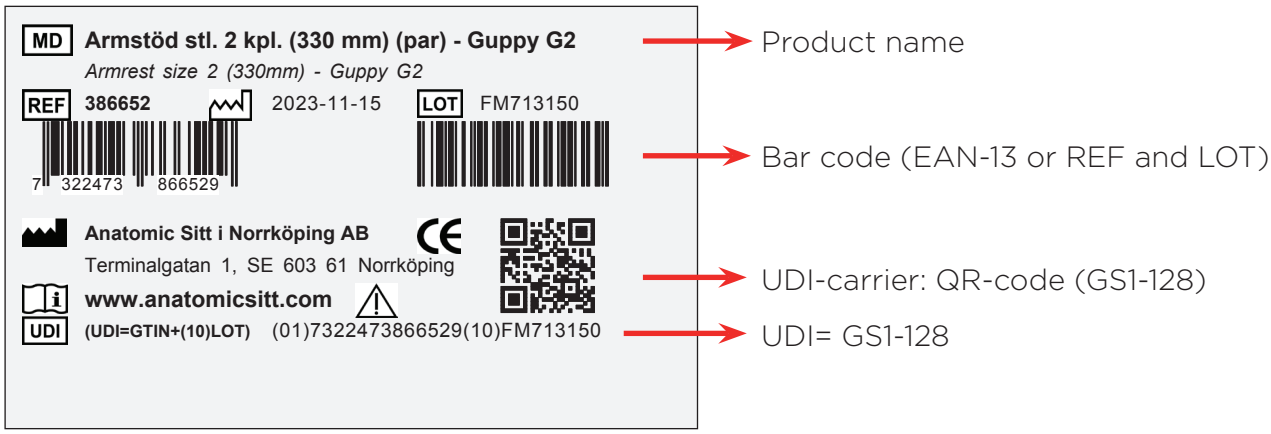
	These symbols are found in the user manual and on the product to draw the reader's attention to important safety information etc.	LOT	Indicates the manufacturing batch number so that batch can be identified.
	This symbol indicates any risk of pinching.	MD	Indicates that the product is a medical device.
	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.
 www.anatomicsitt.com	Indicates that the user manual should always be read before use. Web address indicates where the document is located online.	SN	Indicates the manufacturer's serial number so that a specific technical product can be identified.
	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.	UDI	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.	CE	Indicates that the product is CE marked according to applicable EU directives.
	Indicates the date when the medical device was manufactured.		Indicates where transport brackets should be attached to the product, when transporting in a vehicles.
	Indicates that the user manual must be read before using the product. The symbol is found on the product.		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 professional 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 testing 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 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.

⚠ 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.
- The castors can collide with the footplate in some cases. The steering ability of the castors can be affected and the settings of the footplate may then need to be changed.
- Never use the footplate when getting in and out of the aid.
- 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.
- 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 products moving functions, such as back angle, tilt, height adjustment, etc. regarding mobility and locking.
- Check the adjustment of the tilt wire for correct operation.

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

Restrictions

Max load

Max load weight is: 75 kg (size 1-2) and 110 kg (size 3/3 wide).
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.

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 downward. 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

Combining medical devices or accessories means that you as a customer need to ensure how this can be done.

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 separate spare parts list with exploded view.

The product may retain the CE marking even with seats and seating systems from another supplier if the following criteria 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 manual wheelchairs and that the third party approves the use of its seating system on other suppliers' wheelchair bases)

- That the wheelchair original attachment points are used and intended attachment systems from Anatomic Sitt AB. The attachment points/attachment systems must fit the current third-party product. No modification/adaptation may be made to any of the products to enable the combination.

- Valid mounting instructions for the relevant third-party product and from Anatomic Sitt AB must be followed.

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

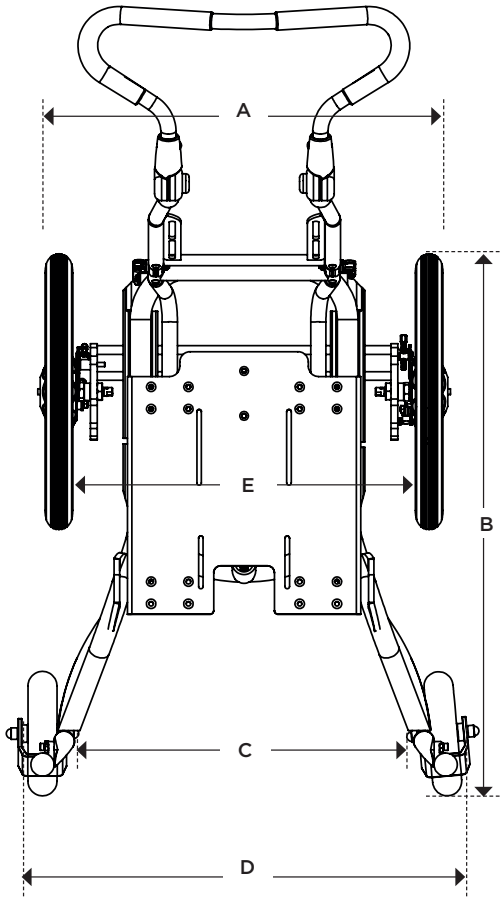
If the product is unusable product, contact your aids center or dealer/manufacturer.

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

Technical data/Performance

Guppy G2

PRODUCT DATA				
Max loadweight (user + seat)	**Size**	size 1	size 2	size 3
	Max	75 kg	75 kg	110* kg
	**110 kg applies from serial no. 58624 (previously 105 kg).*			
Seatplate height (depending on wheel size)	**HJUL**	16" & 20"	22"	24"
	SITTHÖJD	46 cm	48 cm	50 cm
Weight (depending on wheels & accessories)			15-17 kg	
Tilt			0° - 31° alt. -6° - 29°	



With 16" wheels (7" caster)

Size	A	A (E-drive)	B	C	D	E
1	51 cm 54 cm*	56 cm	70-80 cm	41 cm	57 cm	41 cm
2	56 cm 59 cm*	61 cm	70-80 cm	41 cm	57 cm	46 cm
3	61 cm	66 cm	79-91 cm	49 cm	66 cm	51 cm
3 wide	66 cm	71 cm	79-91 cm	49 cm	66 cm	56 cm

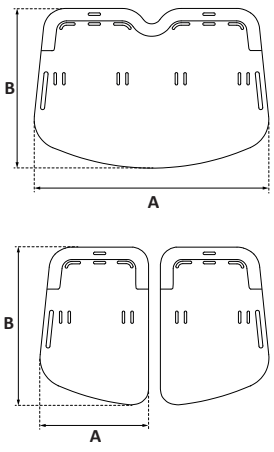
*measures with camber angled wheels

With 20"/22"/24" wheels (7" caster)

Size	A	B	C	D	E	E with mud flaps
1	57 cm 63 cm*	75-85 cm**	41 cm	57 cm	43.5 cm	39.5 cm
2	62 cm 68 cm*	75-85 cm**	41 cm	57 cm	48.5 cm	44.5 cm
3	67 cm	90-101 cm**	49 cm	66 cm	53.5 cm	49.5 cm
3 wide	72 cm	90-101 cm**	49 cm	66 cm	58.5 cm	54.5 cm

*measures with camber angled wheels. ** B-measure for 22" +2.5 cm and for 24" +5 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

* use widening kit for casters

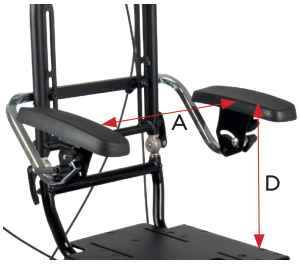
	A x B
Divided, size 2	160 x 220 mm
Divided, size 3	180 x 255 mm
Divided, size 4	180 x 305 mm

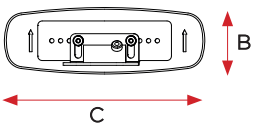
Footrest stay profile lenght (mm)

Size:	2	3	4/5
	200	250	300

Lenght of cog joint: 80 mm

ARMREST FROM BACK





Measure	A	B	C	D
size 1	280 - 440 mm	75 mm	230 mm	180 - 380 mm
size 2	280 - 440 mm	75 mm	330 mm	180 - 380 mm
size 3	380 - 500 mm	75 mm	330 mm	220 - 400 mm

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.

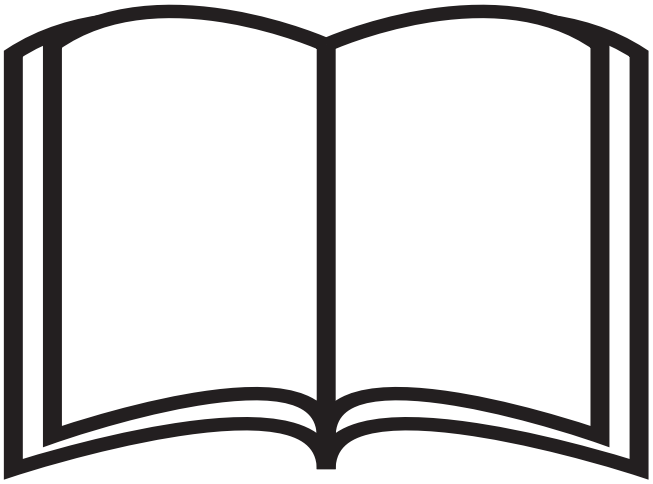
Allowed adaptations within the framework of CE marking
The footrest profile may be shortened to fit the user better.

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's functions so that the aid can be used safely.



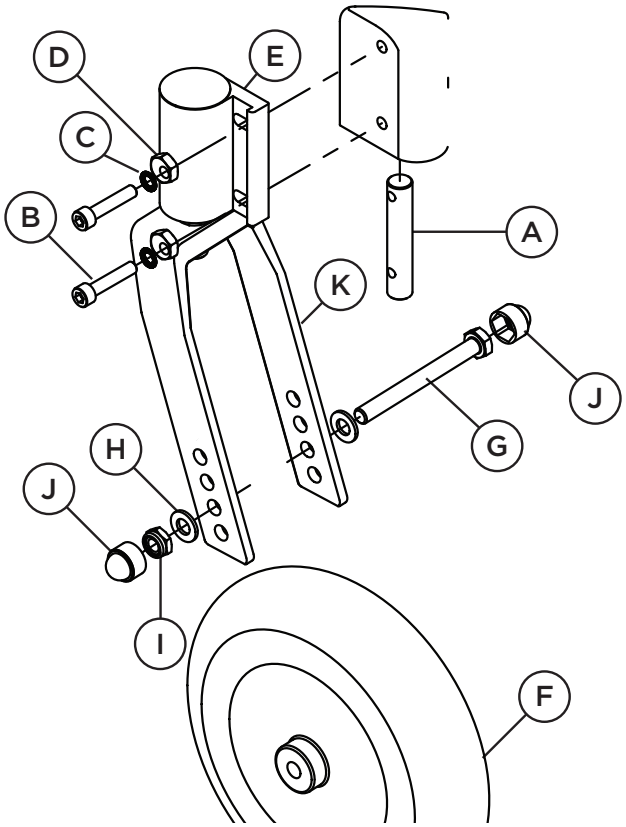
Caster

Mounting of caster house on the frame
Insert the pin (A) in intended hole underneath the chassis as illustrated. Then mount the front wheel house using screw (B), washer (C) and the eccentric nut (D) and tighten.

Mounting of the caster on the caster house fork
Choose between four (4) different castors positions and then mount the caster wheel (F) using the supplied wheel axle (G), washer (H) and lock nut (I) in the desired mounting hole on the castor fork (K).
Place the caster (F) in the castor fork (K) according to the picture. Place a washer on the wheel axle (G) and then insert it into the desired hole on the castor fork. Then meet on the opposite side with washer (H) and lock nut (I). Tighten the nut. Then exit by inserting your nut caps (J) over the lock nut.

Caster positioning
You can adjust the castors in four (4) different height positions. This allows you to adjust the castor height after positioning the driving wheels.

> ⚠ Secure that the screws is properly tighten after the adjustment.



Adjustment of caster fork

You may need to adjust the caster fork (A) if the wheelchair doesn't roll properly. This can occur when adjusting the caster position without adjusting the caster fork (A).

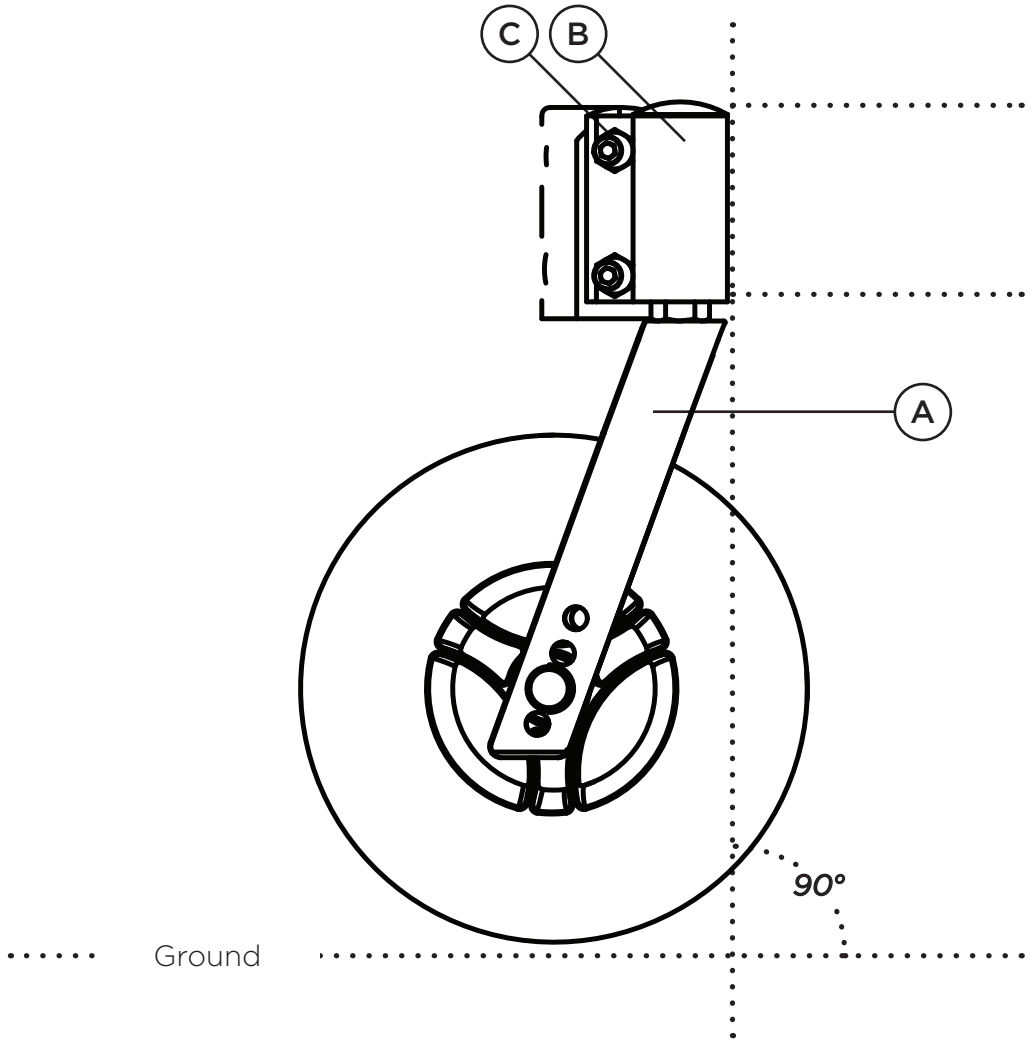
Make sure that the position of the caster attachment (B) is 90° in proposition to the ground as illustrated.

Angle adjustment of caster fork

Loosen and rotate the eccentric nuts (C) on the caster attachment (B) until the correct angle is obtained.

Tighten the screws properly after adjusting the caster fork.

> ⚠ Make sure the screws are properly tightened after the adjustment.



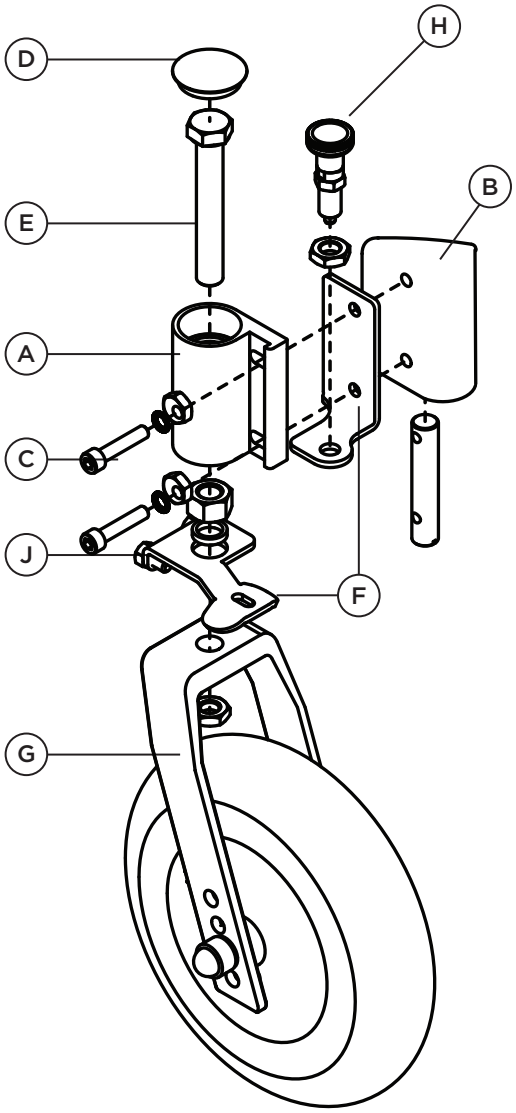
Direction lock

Mounting of direction lock
Mount the direction lock to the castors using the supplied details.

Start by removing the castor attachment (A) from the chassis attachment (B) by removing the screws (C). Then lift the end seal (D) from caster attachment (A) top and remove the center bolt (E).

Then mount the directional lock details (F) between the caster attachment (A) and chassis attackhment (B) and between the caster attachment (A) and the caster fork (G) with the supplied details as illustrated.

When the direction lock is installed, mount the caster on the chassis again. You can adjust the direction lock by slightly adjusting screw (J).



Activate direction lock
Pull the locking pin (H) straight up and then rotate 90° and release the pin down into the hole in the moving part.
Ensure that the direction is locked.

Releasing direction lock
Pull the locking pin (H) straight up from the moving part and then rotate 90° and release the pin gently.

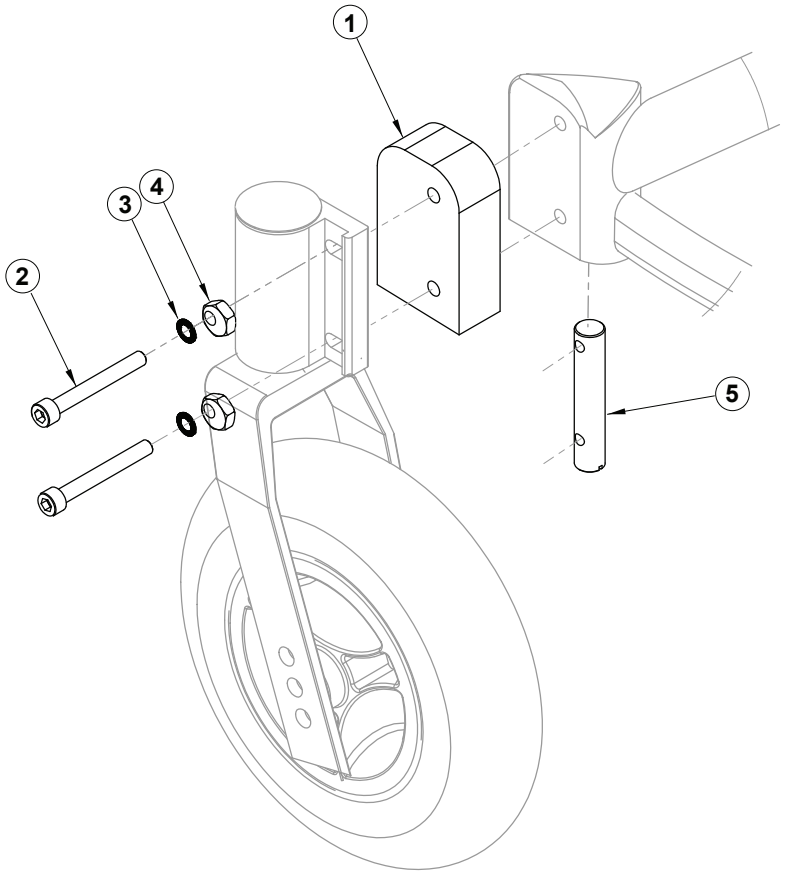
! Direction lock fits only 7” caster wheels.

Widening kit for castor wheels

The purpose of the widening kit is to widen the space between the castors so that there is more room for the footrests to reduce the risk of them hitting the castors.

Mounting of the widening kit
Fit the widening spacers (1) between the castor attachment and the frame. The narrow rim should be faced forward of the frame to fix the spacer correctly.
Start by removing the screws holding the castor bracket. Position the spacer (1) as shown in the figure below. Use the longer screws (2) that come with the widening kit and the washer (3), eccentric nut (4) and frame pin 5.
Tighten the screws.

If the castors are not straight or have uneven pressure on the floor, follow the **Adjustment of the castor fork** on page 16.



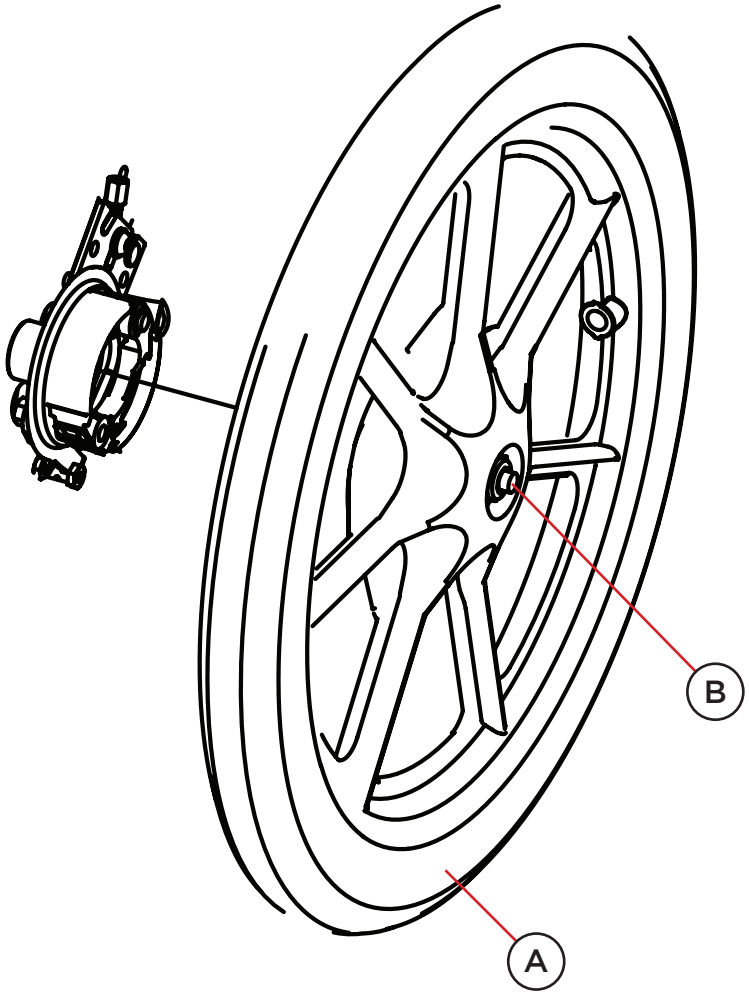
Wheels

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

Mounting of driving wheel with quick-release
To mount the driving wheels (A), press and hold the button (B) in the wheel center, while you stick the axle into the chassis until it stops. Release the press button (B). Secure that the wheel is installated properly by trying to pull it outwards without pressing the quick-release button (B).

> Make sure that the wheels are in locked position after using the quick-release function.

Release the driving wheel with quick-release
To release the wheel, press and hold the button (B) in the wheel center as you pull off the wheel from the chassis.



Wheel position

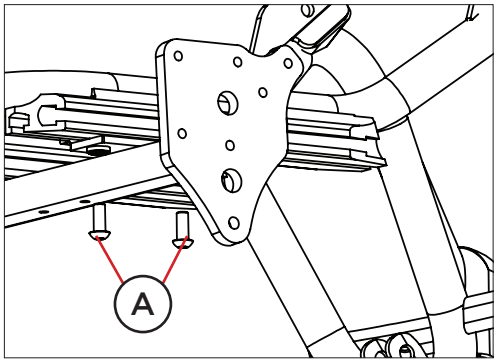
Wheel positions
To maintain a correct centre of gravity it is possible to change positions of the driving wheels depending of the seat systems position on the chassis seat plate.

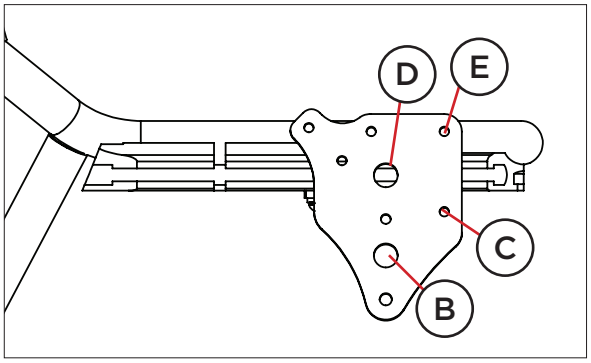
To adjust the wheel in depth, release four screws (A) on the underside of the wheel shaft and adjust to the desired depth. Check with ruler or folding rule that the wheel shaft sits at the same depth on both sides.

16” wheels are mounted in holes B + C.
20”, 22” and 24” are mounted in holes D + E.

Changing the wheelposition might increase the risk of tipping.

The screws should not be completely unscrewed, just slightly.





Camber-angled driving wheels
For Guppy G2 size 1 and 2 it is possible to choose camber angled wheels. This requires the replacement of the drive wheel axle.
Loosen the screws (A) and replace the straight axle with the camber-angled one and mount in the same way as above.

Regardless of straight or camber-angled wheels, these are mounted in the same hole pattern according to the inch size described above.

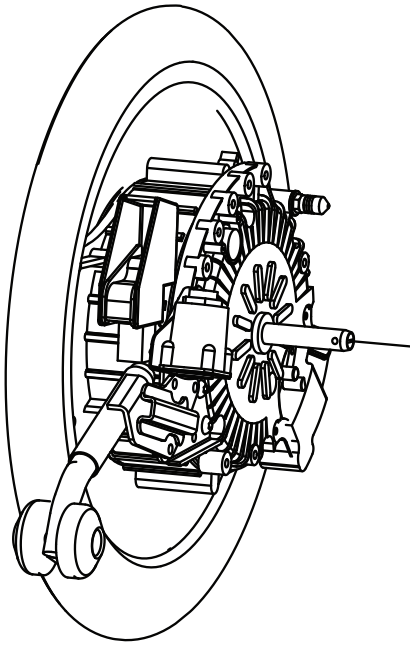
E-drive

E-drive together with Guppy G2
E-drive is an electrical package that makes Guppy power-operated. E-drive is available for Guppy with 16” and 20” driving wheel size.

Mounting of E-drive
E-drive replaces existing driving wheels and assembles according to separate user manual, in the intended hole pattern on the side of the wheelchair frame with spacer, washer, screw, nut and hub shaft. The hand control is fitted with the supplied details on the driving handle.

> **!** For more detailed information about e-drive, refer to separate installation instructions for E-drive on Guppy.

Using E-drive
E-drive makes Guppy an attendent operated electrical wheelchair and controlled by a hand control.l.



Brake

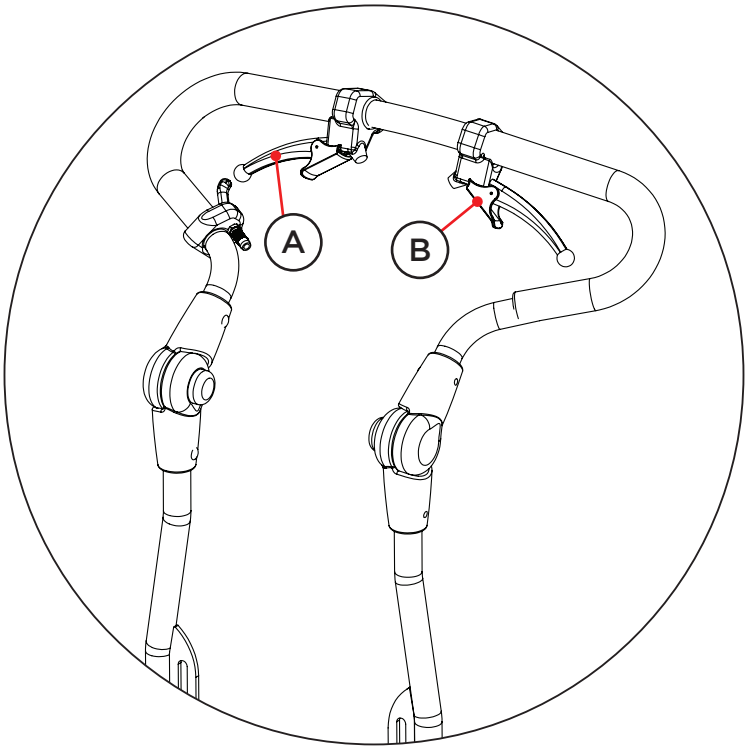
Using drum brake
The chassis is equipped with drum brakes that can be activated by the attendant. Always check that the brakes are working properly before use.

Press the right brakehandle (A) while pushing the wheelchair forward.
The rear wheel shall brake and stop spinning. The brakehandle (A) should not be possible to press all the way to the driving handle. About 5-10 mm should remain when brakes are set.

Repeat the procedure with the left brake handle.

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.

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).



Installation of drum brake

You need to remove the wheel from the wheelchair to mount the drum brake. Press the button on the quick-realease axle and pull the wheel and axle out from the drum brake.

Mount the drum brake on the chassis by putting the large spacer (A) over the drum brakes threaded axle and push it in the intended hole for the desired position. Attach the big nut (B) to the inside of frame side plate and tighten something. It is important to not tighten too hard.

Stick the screw (C) through the hole for rotation lock in the brake drum through the small spacer (D) and through the holes in the frame side.

Attach with washer (E) and nut (F) on the inside of the frame side plate.t.
Tighten both nuts (B) and (F) so that the brake drum is securely tightened.

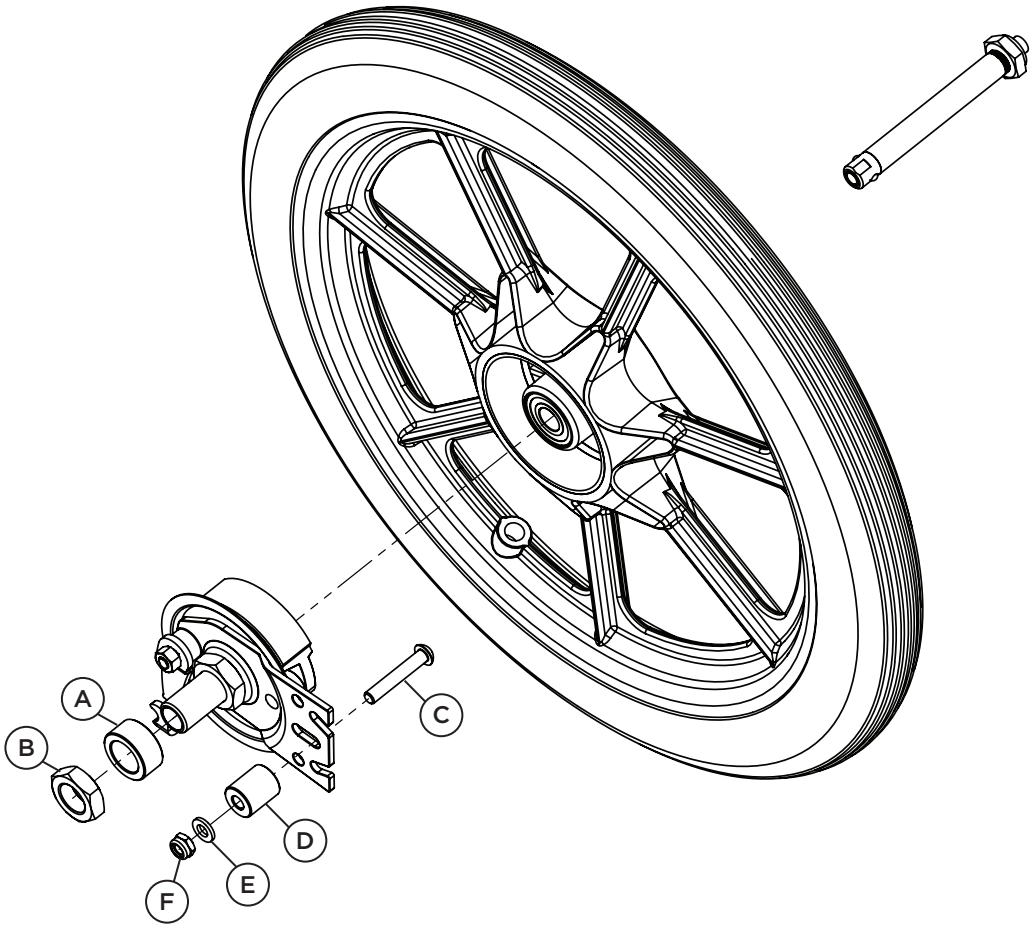
Take the quick-release axle with the wheel and push until the wheel attaches. Test by pulling the wheel slightly outwards (without pressing the quick release button).

! If using 16” wheels the screw (C) shall be threaded direct into the plate.

! Nut (B) (and skrew C if choosen 16”) shall be secured with thread locking such as Loctite 243 or equivalent.

! For more information about using quick-release, see page 19.

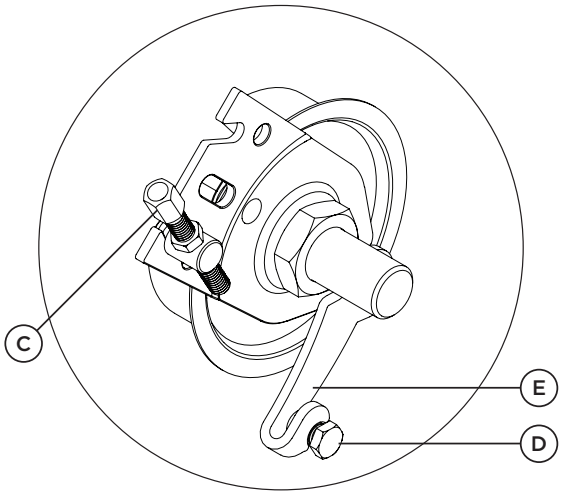
! The mounting principle of drum brake is the same regardless of wheel size.



Brake trouble shooting

First check the tension of both brakewires. If a wire has low tension, try to tens it by loosen the screw (C) and then tighten again. If the adjustment is not enough try the following quick-setup guide to re-tighten the brake cables.

1. Tighten the screw (C) to its bottom position.
2. Loosen the nut (D).
3. Squeeze the brake by lifting the drum brake arm (E) and move the nut (D) further up the wire.
4. Tighten the nut (D) and adjust the tension with the screw (C).

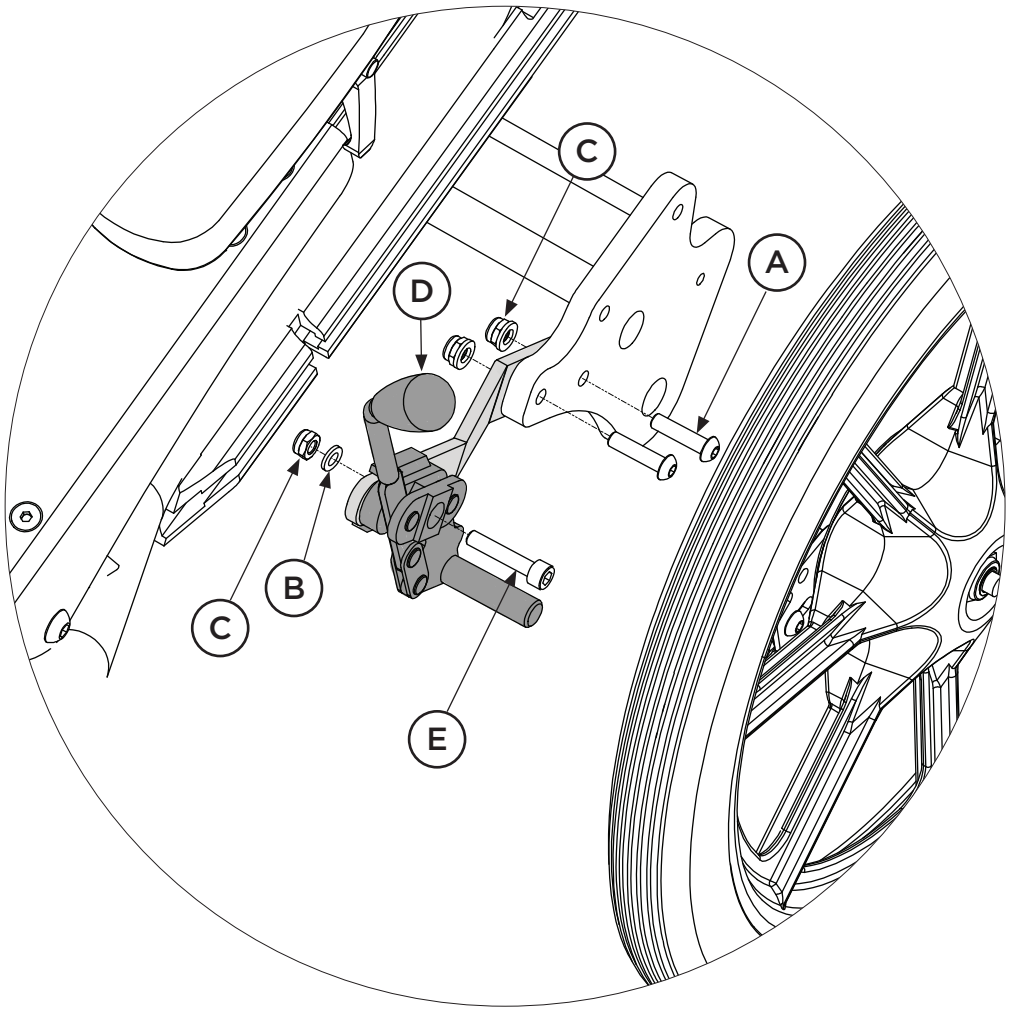


Detaljvy trumbroms

Parking brake

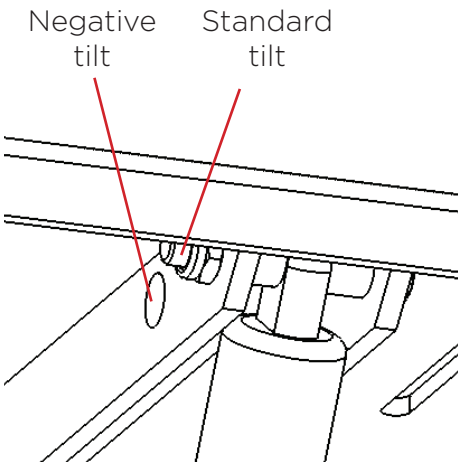
Mounting of parking brake
The parking brake bracket is mounted according to the picture in intended holes on the side of the frame with the supplied screws (A), spacers (B) and nuts (C). If necessary, adjust the parking brake (D) by loosening the screw (E) and then move the parking brake (D) forward or backward in the track. Tighten the screw (E) when desired position is reached.

To use the parking brake
Lock the parking brake (D) by pushing the parking brake lever forward.
Pull the parking brake lever back to release the parking brake.



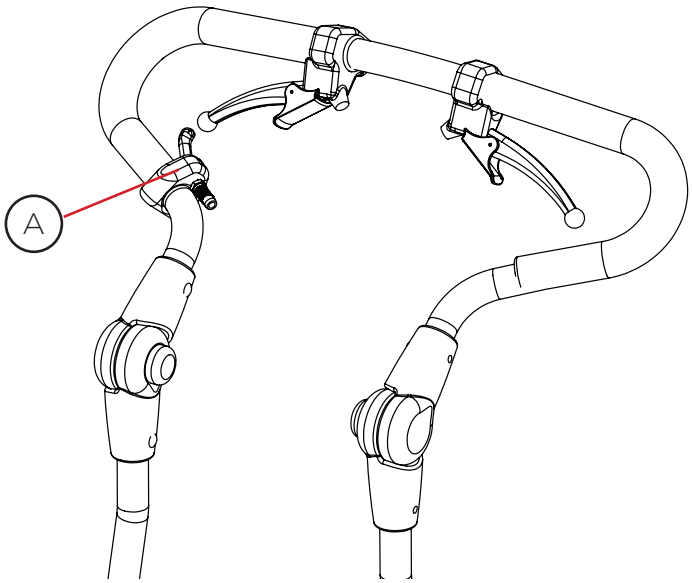
Seat tilt

Tilting the seat
Guppy G2 has two different tilt positions, which are set using holes under the seatplate. If the piston is attached to the standard hole at the bottom (as shown below) tilt is obtained at 0° to 31°.
If the piston is attached to the hole above, a tilt of -6° to 29° is obtained.



Using the seat tilt
To tilt the seat, push the lever (A) while holding the driving bow with one hand and push it down/forward. Release the lever (A) when you have reach the desired tilt.

To reset the seat angle to the original position, press the slider (A) and pull the driving bow upwards and backwards by holding the bar handles.



Be careful to avoid risk of pinching when tilting the seat.

Be aware that the tipping risk may increase when tilting the seat.

Footrest

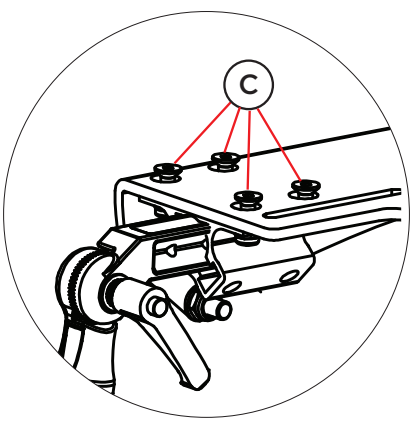
Mounting of footrest
Use the supplied screws (C) to mount the brackets to the footrests. The brackets are mounted as shown with four screws/brackets in the front edge of the seat part plate. Note that the locking screws (B) must point inwards/downwards.Mount the footrest square tube (A) in the footrest brackets under the front part of the seat plate. Lock the footrest with the locking screws (B) on both sides.

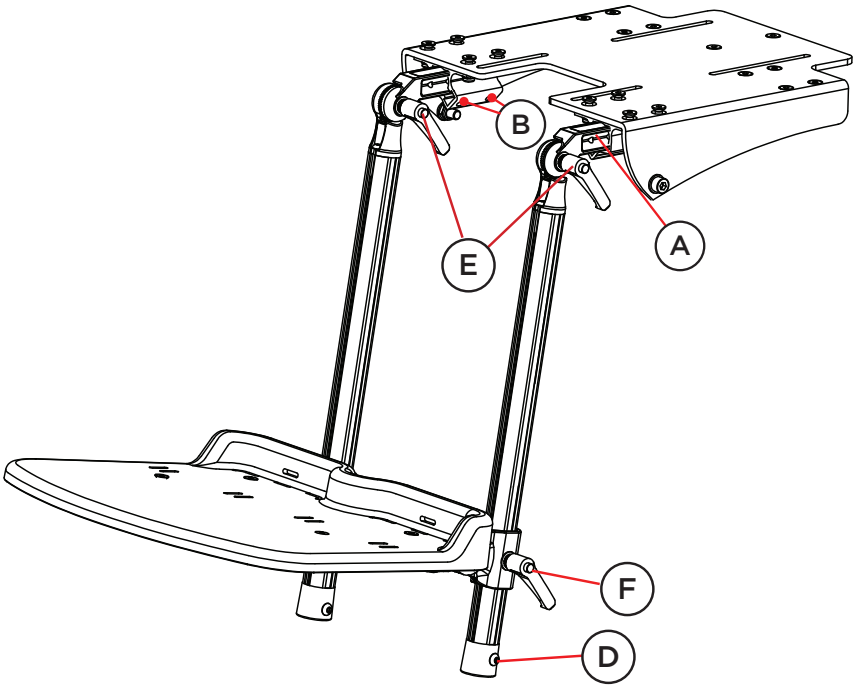
Safety stop
Safety stop (D) in the form of a rail pin is mounted in the bottom of footrest profile. The safety stop can also be used to find back to a preset height position.

> ! 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 brackets

Fixed footrest brackets (1)
To adjust the height loosen lever (A) slightly and adjust the footrest to desired height. Tighten the lever.

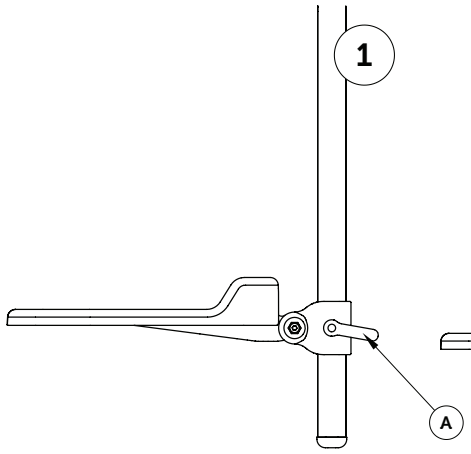
Suspended footrest adapter (2)
To adjust the height, loosen the screw (D) and possibly the screw (E) slightly and adjust to the desired height. Tighten the screw (D). Select the length of the spring path by adjusting the screw (E) to the desired position and tighten it.

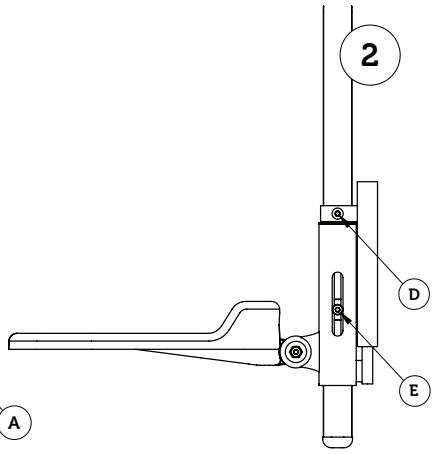
> ! The suspension resistens can be adjusted by turning the screw in the spring package (F).

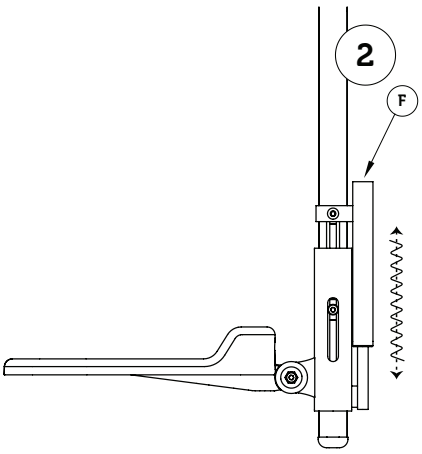
Turn-up footrest (3)
To adjust the height of the footrest, loosen the lever (A) slightly and adjust to the desired height. Tighten the lever (A). To use the folding feature, lift the footrest plate in the front.

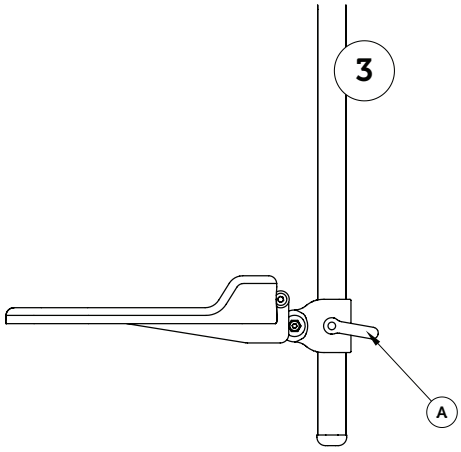
Ball joint adapter (4)
To adjust the height of the footrest, loosen the lever (A) slightly and adjust to the desired height. Tighten the lever (A).

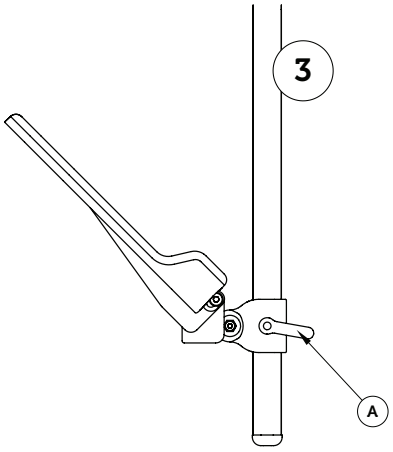
To use the ball joint function, first loosen the screws (B) and (C) and adjusts to the desired position. Tighten the screws (B) and safety lock the position with screw (C).

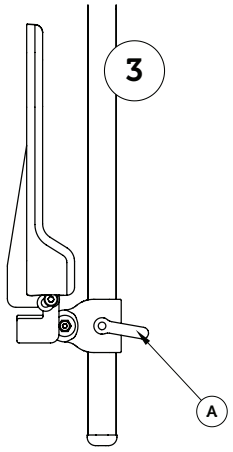

1
A

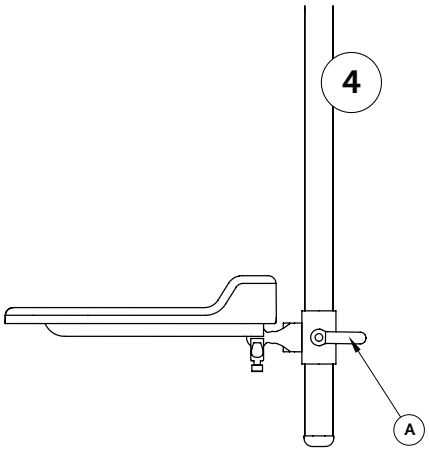

2
D
E

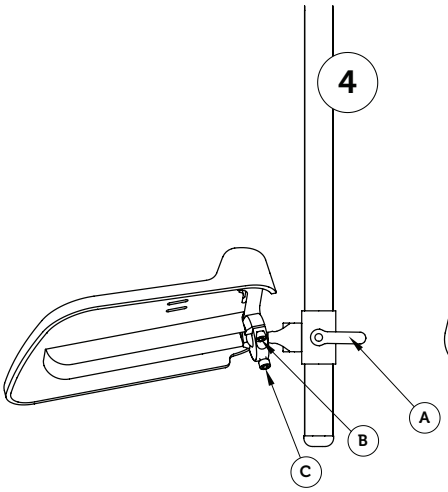

2
F

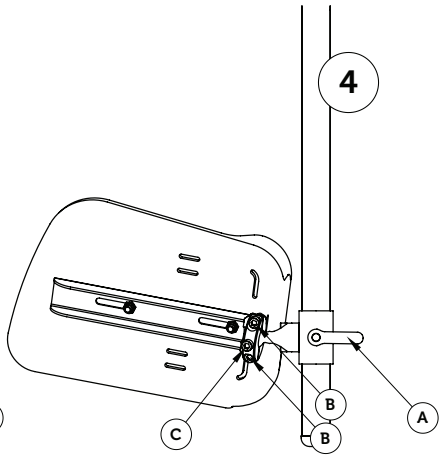

3
A


3
A


3
A


4
A


4
A
B
C

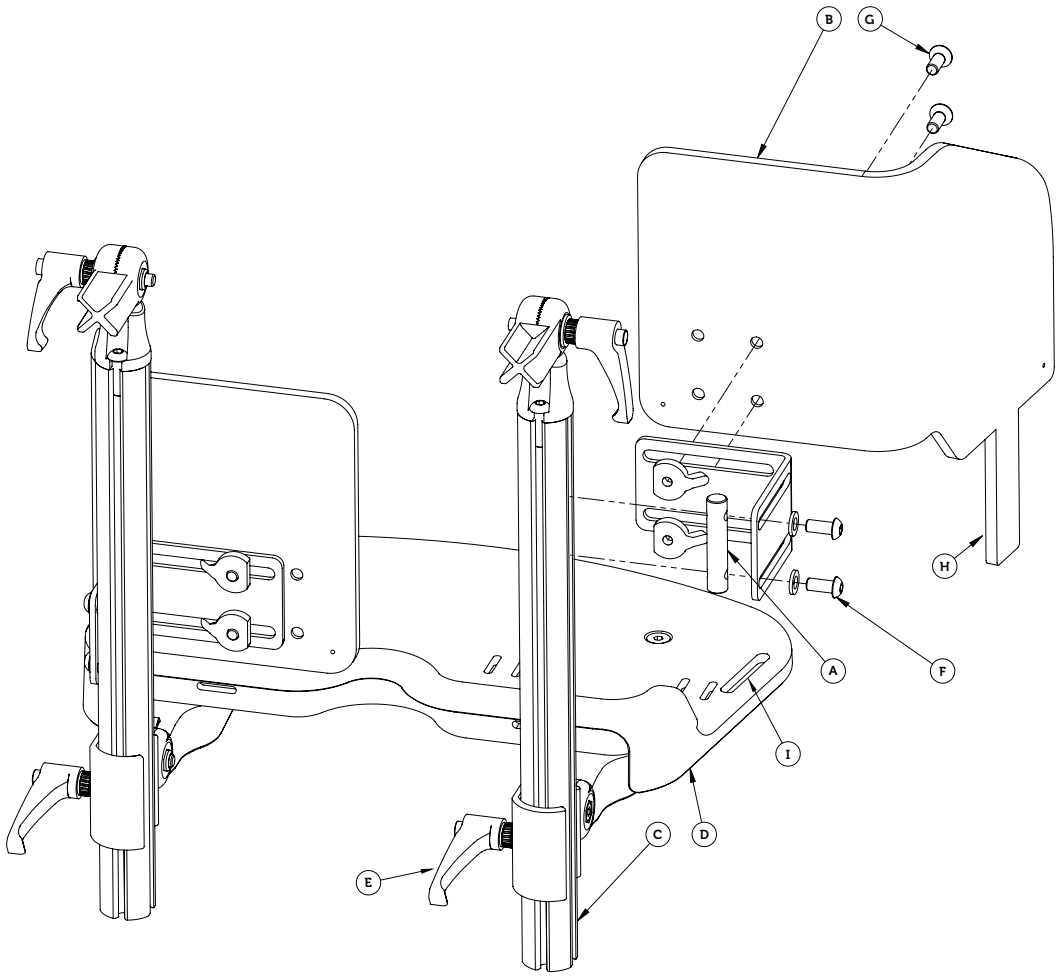

4
A
B
B
C

Footrest high-edge

Mounting of 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

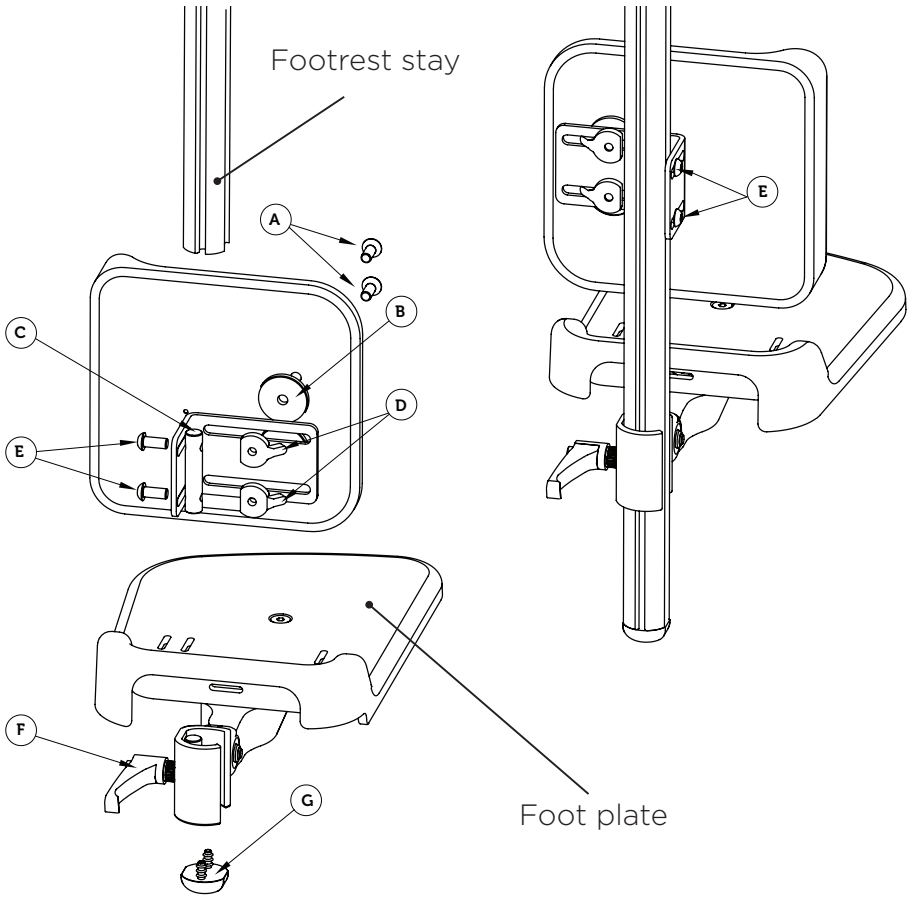
Before mounting the calf support, you must first remove any footrests from the footrest stay. Start by removing the end cap (G) and then loosen the lever handle (F) that holds the footrest in place on the footrest stay. Then drag the footrest plate and its brackets downwards.
Mount the calf support by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

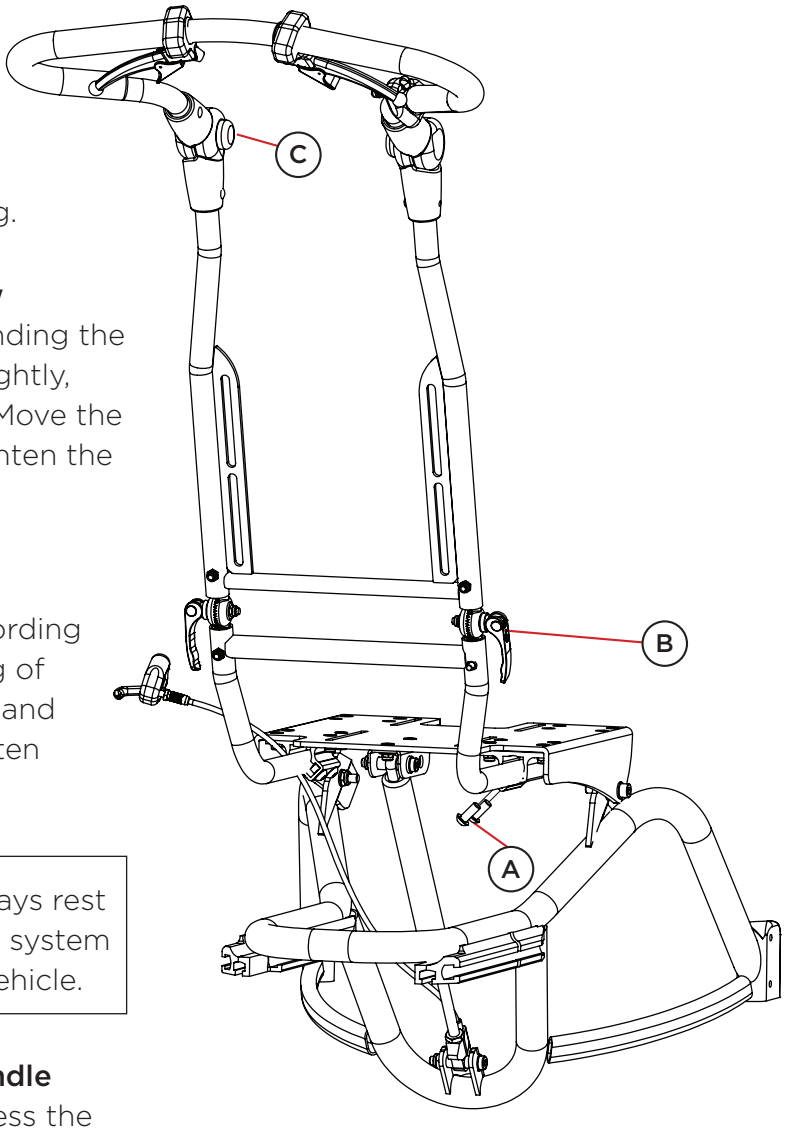


Driving bow

Mounting of driving bow
Insert the driving bow into the brackets at the rear edge under the seat part plate.
Tighten the screws (A) after mounting.

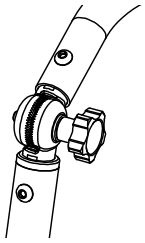
Depth adjustment of the driving bow
To deep adjust the driving bow (extending the seat depth), loosen the screws (A) slightly, under the rear part of the seat plate. Move the driving bow to the desired depth. Tighten the screws (A).

Angle adjustment of driving bow
The driving bow can be adjusted according to seating system. Release the locking of the bow by loosening both levers (B) and adjust to the desired angle. Then tighten both lever handles (B).



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

Angle adjustment of driving bow handle
To adjust the driving handle angle, press the buttons (C) (size 1 & 2) on the inside of the frame joints and then adjust to the desired angle.
For size 3 / 3 wide, the button (C) is replaced by a knob and cog joint.



Knob and cog joint on size 3/3 wide

Folding of driving bow
Losen both lever handles (B) and lower the chassis forward. Then tighten the levers (B) again.

> ⚠ Do not hang bags or heavy objects on the chassis. This, together with other factors, can cause the chassis to tip backwards.

Armrest on driving bow

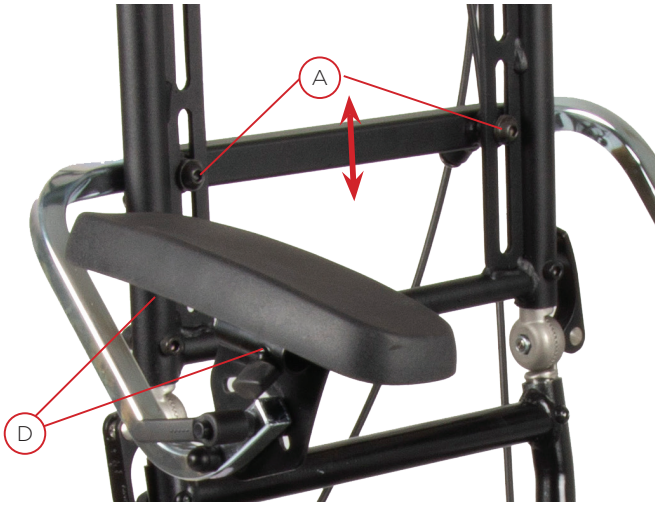
Mounting on the driving bow
Losen the screws (A) on both sides. Mount the armrest bracket towards the back of the backrest on suitable height by repositioning the screws (A) and then tighten.

Height adjustment
Losen the screws (A) and adjust to desired height. Tighten the screws.

Width adjustment
Losen the screws (B) a little and adjust to desired width. Tighten the screws.

Angle adjustment up/down
To adjust the angle of the armrest, loosen the hand lever (C) a little and adjust to desired angle.

Depth adjustment of the armrest plate
Losen the screws (D) under the armrest plate and move to desired depth using the holes below the plate.





Anti-tipper

Mounting of anti-tip protection
The anti-tip guard is mounted on the wheel axle with the supplied screws (A), washers (B), nuts (C) and nut caps (D).

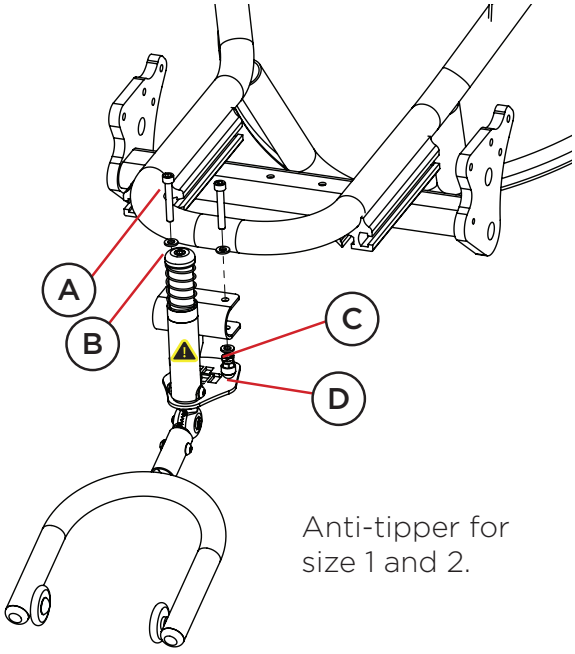
Attach screw (A) into intended hole on the anti-tipper bracket and through the wheelchair frame. Then meet up on the opposite side with washer (B), nut (C) and tighten the screws.

Then finish by putting on nut covers (D).

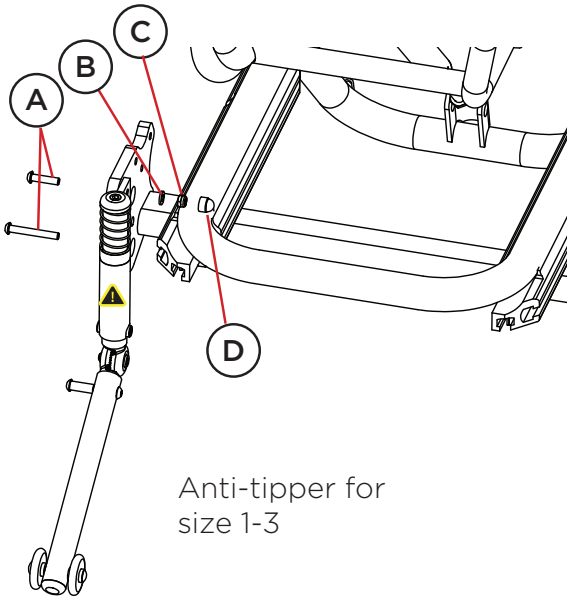
> **!** Guppy G2 shall always be equipped with anti-tippers because of its many adjustment possibilties.

Using the anti-tipper
The anti-tip should be used for a safer and secure usage of the chassis. It can easily be folded when not in use by carefully stepping down the anti-tip and turn it aside. When deactivating, try to step on the anti-tip so close to the anti-tip attachment as possible.

Make sure to turn the anti-tipper until you hear a click, which indicates that the anti-tipper is in the correct position.



Anti-tipper for size 1 and 2.



Anti-tipper for size 1-3

Stepbar

Mounting the stepbar

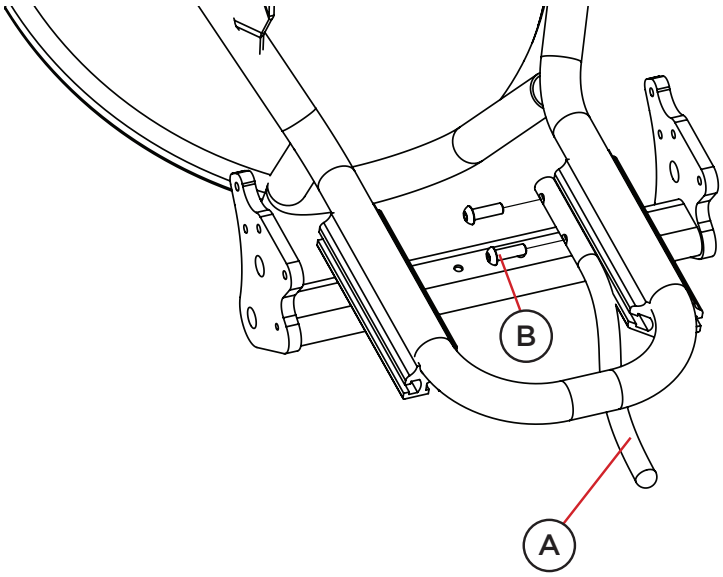
Mount the stepbar (A) on the inside of the profile at the rear of the wheelchair frame, by threading the nuts into the groove and locking its location with one of the screws (B) from the outside.

> The stepbar is mounted on the right side as standard.

Using the stepbar

The stepbar facilitate the raising of the front chassis when it is necessary (eg. at side walks). Push the stepbar with your foot while holding the driving handle and gently pull the chassis backwards to free up some space under the castors.

> When using the stepbar, it is important that you hold the driving bow or the push handle properly.



Mud flap

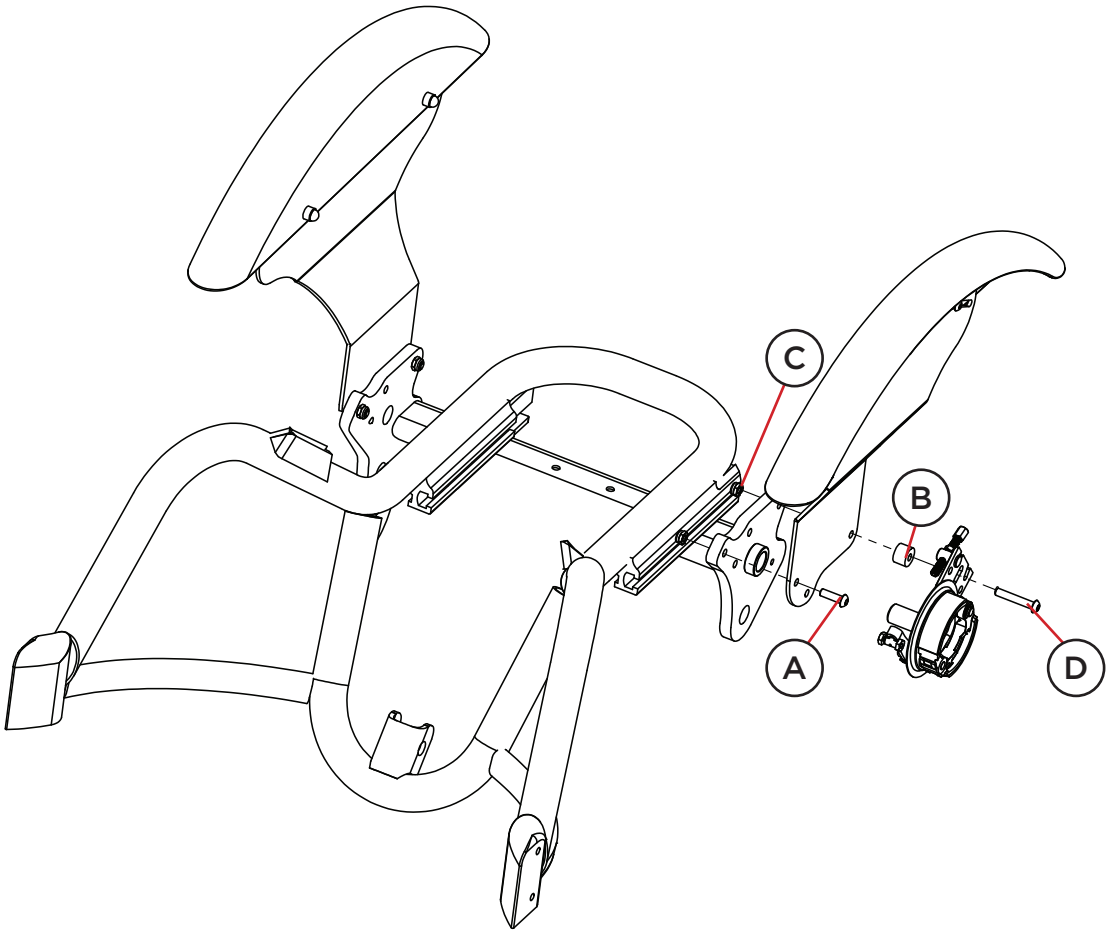
Mounting of mud flap
The mud flap is mounted using the supplied screws (A), spacers (B), and nuts (C).

To mount the mud flap, you first need to disengage the drive wheel from its drive shaft using the quick-release feature and set it aside. Loosen the screw holding the rotation lock on the drum brake and remove the spacer.

Mount the mud flap with the supplied screw. The distance at the drum brake is changed to a shorter one to make room for the mud flap plate.

Adjusting the mudguards
You can adjust the mudguars in height by loosen the screws (D). Adjust to required height and then tighten the screws (D).

> ! You just need to loosen the screws (D) slightly.

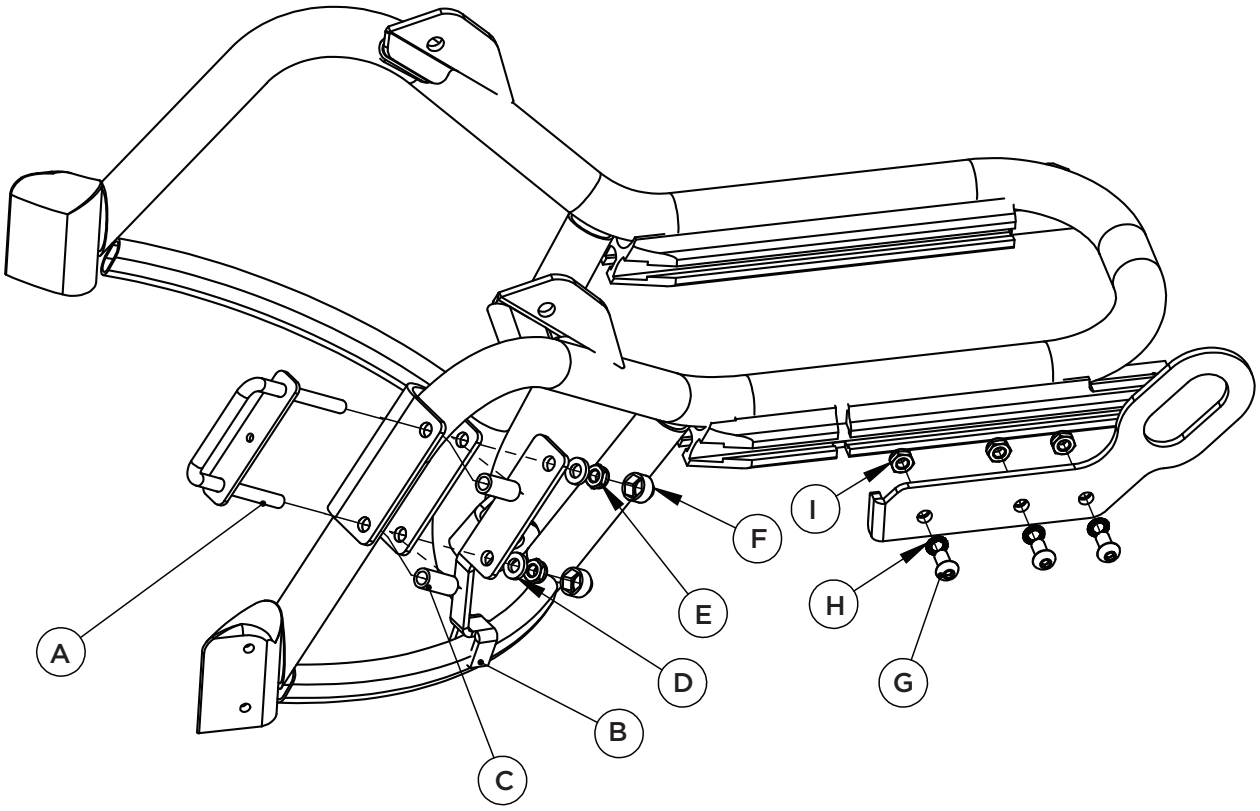


Transportation kit

Mounting of the front transportation bracket
Mount the bracket around the frame. Put the threaded bracket (A) through the bracket and latch plate (B). Note that the spacer (C) must be mounted in the bracket. Tighten the bracket with washer (D) and nut (E), and hide nut under a cover (F).

Mounting of the rear transportation bracket
The rear transport bracket is mounted on the outside of the profile at the rear of the frame using the supplied screws (G), washers (H) and nuts (I) as described in the description.

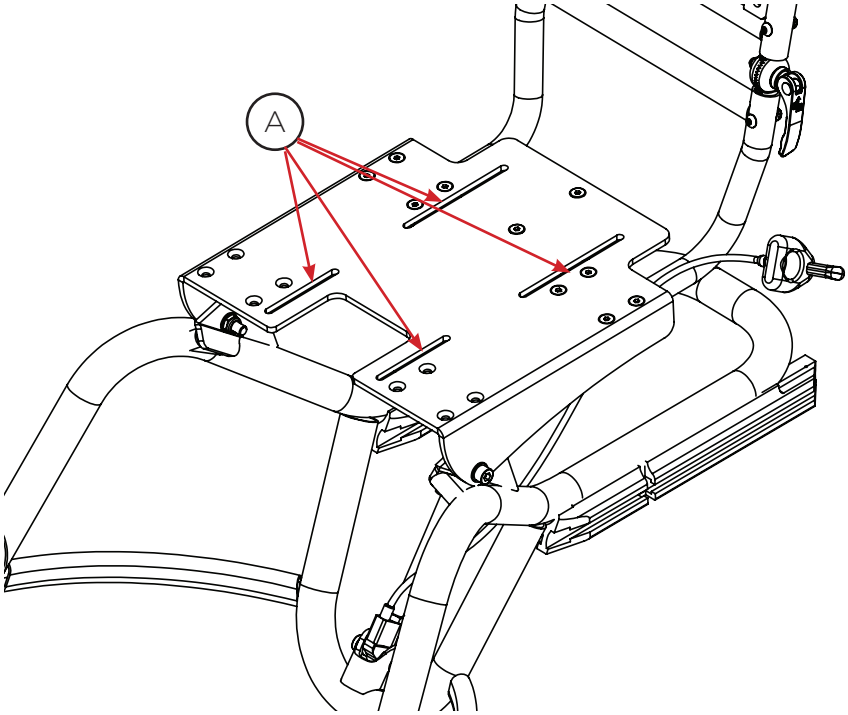
Using transportation brackets
See section ”Transportation in vehicle” for further information and recommendations on how to saftely use the transport brackets.



Seat part

Mounting the seatplate
The seat systems mounting plate is easily mounted on the chassis seat plate by use of four (4) screws, washers and nuts in marked tracks (A).

> ! For further information on mounting plates, see the respective user manuals for the chosen seating system.



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.

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

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

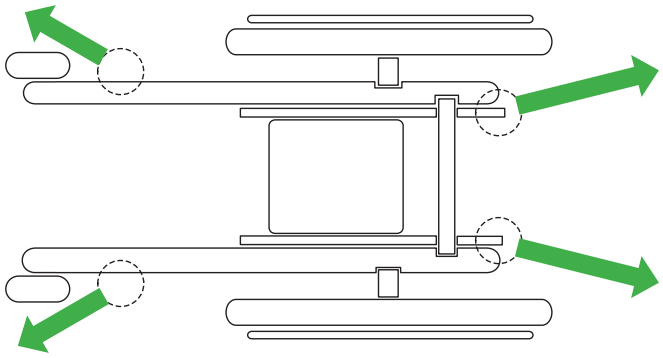
If defects are noticed, do not use the product. Contact your distributor of the aid for action.

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 transport 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.



Suggestions for tensioning the straps

⚠ 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.

⚠ Max load weights is 75 kg (for size 1+2) and 110 kg (for size 3+3 wide).

⚠ 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 fig.1.

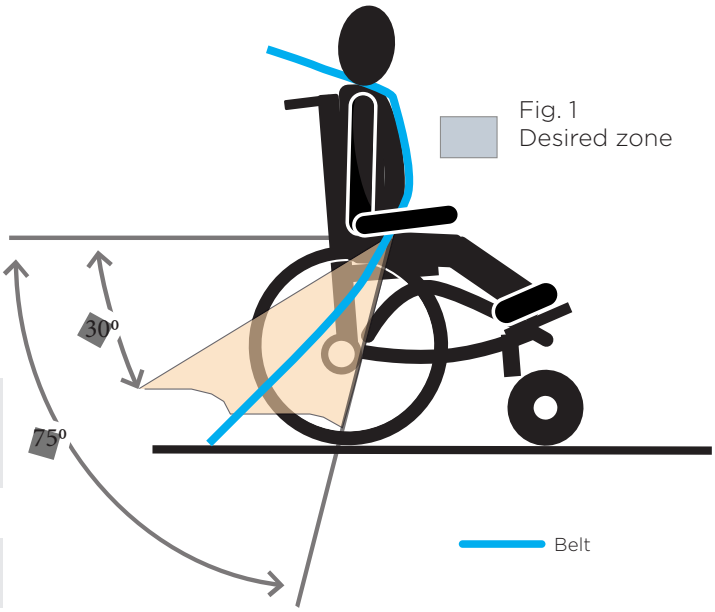


Fig. 1
Desired zone

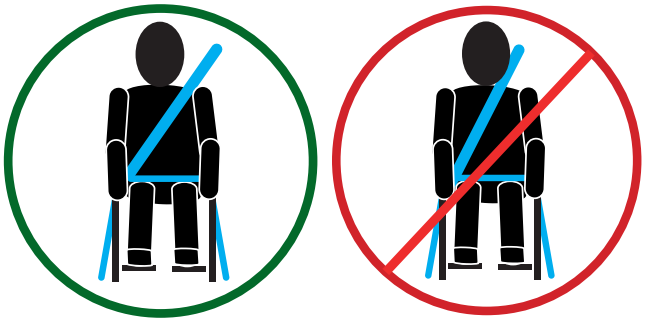
The belt should sit tight and flat against the body. Check so the parts of the wheelchair not prevent the belt from getting close to the body.

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.

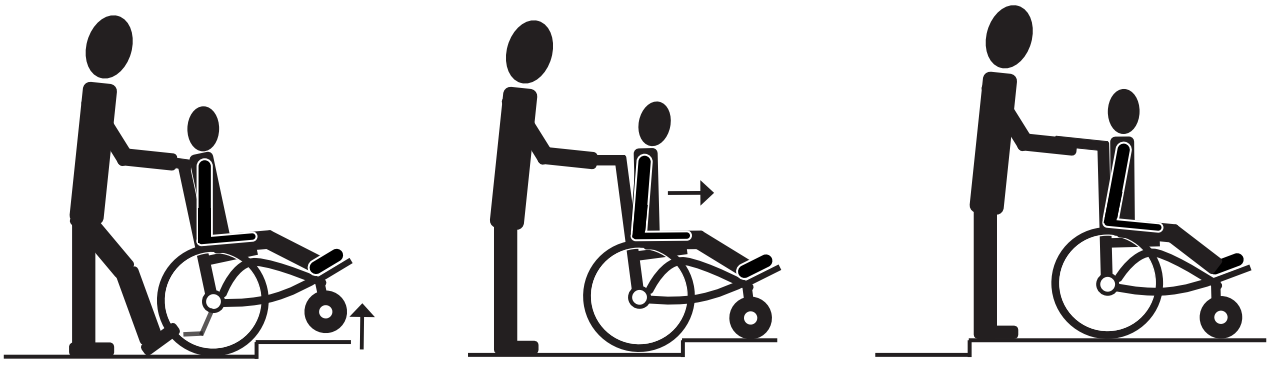
Note that the buckle on the seat belt should be placed so that the "opening button" not can come into contact with loose parts in the event of a collision.

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

Driving technique

Assistant help, up forward

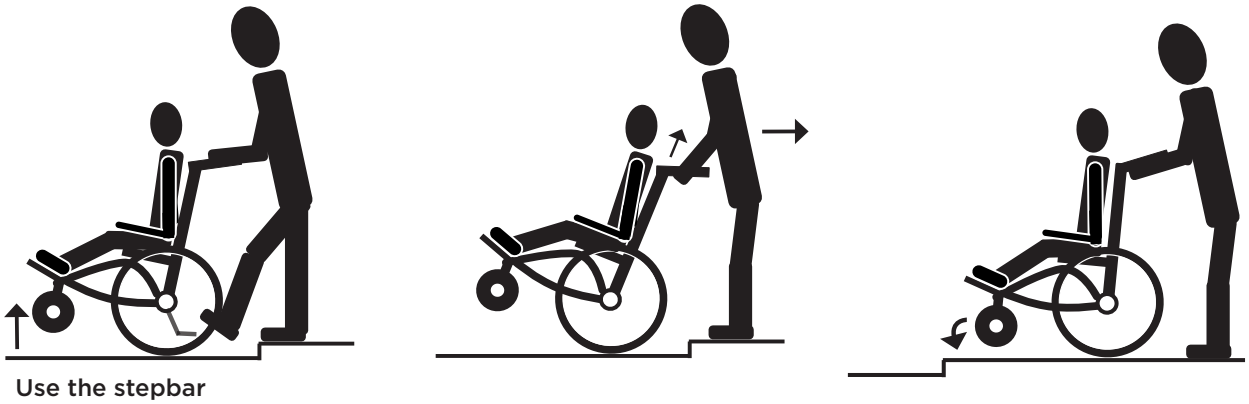
- Be sure to deactivate anti-tip devices.



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.



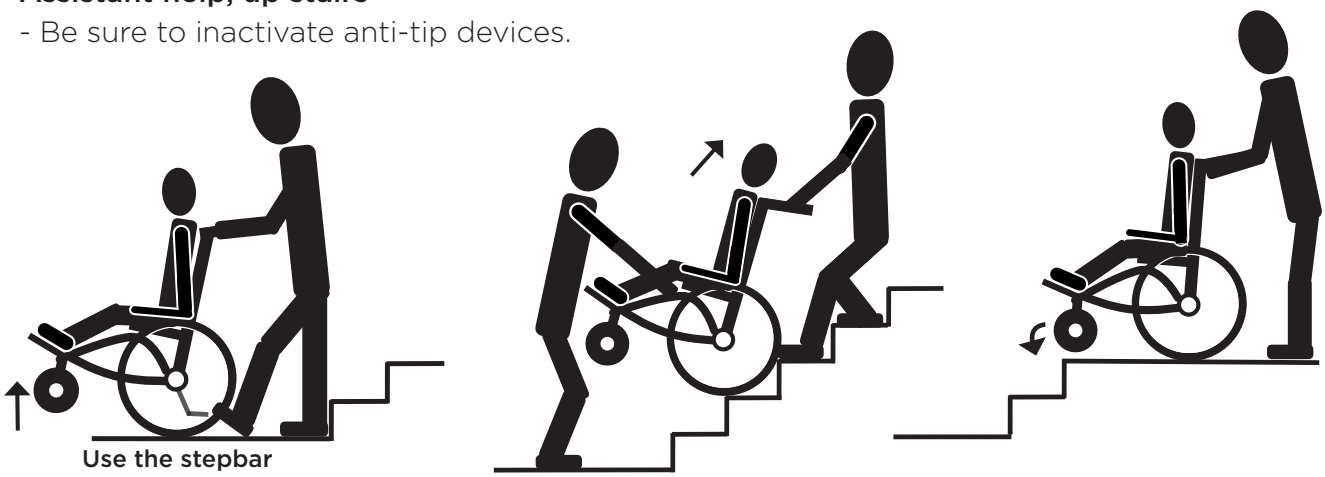
Use the stepbar

> 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

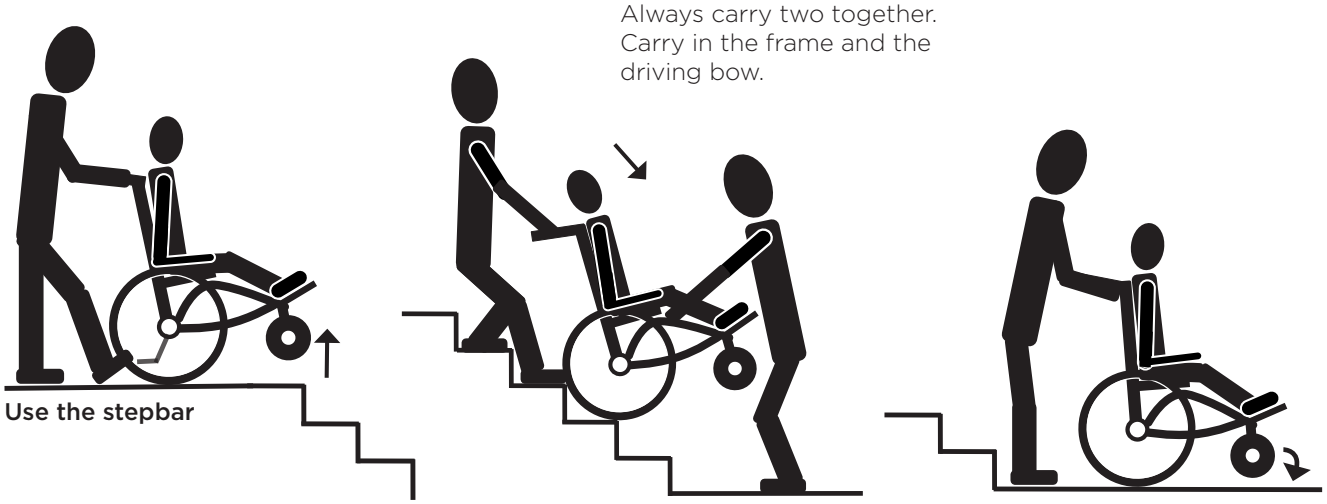
- Be sure to inactivate anti-tip devices.



Assistant help, down stairs

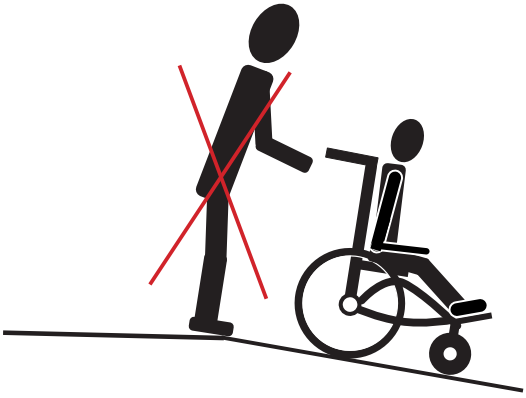
- Be sure to inactivate anti-tip devices.

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's 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.

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.

When servicing, check the following and remedy 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: 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 E-drive

- 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'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 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.

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 the gas 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.
- ☐ Check any drive rings/spoke guards for burrs and sharp edges.

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

Armrest:
- ☐ Check the height, depth and width adjustments of the armrests.

Anti-tipper:
- ☐ Check angle/rotation function.

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

Other accessories:
- ☐ Check all parts for wear, replace if necessary.
- ☐ Check if necessary. 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. 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.

Symbol list

New sticker Crash tested p. 5

Transportation in vehicle

New sticker Crash tested p. 40

Revision list

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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

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