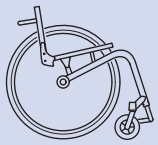
küschall® Mentor

Technical module

küschall® K-Junior



K-Junior
Changing configurations

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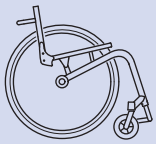


1 Adjustment possibilities

1.1 Seat width (SB)

Available seat widths: SB24 to SB36, in 2 cm steps.

The seat width cannot be modified easily once it has been set. It would be necessary to replace the seat module, backrest, rear wheel axle and footrest.

This modification is not described in the Mentor.

1.2 Seat depth (ST)

Available seat depths: ST25 to ST40 in 2.5 cm steps.

Adjusting the seat depth requires replacing the entire seat module including the seat upholstery and seat rails as well as the seat cushion.

1.3 Knee-to-heel length (UL)

The footrest must be attached in a higher or lower position to adjust the leg length. (→Chapter 2.2)

The UL can be adjusted from 30cm to 41cm. For shorter knee-to-heel lengths a high-mounted footrest must be fitted. (→Chapter 2.3)

1.4 Rear seat-to-floor height (SHh)

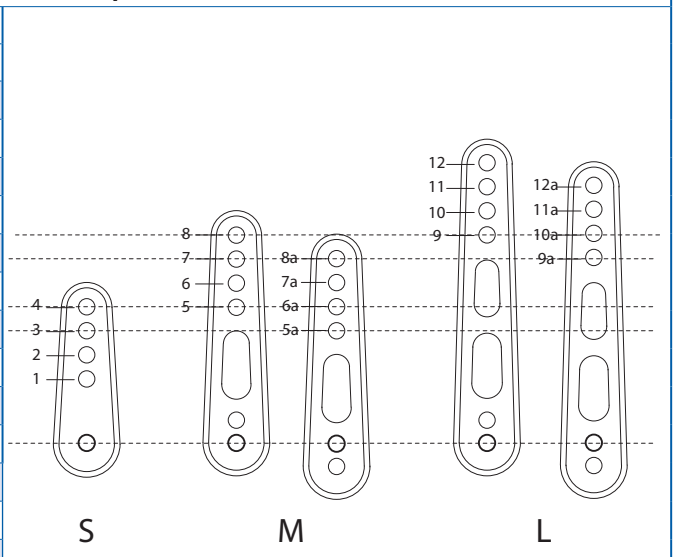
To adjust the rear seat height, change the position of the seat module on the frame (→Chapter 2.8). The vertical seat brace is available in three sizes for seat heights of 33 cm to 47 cm.

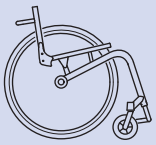
We generally recommend attaching the vertical seat brace on the lower hole to the frame.

Please note: Adjustments made to the rear seat height change the seat angle. The front seat height may need to be adjusted accordingly.

Rear seat height depending on rear wheel position and size

	20" wheel			22" wheel			24" wheel		
SHh	S	M	L	S	M	L	S	M	L
33	1								
34	2								
35	3	5a		1					
36	4	5		2					
37		6		3	5a				
38		7	9a	4	5		1		
39		8	9		6		2		
40			10		7	9a	3	5a	
41			11		8	9	4	5	
42			12			10		6	
43			12			11		7	9a
44						12		8	9
45						12			10
46									11
47									12

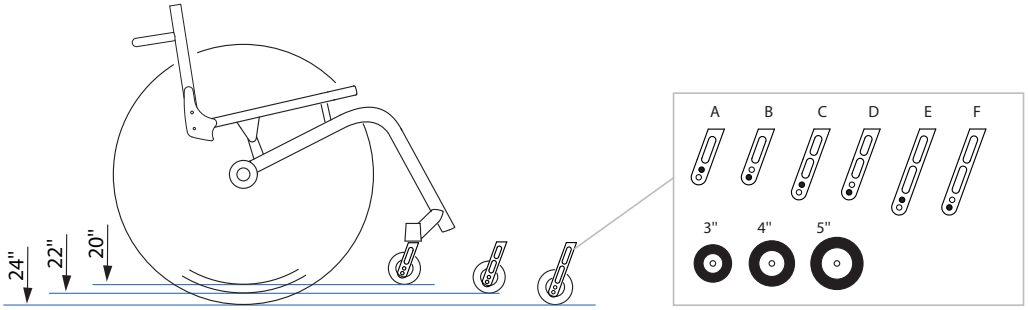




1.5 Front seat-to-floor height (SHv)

The front seat height depends on several factors that influence each other.

The dimension of the front and rear wheels determine the frame height. The position and size of the hinge bracket to the seat module as well as the frame, seat depth and rear seat height influence the front seat height.



Please note: Adjustments made to the front seat height change the seat angle. The rear seat height may need to be adjusted accordingly.

1. Frame

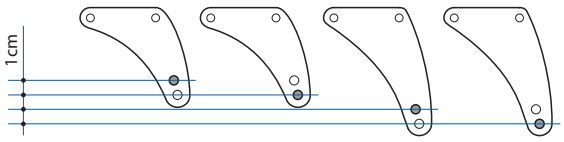
The minimum front seat height depends on the combination of front wheels and rear wheels:

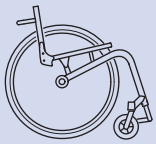
Possible combinations of front and rear wheels				
SHv min.	*Rear wheel*	3"	4"	5"
38	20“	B	A	--
40	22“	D	C	B
43	24“	F	E	D

Only choose combinations that are specified in the table above to ensure that the frame is straight and the front wheel supporters are perpendicular to the ground.

2. Seat module

Once the rear and front wheels as well as the front forks have been defined, the front seat height can be varied by adjusting the mounting position of the seat module on the frame. There are 2 sizes of front hinge brackets each with 2 fastening possibilities to choose from: (→Chapter 2.9)





1.6 Siderest / Armrest

The standard clothes guard can be complemented with an armrest.

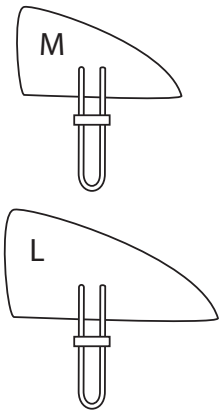
Mounting the armrest →Chapter 2.14.

1.7 Clothes-guard / Mudguard

The standard clothes-guard can be replaced by a mudguard. (→Chapter 2.12/2.13)

Clothes-guard / mudguard size

	Rear wheel		
SHh	*20"*	*22"*	*24"*
33	L	—	—
34	L	—	—
35	M	L	—
36	M	L	—
37	M	L	—
38	M	L	—
39	M	M	L
40	M	M	L
41	M	M	L
42	M	M	L
43	M	M	M
44	—	M	M
45	—	M	M
46	—	—	M
47	—	—	M

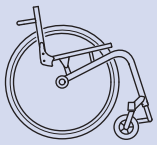


1.8 Backrest height

To adjust the backrest height, either adjust or replace the push handles or replace the backrest tubes. (→Chapter 2.18)

Backrest height depending on push handle and backrest tube

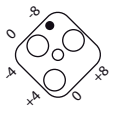
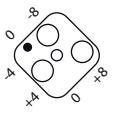
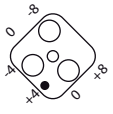
RH	No push handles		Standard push handles		Foldable push handles		Upholstery
							
27	S	S	S	S	S	S	S
28.5	S	S	S	S	S	S	S
30	S	S	S	S	S	S	S
31.5	S	S	S	S	S	S	M
33	L	S	S	S	L	S	M
34.5	L	M	L	S	L	S	M
36	L	M	L	S	L	S	M
37.5	L	M	L	S	L	S	L
39	L	M	L	S	L	M	L
40.5	L	M	L	L	L	M	L
42	L	L	L	L	L	M	L
43.5	L	L	L	L	L	M	L
45	L	L	L	L	L	M	L
46.5	L	L	L	L	L	M	L
48	L	L	L	L	L	M	L



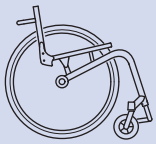
1.9 Backrest angle

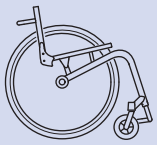
To adjust the backrest angle re-position the eccentric plate in the backrest joint. (→Chapter 2.19)

The following angles can be set (in relation to the seat):

-8°	-4°	0°	+4°	+8°
				

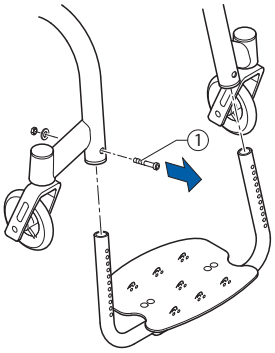
K-Junior





2 Assembly and adjustment methods

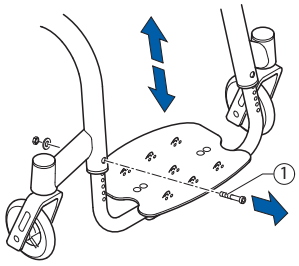
2.1 Footrest replacement



- Remove the bolts ① on both sides.
- Remove the footrest from the frame and insert the new one.
- Tighten the bolts ① securely on both sides (4 Nm).

2.2 Footrest height adjustment

The footrest height can be adjusted in 1 cm steps.



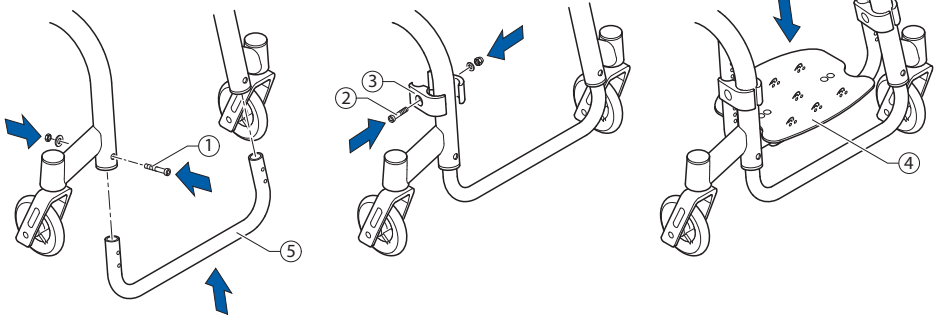
- Remove the bolts ① from both sides of footrest.
- Slide the tube into the correct position, replace the bolts ① on both sides of the footrest and tighten (4 Nm).

The footrest must be firmly attached to the frame tube.

A high-mounted footrest may be required if the knee-to-heel length cannot be achieved with the regular footrest. (→Chapter 2.3)

2.3 Footrest mounted in high position

1 **2** **3**

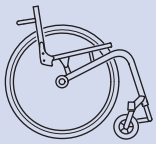


1 Slide the frame connector ⑤ for the high-mounted footplate into the frame and attach with bolt ① on both sides (7 Nm).

2 Fasten the clamp set ③ with bolt ② to both sides of the frame, tighten slightly.

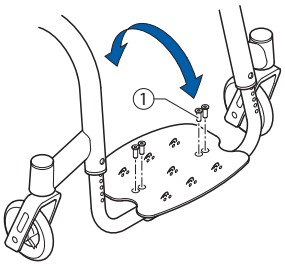
3 Slide the high-mounted footrest ④ in the clamp set to the required height.

- Tighten bolt ② (7 Nm).



2.4 Footplate angle adjustment

The footplate angle can only be adjusted if the footrest is angle adjustable. Proceed as follows:

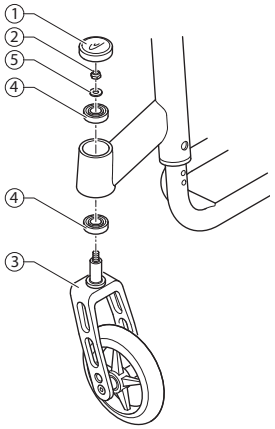


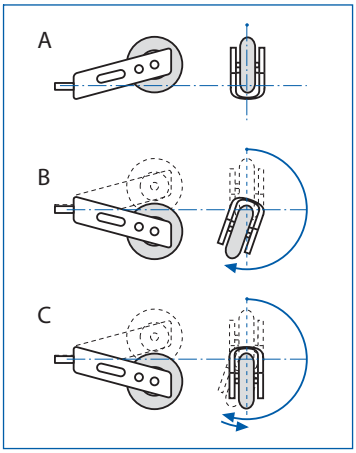
- Loosen all four bolts ① until the footplate can be moved.
- Pivot the footplate into the required position and tighten the bolts (13 Nm).

The footplate must be firmly secured to the wheelchair with no room for movement.

2.5 Front fork replacement

- Remove the bearing block cap ① by inserting two screwdrivers into the grooves and pushing it upward.
- Remove the nut ② and washer ⑤.
- Remove the front fork ③.
- Check the ball bearing blocks ④ and replace if necessary.
- Attach the new front fork with the washer ⑤ and nut ② and tighten.





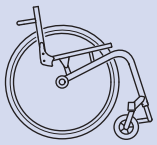
Functional check:

Tip the wheelchair 90° backwards, so that the chair is lying on the backrest and rear wheels. Turn the fork upwards (position A) and let it tip downwards.

The fork is tightened correctly when it turns slightly over the lowest point and stays there (position B).

The fork hasn't been tightened sufficiently if it turns back into the lowest position (position C). If tightened wrongly, there is a possibility for the front wheels to start fluttering at high speeds.

- Replace the bearing block cap ① again.

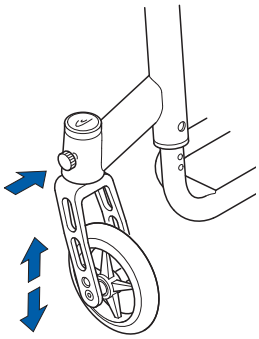


2.6 Quick release fork

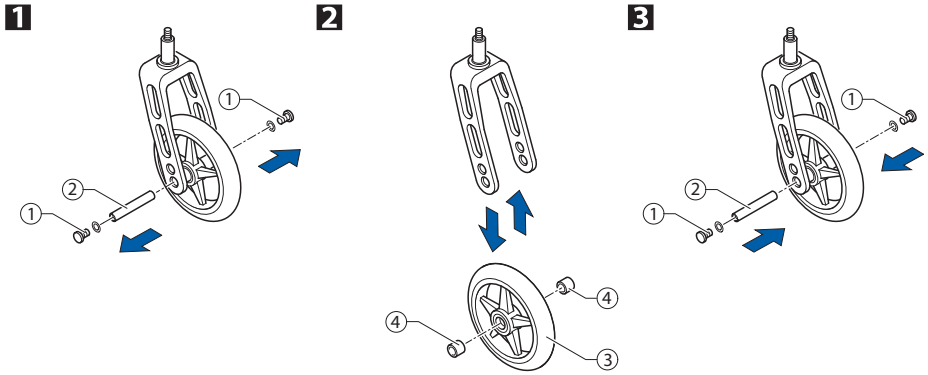
The quick-release fork can only be used with the corresponding frame. To retrofit a wheelchair with a regular fork, the frame must be exchanged. In this case, please contact your Küschall reference person.

Fork replacement

- Press the pin on the bearing block and remove the fork.
- Slide the new fork into the bearing block until the mechanism locks into place and the fork can no longer be removed.



2.7 Front wheel replacement



1 Remove the screws ① and washers and the front wheel axle ②.

2 Remove the front wheel ③.

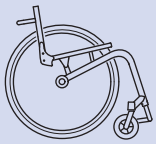
- Attach a new front wheel

or

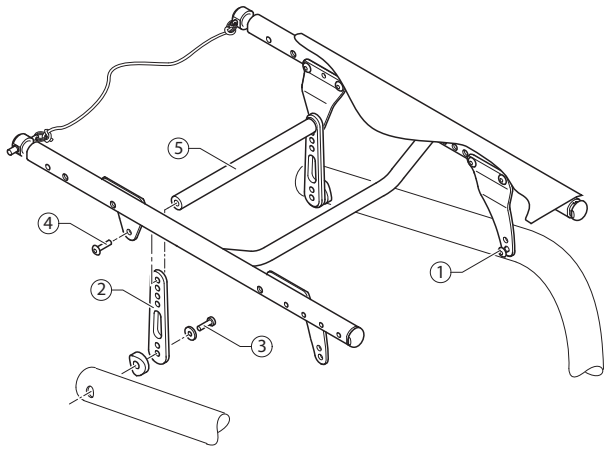
- Place the front wheel in its new position.
  (2 bushings ④ must be slid onto the axle with a Starec wheel, Skater wheel, 3" Sport wheel or 5" Softroll wheel. The bushings are already attached in the Smooth running wheel, Sports wheel and Pneumatic wheel.)

3 Guide the front wheel axle ② through the fork, the bushing ④ and the wheel ③, then replace and tighten the screws ① (4 Nm).

Functional check: The wheel must be secured firmly, but still spin easily.



2.8 Rear seat height adjustment

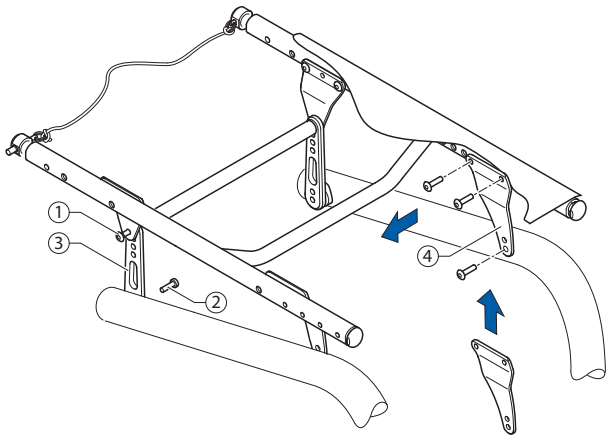


The seat angle is the difference between rear seat and front seat height.

- Remove the rear wheels and tip the wheelchair, so that it is positioned on its back.
- Loosen the front hinge bracket bolt ① on both sides of the wheelchair.
- If the seat height is adjustable with the existing vertical seat brace ②, loosen bolt ③ and remove bolt ④ and the horizontal seat brace ⑤.

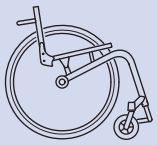
  If a new vertical seat brace is required, remove the existing one as well as the horizontal seat brace ⑤ and loosely attach the new vertical seat brace to the frame with bolt ③.
- Move the vertical seat brace along the rear hinge bracket so that the required holes correspond.
- Position the horizontal seat brace ⑤ and fix it with the bolts ④.
- Remount the rear wheels, turn the wheelchair over and verify the position of the vertical seat brace ②. It should be as perpendicular to the ground as possible.
- Tighten bolts ①(7 Nm), ③ (13 Nm) and ④(7 Nm).

2.9 Front seat height adjustment



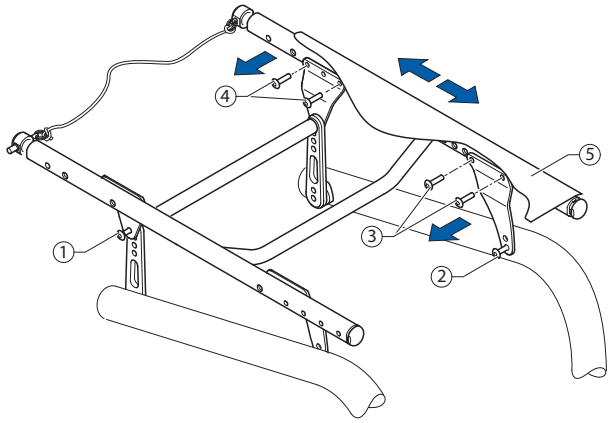
Please note: Adjustments made to the front seat height changes the seat angle. The rear seat height may need to be adjusted accordingly.

- Remove the rear wheels and position the wheelchair on its back.
- Loosen bolts ① and ② connecting the vertical seat brace ③ to the seat module and the frame respectively, on both sides of the wheelchair.
- Replace the front hinge bracket ④ or fasten it using the other hole to the front frame.
- Remount the rear wheels, turn the wheelchair over and verify the position of the vertical seat brace ③. It should be as perpendicular to the ground as possible.
- Tighten bolts ① (7 Nm) and ② (13 Nm) on the vertical seat braces.



2.10 Tipping point adjustment

The horizontal position of the seat module permits alterations of the tipping point.



- Loosen bolts ① and ②.
- Remove bolts ③ and ④ then slide the seat module ⑤ either forwards or backwards to the required position.
- Reattach the seat module with bolts ③ (7 Nm) and ④ (7 Nm) then tighten bolts ① (7 Nm) and ②(7 Nm).

By default, the front hinge brackets are attached to the middle position on the seat module. The seat module can be set in 5 positions thanks to the 3 fixation possibilities in the rear and the 5 in the front.

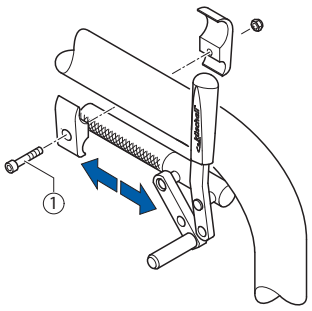
The vertical seat brace must be kept as perpendicular as possible after the adjustment.

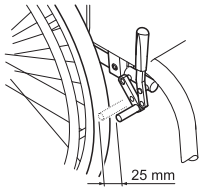
2.11 Parking brakes assembly and adjustment

The good function of the arking brakes can only be ensured if the tires are sufficiently inflated.

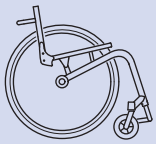
The parking brakes must be readjusted after any alterations or adjustments to the rear wheels (e.g. camber adjustment).

- Ensure sufficient air is in the tyres.
- Loosen the hexagon socket bolt ① on the brake holder.
- Move the brake to the required position.
- Tighten the hexagon socket bolt ① (13 Nm) on the brake holder again.



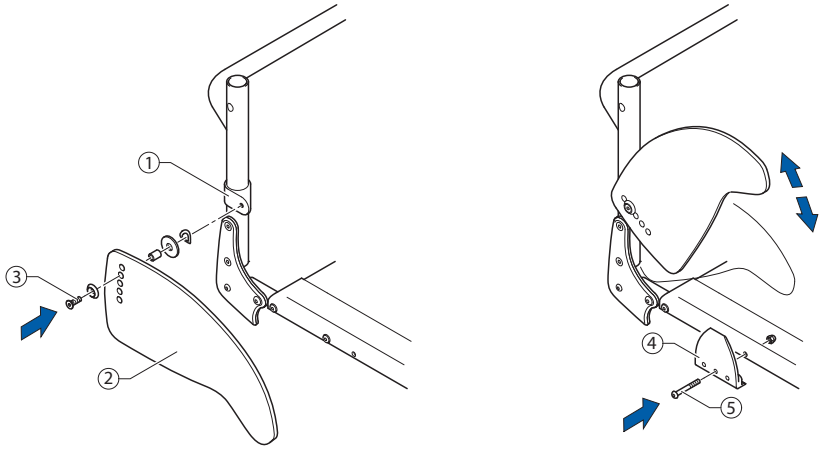


The brake is adjusted correctly if the distance between the wheel and the brake shoe is 25 mm when the brake is disengaged. With the brake engaged, the brake shoe should not sink more than 4 mm into the tyre.



2.12 Clothes guard assembly or replacement

1 **2**



The clothes guard fixation piece ① should be already fitted on the backrest tube.

■ Remove existing clothes guard by removing screw ③.

1 Align the clothes guard to the rear wheel. Locate the required position to fasten the clothes guard ② to the fixation piece ①. Remove rear wheels

■ Fasten the clothes guard ② to the fixation piece ① with screw ③(4 Nm).

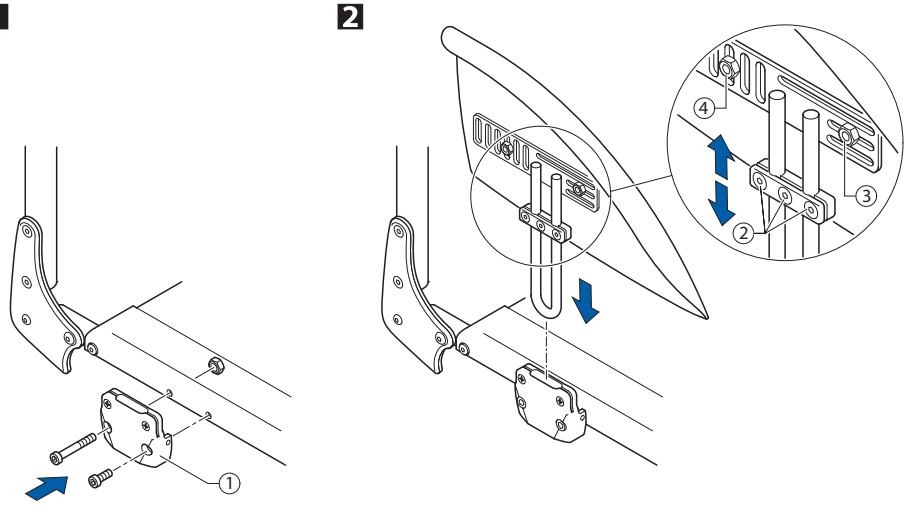
2 If the seat module fixation piece ④ needs to be replaced, remove the screw ⑤.

When unfolded, the tip of the clothes guard should be below the seat module and the upper rim should run parallel to the rear wheel.

2.13 Mudguard assembly and adjustment

If replacing a clothes guard with a mudguard, first remove the clothes guard and the bracket attached to the seat module.

1 **2**



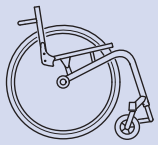
■ Remove the rear wheels.

1 Attach the bracket ① (7 Nm) to the seat module and remount the rear wheels.

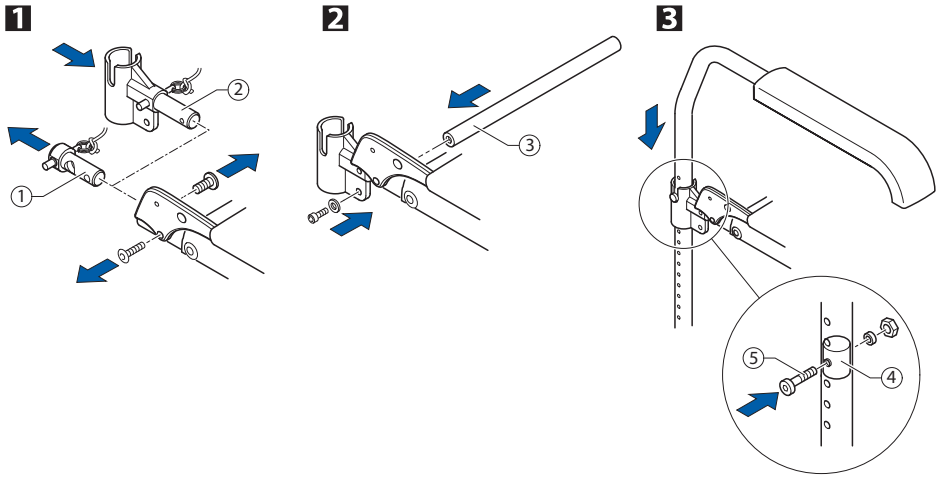
2 Slightly loosen the three screws ② on the adjustment plate and move it along the mounting bracket until the mudguard is in position.

■ The position of the mudguard can also be altered by loosening the nuts ③ (7 Nm) and ④ (7 Nm) and adjusting the mudguard as required so that it runs parallel to the rear wheel.

■ Tighten the screws ② (4 Nm).



2.14 Armrest assembly and adjustment



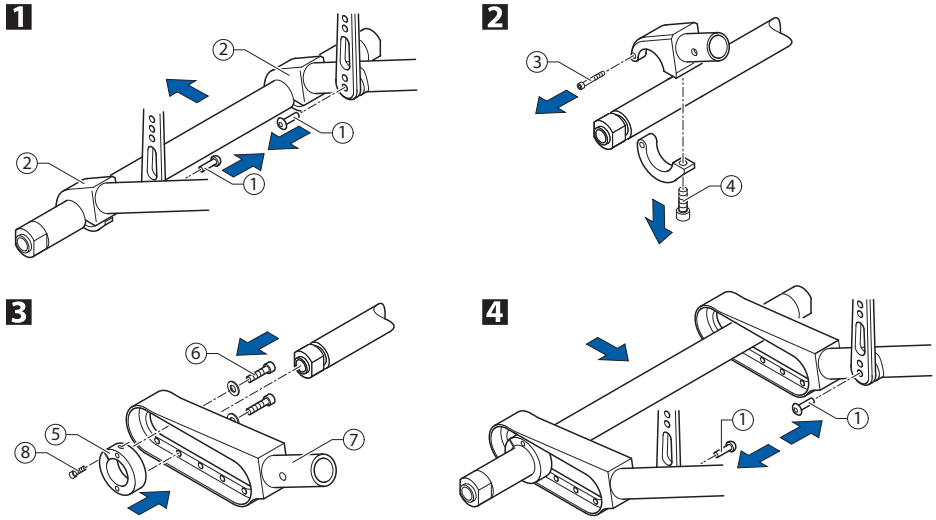
■ Fold the backrest onto the seat.

1 Remove the backrest bolt ① and replace with the armrest adapter ② on both sides.

2 Mount the connecting tube ③(7 Nm).

3 To establish the correct armrest height, position the cylinder ④ in the tube so that the bolt ⑤ (7 Nm) can be fastened in the required hole. Insert the armrest into the socket.

2.15 Rear wheel extension assembly and adjustment



1 Unscrew bolts ① from both sides and remove the axle clamps ② together with the axle.

2 Remove bolts ③ and ④ to dismantle the axle clamps.

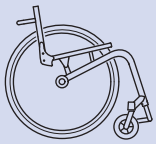
3 Attach the axle clamping rings ⑤ and screw ⑧ with bolts ⑥ to the required hole in the rear wheel extension ⑦. Do not fully tighten the bolts ⑥. Be careful to make sure that the screw ⑧, holding the 2 clamping ring halves, is accessible within the rear wheel extension. Repeat for the other side.

The correct rear wheel extension and clamping ring must be used if a Vario-Ax is being mounted.

4 Slide both rear wheel extensions onto the axle. Mount rear wheel extensions with bolts ① (13 Nm) to the wheelchair frame.

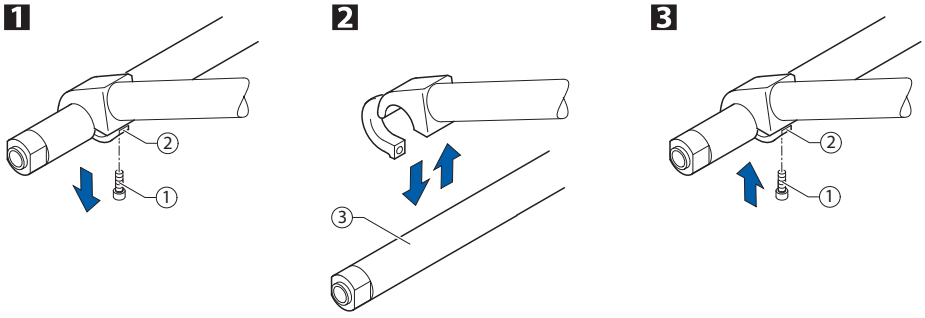
Adjust rear wheel parallelism (→chapter 2.17)

■ Tighten screw ⑧ (7 Nm) to firmly secure axle. Fully tighten bolts ⑥ (7 Nm).



2.16 Rear wheel camber adjustment

Assembly standard axle



A new axle has to be attached to adjust the rear wheel camber.

1 Remove bolts ① and fold down the lower part of the axle clamp ② on both sides.

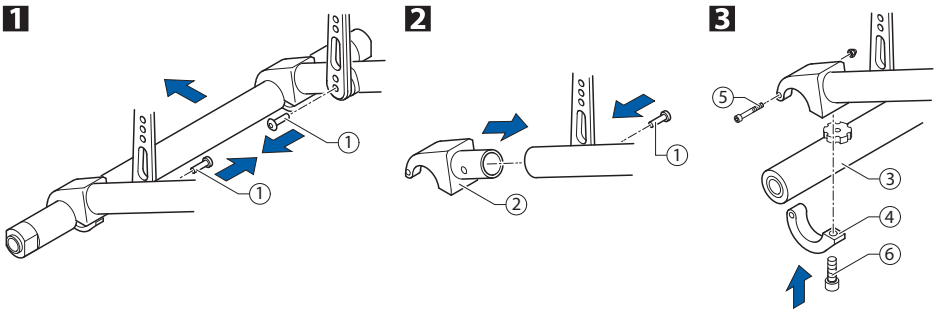
2 Replace axle ③ with a new axle with the correct camber.

3 Fold up the lower part of the axle clamp ② and insert bolt ① on both sides.

Adjust rear wheel parallelism. (→chapter 2.17)

■ Tighten bolts ① firmly (13 Nm).

Assembly Vario-Ax



1 Unscrew bolts ① and remove axle clamps together with the standard axle.

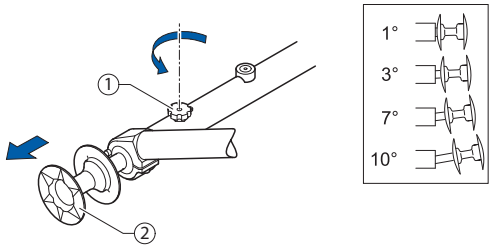
2 Mount the upper part of the Vario-Ax clamp ② with bolt ①(13 Nm).

3 Mount the lower part of the Vario-Ax clamp ④ with bolt ⑤(4 Nm). Fit the Vario-Ax ③ to the clamps and loosely tighten the bolts ⑥.

Adjust rear wheel parallelism. (→chapter 2.17)

■ Tighten bolts ⑥ firmly (13 Nm).

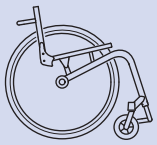
Adjusting Vario-Ax



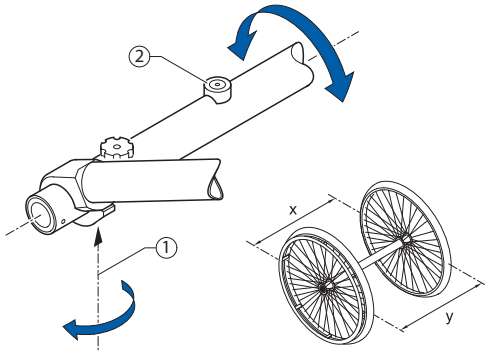
■ Loosen the blue knurled headed bolt ① on top of the Vario-Ax.

■ Pull out the wheel from the hub ② until the required camber is aligned. The following positions are possible: 1, 3, 7 and 10 degrees.

■ Slightly tighten the blue knurled headed bolt ① until a resistance is felt (do not force).



2.17 Control of rear wheel parallelism



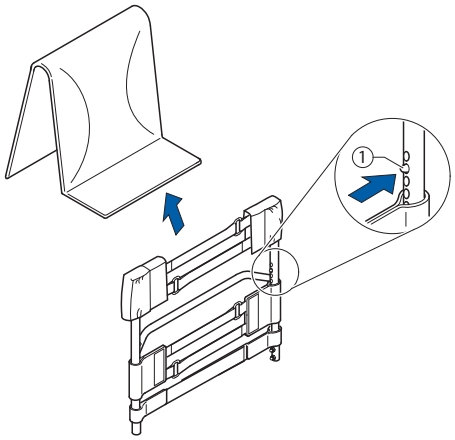
- Loosen bolts ① on both clamps. Turn the axle, using the spirit level ② to adjust it to the right position (the bubble must be centered in the spirit level). Tighten bolts ① again.

Note: This adjustment must be carried out on a perfectly horizontal surface. The track of the rear wheel is correct if (measured at height of hub) the distance between the rear wheels is the same at the front and the back (x=y).

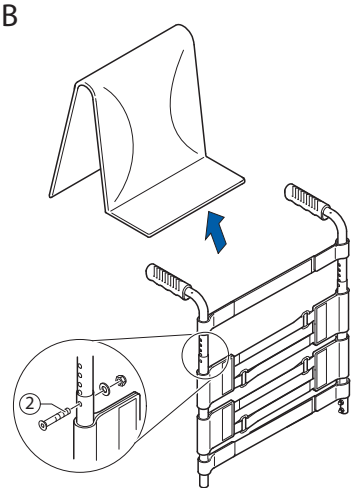
2.18 Backrest height adjustment

Adjustment of the push handles or telescopic tubes

A



B



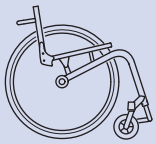
A - Without push handles

- Remove the backrest cover.
- Locate the spring clips ① inside the backrest straps then press them into the tube. Adjust the telescopic tube to the required height and let the spring clips snap into the nearest holes.
- Replace the backrest cover.

B - With push handles

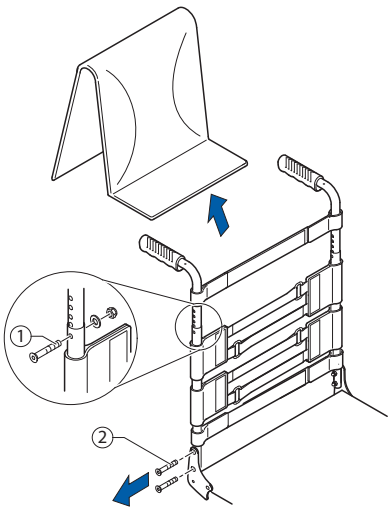
- Remove the backrest cover.
- Slide the backrest strap either up or down to locate the fixing bolt ②. Remove nut and bolt from both sides.
- Adjust the push handle to the required height then fit the bolts ② into the nearest holes and secure with the nuts (7 Nm).
- Replace the backrest cover.

If the required height is not achieved, replace either the push handle, the telescopic tube or the backrest tube.

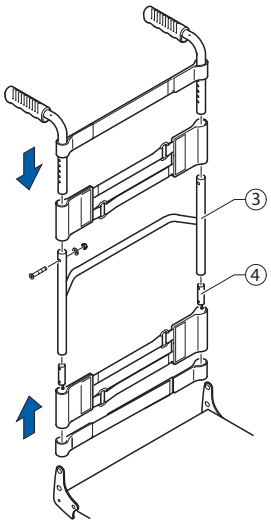


Replacement of backrest tube

1



2



1 Remove the backrest cover.

- Slide the backrest strap either up or down to locate the fixing bolt ①. Remove nut and bolt from both sides.
- Remove the push handles and the upper adjustable backrest straps.

If the wheelchair is fitted without push handles, remove the telescopic tubes and the upper adjustable backrest straps by pressing the spring clips into the tube and then pulling the tubes out of the backrest.

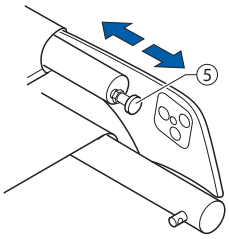
- Remove the screws ② securing the backrest tube ③ to the seat module.

2 Remove the lower adjustable backrest straps and the sleeve with the stop bolt ④ from the backrest tube ③.

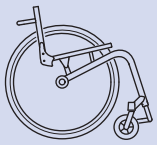
- Assemble the lower adjustable backrest straps and the sleeve with the stop bolt ④ to the new backrest tube③ then secure the backrest tube to the seat module with the screws ② (7 Nm).
- Replace the upper adjustable backrest straps and the push handles and secure with the bolts ① and nuts (7 Nm).

If the wheelchair is fitted without push handles, replace the telescopic tubes and the upper adjustable backrest straps by pressing the spring clips into the tube and then sliding the tubes to the required position until the spring clips snap into the nearest holes.

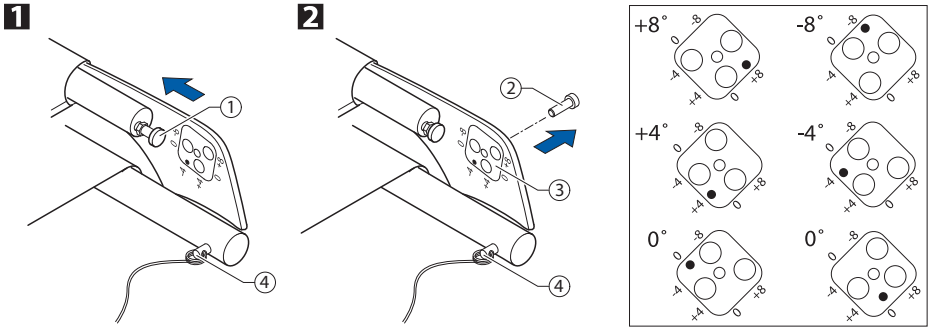
With the backrest in the upright position, check the adjustment of the backrest stop screw ⑤.
The screw heads should only slightly touch the seat module when the backrest clicks into its upright position. Adjust if necessary by loosening the lock nut and moving the stop screw either in or out as required.
Tighten the lock nuts.



- Replace the backrest cover.



2.19 Backrest angle adjustment



Verify that both eccentric plates are in the same position.

1 Fold the backrest onto the seat and loosen the lock nut of the stop bolt ①. Tighten the stop bolt completely.

2 Remove the bolt ② of the eccentric plate ③. Remove the eccentric plate and reinsert it in the required position.

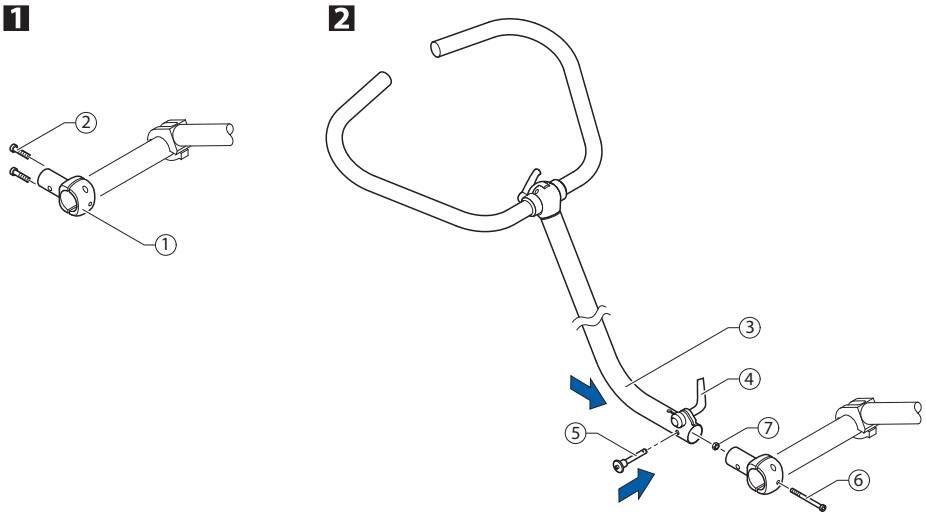
■ Replace bolt ② and tighten (4 Nm).

■ Unfold the backrest to the upright position until the spring pins ④ engage in the eccentric plate. Loosen the stop bolt ① until it slightly touches the frame and the backrest joint no longer has any free movement.

■ Tighten the lock nuts.

Functional check: Unfold the backrest. The spring pins must lock into the holes in the eccentric plate.

2.20 Buggy push handle assembly



1 Fasten the holder ① to the centre of the axle tube. Do not fully tighten the bolts ②.

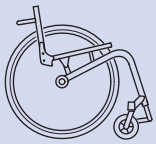
2 Remove the QuickPin ⑤, loosen the clamp ④ if necessary, then slide the buggy push handle ③ onto the holder and reinsert the QuickPin.

■ Turn the buggy push handle on the rear wheel axle to the desired position then tighten the bolts ② (13 Nm).

■ Remove the buggy push handle from the holder.

■ Drill a hole through the axle using the centre hole of the holder ① as a guide. Secure the holder to the axle with the bolt ⑥ and nut ⑦ (7 Nm).

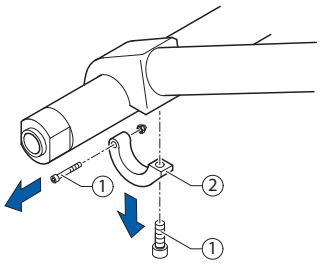
It is only possible to drill a hole through a standard axle. Do not drill al hole through a Vario-Ax.



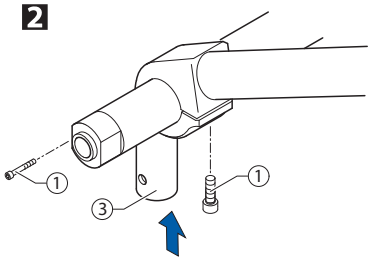
2.21 Antitipper assembly and adjustment

Without rear wheel extension

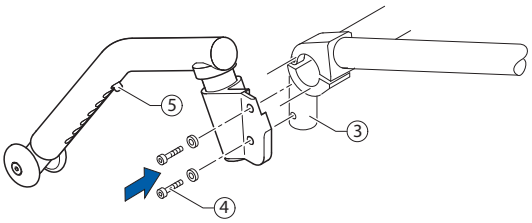
1



2



3



1 Fold down the backrest and turn the wheelchair over. Remove the axle clamp bolts ① then remove the lower part of the axle clamp ②.

2 Attach the adaptation lower clamp part ③ with the axle bolts ① (13 Nm).

Functional check: Adjust rear wheel parallelism. (→chapter 2.17)

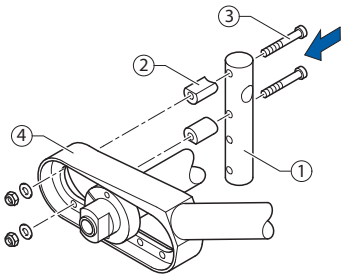
3 Fit the antitipper onto the adaptation clamp ③ with the screws ④ (13 Nm). The distance between the ground and the antitipper wheels must measure 4-6 cm. The height of the antitipper can be adjusted by pressing the spring pin ⑤ and sliding the inner part of the antitipper to the required position until the spring pin locates in the correct hole.

Function control: The antitipper should swing under the chair without difficulty.

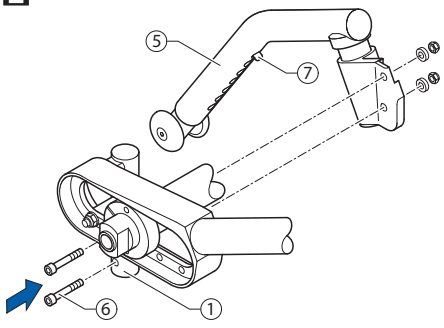
Antitipper assembly onto rear wheel extension

The adaptation holder must be attached either in the rear-most position, or between double axles.

1



2



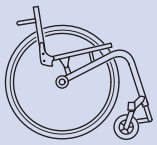
1 Fasten the adaptation holder ① with the spacer bushings ② to the rear wheel extension ④ using the bolts ③.

2 Fasten the antitipper ⑤ to the adaptation holder ① with the bolts ⑥ (13 Nm). The distance between the ground and the antitipper wheels must measure 4-6 cm. The height of the antitipper can be adjusted by pressing the spring pin ⑦ and sliding the inner part of the antitipper to the required position until the spring pin locates in the correct hole.

Antitipper height adjustment

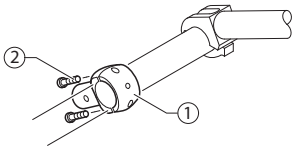
■ The height of the antitipper can be adjusted by pressing the spring pin and sliding the inner part of the antitipper to the required position until the spring pin locates in the correct hole.

Functional check: The antitipper should measure a distance of 4–6cm from the ground and swing under the chair without difficulty.

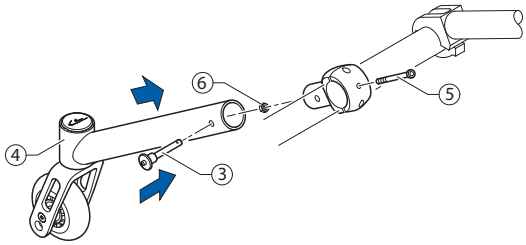


2.22 Active-Antitipper assembly and adjustment

1



2



1 Fasten the holder ① to the axle tube. Do not fully tighten the bolts ②.

2 Slide the antitipper onto the holder and insert the QuickPin ③.

■ Turn the antitipper on the rear wheel axle so that the bearing block ④ is vertical and the wheel of the antitipper is a distance of 4-6cm from the ground.

■ Tighten the bolts ② (13 Nm).

■ Remove the antitipper from the holder.

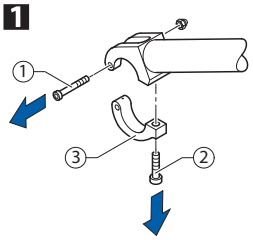
■ Drill a hole through the axle using the centre hole of the holder ① as a guide. Secure the holder to the axle with the bolt ⑤ and nut ⑥ (7 Nm).

It is only possible to drill a hole through a standard axle. Do not drill al hole through a Vario-Ax.

2.23 Transit wheels assembly and adjustment

Without Rear Wheel Extension

1



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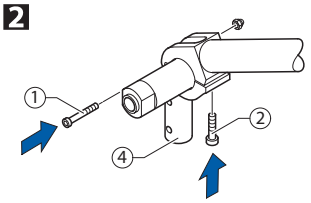
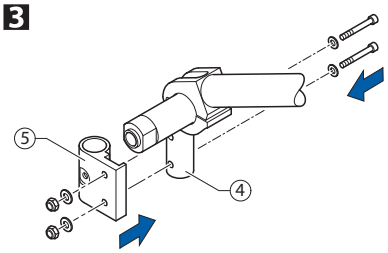
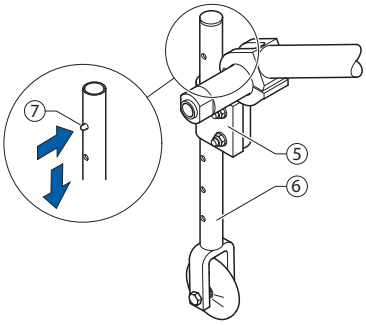


3



4



1 Remove bolts ① and ② and then remove the lower part of the axle clamp ③.

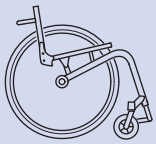
2 Attach the lower part of the adaptation support clamp ④ with bolts ① (4 Nm) and ② (13 Nm) securely.

Functional check: Adjust rear wheel parallelism. (→chapter 2.17)

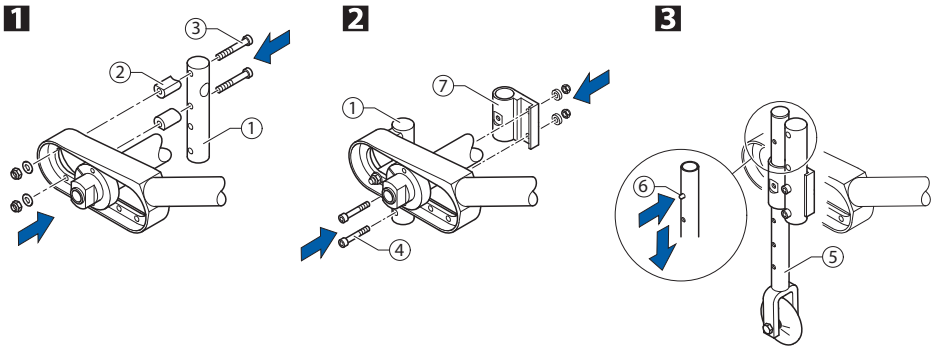
3 Fasten the adaptations support ⑤ to the adaptation support clamp ④. Repeat for the other side.

4 Slide the transit wheel tubes ⑥ into the adaptation supports ⑤ and adjust to the required height with the spring clips ⑦.

Make sure that both transit wheels are adjusted to the same height.



With Rear Wheel Extension



The adaptation holder must be placed either in the rear-most position, or between double axles.

1 Fasten the adaptation holder ① with the spacer bushings ② to the rear wheel extension using the bolts ③.

2 Attach the adaptation support ⑦ with the bolts ④ to the adaptation holder ①. Repeat for the other side.

3 Slide the transit wheel tubes ⑤ into the adaptation supports and adjust to the required height with the spring clips ⑥.

3 Identifying and repairing faults

Fault	*Possible cause*	*Remedy*
Wheelchair does not roll straight	Wrong air pressure in the rear or front wheels	Correct air pressure
	Bearing blocks are not in a vertical position [1)]	Adjust bearing blocks to vertical position
	Rear wheels do not run parallel	Correct the parallelism of the rear wheels
	Front wheels not adjusted to same height [1)]	Position front wheels so that they both touch the floor
	One or more spokes are broken	Replace defective spoke(s)
	Spokes are not equally tightened	Tighten the loose-fitting spokes
	Seat height adjustments are not identical on both sides [1)]	Check and correct all seat adjustments
	Front wheel bearings are dirty or damaged	Clean or replace bearing(s)
Wheelchair tips too easily	Rear wheels are mounted too far to the front	Shift wheels backward
	Seat angle is too large	Increase rear seat height
		Select smaller front forks / wheels
		Move front wheel supporters upwards [1)]
	Backrest angle is too large	Reduce backrest angle
Poor or asymmetric brake grip	Wrong air pressure in one or both rear wheels	Correct air pressure
	Wrong adjustment of the brake position	Adjust brake to exert correct pressure on tyre
Rolling resistance is high	Rear wheels are off track	Adjust parallelism of rear wheels
	Tension on front fork axles is too high	Loosen nut on bearing block axles slightly
	Ball bearings are defect	Check all bearings and replace defect one(s)
	Front wheel axles are restrained by dirt or hair	Clean axles
	Wrong air pressure in the rear or front wheels	Correct air pressure
	Bearing blocks are not vertical [1)]	Adjust bearing blocks to vertical position
Backrest does not fold easily	Clothes-guard fixations are too tight [2)]	Slightly loosen fixations on both sides
	Clothes-guard is not flipped in [1)]	Flip in clothes-guard
Front wheels vibrate when driving fast	Tension of front fork axle in the bearing blocks is too low	Tighten nut on bearing block axles slightly
Rear wheels are not removable	Axle holder is too tight [1)]	slightly loosen rear bolt on the axle holder [1)]

[1)] Fusion only

[2)] K-Series only