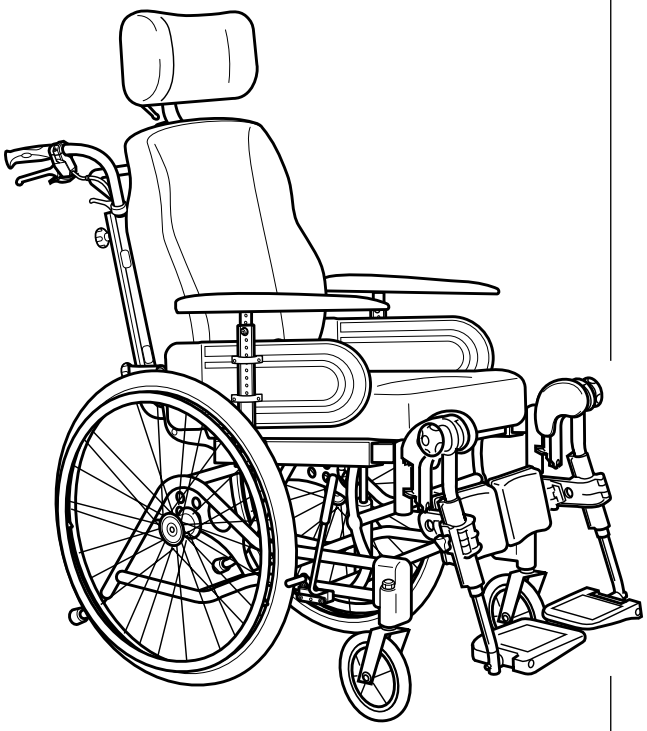
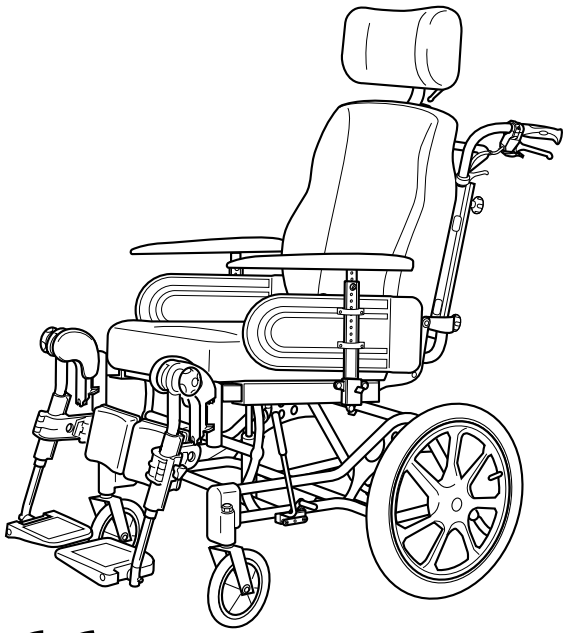
Rea® Azalea &
Rea® Azalea Assist
Manual





CE

English

Contents

Product description

Rea® Azalea

Rea® Azalea is a wheelchair with many adjustment options and accessories. To ensure that you benefit as much as possible from Rea® Azalea, and in order to do its options justice, the chair must be tested and adjusted by competent personnel. We hope that you have also received instructions for using your Rea® Azalea in everyday life.

This manual includes a description of the parts of the chair, simple adjustment options, how to use the Rea® Azalea safely and how to transport it. The manual must be read thoroughly before the chair is used.

Also included in this manual is a description of how all accessories are fitted and slightly more advanced settings.

As the Rea® Azalea has many different components and accessories, the appearance of the accessories you have for your chair may differ from those shown.

The Rea® Azalea's wheels, seat frame, legrests, push handles and certain other components subjected to strain are made of steel. Backrest rails are made of high quality aluminium.

Footplates and side supports are made of reinforced plastic. The seat plate is made of wood and the backrest plate is made of wood and the upper part of plastic. Plastic details are marked for recycling.
Seat and backrest cushions are made of polyether and the upholstery is made of washable plush or elastic polyurethane cloth.

The Rea® Azalea is a manual wheelchair with an angle-adjustable seat unit. The angle of the backrest unit can be adjusted independently of the seat. The seat and backrest controls can be operated manually by the assistant or electrically by the user or by the assistant.
The Rea® Azalea is available in three widths. The seat depth, backrest height, armrest height, armrest depth, legrest height and legrest angle of each chair can be adjusted. The height of the chair can also be altered.
The rear wheels are 24" or 22", the castors are 140 mm-200 mm.
The wheels can be pneumatic or semi-solid, with or without a carer-operated brake. 16" transport wheels, with carer-operated brake, can also be chosen.

The seat and backrest cushions are designed to provide good stability and comfort for the user as well as good pressure distribution.

NB!
This symbol means warning.

Below you will find a number of points affecting your personal safety. Read them carefully!

Invacare is only responsible for product changes carried out by personnel who we authorise. We reserve the right to make any changes to equipment and specifications without prior notice.

Failure to comply with instructions given may result in personal injury and/or product damage.

- Check each of the following before using the wheelchair:
  - that all parts are attached securely to the frame
  - that all wheels, knobs, scews and nuts are properly tightened
  - that all brakes and anti-tip devices function correctly
- Never lift the wheelchair by the detachable armrests, footrests, backbrace or by the adjustable push handles.
- Always apply the brake before getting into or out of the chair.
- Never stand on the footplates when getting into or out of the chair, because of the risk of tipping.
- Changing the seat angle gives an increased risk of tipping over.
- The handrims may become hot due to friction, which may cause injury to your hands.
- Use extensively the anti-tip device
- Remember that the effectiveness of the carer-operated brake is reduced in wet and slippery conditions, as well as when on a slope.
- Be careful to ensure that the rearwheels are securely attached.
- There is a risk of tipping and injury if the velcro straps on the backrest become too slack. Always check the tension.
- Surfaces of the wheelchair like frame parts or upholstery can, after long exposure to the sun, reach temperatures over 41°C.
- When mounting accessories etc. be careful not to trap your fingers.
- There is always an increased risk of trapping parts of your body when tilting the wheelchair's back and seat.
- The width of the seat should never be adjusted so much so that the inside of the armrests press against the side of the pelvis.

Intended use

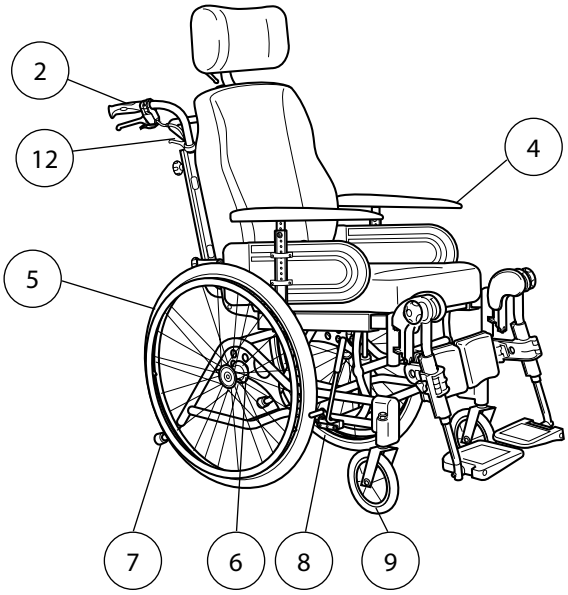
- The Rea® Azalea is a manual wheelchair, intended for users who can propel the chair to a certain extent and operate the angle adjustment themselves, and who remain seated for long periods. Rea® Azalea's comfort and stability, as well as the option of adjusting the angle of the seat unit and backrest, comprise an ideal combination for activity and comfortable rest.
- Regarding both operation and adjustment of seating position, the Rea® Azalea is intended for operation by the user or carer. However, the user must be fully aware of the effects of changes made.
- The Rea® Azalea must be used with its seat and backrest pads.
- Max. user weight is 135 kg
- The service life of the chair depends on its application, the user's degree of activity as well as care and maintenance.

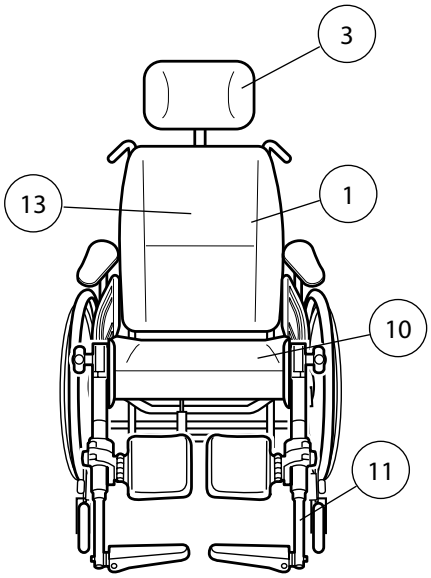
Daily performance check

Check that the following parts are still currently assembled on the wheelchair:

- Wheels
- Backrest
- Anti-tip device
- Push handles
- Footrests

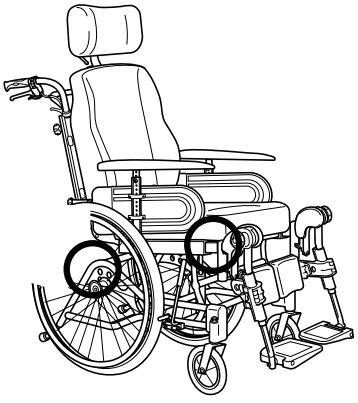
Parts of the wheelchair





1. Backrest
2. Push handle
3. Neckrest
4. Armrest
5. Rear wheel
6. Rear wheel plate
7. Anti-tip device and step tube
8. Brake
9. Castor
10. Seat
11. Legrest
12. Handle for backrest angle and seat tilt adjustment
13. Allen key for adjustments (on back of backrest cushion)

Always lift the wheelchair by gripping the frame at the points shown in the diagram. Never lift the wheelchair by the removable armrests or the foot-rests. Ensure that the backrest and push bar are securely in place. Also read the chapter Safety instructions/propelling techniques.



Standard equipment

Seat width	**39-45/44-50/49-55** cm (**39-49/44-54/49-59** cm transit version)
Seat depth	43-55 cm
Backrest height	62,5 + 20 cm without seat cushion

Upholstery and frame colours

Upholstery	Grey Plush, TR32 Grey Dartex, TR23
Frame colours	Pearl Grey

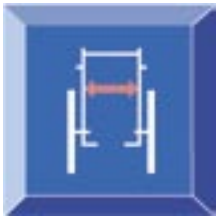
Accessories

Rea® Azalea has a wide range of accessories and options. Some of the accessories may not be available in all countries.

Backrest type	Backrest plate Backrest tension adjustable
Backrest cushion	Laguna (lateral support) Mistral 2 (waist support) Passad 2 (shoulder support) Shoulder High 05 Vicair Multifunctional
Backrest cover	Cover Thin, 04 Cover, Lateral 05
Seat	Standard
Seat cushions	Tromb (positioning support) Bris (preventive) Vicair Multifunctional Flo-shape
Seat and backrest recline	Carer- operated Electrically operated by carer/user adjustment
Legrests	Angle adjustable Fixed 80°, 90° Legrest amputee
Footrests	Fixed footplate Angle and depth adjustable Foot plate extender Heel strap
Armrests	Height adjustable armrest Hemiplegic Autolock armrest
Castors	140–200 mm, pneumatic or solid, wide or narrow

Rear wheels	16", 22", 24", pneumatic or puncture-proof
Brakes	User brake Hand operated assistant brake
Others	Reflector Kit Table Tray Pump Cane holder Headrest Headrest with cheek support Neckrest Push bar Push handles braced Pelvic Belt Trunk support

Technical data – Rea Azalea (Rea Azalea Assist)



39-45/44-50/49-55 cm
(39-49/44-54/49-59 cm)

43–55 cm

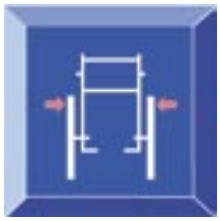
40/45/50 cm

50-80 cm
(without seat cushion)

24-36 cm

33–50 cm

-1°– 20°
(-1°– 25°)



Seat width + 22 cm
(Seat width + 23 cm)

90-130 cm

95-107 cm

28 kg
(seat width 39)

max 135 kg

Transport weight
16,5 kg in std config
18,7 kg w. Tall-kit

0°– 30°

Crashtested*

*Our wheelchairs comply with ISO norm 7176-19 and have been tested in a basic configuration. The use in other configurations has not been tested. See section "Test report from dynamic safety restraint test", for test configuration. Wheelchair users should however transfer to the vehicle seat and use the vehicle installed restraint system whenever it is feasible.

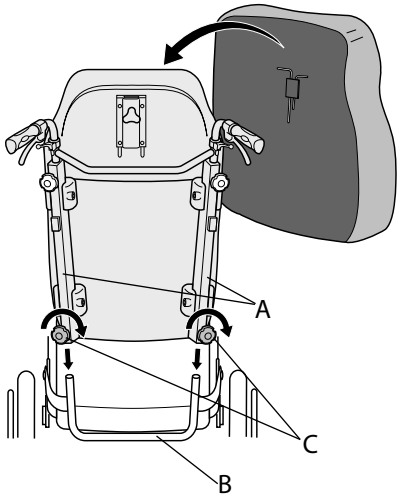
Delivery check

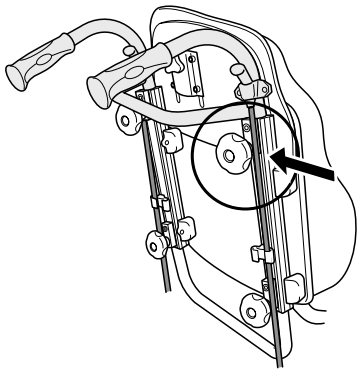
Any transport damage must be reported immediately to the transport company. Remember to keep the packaging until the transport company has checked the goods and a settlement has been reached.

Assembly

When you receive your wheelchair, you must fit the backrest, armrests and legrests onto the chair. The assembly is simple and does not require any tools.

1.



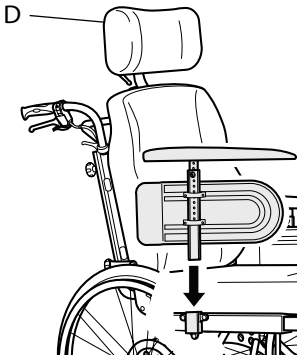


1. Backrest
The backrest is fitted onto the wheelchair by sliding the profiles (A) of the backrest onto the tubes of the chair (B). **Ensure that you push the backrest down as far as possible.** Secure into place by tightening the knobs (C).
Secure the backrest cushion using the Velcro strips.

⚠ Now check that the backrest is secured firmly in position!

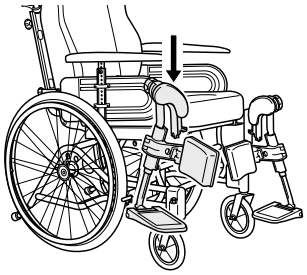
⚠ When fitting the push bar/push handles be aware to place the wires outside the handwheels. Otherwise the wires can be damaged.

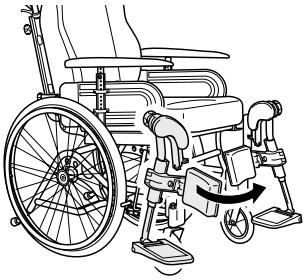
2.



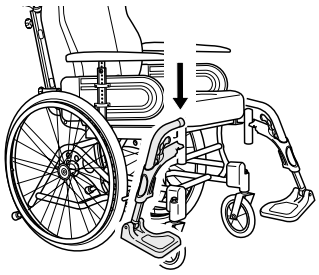
2. Armrests
Attach the armrests by feeding them into the attachment (D) at the sides of the wheelchair. Push them downwards until you can feel that the armrests are securely in place.

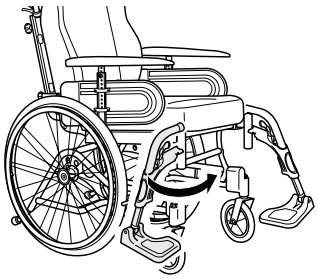
3a.



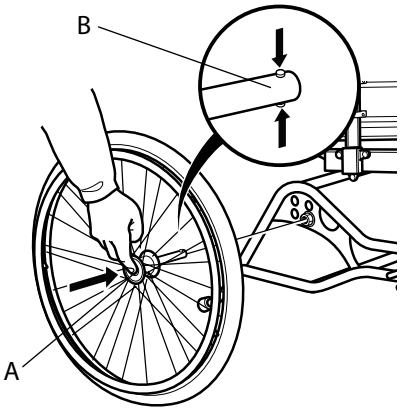


3b.





4.



Legrests/footrests
The wheelchair can be equipped with either angle adjustable legrests or fixed footrests.

3a Legrests angle adjustable
Attach the legrests by pushing the tube at the upper part of the legrests down into the tubes on the wheelchair. You must angle the legrests outwards when inserting them.

Lock the legrests by turning them inwards. The legrests are automatically locked so there is no risk of them coming off the wheelchair.

3b Legrests fixed
Attach the footrests by pushing the tube at the upper part of the footrests down into the tubes on the wheelchair. You must angle the footrests outwards when inserting them.

Lock the legrests by turning them inwards. The legrests are automatically locked so there is no risk of them coming off the wheelchair.

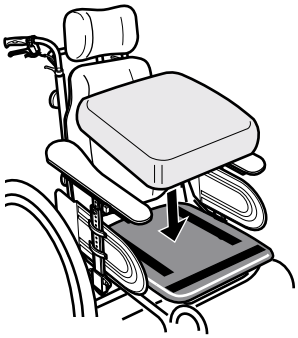
4. Rear wheels
Attach the rear wheels by pressing button (A) in the centre of the hub whilst simultaneously sliding the axle (B) into the rear wheel position attachment of the positioning plate.

It is very important that you check that the locking pin has actually locked the wheel into position when the centre button has been released. Take hold of the wheels and try to detach them. This should NOT be possible.

Adjustments

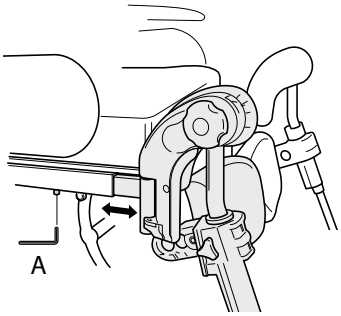
SEAT

1.



1. The seat cushion is secured with Velcro strips on the seat plate.

2.

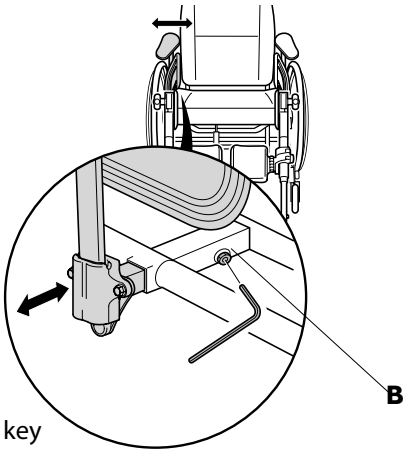


2. Seat depth

You can adjust the depth of the seat by removing the seat cushion and loosening the screws (A) with an Allen key, moving the front edge of the seat forwards or backwards, and then re-tightening the screws. The distance between the hollow of the knee/calf and the cushion is to be as short as possible, but without contact. Place the seat cushion again.

3.

a.



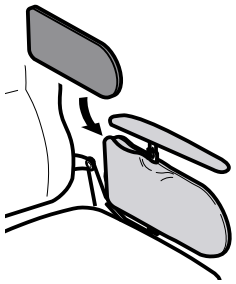
Tool: 5 mm Allen key

3. Seat width

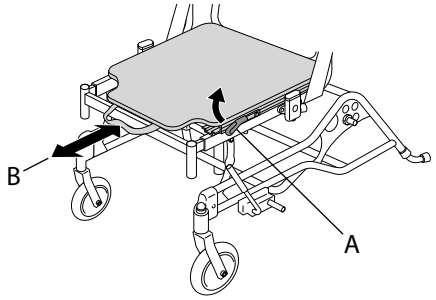
You can adjust the width of the seat by loosing the screw (B) with an Allek key. Adjust the armrests to the desired width and retighten the screw.

The seat width can be decreased with 2*20 mm by placing cushions inside the aremrest pocket.

b.



SLIDING SEAT (ACCESSORY)



The sliding seat is a great help to the user when moving into or out of the chair. The user must sit in the chair when the seat is moved forwards. Pull the lever (A) upwards at the same time as you pull the handle (B) and move the seat forwards.

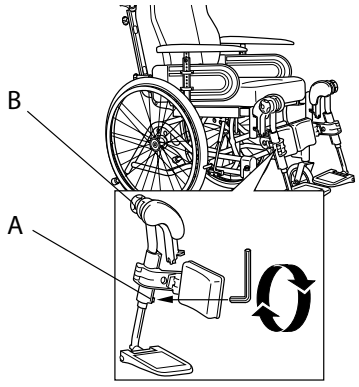
Remember that the sliding seat increases the seat height by about 3,5 cm. Please observe that the sliding seat is not compatible with the Tall-kit for long users.

When you adjust the seat only use the handle.

The tip risk increases when the seat is slided

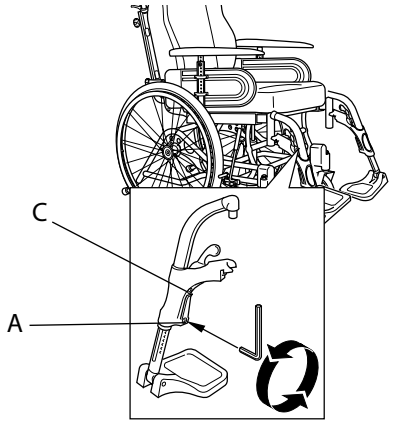
LEGRESTS/FOOTRESTS

1–2.



Tool: 5 mm Allen key

3.



Tool: 5 mm Allen key

It is important to adjust the legrests, footrests, footplates and calf pads to obtain a good seating position.

1. **Legrests height adjustment**
   Adjust the height of the legrests by loosening the screw (A) one turn with an Allen key. Pull the legrest until you have obtained the correct height and the screw is caught by one of the recesses on the legrest tube. Then retighten screw.

2. **Legrests angle adjustment**
   The angle of the legrest is adjusted using the handwheel (B).
   Loosen the handwheel approx. one turn. The angle can be set in intervals from 80° to 0°. Retighten the handwheel when the correct angle is obtained.

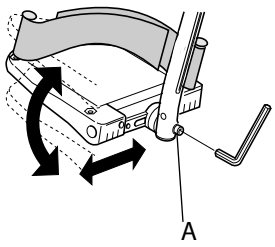
The distance between the lowest part of the footrest and the ground surface must be at least 40 mm.

3. **Footrests height adjustment**
   Adjust the height in the same way as the legrests above.
   NOTE! Don't touch the upper screw (C).

The distance between the lowest part of the footrest and the ground surface must be at least 40 mm.

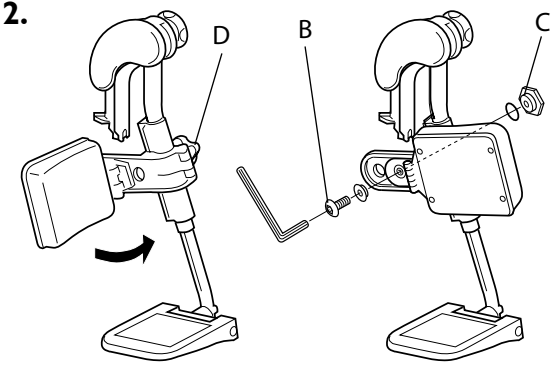
FOOTPLATE/CALFPAD

1.



Tool: 5 mm Allen key

2.



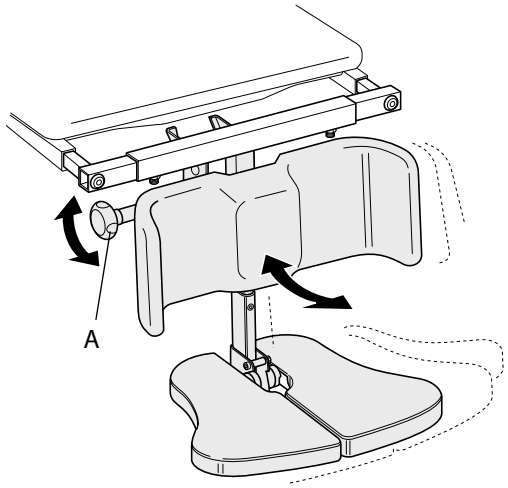
Tool: 5 mm Allen key

1. Angle-adjustable footplates
Adjust the angle and the depth by loosening the screw (A) at the footplate attachment with a 5 mm Allen key. Adjust the footplate to the correct position and retighten the screw.

Do not place anything on the footplate when the screw is loose.

2. Calf pads
The calf pads can be fitted in four different depth positions. Swing the pad forwards. Unscrew screw (B) using an Allen key. Remove the large nut (C) on the reverse side and place it in the other attachment hole. Move the calf pad to the new position and secure it into place with the screw.
The height of the calf pads can easily be adjusted using the handwheel (D).

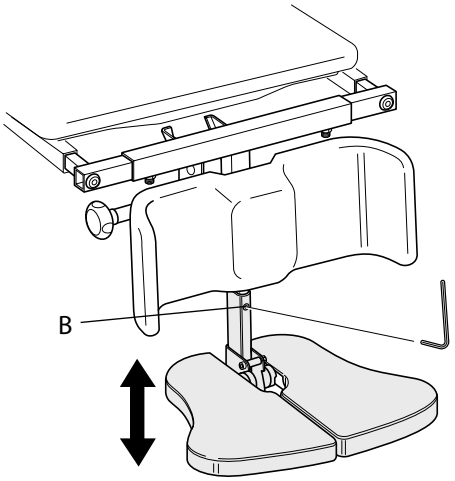
CENTRAL LEGREST



1. Adjust to the appropriate leg angle using knob (A).

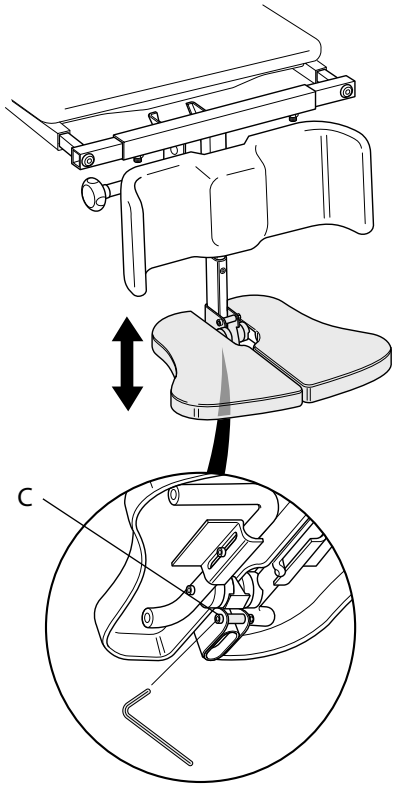
When adjusting the angle of the central legrest, loosen the adjustment knob with one hand and hold the foot plate with the other hand to avoid trapping yours or anyone else's fingers etc.

When the seat is tilted forwards on a chair with a long legrest length and low seat height, there is a risk of the legrest hitting the floor and causing damage.

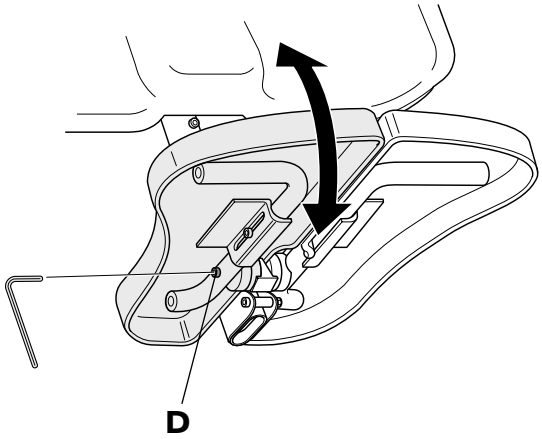


2. You can adjust the height of the legrest in the following two ways:

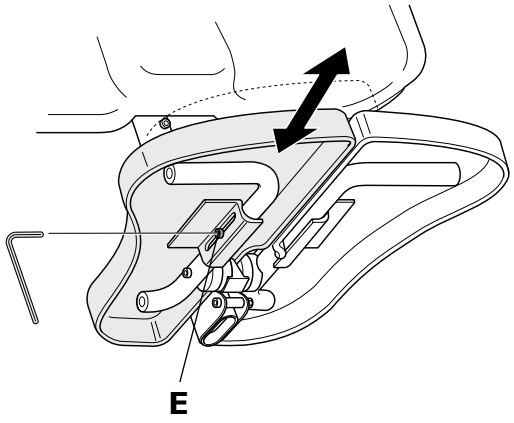
Alternative 1: Loosen the Allen screw (B) using a 5 mm Allen key on the front of the telescopic tube, place the legrest in the desired position and secure it into place using the Allen screw.



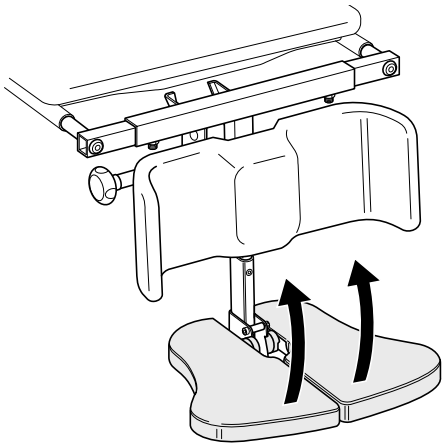
Alternative 2: Loosen the Allen screw (C) by the legrest attachment as shown in the diagram. Adjust to the desired height and then retighten the screw.



3. Loosen the rear screw (D) on the side of the tube and adjust the legrest to the desired angle. Retighten the screw. Repeat this procedure to adjust the angle of the other legrest.



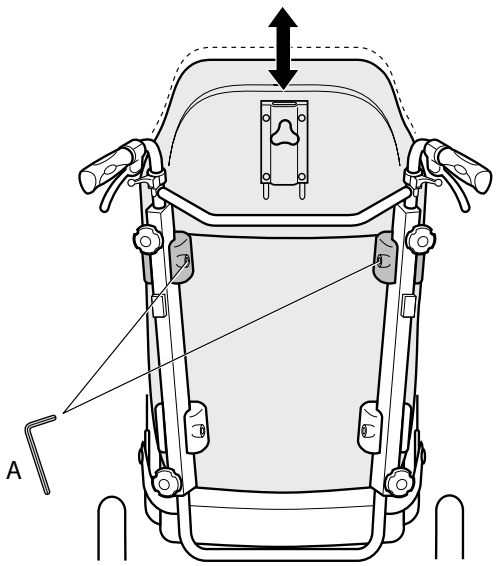
4. Loosen the frontal screw (E) on the side of the tube to adjust the depth of the legrest. Tighten the screw when you have found the desired depth. Repeat this procedure to adjust the depth of the other legrest.



5. The angle of the legrests can be adjusted upwards if required.

BACKREST

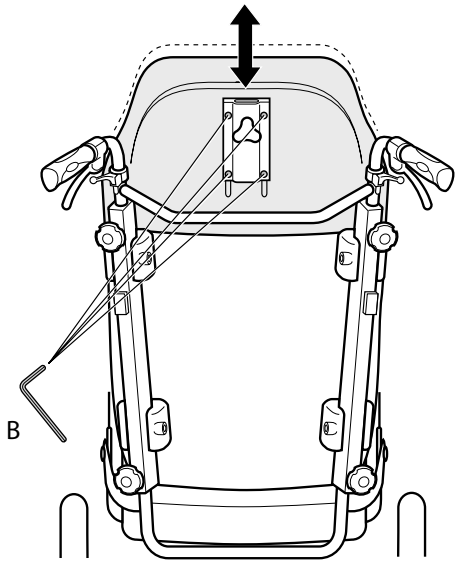
1.



Backrest plate

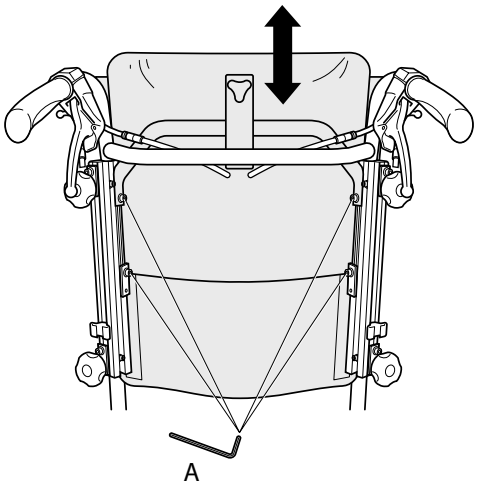
1. You can easily adjust the backrest plate (+ 10 cm) by loosening the two upper screws (A) with a 5-mm Allen key. Set at the required height and re-tighten.

2.



2. The upper section has two height levels and it is also removable (to fit lower backrest cushions). Loose screws (B) with an 5-mm Allen key and raise it to its heighest position. For removal, remove the screws (B).

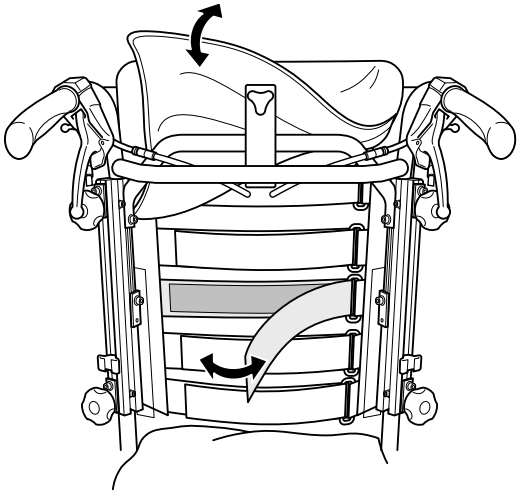
1.



Tension adjustable

1. For raising the height (+12,5cm), loose screw (A) and lift the backrest frame up.

2.

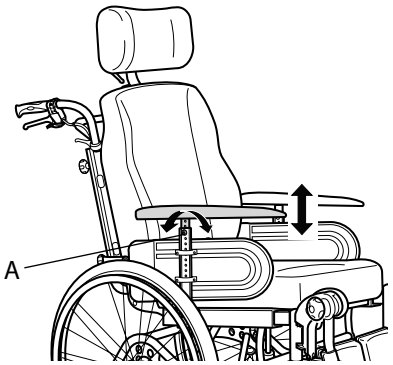


2. For shaping the form, loose the Velcro straps, tighten first where you would like to have a firm support and follow with the others. Check that the cover/cushion do not "lock" the straps by the Velco attachment.

Please ensure that the velcro straps are not too loose, as this will result in your back coming into contact with backrest bow (A), and could result in injury.

ARMRESTS

1.

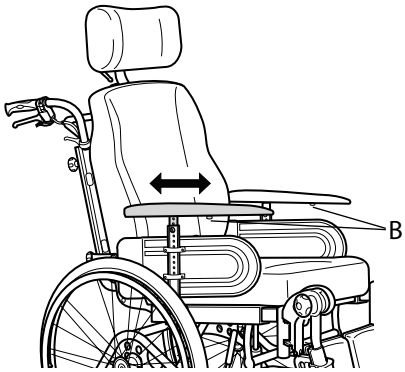


Armrest height

1. Adjust the height of the armrests by turning the knob or Allen key screw (A), setting the required height and then re-tightening the knob/screw.

Be aware not to trap your fingers between the armpad and the sidesupport when you adjust the armrest height.

2.

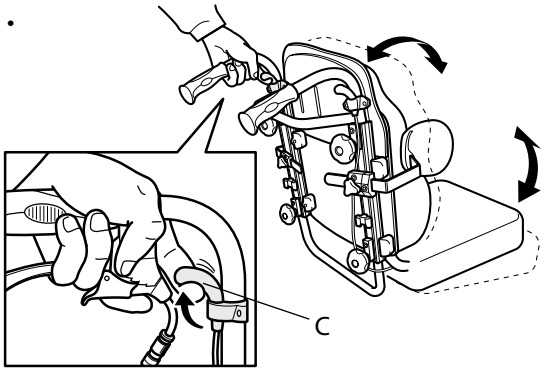


Armrest depth

2. You can also adjust the depth of the armrest pad. Loosen the knob (B), set the pad in the required position and re-tighten the knob.

SEAT
CARER-OPERATED ANGLE ADJUSTMENT

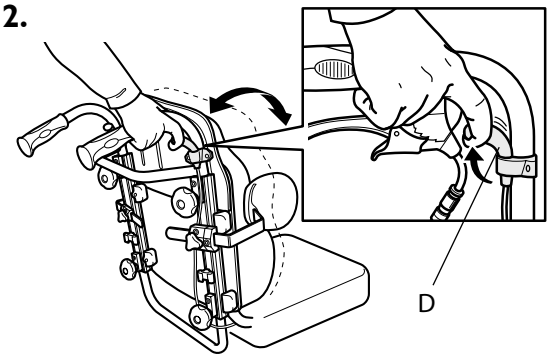
1.



The wheelchair is equipped with carer-operated controls. You can adjust the angle of the backrest forwards or backwards and tilt the whole seat unit including the backrest. These two functions can either be controlled manually or electrically. Be careful when adjusting the angle of the backrest so that you do not trap your or the user's fingers between the backrest and the armrest.

1. **Tilt adjustment**
   Tilt of the seat unit (seat and backrest) by pulling the left-hand lever (C) upwards and keeping it there whilst you tilt the seat unit to the required position. Release the lever (C).

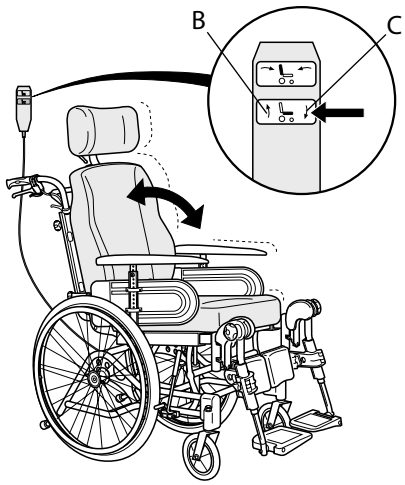
2.



2. **Backrest angle adjustment**
   Adjust the angle of the backrest by pulling the right-hand lever (D) upwards and keeping it there whilst you push the backrest away from you or pull it towards you until you have obtained the required position. Release the lever (D).

ELECTRIC TILT AND BACKREST ANGLE ADJUSTMENT

1.

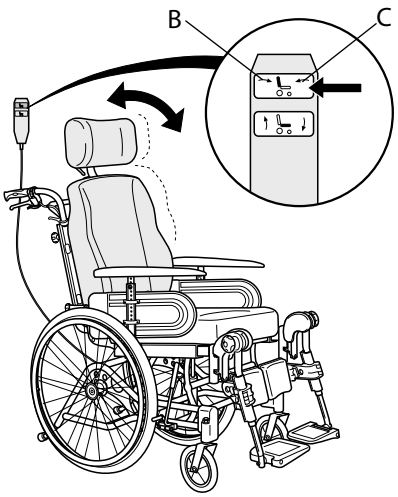


1. Tilt adjustment
Tilt the seat unit (seat and backrest) by using the lower part of the control panel. Press (B) to adjust the angle of the seat unit backwards or press (C) to adjust the angle forwards.

The hand control should only be used by authorised personell.

The risk of trapping fingers, etc, is greater in electric adjustments than in user-operated adjustments. Bear in mind, for example, that a child may get hold of the controls and get trapped, or trap the user.

2.



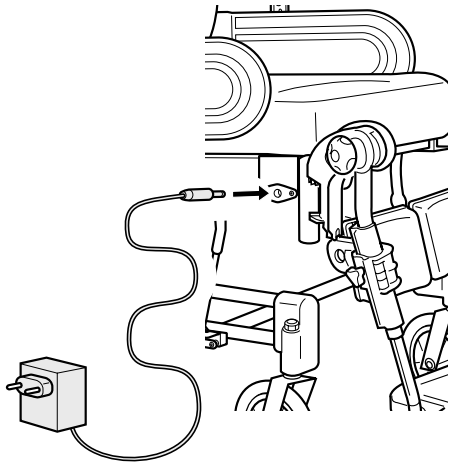
2. Backrest angle adjustment
Adjust the angle of the backrest by using the upper part of the control panel. Press (B) to adjust the angle of the backrest forwards or press (C) to adjust the angle backwards.

The risk of trapping fingers, etc., is greater in electric adjustments than in user-operated adjustment. Bear in mind, for example, that a child may get hold of the control box, press the controls and get trapped, or trap the user

The hand control should only be used by authorised personnel..

CHARGING THE BATTERY

3.



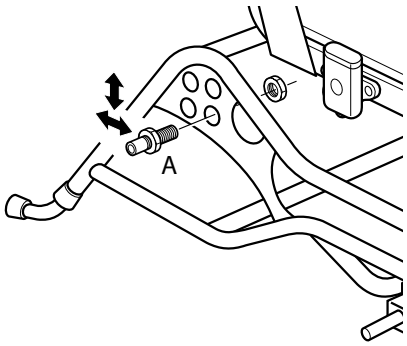
3. Charging the battery
If your wheelchair has electrical angle adjustment the battery needs to be charged. If the angle adjustment function has been used during the day, it is a good idea to leave the charger on overnight.

Charge the battery by plugging the battery charger supplied with the chair into a wall socket. Then Insert the the charger cable into the connector which is on the side of the wheelchair as illustrated. It takes about 12 hours to charge a battery that has been used 50% of its capacity.

Work on the handset should only be carried out by properly trained personnel.

REAR WHEELS ADJUSTMENT 22”-24”

1-2.



Tool: 24 mm fixed spanner

You can adjust the height of the seat by moving the rear wheel attachment upwards or downwards.
The balance of the wheelchair can be adjusted by moving the rear wheel attachment forward or backward. When the attachment is moved forwards, the chair will be somewhat easier to propel, but the risk of tipping will increase. If you move the attachment towards the rear, however, the chair will be more stable but slightly harder to propel. Test the different settings to see what suits you best.

The risk of tipping increases when the rear wheels moved forward. Compensate by mounting an anti-tip device on the wheelchair.

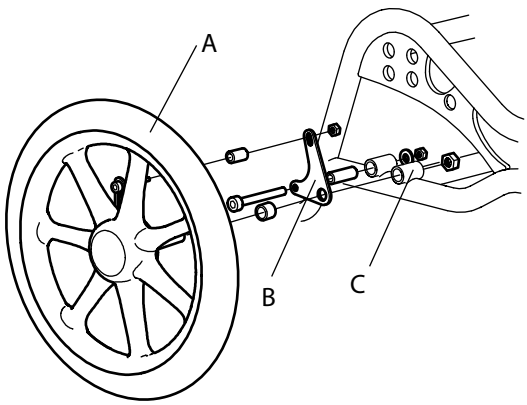
1. **Horizontal position**
   Loosen the rear wheel housing (A) with a spanner. Move the housing to the required position, either further forwards or backwards. **Ensure that you tighten the housing securely when you have decided on the position.**

Now check the position of the brakes, and that the user can move the chair safely in its new balance position.

2. **Height**
   Loosen and remove the attachment (A) using a spanner. Then move the rear wheel attachment to the height required, and then retighten the nuts (A).
   Is the position in height changed, the size of the rear wheels must also be changed.
   See the height table for correct positioning.

REAR WHEELS ADJUSTMENT 16”

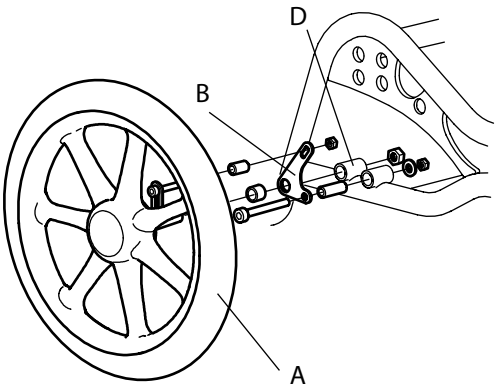
1.



The 16” transit wheel can be placed in two different positions. The front position is the standard position. When accessories is mounted on the back of the wheelchair the tip risk increases and therefore the rear placed attachment should be used in this case.
When fitting the wheel make sure to place the attachment (B) correctly.

1. Front position (C).
Assemble the mounting as illustrated in picture 1.

2.



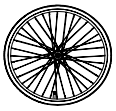
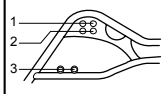
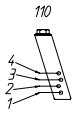
Tool: 5 mm Allen key
10 mm fixed spanner
24 mm fixed spanner

2. Rear position (D).
Assemble the mounting as illustrated in picture 2.

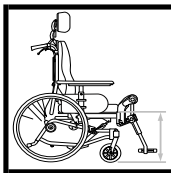
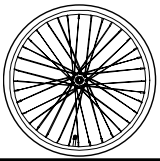
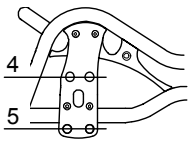
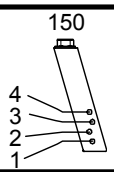
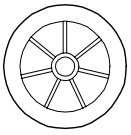
When you have fitted the wheels in the correct position, it is important that you check thoroughly that the nuts and screws are tightened securely. This is important for your own safety!

WHEELCHAIR HEIGHTS

1. Rea® Azalea & Rea® Azalea Assist

					
45	24"	2	1		200
45	24"	2		2	150
45	24"	2		2	140
40	22"	1	3		150
40	22"	1	3		140
45	16"	3	1		200
45	16"	3		2	150
45	16"	3		2	140

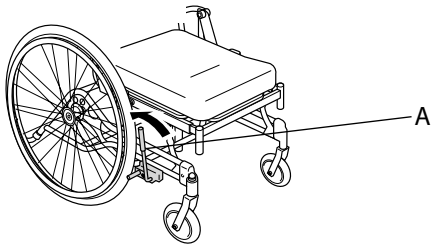
2. Rea® Azalea equipped with Tall-kit

				
50	24"	4	2	200
50	16"	5	3	200

BRAKES

Start by checking that the tyres have the correct air pressure (printed on the side of each tyre).

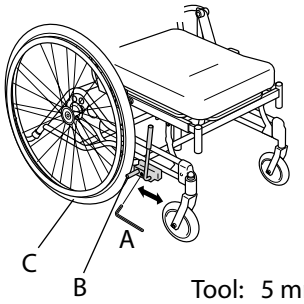
1.



1. User brake
The user brake is to be used when the chair is not moving, and is not intended for reducing speed when the chair is moving.
To apply the brake, move the lever (A) forwards. To release the brakes, move the lever towards the rear (towards you).

Be careful not to trap your fingers between the brake pin (B) and rear wheel.

2.



Tool: 5 mm Allen key

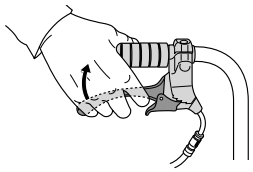
2. To attain the correct braking effect, the brake pin should press into the tyre when you apply the brake. The brake may therefore require depth adjustment. Loosen the screw (A) and move the brake attachment to the required position. Re-tighten the screw (A). There should be a distance of approximately 6 mm between the pin (B) and the tyre (C).

Be careful not to trap your fingers between the brake pin (B) and rear wheel.

Incorrect setting or use of the brake reduces the braking effect.

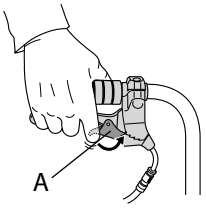
CARER-OPERATED BRAKE

1.



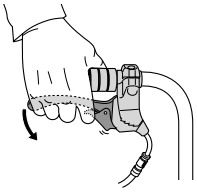
1. Braking when moving: squeeze both brake handles upwards, and the brake will be applied.

2.



2. Locking the brakes: squeeze the handle and move the lock catch (A) upwards. Then release the handle.

3.

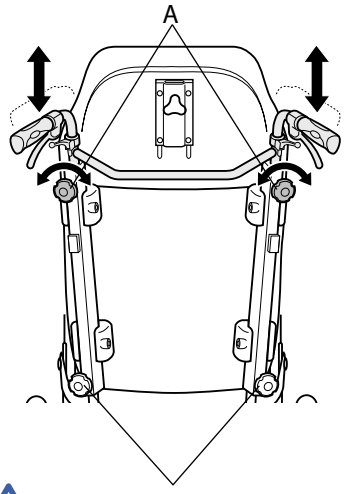


3. Releasing the brakes: squeeze the handle and the lock catch will release automatically.

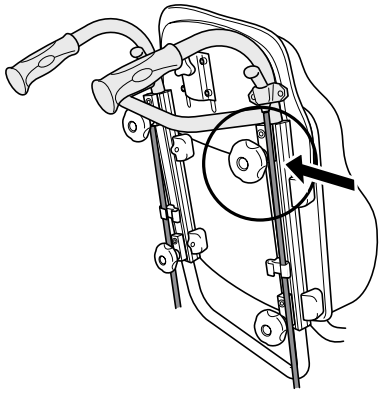
Incorrect setting or use of the brake reduces the braking effect.

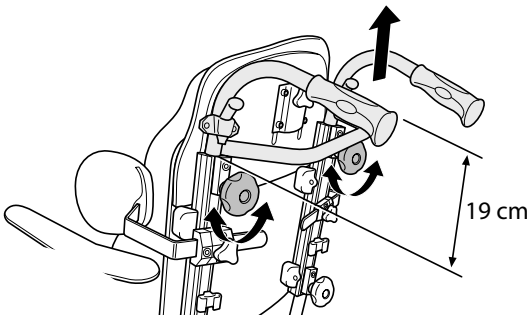
PUSH HANDLES BRACED/PUSH BAR

1.



Do not touch these knobs!





1. **Push bar/Push handles braced**
Loosen the knobs (A). The height of the push-handles braced/pushbar can be adjusted simply by pulling the handles upwards or pushing them downwards. Adjust it to the height that you require and tighten it.

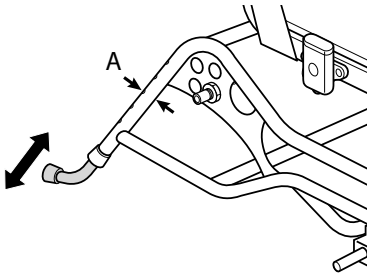
It is important that you **do not mix up the upper and lower knobs** on the back of the backrest. The lower knobs lock the backrest to the chair, and if these are loosened by mistake, the safety of the chair may be jeopardised !

When fitting the push bar/push handles be aware to place the wires outside the handwheels. Otherwise the wires can be damaged.

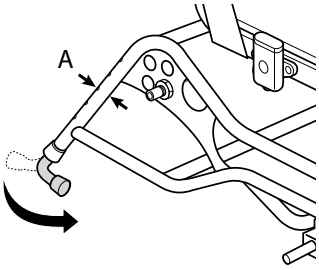
The pushbar/pushhandles braced must not be pulled up so that it protrudes more than 19 cm over the top edge of the attachment.Do not trap your fingers between the pushhandles brace and the neckrest attachment. (If you have tension adjustable).

ANTI-TIP DEVICES

1.



2.



The anti-tip device also acts as a step tube. It is height-adjustable and easy to adjust.

1. Press the spring-loaded buttons (A), raise or lower the anti-tip device and ensure that the spring-loaded buttons (A) pop out into place properly in their new position.

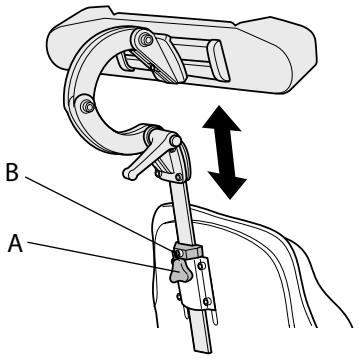
2. Fold the anti-tip device under the wheelchair by pressing the spring-loaded buttons (A), turning the anti-tip device to the required position, ensuring that the buttons (A) pop out again into position.

Never forget to fold down the anti-tip devices.

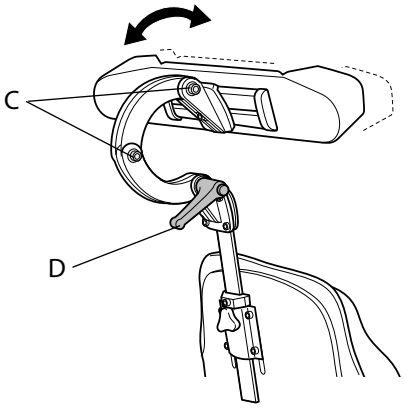
Accessories

HEAD REST

1.



2.



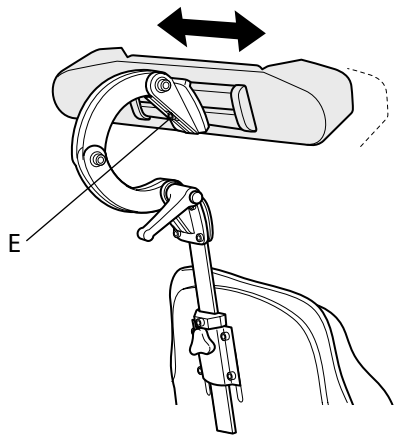
The height and the removal are operated by the handwheel (A). The bar is equiped with an adjustable stop block (B).

1. To adjust the height of the head rest, first loosen the screw (B) in the stop block, then loosen the handwheel (A). Adjust the head rest to the desired position and re-tighten the handwheel (A). Now slide the stop block down to the top of the head rest attachment and tighten the screw (B).

   It is now posible to remove the head rest and reinsert it again in the desired position without further adjustments.

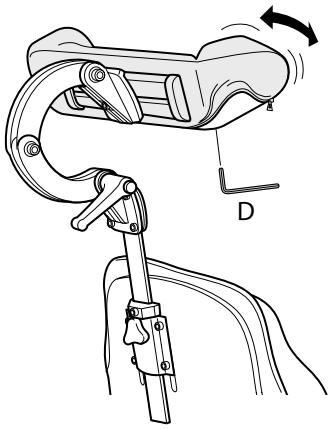
2. The angle and depth is adjusted by the two screws (C) and the handle (D). Loosen, adjust and re-tighten.

3.



3. The sidewise adjustment is made by loosening screw (E). Adjust and re-tighten.

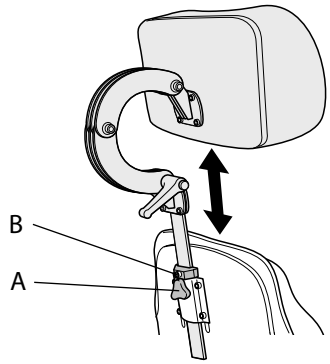
4.



4. The angle of the wings is adjusted by loosening screws (D). Adjust and re-tighten.

NECK REST

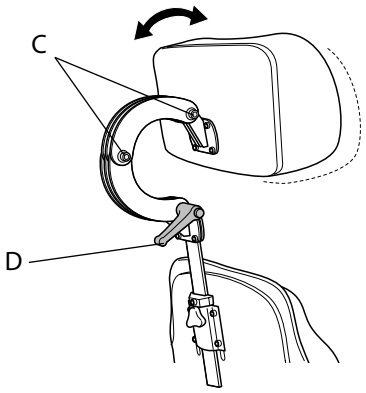
1.



1. To adjust the height of the neck rest, first loosen the screw (B) in the stop block, then loosen the handwheel (A). Adjust the neck rest to the desired position and re-tighten the handwheel (A).
Now slide the stop block down to the top of the neck rest attachment and tighten the screw (B).

It is now posible to remove the neck rest and reinsert it again in the desired position without further adjustments.

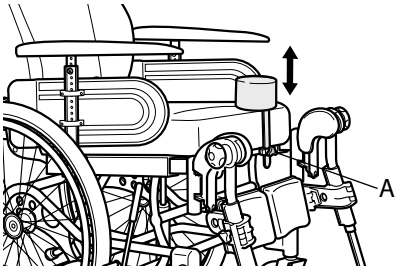
2.



2. The angle and depth is adjusted by the two screws (C) and the handle (D). Loose them and adjust.

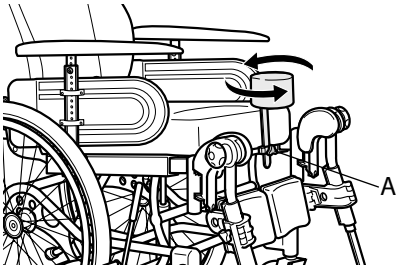
ABDUCTION CUSHION

1.



1. The height adjustment and removal is operated by the handwheel (A).

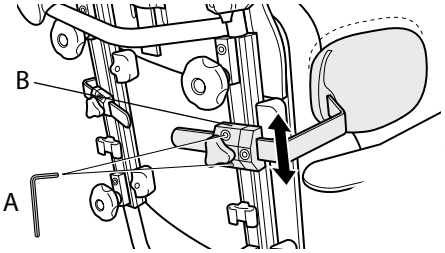
2.



2. The depth is adjusted in a forward or backward position. Loosen handwheel (A) and turn.

TRUNK SUPPORT

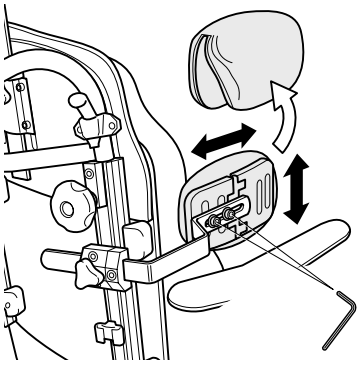
1.



With multi adjustable cushion

1. You adjust their height by first loosening the screws (A) whilst moving the attachment (B) upwards or downwards.Re-tighten the screws (A).

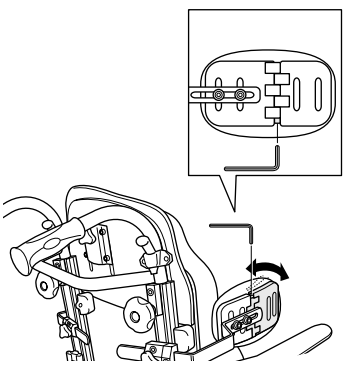
2a.



2a. Remove the cover and see illustrations to the left for suggestions of:

- height and depth adjustment

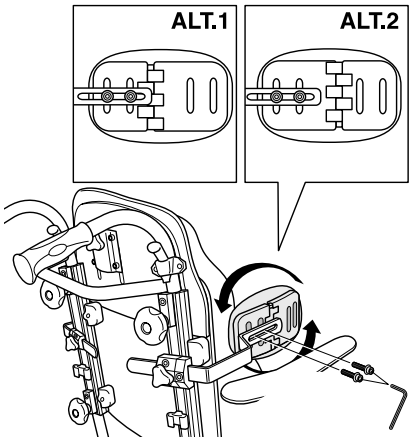
2b.



2b

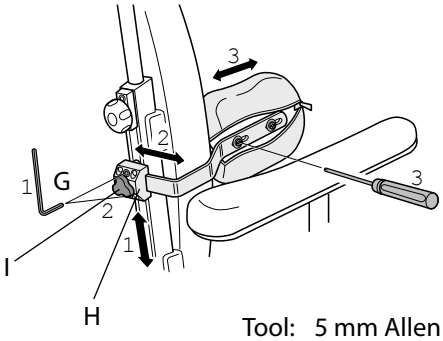
- angle

2c.



2c

- small side support / large trunk support Alt.1
- large side support / small trunk support Alt.2



Tool: 5 mm Allen Key screwdriver

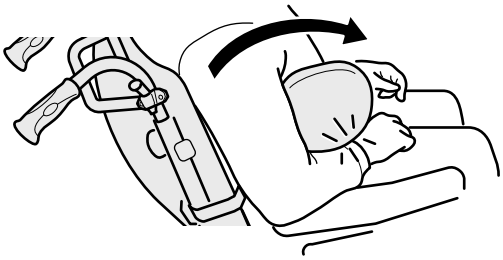
Trunk support with fixed cushion.
The trunk supports can be adjusted in height,depth and sideways.

1. You adjust their height by first loosening the screws (G) whilst moving the attachment (H) upwards or downwards. Re-tighten the screws (G).

2. You adjust the trunk supports sideways by loosening the knob (I), moving the support sideways to the required position and then re-tightening the knob (I).

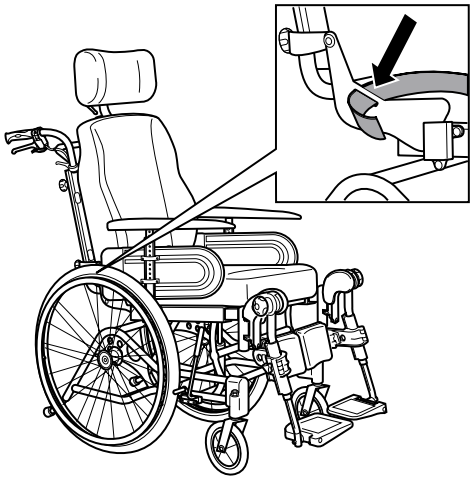
3. To adjust the depth of the trunk supports,first unzip the trunk support cover to reveal the screws inside.Unscrew them using a screwdriver, and move the trunk support forwards or backwards. Retighten the screws and zip up the cover.

4. Remove the trunk support by loosening knob (I) and pulling the trunk support sideways and outwards.



Be careful not to trap your arm between trunksupport and armrest when changing the angle of the backrest.

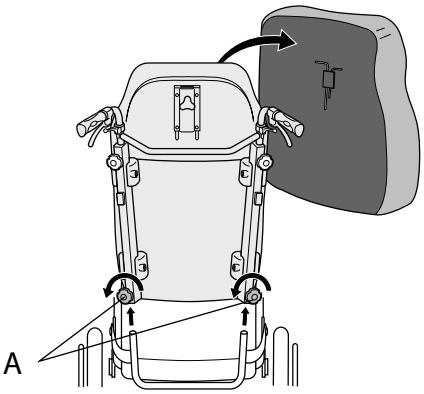
PELVIC BELT



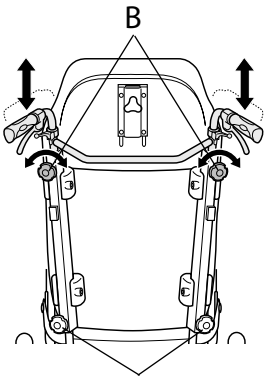
The pelvic belt is mounted on the backrest brackets, see picture.

Transport

1.

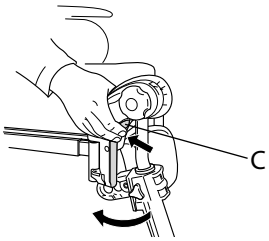


2.

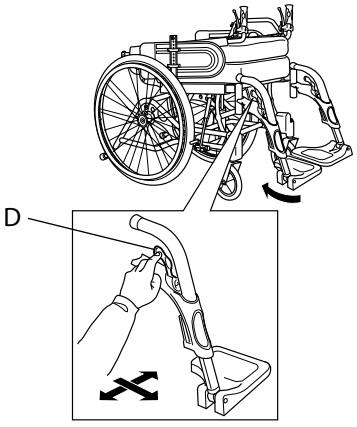


Do not touch these knobs!

3.



4.



The Rea® Azalea is easy to prepare for transport.

1. **Backrest**
   Remove the backrest cushion by pulling it forwards, thus separating the Velcro straps.
   Loosen both knobs (A) and pull the backrest directly upwards. Lay the backrest on the seat, where it can remain during transport of the wheelchair. Where applicable, detach the push handles. Be careful with the cables that run from the rear wheel to the push handles.
   When detaching the backrest and placing it on the seat, try to make sure that the cables hang freely.

2. **Push handles braced.**
   Loosen the two knobs (B). The height of the handles can be adjusted simply by pulling the handles upwards or pushing them downwards.

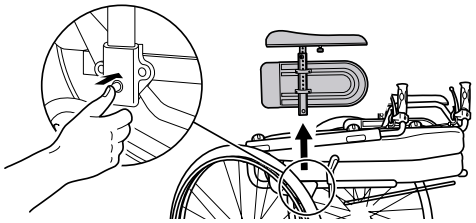
It is important that you **do not mix up the upper and lower knobs** on the back of the backrest. The lower knobs lock the backrest to the chair, and if these are loosened by mistake, the safety of the chair may be jeopardised!

The pushhandles braced must not be pulled up so that it protrudes more than 19 cm over the top edge of the attacthment.

3. **Legrests**
   The legrests are loosened by pushing the lever (C) forwards whilst turning the legrests outwards. You can then simply lift off the legrests.

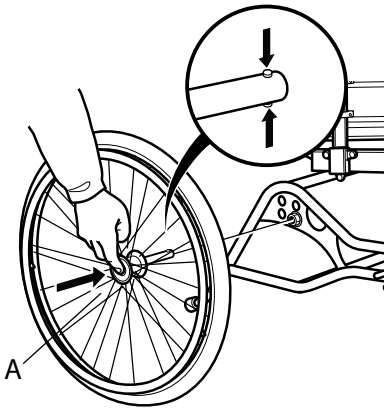
4. **Footrests**
   The footrests are loosened by pushing the handle (D) forwards or sidewards whilst turning the footrests outwards. You can then simply lift off the footrests.

4.



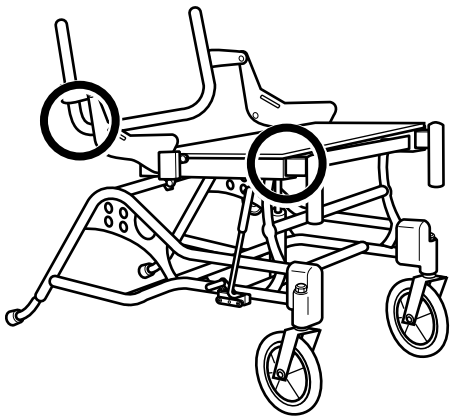
4. Armrests,
Pull them straight up

5.



5. Rear wheels
Remove the rear wheels by pushing buttom (A) and pulling the wheel straight out.

6.



6. Lifting the wheelchair
Always lift the wheelchair by gripping the frame at the points shown in the diagram. Never lift the wheelchair by the removable armrests or the footrests.

Transport of wheelchairs in vehicles

The Rea® Azalea and Rea® Azalea Assist has been tested for safety in collisions according to ISO 7176-19. The Rea® Azalea/Rea® Azalea Assist can be used for transport in vehicles that have been specially adapted for this purpose. The wheelchair must be securely fastened in the vehicle according to the methods described on the following page. Remember that the best solution is always to move the user from the wheelchair into a normal car seat.

TEST REPORT FROM DYNAMIC SAFETY RESTRAINT TEST

Test No Rea® Azalea**:**	P600377B	Customer: Invacare Rea AB
Date:	10/02/2006	
Test No Rea® Azalea Assist**:**	P600662A	Customer: Invacare Rea AB
Date:	23/02/2006	
Test No Rea® Azalea**:**	P702421A	Customer: Invacare Rea AB
Date:	2007	
Test No Rea® Azalea**:**	P702421B	Customer: Invacare Rea AB
Date:	2007	

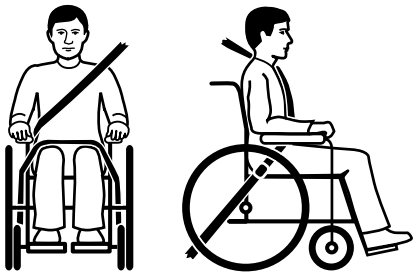
Pulse specification	ISO 7176-19 / ISO-10542	
Wheelchair	Manufacturer:	Invacare Rea AB
	Model:	Rea® Azalea and Rea® Azalea Assist
	Configuration:	Forward facing
Safety restraint device manufacturer:	Unwin Safety Systems	
	Model:	WWR/ATF/K/R + WWR/HD/ATF/K/R
	Attachment device:	Unwin Low Profile Rail
	Configuration:	4 Pt. Restraint
User safety belt:	Manufacturer:	Unwin Safety Systems
	Model:	QIR/3H/ATF/WH
Testdummy:	Hybrid III	
	Weight:	76 kg
Test configuration	Chassie:	SW44 / SD44
	Weight:	34,5 kg
	Backrest:	Flex2 fixed with Mistral2 cushion
	Seat:	Bris
	Armrest:	Height adjustable
	Legrest:	AA Alu2003
	Rear wheel:	24" pneumatic / 16" pneumatic
	Castor:	200 x 30 mm
	Accessories:	Calfpads, heel straps head-/ neckrest.

The safety restraint devices used in this test must be approved according to ISO10542. We have chosen to work with Unwin, a well-known quality manufacturer of safety restraint devices for wheelchairs.

OBSERVATIONS BEFORE TRANSPORT OF WHEELCHAIRS IN VEHICLES

- We recommend that wheelchair users should transfer to the seat of the vehicle and use the installed restraint system of the vehicle whenever feasible.
- The wheelchairs are tested in a basic configuration. The use in other configurations has not been tested. See user manual, section "Test report from dynamic safety restraint test", for test configuration.
- Auxiliary wheelchair equipment is either secured to the wheelchair or removed from the wheelchair and secured in the vehicle during transit. (i.e. table trays, etc.). Pommels or the like, are not recommended during transport as they can cause injury to the groin and genitals if the vehicle brakes suddenly.
- Alterations or substitutions are not to be made to points of the wheelchair or to structural and frame parts without the written consent of Invacare®.
- A wheelchair-anchored pelvic belt must be fitted across the wheelchair occupant in addition to the lap and diagonal restraint (3-point belt).
- Belt restraints are not to be held away from the body by wheelchair components or parts such as armrests, postural restraints, wheels, etc. (See illustration below.)
- The wheelchair must be securely fastened in the vehicle with an ISO 10542-2 approved 4-point tie-dowm system, according to the methods described in this manual.
- The occupied wheelchair must be tied down in an forward-facing configuration, with the parking brake applied.
- The wheelchair backrest should be positioned as close to vertical as possible and the seat as close to horisontalt as possible.

Please observe that even if these products and recommendations are provided in order to increase security and safety, injury to vehicle occupants still might occur in the event of a collision or other accidents and no guarantee is given in this respect.

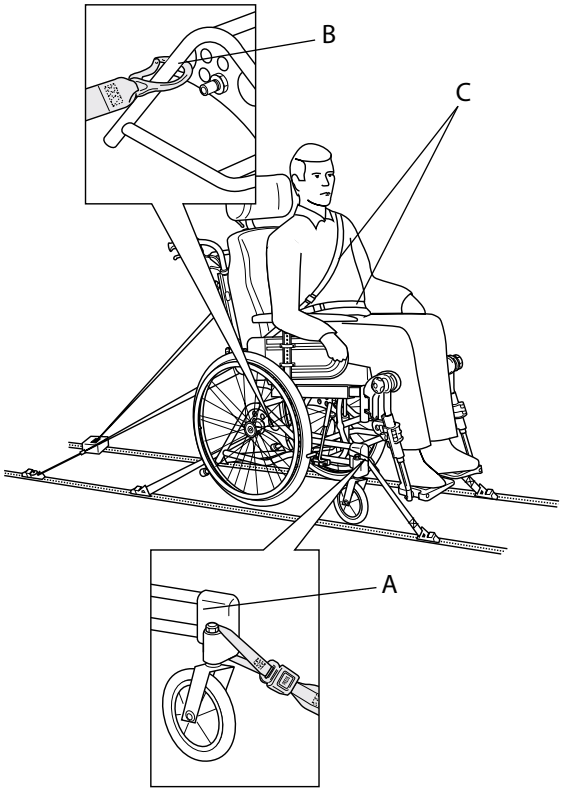


Correct placement of belt

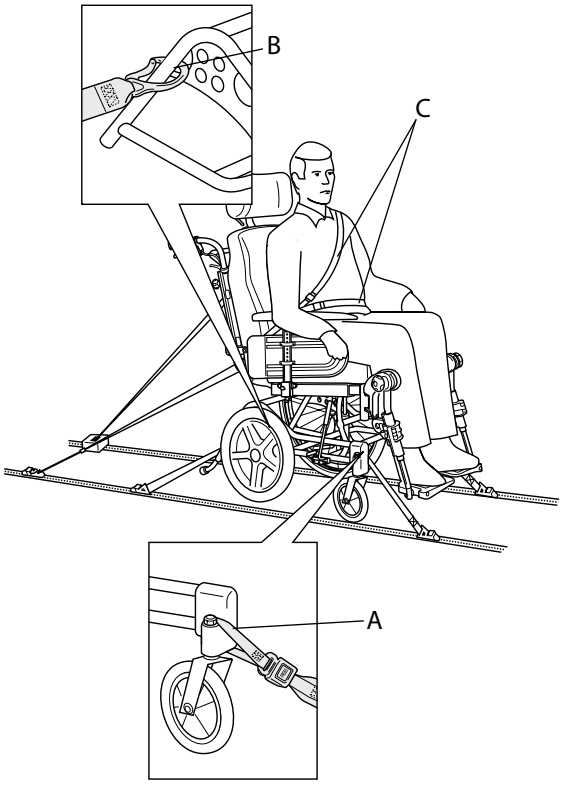
Incorrect placement of belt

RESTRAINT METHODS

Rea Azalea



Rea Azalea Assist



A. Frontal restraints with straps

1. Connect the frontal straps around the castor attachment. See pic A.
2. Release brakes and tension front straps by pulling the wheelchair backwards. Re-apply wheelchair brakes.

B. Rear restraints

1. Attach the snap hooks on the rear straps to the vertical rear tube by the rear wheel attachment.
2. Tighten the straps.

C. Fastening of pelvic belt and safety belt

1. Check that the pelvic belt on the wheelchair is correctly fastened.
2. Fasten the 3-point safety belt around the user.

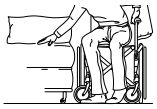
If pelvic belt on the wheelchair is missing we recommend that the user should transfer to the seat of the vehicle, if possible

The safety belt should not be kept from the user's body by the parts of the wheelchair.

Safety instructions/propelling techniques

We recommend that you have the chair tested by the qualified person who has prescribed the wheelchair, after he or she has made the adjustments that you request, taking your build and needs into account. We hope that you have also received help in learning how best to use the wheelchair. Start by practising carefully until you are familiar with the wheelchair's possibilities and limitations.

Move to/from the wheelchair

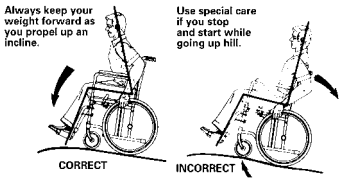


Propel the wheelchair as near as possible to the seat that you want to move to. Apply the brake. Remove the armrests or move them upwards out of the way, and detach the legrests or swing them outwards. Do not support yourself on the footplates as this may cause the chair to tip forwards.

Stretching and leaning

Propel the wheelchair as near as possible. When stretching and bending, do always have full contact between the backrest and the back otherwise the wheelchair may tip over. Stretching behind the back is not recommended.

Propelling up a slope



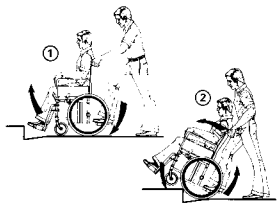
Many experienced users can propel themselves up a slope. In order not to lose control of the steering and to avoid tipping backwards, you should always lean forwards whilst propelling up a slope. Propel the wheelchair forwards using short, quick strokes applied to the hand rims, in order to maintain speed and steering control.
Generally, help is needed on steep slopes.
If you have to stop on a slope, it is particularly important to ensure that you do not make any sudden or unexpected backward movements when you start moving the wheelchair forwards again. As the wheelchair is already leaning backwards, such a movement may cause the wheelchair to tip backwards. The maximum gradient of slopes that can be attempted is varied between 3° and 13,5° depending on the user weight and the adjustments of the wheelchairs.

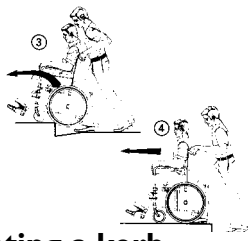
Propelling down a slope

We recommend that you obtain the help of one or more assistants when going down steep and wet slopes.

First check the slope to see if there are any particular hazards, potholes, slippery sections, etc. Never use the user-operated brake to slow down. When you apply the brake on a downward slope, the wheels lock and the wheelchair can suddenly pull to one side, tip sideways or stop immediately, which may cause you to be thrown out of the chair. Always control the speed with the hand rims. Remember that the hand rims may become hot due to friction, and this may cause injury to your hands. Try to propel down the slope in a straight line as much as possible.

Climbing a kerb



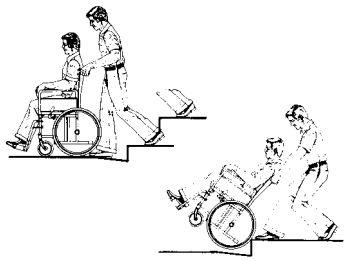


This method is for when the assistant is always behind the wheelchair and it creates the greatest safety for the user.
The following advice is for the assistant:
Illustration 1) Adjust the anti-tip devices upwards. Ensure that the user's feet rest securely on the footrests and cannot slide off. Then tilt the wheelchair backwards and push it forwards against the kerb.
Illustration 2) Lower the frontal part of the wheelchair onto the pavement and place yourself as close to the chair as possible, before you lift up the whole wheelchair.
Illustration 3) Lean forward and lift/roll the wheelchair over the pavement edge.
Illustration 4) Lower the wheelchair onto the pavement so that the weight is divided on all four wheels. Ensure that the wheelchair does not roll backwards.

Dismounting a kerb

Follow the procedure above, but in reverse order (step 4, 3, 2 and then 1) to move off a kerb.

Kerbs – alternative method



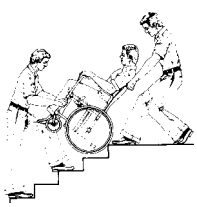
This method is generally used by experienced assistants who are stronger than average. It can also be used when the kerb or step is low and only constitutes a minimal obstacle.

The assistant steps backwards onto the pavement and pulls the wheelchair up onto the pavement. It is important for the assistant to use his or her body correctly to prevent injury. Tip the wheelchair backwards and roll the chair over the kerb onto the pavement. Take particular care if the kerb is wet or slippery.

Escalators

Do not use escalators when you are in the wheelchair. Find out whether there is a lift nearby.

Stairs



We advise you to avoid using stairs when you are in your wheelchair, where possible. Choose an alternative route instead.

We recommend that you receive help from two assistants to get up and down stairs. One assistant walks in front of the chair holding the frame of the wheelchair, whilst the other assistant walks behind the chair, holding the push handles. Check that the push handles/push bar are securely fixed in place before you start. Fold the anti-tip devices upwards. Balance the wheelchair on the rear wheels until the balance point is found. The wheelchair is then rolled down the stairs, step by step, by letting the rear wheels roll over the edge of each step. Assistants must not lift by gripping the removable armrests or legrests. They must remember to lift the chair at the correct points, to use their legs and to keep their backs as straight as possible.

Guarantee

We provide a three-year guarantee from the delivery date. Damage due to wear and tear on upholstery, tyres, (rubber) tubes, hand rims and castors, for example, is not covered by the guarantee. Damage that has been caused through physical violence or abnormal use is not covered. Damage caused by users who weigh more than 135 kg is not covered. The guarantee will only apply if the care and maintenance instructions are followed.

Maintenance instructions

Your Rea® Azalea wheelchair is easy to keep clean.

Cleaning

Wipe metal parts and the upholstery regularly with a damp cloth. A mild detergent may be used. If necessary, the upholstery can be washed at 40°C. Normal washing powder/liquid may be used.
For disinfection only use alcohol based detergent.

Wheel and tyres

- Wheel axles are to be wiped clean and lubricated with a drop of oil.
- Pneumatic tyres have a car tyre valve and can be pumped up using the same type of pump that is used for cars. Recommended air pressure for rear wheels:

Standard tyres	3.5 bar	50 psi
Low profile tyres	7.0 bar	90 psi

Recommended air pressure for castors:

(200 mm)	8"	4.0 bar

Technical servicing

- Only original parts, or those approved and complying with Invacare's specifications, may be used.
- All technical servicing must be carried out by an authorised wheelchair technician or by Invacare's® service department. The address and telephone number are on the back cover of this manual.
- Examine all parts of the wheelchair once a week to check for cracks or other damage. If you discover damage, please contact Invacare immediately. The address and telephone number are on the back cover of this manual.
- Screws and nuts are to be checked regularly and tightened securely (this applies to all loose parts).

Service life

We estimate that the Rea® Azalea has a service life span of 5 years. It is difficult to state a precise service life span for our products. The stated period is an estimation of average life span based on normal use. This life span may be considerably longer if the wheelchair is used to a limited extent, and if it is used with care, maintained and handled properly. The life span may be shorter if the wheelchair is subjected to extreme use.

Accidents/Near-accidents

Please inform your Invacare office immediately of any accidents or near-accidents that have been caused by this wheelchair and that have led to, or could have led to, personal injury. The relevant authority must also be contacted and reported to.

Testing

The Rea® Azalea has been tested and approved by The Swedish Handicap Institute (HI) and TÜV and is CE-marked according to the Medical Device Directive.

Recycling

The wheelchair Rea® Azalea can be divided into the following main components:

- Chassis
- Plastic parts
- Upholstery
- Wheels, tyres and tube
- Packing

Chassis

The chassis is produced in steel and is fully recyclable. Recycling of steel requires only 20-25% of the energy compared to new produced steel. Rea® Azalea has two gas pistons and they contain oil and must be disposed according to national requirements. Be aware of that the gas pistons contains high pressure and must be handle with care during destruction.

Plastic parts

The plastic parts in the chairs are produced of "Thermoplastic" and are marked with recycling symbols (where it is possible due to part size). The main plastic material is polyamide. This material can be recycled or burned in approved facilities.

Upholstery

Upholstery is produced of polyester fibres (PUR). The efficient way to recycle the parts is to burn them in approved facilities.

Wheels, tyres and tubes

- The handrim, rim, spokes and hub are made of steel, stainless steel or aluminium and can be recycled according to above.
- Tyres and tubes are made of rubber and can be recycled according to above.

Packing

All Invacare Rea AB packing material is developed to fit the products in an optimal way to reduce unnecessary material waste. All boxes are recyclable.
Contact your local recycling agent to otain the correct information on how to handle the above mentioned materials.

Manufacturer:

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