

REDGUM BRAND
Daily Living and
Lifestyle Products

ONYX WHEELCHAIR

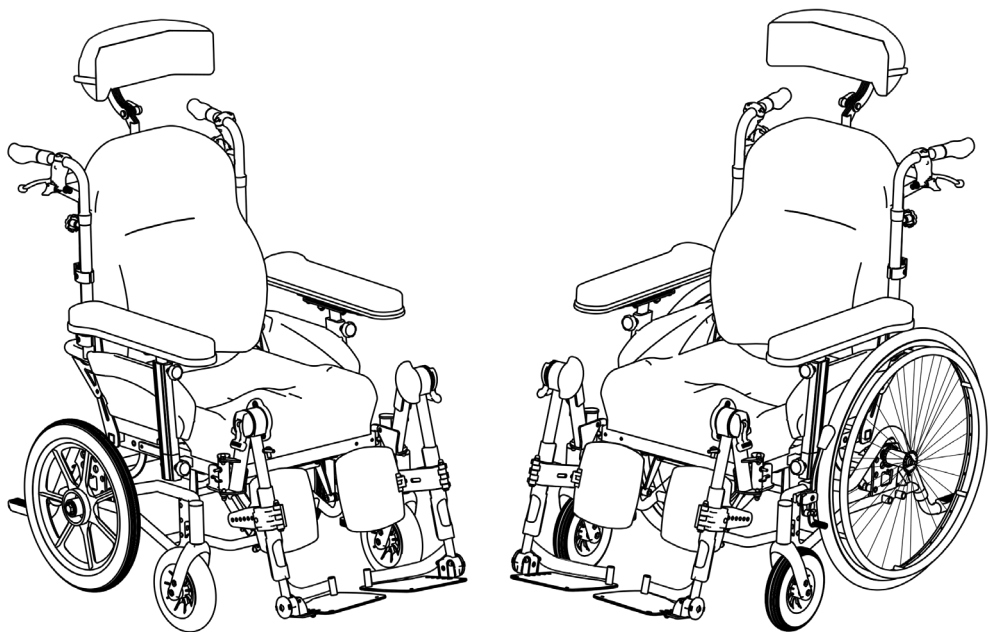
RG350SP18

RG350TR18

RG350SP20

RG350TR20

Edition 1

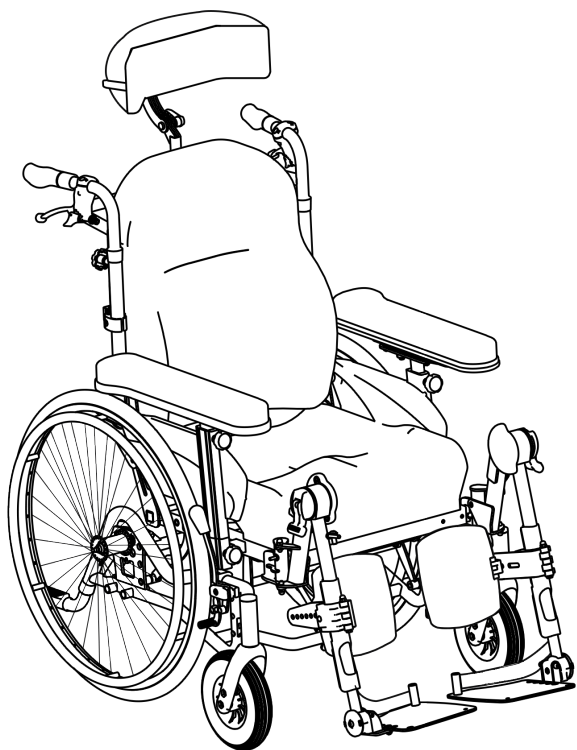


USER MANUAL

Please read and keep these instructions

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Lifestyle Products*

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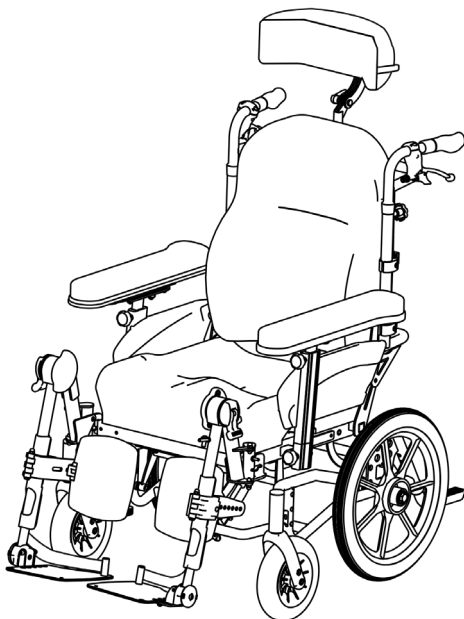
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INTRODUCTION

Thank you for purchasing this **REDGUM Brand** product.

If you have any issues or questions about the ONYX Wheelchair please contact your supplier or REDGUM Brand direct:

T: **+61 8 9248 4180**

E: **orders@for-de.com.au**

A: **1 Business Way, Malaga, Western Australia 6090**

INTENDED USE

In this paragraph a brief description of the intended use of your wheelchair is given. Additionally, relevant warnings are added to the instructions in the other paragraphs. In this way we would like to make you aware of the possible misuse that may appear.

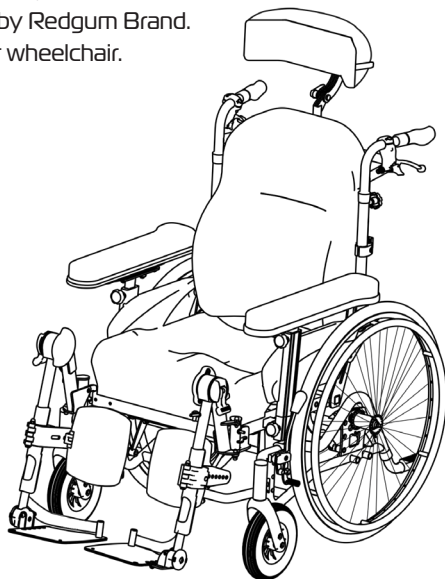
- This wheelchair is suitable for indoor and outdoor use.
- This wheelchair is designed and produced solely to transport one (1) person with a maximum weight, according to the configuration of the technical specifications). It is not designed to transport goods or objects, nor for any other use as previously described.
- Depending on the type of wheels on your wheelchair, it can be operated by an attendant or by the user sitting in the wheelchair. You should NOT use this wheelchair without attendant if you suffer from physical or mental impairments that may put you, or other people, in danger when riding the wheelchair. For this reason, consult your doctor first and make sure that your specialist dealer is informed about their advice.
- Only use accessories and spare parts approved by Redgum Brand.
- Please read all technical details and limits of your wheelchair.

IMPORTANT NOTE

This equipment **MUST** be assembled by a competent person.

Maximum User Weight: 135kg

Exceeding the weight limit could cause damage to the product and could put the user at risk.



1.

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PRODUCT OVERVIEW

FEATURES

- Seat and backrest are angle adjustable
- Detachable armrests
- Height adjustable armrests
- Elevating, fully adjustable leg rests
- Removable height adjustable headrest
- Locking brake with drum hand brake
- Adjustable anti tip caps
- Quick release rear wheels
- Solid tyres or inflatable
- Pressure reduction padded seat, leg, arms, backrest and headrest support

SPECIFICATIONS (All dimensions shown are nominal)

Overall length (with footrests): **1050 - 1090mm**

Overall length (without footrests): **830 - 870mm**

Overall width: **580 - 730mm**

Overall width (without armrest): **650 - 700mm**

Overall height (without headrest): **990 - 1060mm**

Overall height (with folded backrest, without armrests): **710 - 780mm**

Seat width: **350 - 500mm**

Seat depth: **460 - 520mm**

Seat height (with cushion): **460 - 530mm**

Backrest height: **550 - 585mm**

Backrest angle: **0° - 54°**

Front Wheels: **8" - 200mm**

Rear Wheels: **24" - 600mm**

Rear Wheels: **16" - 400mm**

Distance between footrest and seat: **400 - 570mm**

Foot plate angle: **80° - 100°**

Angle between seat and footrest: **104° - 194°**

Static stability downhill: **10°**

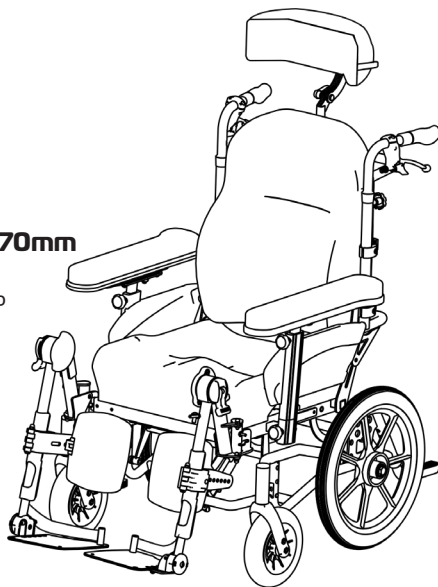
Static stability uphill: **15°**

Static stability sideways: **12°**

Obstacle climbing: **60mm**

Product Weight: **38kg**

Maximum Weight Loading: **135kg**



Please contact REDGUM Brand if you would like any further information on the ONYX Wheelchair. **2.**

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ASSEMBLY - UNPACK and INSPECT SUPPLIED PARTS

Ensure you have been supplied with the following parts:



Tools supplied: **1 x Spanner, 2 x Allen keys**

IMPORTANT NOTE

Remove all the protective wrapping and check all the parts. If you see any damage or suspect a fault, **DO NOT USE YOUR PRODUCT** and contact your supplier for support.

3.

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ASSEMBLY - UNFOLD BACKREST

Please follow these steps:

1. Place the wheelchair with four wheels on the ground.
2. Fold the backrest frame open.
3. Mount the front of the spring to the backrest frame with the fastener pin and lock its brace.
4. Make sure that the backrest frame is firmly secured to the spring.



**MAKE SURE THAT THE
BACKREST FRAME IS
FIRMLY SECURED TO
THE SPRING**

4.

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ASSEMBLY - BACKREST AND ARMRESTS

Please follow these steps:

1. Hang the backrest with its four screws in the four brackets of the backrest frame.
2. Tighten the two upper star buttons by hand.
3. Make sure that the backrest is firmly secured.
4. Turn the star knob of the armrest support anticlockwise and remove it.
5. Insert the armrest in the armrest support.
6. Insert the star knob and turn it clockwise until it is finger-tight.
7. Make sure that the armrest is firmly secured.
8. Repeat this for the second armrest.



**MAKE SURE THAT THE
BACKREST IS FIRMLY
SECURED**

**MAKE SURE THAT
THE ARMREST IS
FIRMLY SECURED**

5.

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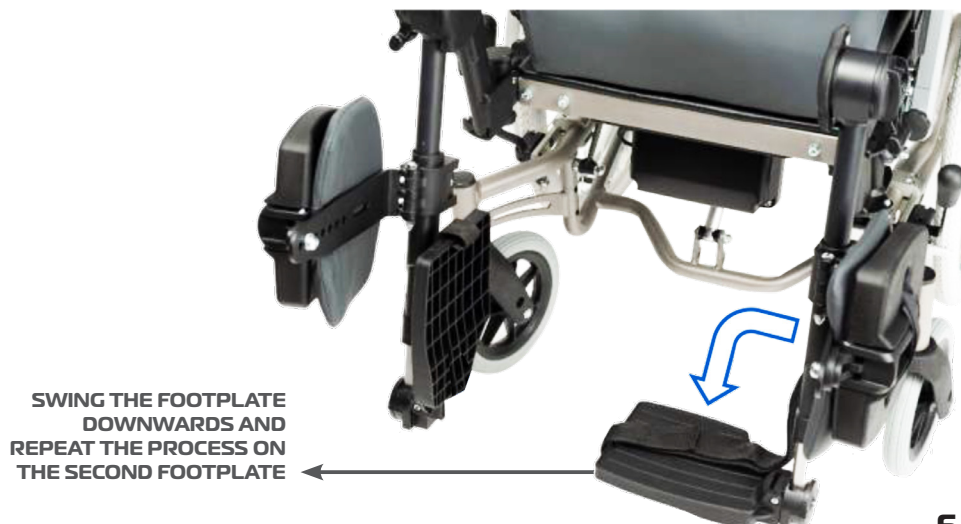
ASSEMBLY - LEGRESTS

Please follow these steps:

1. Hold the leg rest sideways and hang it in the footrest support. Make sure that the leg rest hole fits over the lower support part and that the leg rest pin is inserted in the top support.
2. Swing the leg rest inwards until it clicks in position.
3. Repeat for the second leg rest.



MAKE SURE THAT YOU SWING THE LEGREST INWARDS UNTIL IT CLICKS IN POSITION



SWING THE FOOTPLATE DOWNWARDS AND REPEAT THE PROCESS ON THE SECOND FOOTPLATE

6.

ASSEMBLY - CALFRESTS

Please follow these steps:

1. Swing the calf rest support inwards.
2. Turn the calf rest to the back.
3. Repeat this for the second calf rest.



**SWING THE CALF
REST SUPPORT
INWARDS AND
TURN THE CALF
REST TO THE BACK**



**IF APPLICABLE MOUNT THE
HEADREST WITH THE SQUARE TUBE
IN THE HEADREST SUPPORT ON THE
BACKREST AND TURN THE STAR
KNOB FINGER TIGHT**

7.

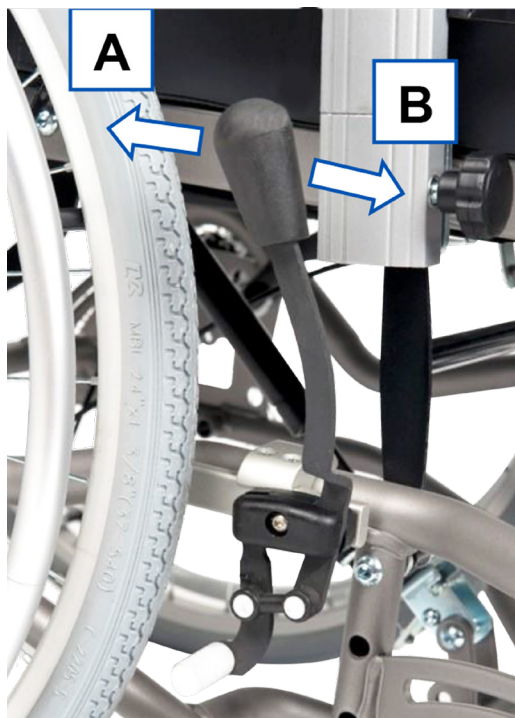
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USER GUIDELINES - BRAKES

Parking brakes:

1. Only operate the brake lever when your wheelchair is stopped.
2. An attendant should operate the brake lever if you have impaired mobility.
3. Make sure the wheelchair is on a flat horizontal surface before releasing the brakes.
4. Never release both brakes simultaneously.
5. Brakes may only be adjusted by your specialist dealer.
6. Do not use the parking brakes to slow the wheelchair down during movement.



Your wheelchair is equipped with two manually-operated parking brakes. These brakes are intended to prevent movement of the wheelchair when parked.

Releasing brakes [A]:

1. With one hand, hold one hand rim tight (or your attendant holds the push bar with one hand).
2. Pull the brake lever of the OTHER wheel to the REAR.
3. Repeat this for the second wheel and parking brake.

Applying brakes [B]:

1. With one hand, hold one hand rim tight (or your attendant holds the push bar with one hand).
2. Push the brake lever of the OTHER wheel to the FRONT until you feel a distinctive lock.
3. Repeat this for the second wheel and parking brake.

USER GUIDELINES - BRAKES

Drum brakes:

1. Make sure that the wheelchair is on a flat horizontal surface before releasing the brakes.
2. Never release both brakes simultaneously.
3. To park or stop on a slope, use the parking brakes after coming to a halt.
4. Brakes may only be adjusted by your specialist dealer.

To operate the drum brakes:

1. Pull the brake levers in a squeeze motion.
2. Each brake lever can be blocked by pushing the lock lever down with your finger.
3. Release the brake levers.

To move/ride again:

1. Pull the brake levers in a squeeze motion.
The lock lever is released by this movement.
2. Hold the handgrips firmly, while releasing the brake levers.



Moving to/from wheelchair:

Risk of injuries or damage

- In case you cannot perform the transfer in a safe manner, ask someone to assist you.
- Do not stand on the footplates during transfer into or out of the chair.

Transfer

1. Position the wheelchair as close as possible to you when sitting in your chair, couch, seat or bed.
2. Apply both parking brakes to block the movement.
3. Move the backrest and seat to sitting position.
4. Fold the footplates upwards to prevent standing on them, or turn the leg rests aside to free the passage for transfer.
5. If necessary, remove the armrest and/or leg rest on one side.
6. Transfer to/from the wheelchair using the strength of your arms, or with the help of an attendant or lifting equipment.

Sitting in the wheelchair

1. Sit down on the seat with your lower back against the backrest.
2. Reinstall the armrest and/or leg rest, if removed.
3. Turn the leg rests back to the front, fold down the footplates and put your feet on the footplates.
4. Make sure that your upper legs are horizontal and that your feet are in a comfortable position.

9.

USER GUIDELINES - COMFORT ADJUSTMENTS

Comfort adjustments:

1. The following comfort adjustments can be made by an attendant or caretaker.
All other adjustments are done by your specialist dealer.
2. Always keep the swing range of the footrest in mind to prevent bystanders from being injured or objects from being damaged.
3. Make sure that your fingers, clothes, buckles won't get trapped during adjustment.

Backrest and seat inclination:

1. Be aware that the stability decreases when the wheelchair is moved from sitting upright to inclined position.
2. Apply the parking brakes before adjusting the backrest and seat inclination.
The seat inclination and backrest inclination can be adjusted simultaneously or separately by an attendant. Make sure that the patient sits in the chair when the attendant adjusts the backrest inclination and that the wheelchair does not tip over.



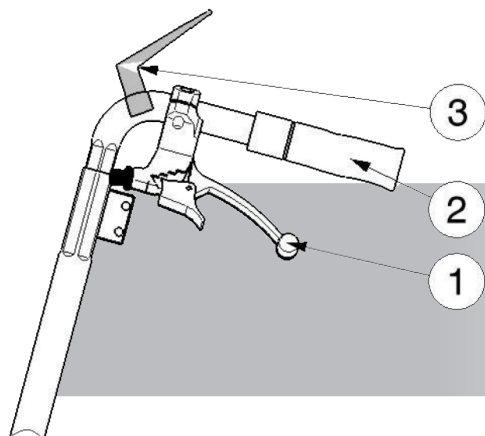
Seat Inclination:

1. Squeeze the lever on the left handle towards the handle to adjust the seat inclination.
2. Pull/Push the seat in the desired position (0° to $+21^{\circ}$), the gas pressure spring shall be pressed in/out.
3. Loosen the lever to block the gas pressure spring.



Backrest Inclination:

1. Squeeze the lever on the right handle towards the handle to adjust the angle of the backrest.
2. Pull/Push the backrest in the desired position (0° to $+54^{\circ}$), the gas pressure spring shall be pressed in/out.
3. Loosen the lever to block the gas pressure spring.



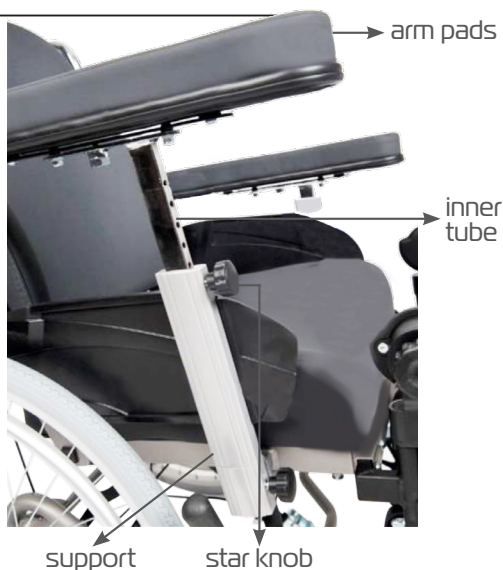
If your wheelchair features drum brakes, the levers (1) are used as brakes; additional levers (3) have been mounted to adjust the backrest and seat inclination.

USER GUIDELINES - ARMRESTS / PUSH HANDLES

Armrest height:

The arm pads of the wheelchair can be adjusted in 6 different height positions:

1. Turn the star knob anticlockwise to unlock.
2. Pull and hold the star knob to release the inner tube of the armrest.
3. Slide the inner tube of the armrest up/down in the support until the desired height. Make sure that the holes on the inner/outer tube align.
4. Retighten the star knob by turning it clockwise.
5. Repeat this for the second armrest. Make sure that the armrests are firmly secured.



Push handles / push bar height:

Always use the available adjustment holes on the push handle. Never exceed the maximum height adjustment. The push handles and push bar are connected and can be adjusted in 7 different height positions:

1. Loosen both star knobs on the handle supports and remove them.
2. Adjust the height of both push handles simultaneously by sliding them up/down in the supports. Make sure that the holes on the inner/outer tube align.
3. Insert the two star knobs in the supports and the adjustment holes.
4. Turn the star knobs clockwise until they are finger-tight.
5. Make sure that the push handles are firmly secured.



Never exceed the maximum height adjustment. The push handles and push bar are connected and can be adjusted in 7 different height positions.

USER GUIDELINES - LEGREST / TIP CAP

Leg rest angle:

1. Loosen the lever at the rotation point.
2. Adjust the angle of the leg rest by lifting/lowering the footplates (between 100° - 190°).
3. Retighten the lever firmly by hand.
4. Repeat this for the second leg rest. Make sure that both leg rests are firmly secured.



lever

**MAKE SURE THAT
THE LEG RESTS ARE
FIRMLY SECURED**



spring button



tip cap tube

Tip cap height:

1. Press and hold the spring button.
2. Slide the tip cap tube in/out of the frame tube.
3. Release the spring button.
4. Repeat this for the second tip cap. Make sure that both tip caps are firmly secured.

**MAKE SURE THAT
BOTH TIP CAPS ARE
FIRMLY SECURED**

USER GUIDELINES - RIDING

Riding:

Depending on your medical condition and type of wheelchair, you can ride the wheelchair yourself or have it pushed by an attendant.

Risk of entrapment

1. Prevent your fingers from being caught by the wheel spokes.
2. Prevent getting your hands trapped on the hand rims when riding through small passages.
3. When driving with an attendant, keep your arms away from the wheels and keep your feet on the footplates.

Risk of injuries and damage

1. Do NOT drive on slopes, obstacles, steps or kerbs larger than the size described in the technical specifications.
2. Do not proceed with your wheelchair in traffic. Always stay on the pavement.
3. Do not operate the hand rims with wet hands.
4. Pay attention if the road has holes or gaps that may cause entrapment of the wheels.
5. Avoid stones and other objects that may block the wheels.
6. Always keep the swing range of the footrest in mind to prevent bystanders from being injured or objects from being damaged.
7. Before every usage, make sure that:
 - All adjustments are firmly secured.
 - The parking brakes are working properly.
 - The tires are in good condition

Riding with an attendant

1. Release the brakes or have them released by the attendant, while he/she is holding the wheelchair to prevent movement.
2. The attendant grasps the handgrips or push bar to push the wheelchair in the desired direction.
3. After stopping, apply the brakes while holding the wheelchair in place.

Riding on your own

1. Release the parking brakes one by one.
2. Move your hands to the highest position on both hand rims.
3. Lean forward and push/turn the hand rims forward until your arms are straight.
4. Swing your arms loosely back to the topside of the hand rims and repeat the push movement.
5. To stop: wait until the wheelchair stops and move forward/backward by operating the hand rims. Apply the parking brakes one by one.



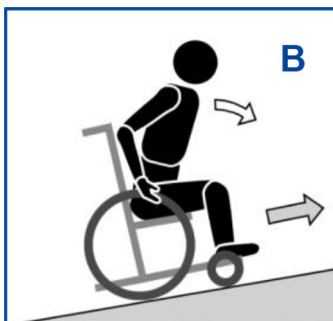
Do NOT drive on slopes, obstacles, steps or kerbs larger than the size described in the technical specifications.

USER GUIDELINES - RIDING

Riding on slopes

Risk of injuries

1. If the attendant has too little strength to control the wheelchair, stop riding and use the brakes immediately.
2. When you stop on a (small) slope, use your brakes, since the wheelchair may start moving unexpectedly.
3. Secure yourself in the wheelchair with a safety belt.
4. Ask an attendant or a bystander to help you.
5. Drive slowly and in a straight line. Lean slightly forward (A/B) when going up the slope. Lean backwards, against the backrest, when going down the slope.
6. **Never reverse on a slope.**



Using Stairs

Risk of injuries caused by tipping over

1. Stairs should always be negotiated with the help of two attendants.
2. Never try to use stairs that are not appropriate for wheelchairs. To use the stairs while sitting in your wheelchair, the following instructions should be followed:
 1. Remove the footrests.
 2. One attendant tips the wheelchair slightly backwards by the handles.
 3. The second attendant grabs the wheelchair at the front of the frame, on both sides of the wheelchair.
 4. Stay calm, avoid sudden movements and keep your arms inside the wheelchair.
 5. Both attendants lift and pull the wheelchair from step while the rear wheels roll over the steps.
 6. After using the stairs, mount the footrests back in place.



USER GUIDELINES - RIDING

Coping with obstacles

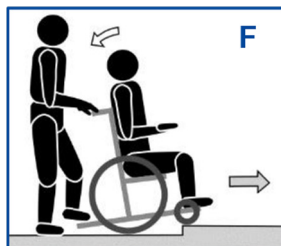
Risk of injuries caused by tipping over

1. Always ask assistance of one or two attendant (s).
2. Make sure that the footplates won't touch ground while taking an obstacle.
If necessary, remove the footrests.
3. Do not use your wheelchair on an escalator.
4. If available, wear your safety belt.

Small kerbs (up or down)

These can be taken forward (E / F) with one attendant:

1. The attendant moves the wheelchair forward approaching the kerb. Make sure the footplates won't touch the kerbs.
2. Lean backwards to reduce the pressure on the front wheels.
3. The attendant holds the handles firmly while moving forward. If necessary he uses the tip cap to keep the front wheels lifted until they have passed the kerb rim.
4. The attendant releases the pressure on the handles and tip cap to gently put the front wheels on the ground.
5. Next, he holds the handles firmly while pushing the wheelchair with the rear wheels up/down the kerb.



Medium kerbs (up or down)

These should be taken backwards with one attendant:

1. The attendant reverses the wheelchair so that rear wheels approach the kerb first (G / H).
2. Going down: Lean forward (G) to move your centre of gravity to the front.
Going up: Lean backward (H) to move your centre of gravity to the back.
3. The attendant pulls the wheelchair gently from/on the kerb.



15.

USER GUIDELINES - RIDING

Higher kerbs

Higher kerbs, but below maximum size, should be taken with help of two attendants.

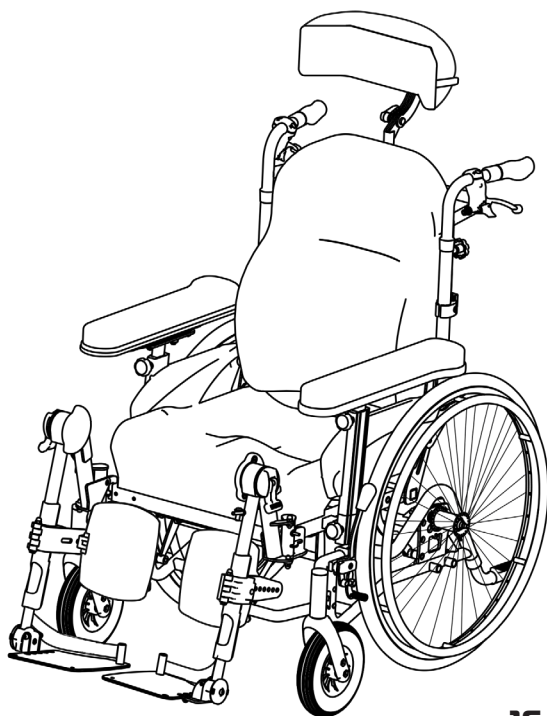
Going down:

1. Remove the footrests.
2. The attendant moves the wheelchair forward approaching the kerb.
3. Lean backwards to reduce the pressure on the front wheels.
4. The attendant holds the handles firmly and uses the tip cap to keep the front wheels lifted till they have passed the kerb rim.
5. The second attendant grabs the front of the frame and moves backwards while pulling the rear wheels down the kerb.
6. The first attendant releases the pressure on the handles and tip cap to put the front wheels on the ground.

Going up:

1. Remove the footrests.
2. The first attendant reverses the wheelchair so that rear wheels approach the kerb first.
3. Lean backward to move your centre of gravity to the back.
4. The second attendant grabs the front of the frame and moves forward while pulling/pushing the rear wheels on the kerb. The first attendant lifts and holds the handles firmly to prevent the wheelchair from tipping over.

Please coontact your supplier or
REDGUM Brand direct if you have
any questions.



MAINTENANCE

Your wheelchair requires minimum maintenance, but it is advisable to inspect the wheelchair regularly in order to drive trouble-free for years.

Points of maintenance

Repairs and replacements may only be undertaken by trained persons and only genuine replacement parts of Redgum Brand should be used.

The service frequency depends on the frequency and intensity of use. Contact your dealer to agree to a common timetable for inspection/maintenance/repair.

Before each use inspect the following points:

1. All parts: Present and undamaged or unworn.
2. Wheels, seat, leg rests, arm rests, foot rests, footplates and headrest (if applicable): Well secured.
3. Condition of wheels/tyres.
4. Condition of brakes.
5. Condition of frame: No deformation, instability, weakness or loose connections
6. Seat, backrest, arm pads, leg pads and head rest (if applied): No excessive wear (like dented spots, damage or tears).

Contact your specialist dealer for possible repairs or part replacements.

Yearly or more often

Have your wheelchair inspected and serviced by your specialist dealer, at least once a year, or more often. The minimum maintenance frequency depends on use and should therefore be commonly agreed on with your specialist dealer.

If stored

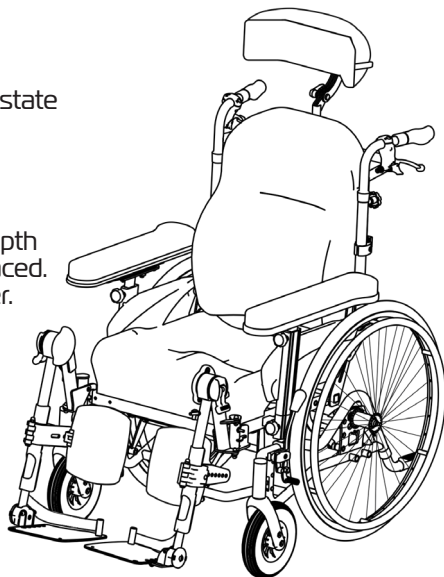
Make sure that your wheelchair is stored dry to prevent mould from growing and the upholstery from being damaged.

Instructions of maintenance

Wheels and tyres

Proper working of the brakes depends on the state of the tyres, that can change due to wear and contamination (water, oil, mud, ...).

1. Keep your wheels free of wires, hair, sand and carpet fibres.
2. Check the profile of the tyres. If the tread depth is less than 1 mm, the tyres need to be replaced. Contact your specialist dealer for this matter.



PRODUCT CARE - CLEANING

Cleaning

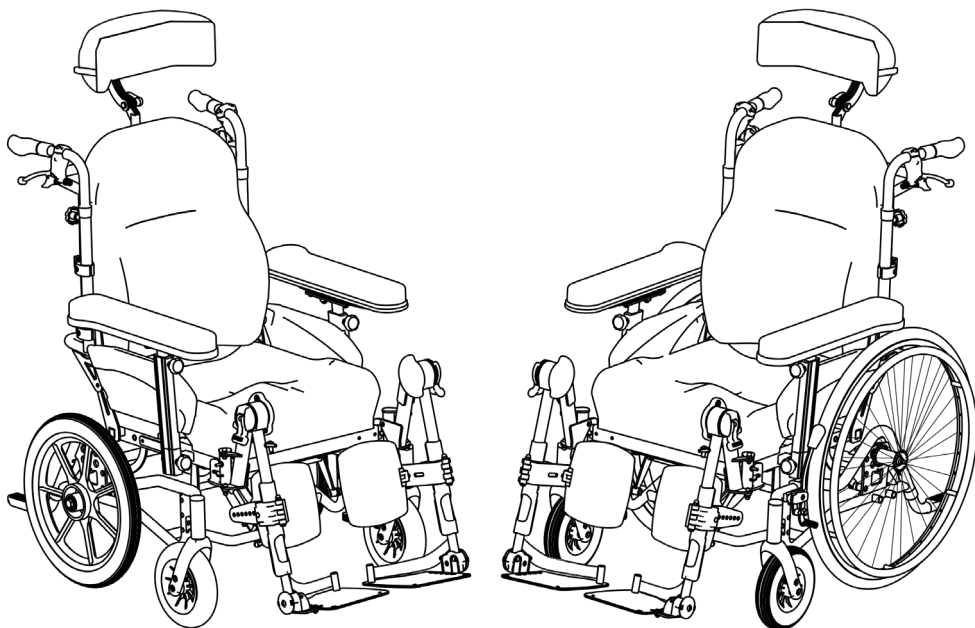
Never use a hose or high-pressure cleaner to clean the wheelchair.
Wipe all rigid parts of the wheelchair with a damp cloth (not drenched).
If necessary, use a mild soap, suitable for varnishes and synthetics.
The upholstery can be cleaned with lukewarm water and a mild soap.

Do not use abrasive cleaning agents to clean.

Disinfection

Disinfections may only be undertaken by trained persons.
Consult your specialist dealer.

Please coontact your supplier or
REDGUM Brand direct if you have
any questions.



WARRANTY

REDGUM Brand Onyx Wheelchair is covered by a 12 month warranty from the date of purchase.

During the guarantee period, if the company is satisfied there is a genuine fault, we will repair or replace the product at our earliest convenience. There may be freight charges if product needs to be returned to your place of purchase.

In order for this guarantee to be valid, you must:

- Be the original purchaser
- Provide a copy of the original invoice.
- Comply with manufacturer care and maintenance instructions.

If the product has any manufacturing faults during this period contact the place of purchase for assessment. Failures as a result of **ACCIDENTAL MISUSE, MODIFICATION OR WEAR AND TEAR ARE NOT COVERED BY THIS WARRANTY.**

Do not modify the Onyx Wheelchair in any way or fit any parts or accessories that are not specified as a option for the wheelchair. To do so will void your warranty and may seriously compromise your safety.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement part for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to major failure.

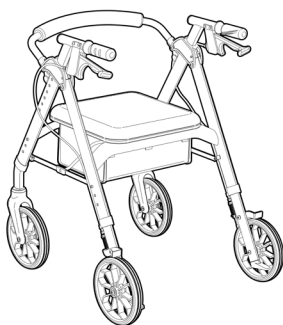
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REDGUM BRAND PRODUCT RANGE

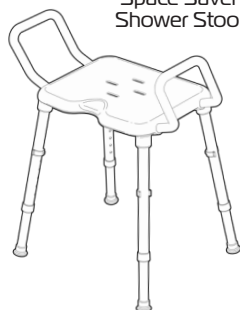
REDGUM Brand offer a comprehensive range of products including:

Seat Walkers

Primo 8
Seat Walker



Space Saver
Shower Stool



Walking Tutors

Walking Frames

Wheelchairs

Walking Sticks + Quads

Crutches

Reachers

Shower / Bathroom products

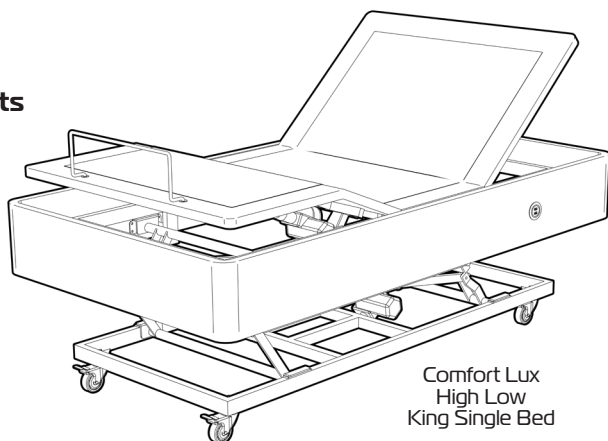
Toilet products

Cushions: Air / Foam

Electric Lift Chairs

Electric Beds

Portable / Fixed Aluminium Ramps



Comfort Lux
High Low
King Single Bed

Large range of spare parts for all REDGUM brand products

Contact your supplier or REDGUM Brand direct for further information:

T: +61 8 9248 4180

E: orders@for-de.com.au

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DISTRIBUTOR:

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