



WHEELCHAIR USER MANUAL



KR *Komfi-Rider*

Congratulations on the purchase of your new Sonic Wheelchair! The advanced design of the Sonic ensures many years of enhanced trouble-free mobility. Correct use improves your mobility and quality of life.

Your safety is important to us.

Please read this owner’s manual before using the wheelchair. Improper use of the wheelchair could result in harm or injury. Correct use improves your mobility and quality of life. This owner’s manual includes operation instructions for every aspect of the wheelchair.

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1.0 SAFETY GUIDELINES



WARNING! An authorized Provider or qualified technician must perform the initial setup of this wheelchair and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual to identify warnings and important information. It is very important for you to read them and understand them completely.



WARNING! Indicates a hazardous situation that could result in serious injury or death if it is not avoided.



CAUTION! Indicates a hazardous situation that could result in minor or slight injury if it is not avoided.



IMPORTANT! Indicates a hazardous situation that could result in damage to property if it is not avoided.



USEFUL TIP! Recommendations and information for efficient, trouble-free use.

Your wheelchair is a state-of-the-art life-enhancement device designed to increase mobility. We provide an extensive variety of products to best fit the individual needs of the user. Please be aware that the final selection and purchasing decision regarding the type of product to be used is the responsibility of the user who is capable of making such a decision and his/her health care professional (i.e., medical doctor, physical therapist, etc.).

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the wheelchair to the user and has assisted the prescribing health care professional and/or the authorized provider in the instruction process for the use of the product.

There are certain situations, including some medical conditions, where the user will need to practice operating the wheelchair in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a wheelchair user in various daily living activities.

As you begin using your wheelchair during daily activities you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control.

2.0 PRE-RIDE SAFETY CHECK

We recommend that you perform a safety check before each use to make sure your wheelchair operates smoothly and safely.

Perform the following inspections prior to using your wheelchair:

- Check the condition of the tyres. Make sure they are not damaged or excessively worn.
- Check all harness connections. Make sure they are secured properly.
- Check all brakes. Make sure they are in working order.

If you discover a problem, contact your authorized provider for assistance.



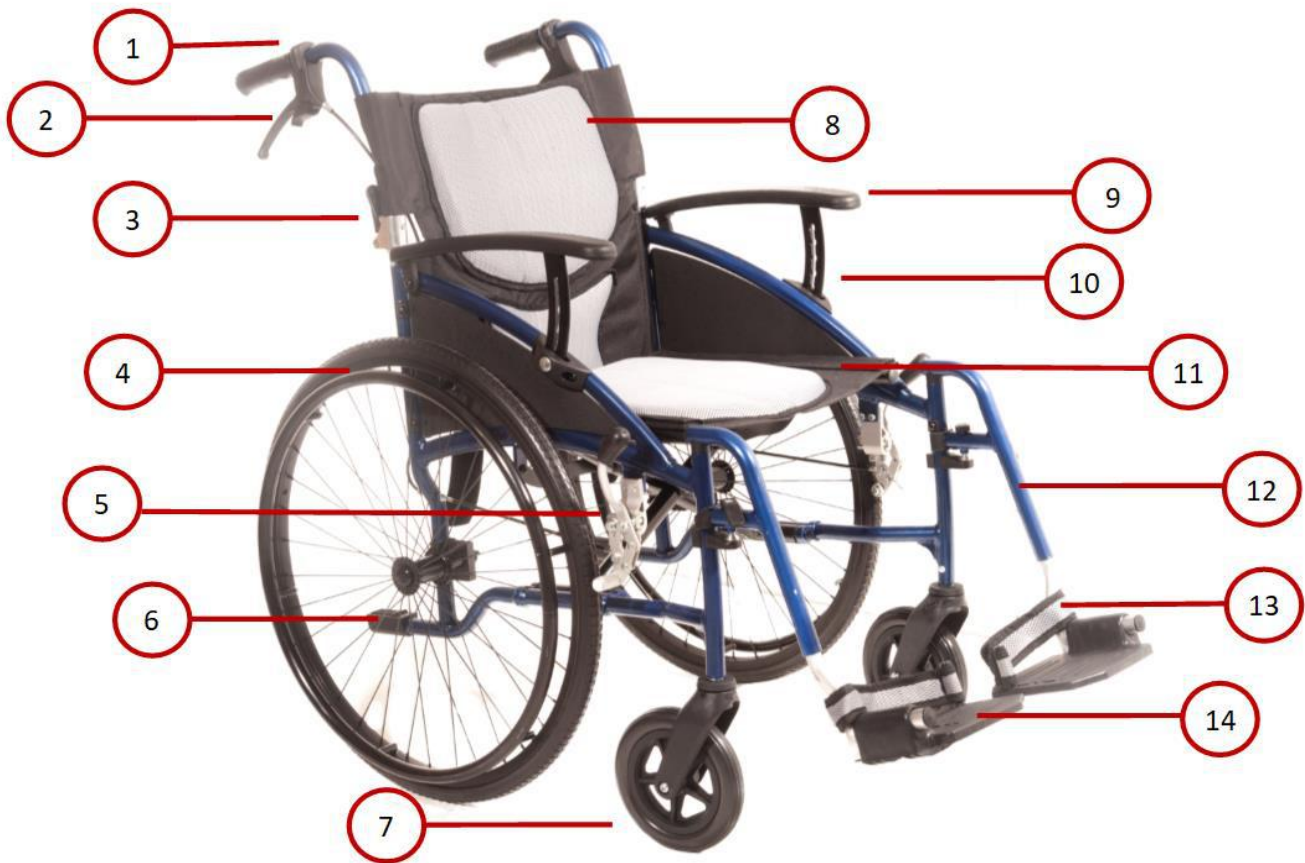
WARNING! Never exceed the maximum permissible load – see below.

3.0 SPECIFICATION

Model Reference	Sonic 18 Self Propel	Sonic 20 Self Propel	Sonic 18 Transit	Sonic 20 Transit
User Weight (Max)	20 st. (125kg)	20 st. (125kg)	20 st. (125kg)	20 st. (125kg)
Transport Weight	12 kg	12 kg	11 kg	11 kg
Total Weight	13.5 kg	13.5 kg	12 kg	12 kg
Seat Width	450 mm (18 in.)	500 mm (20 in.)	450 mm (18 in.)	500 mm (20 in.)
Seat Depth	420 mm (16.5 in.)	420 mm (16.5 in.)	420 mm (16.5 in.)	420 mm (16.5 in.)
Seat Height	520 mm (20.5 in.)	520 mm (20.5 in.)	520 mm (20.5 in.)	520 mm (20.5 in.)
Back Height	410 mm (16 in.)	410 mm (16 in.)	410 mm (16 in.)	410 mm (16 in.)
Handle Height	950 mm (37.5 in.)	950 mm (37.5 in.)	950 mm (37.5 in.)	950 mm (37.5 in.)
Arm Height	Adjustable	Adjustable	Adjustable	Adjustable
Footrest Height	Adjustable	Adjustable	Adjustable	Adjustable
Overall Width	610 mm (24 in.)	660 mm (26 in.)	610 mm (24 in.)	660 mm (26 in.)
Overall Height	950 mm (37.5 in.)	950 mm (37.5 in.)	950 mm (37.5 in.)	950 mm (37.5 in.)
Overall Length	1080 mm (42.5 in.)	1080 mm (42.5 in.)	1080 mm (42.5 in.)	1080 mm (42.5 in.)
Folded Width	300 mm (12 in.)	380 mm (15 in.)	300 mm (12 in.)	380 mm (15 in.)
Folded Height	740 mm (29 in.)	740 mm (29 in.)	740 mm (29 in.)	740 mm (29 in.)
Front Tyre-Puncture Proof	180 mm (7 in.)	180 mm (7 in.)	180 mm (7 in.)	180 mm (7 in.)
Rear Tyre-Puncture Proof	600 mm (24 in.)	600 mm (24 in.)	300 mm (12 in.)	300 mm (12 in.)
Swing-Away Footrests	Yes	Yes	Yes	Yes
Attendant Hand Brake	Yes	Yes	Yes	Yes
Folding Backrest	Yes	Yes	Yes	Yes

REMARK: One Rehab reserves the right to modify the specification if necessary. The final specification is subject to the individual wheelchair you purchase from your dealer.

4.0 COMPONENTS OF THE WHEELCHAIR



- | | |
|---------------------------|------------------------|
| 1. Push Handle | 8. Folding Backrest |
| 2. Attendant Handle Brake | 9. Armpad |
| 3. Folding Backrest Lever | 10. Adjustable Armrest |
| 4. Rear Wheel | 11. Seat |
| 5. Wheel Hand Brake | 12. Footrest |
| 6. Foot Tipper | 13. Heel Strap |
| 7. Front Wheel | 14. Footplate |

Your wheelchair is equipped with a number of elements and parts. You should know these before using the scooter. Designs and specifications may change without prior notice.

5.0 GENERAL SAFETY – WARNINGS FOR SAFE USE



WARNING! Disobey the instructions which are described in this manual may result in damage to the wheelchair or body injuries to the user;



WARNING! Avoid using your wheelchair on roads;



WARNING! Do not use your wheelchair on sand, rough terrain or wet and slippery surfaces;



WARNING! Do not use the wheelchair if it is broken or is not functioning correctly;



WARNING! This wheelchair is not suitable for use as a seat in a motor vehicle. The wheelchair could fail in a vehicle impact, leading to injury of the wheelchair occupant or others;



WARNING! Before leaning or reaching forward, always push your bottom to the back of the chair and face the castors forwards;



WARNING! Before leaning forwards place yourself against the backrest and make sure that the front wheels are facing forward;



WARNING! Never connect anything to the wheels, this may cause damage to the wheelchair and effects the balance of the wheelchair and may injure the user;



WARNING! Always engage the brakes when you are in or on a lift and when you want to get off;



WARNING! Never exceed the maximum permissible load – see 3.0 Specifications and never use the wheelchair to transport more than one person;



WARNING! For suitable protection of potential obstruction the footrests should be a minimum of 7cm clear of the ground;



WARNING! Never stand on the footrests, this will cause the wheelchair to tip over and injure the user (Fig 5.0.1);



Fig 5.0.1



WARNING! Always place the wheelchair on a stable, flat surface and engage the Wheel Hand Brakes before transferring to or from the wheelchair;



WARNING! Unauthorized modification and or use of parts not supplied by One Rehab will invalidate the warranty of this wheelchair and may lead to injury to the user and or damage to the wheelchair.

6.0 OPERATION – OPERATING YOUR WHEELCHAIR

- You will have to learn the characteristics of your wheelchair. It is most important to learn the safest methods to develop the daily activities in accordance to your life style. Consult your medical advisor or therapist for assistance by developing safe and effective techniques for your daily activities and your physical possibilities.
- Daily operations such as getting off the wheelchair, reaching and bending in the wheelchair will cause a change of weight distribution and a change in the in the center of gravity of you and your wheelchair.

6.1 TRANSFERRING – GETTING OUT OF WHEELCHAIR

- Transferring in a wheelchair is a difficult manoeuvre. Consult your physical therapist for assistance in developing your individual technique. The possibilities you have for making a transfer are depending on your physical characteristics. We advise you to discuss this first with your physical therapist. However if you have sufficient body strength and you want to transfer to and from the wheelchair you will best do this in the following manner:
 1. First of all you must make sure that your wheelchair stands as closely as possible to the place of where you wish to transfer to.
 2. Put the castors forward and engage the wheel hand brakes. Swing away the footplates and place your feet on the ground.
 3. You are now in position to carry out the operation. Shift your weight to the front of the chair, you can use the armrests as a support and move yourself to the place where you wish to transfer to. If necessary you can use a transfer board.

6.2 TRANSFERRING – GETTING INTO THE WHEELCHAIR

1. To get into your wheelchair you need to do the same things as when you want to get out of the wheelchair, only in the reversed order.



CAUTION! Reaching: We strongly recommend that you seek the help of an attendant to pick something up for you.



WARNING! Always use the Wheel Hand Brake when transferring to and from the wheelchair.

6.3 CURBS AND PAVEMENTS

- When going up a curb the attendant can help you in two different ways, however we advised you to do it the first way.
 1. **METHOD ONE** for going up a pavement you and the attendant reach the pavement facing forward. The attendant must pull the push handles and place his foot on the foot tipper (Fig 6.3.1).



Fig 6.3.1

2. **METHOD TWO** for going up a pavement the attendant is already standing on the pavement and makes sure that the wheelchair is positioned with the rear wheels as close to the pavement as possible. The user of the wheelchair needs to lean backwards. This way the wheelchair will tip backwards and the attendant can pull the chair on the pavement. The attendant needs to make sure that the front wheels are on the pavement before he lets the wheelchair down.
- **GOING DOWN THE PAVEMENT:** The attendant should move the wheelchair forward to the curb. Then the user should lean back so the attendant can tilt the wheelchair to find a balance point. When the wheelchair is balanced the attendant can move the wheelchair slowly off the curb. When the wheelchair is off the pavement, the attendant can let the front wheels back onto the ground.



WARNING! Never drive into curbs

6.4 RAMPS AND SLOPES

- Before manouvering on a ramp or slope, inspect for risks such as holes or slippery and uneven surfaces.
- Before manouvering on a ramp or slope, make sure that there is adequate clearance from the ground to footrest (at least 7cm) to prevent footplate catching on the slope.



WARNING! Never carry any weight on the back of the wheelchair whilst ascending. This changes the balance and increases the chances of tipping backwards.

6.5 STAIRS

- Stairs are one of the largest obstacles for wheelchair users. However, with a little help from two attendants it is possible to climb up and down the stairs. Assessment of the weight that has to be moved should be undertaken by the attendants prior to this manoeuvre.
- To go upstairs you need to go up the stairs backwards. One attendant at the front and one attendant at the back. The attendant at the back holds the push handles and lets the wheelchair tip backwards until it is in balance. When the wheels are in balance the attendant at the front needs to hold the side frames. You are now in position to climb the stairs. The attendant on the front pushes the side frames up until they are above the first step and the attendant at the back makes the first step on the stairs. Repeat this technique until the last step of the stair. You can let the front castors down when the attendant at the front has taken the last step.
- To go downstairs, the wheelchair should be facing forwards. The rear attendant should tip the wheelchair until it balances. The front attendant should support the wheelchair by holding the side frames. The wheelchair should then be slowly guided down each step.



WARNING! Never lift the wheelchair by the push handles, armrests or footrests. Always hold a part of the main frame.

7.0 OPERATION – FOLDING & UNFOLDING

7.1 UNFOLDING WHEELCHAIR

- Make sure you stand next to the wheelchair.
- Hold both seat tubes and move them apart.
- Push both seat tubes downwards so that the wheelchair will unfold (Fig 7.1.1).



Fig 7.1.1

- Go to the front of the wheelchair and push the seat tubes in place of the side frame. Check that the seat tubes are directly on the side frame and if the seat upholstery is flat.
- Replace the footrests and fold down the footplates. Your wheelchair is now ready for use.

7.2 FOLDING WHEELCHAIR

- Fold away the footplates and remove the footrests.
- Stand next to the wheelchair.
- Place one hand at the front in the middle of the seat upholstery and one hand at the rear side in the middle of the seat upholstery. Pull the seat upholstery straight up (Fig 7.2.1).



Fig 7.2.1

7.3 FOLDING FOOTPLATE

- Go to the front of the wheelchair and hold the front of the footplate (Fig 7.3.1).
- Fold the footplate in the direction of the footrest (Fig 7.3.2).



Fig 7.3.1



Fig 7.3.2

7.4 FOLDING THE BACKREST

- The backrest is quick and easy to fold for storage and when transporting the wheelchair.
- Stand behind the wheelchair and squeeze the two black levers (Fig 7.4.1) together and at the same time fold down the backrest.
- The folding mechanism is now unlocked and you can fully fold down the backrest (Fig 7.4.2).
- To raise the backrest from the folded position, hold both handles and lift up together to lock.



Fig 7.4.1



Fig 7.4.2

8.0 OPERATION – DISASSEMBLY AND ASSEMBLY

8.1 REMOVING THE FOOTREST

- Stand in front of the wheelchair.
- Pull the control lever upwards (Fig 8.1.1). You can now swing the footrest inwards or outwards.
- Swing the footrests 90 degrees away to the outside of your wheelchair and pull the complete footrest straight upwards off the brackets (Fig 8.1.2).



(Control Lever) Fig 8.1.1



Fig 8.1.2

8.2 FITTING THE FOOTREST

- Stand in front of the wheelchair.
- Place the footrest with an angle of 90 degrees back onto the wheelchair brackets (Fig 8.2.1) and push the footrest downwards.
- Swing away the footrest to the front until you hear a click. This click confirms that the footrest is locked in position.
- Check that the footrest is securely fixed.



Fig 8.2.1

8.3 REMOVING REAR WHEEL

- The rear wheel on the Self Propel model is removable by quick release.
- Press the quick release button shown in the middle of the wheel (Fig 8.3.1) and pull wheel out towards you.
- To replace simply reverse the procedure. Check the wheels are fully locked before using the wheelchair.
- Note the rear wheel on the Transit model (see specifications 3.0) is not quick release.



(Quick Release Button) Fig 8.3.1

9.0 OPERATION – COMFORT ADJUSTMENTS

9.1 ADJUSTING FOOTREST HEIGHT

- Remove the footrest from off the wheelchair.
- Loosen the allen key screw situated on the rear of the footrest tube (Fig 9.1.1) and adjust footrest to the desired height.
- Fully re-tighten the allen screw.
- Make sure the footplates are equal in length on both sides.

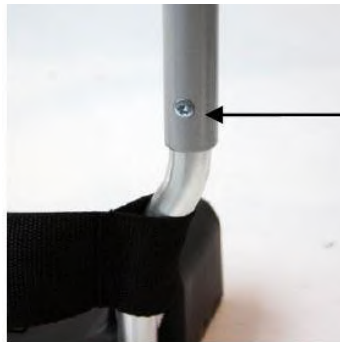


Fig 9.1.1

9.2 ARMREST ADJUSTMENT

- To adjust the armrest height, push the button as shown (Fig 9.2.1 / Fig 9.2.2).
- Lift up or push down the armrest to the desired height.
- Release the button to lock the armrest at the desired height.
- Check that the armrest is correctly locked by moving the armrest up or down, if locked it will not move.



Fig 9.2.1

(Armrest Height Adjustment Button)



Fig 9.2.2



WARNING! When driving the wheelchair place the armrest in the highest position.

10.0 OPERATION – USING THE BRAKES

- The brakes on the wheelchair can be operated by either the Attendant Handle Brake Lever or the Wheel Hand Brake Lever. Note the Wheel Hand Brake Lever should always be used for when transferring to and from the wheelchair.



WARNING! Always use the Wheel Hand Brake when transferring to and from the wheelchair, for when the lock is to be used for a long period of time, or for when the lock is to be used when wheelchair is on any slope/gradient.

10.1 USE OF WHEEL HAND BRAKE

- Always use this Wheel Hand Brake for when transferring to and from the wheelchair, for when the lock is to be used for a long period of time or for when the lock is to be used when wheelchair is on any slope/gradient.
- To lock the brake, hold the handle and push the lever forward towards the front of the wheelchair (Fig 10.1.1).
- When you hear a click, this confirms the brake has locked.
- To un-lock the brake, hold the handle and pull towards the rear of the wheelchair (Fig 10.1.2).



Fig 10.1.1



Fig 10.1.2

10.2 USE OF ATTENDANT HANDLE BRAKE

- The Attendant brake has been fitted to allow the wheelchair attendant to brake the wheelchair if required. If the brake is to be locked for longer periods of time or for when transferring to and from the wheelchair then the Wheel Hand brake should be used.
- To lock the brake, pull up the brake lever (Fig 10.2.1) and with your fore finger push down on the lock (Fig 10.2.2). Release the brake lever and it will remain in this locked position.
- To un-lock the brake, pull the brake lever upwards and the lock will disengage.



Fig 10.2.1



Fig 10.2.2

11.0 MAINTENANCE & DAILY CHECKING

- Protect your wheelchair by having it checked regularly. We strongly advise you to have your wheelchair check at least once a year by a qualified dealer, who will only use the correct spare parts. This periodic inspection will ensure you that the wheelchair will function perfectly for years. There are a lot of things you can do yourself to keep your wheelchair in optimum condition. If you regularly check the wheelchair and perform (small) maintenance, this will extend the lifetime and increase the ease of use.

11.1 TYRES AND WHEELS

- Examine tyres periodically for wear and replace them as needed.
- Make sure the wheels can move freely without touching anything.
- The front wheel and fork should move freely to ensure a smooth ride.

11.2 BRAKES

- Regularly check the brakes. If there are sharp rims on the brakes we advise you to replace them. Ensure that all the parts of the brake are in the right position and fastened securely.

11.3 CROSS FRAME

- Check that the cross frame of the wheelchair is in good condition. Make sure the wheelchair is easy to fold and un-fold.

11.4 UPHOLSTERY

- Check the textile for holes, cracks and worn spots.
- Check the upholstery-mounting grommets to make sure that they are all correctly aligned and secure.

11.5 CLEANING

- Clean the upholstery, chassis and plastic components on the wheelchair regularly with a mild soap and water. Never use abrasive cleaners, they can damage the varnish. Also never use steam or high pressure cleaners.
- Wax the varnish of the chassis regularly. Never use solvents, abrasive waxes, caustic chemicals or spray silicone.
- Dry your wheelchair after cleaning. Also dry your wheelchair after you have been using it in the rain.

i **USEFUL TIP!** Using car shampoo cleans, protects and gives a beautiful gloss to your wheelchair.

12.0 BASIC TROUBLESHOOTING

This table is only a guide to aid you in getting your wheelchair operating, should you have any problems. If you are unable to get your wheelchair operating, please contact your wheelchair dealer.

Symptom	Possible Cause and Correct Solution
Looseness in chair.	1. Check if all nuts and bolts are tight.
Squeaks and Rattles	1. Check if all nuts and bolts are tight.
Castor Flutter	1. Check if all nuts and bolts are tight. 2. Rear wheels or castors may be adjusted incorrectly. Make sure that both rear wheels and castor are mounted in identical positions. 3. Castor forks may be adjusted incorrectly. Make sure they are adjusted correctly.
Wheelchair is difficult to push/drive.	1. Check if the bearings are worn.
Sluggish Turning	1. Check if all nuts and bolts are tight. 2. Rear wheels or castors may be adjusted incorrectly. Make sure that both rear wheels and castor are mounted in identical positions. 3. Castor forks may be adjusted incorrectly. Make sure they are adjusted correctly.
Chair veers to the Left or Right.	1. Rear wheels or castors may be adjusted incorrectly. Make sure that both rear wheels and castor are mounted in identical positions. 2. Castor forks may be adjusted incorrectly. Make sure they are adjusted correctly.

13.0 WARRANTY

WARRANTY POLICY:

LIMITED WARRANTY. IMPORTANT NOTICE – TO ENSURE THIS WARRANTY IS VALIDATED IT HAS TO BE COMPLETED AND RETURNED TO ONE REHAB WITHIN 14 DAYS OF PURCHASE

13.1 TWO-YEAR LIMITED WARRANTY

Two years on structural frame components;

Structural Frame Components, including;

1. Main Frame.

13.2 ONE-YEAR LIMITED WARRANTY:

For one (1) year from the date of delivery, we will replace at our discretion to the original purchaser, free of charge, any part found upon examination by an authorized representative of One Rehab to be faulty.

1. Wheels.
2. Hand Brakes.
3. Arm Rests.
4. Front Forks.

13.3 WARRANTY EXCLUSIONS

1. Tyres (wear items are not warranted).
2. Upholstered components, seat and backrest (wear items are not warranted).
3. Plastic parts, footplates, coating and rubber parts (wear items are not warranted).
4. Brake Pads (wear items are not warranted).
5. Repairs and/or modifications made to any part of the wheelchair without specific and prior consent from **One Rehab**.
6. Circumstances beyond the control of **One Rehab**.

Exclusions also include components with damage caused by:

1. Contamination (rain, etc).
2. Abuse, misuse, accident, or negligence.
3. Commercial use, or use other than normal.
4. Improper operation, maintenance, or storage.

13.4 SERVICE CHECKS AND WARRANTY SERVICE

This warranty is extended only to the original purchaser. Your original receipt will be necessary as proof of purchase before any warranty performances are rendered.

This warranty only covers failures due to defects in materials or workmanship which occur during normal use and does not cover damage that occurs in shipment or failures which are caused by products not supplied by **One Rehab** or failures resulting from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, commercial use or by anyone other than an authorized dealer, or damage that is attributable to the acts of God.

The manufacturer reserves the right to alter without notice, any weights, measurements or other technical data shown in this manual. All figures, measurements and capacities shown in this manual are approximate and do not constitute specifications.

Important

This warranty is void if the original serial number tag is removed or altered. To validate the warranty this form must be filled online (where applicable) or posted to One Rehab (Unit 1, Fernwood Estate, Shillinglee Road, Chiddingfold, GU8 4SX within 14 days of purchasing the scooter.

13.5 NOTICES TO CONSUMER

There are no other express warranties. To the extent permitted by law, any implied warranty (including a warranty of merchantability or fitness for a particular purpose) is limited to:

1. One (1) year from the day of original delivery
2. Repair or replacement of the defective part only.

Manufacture: One Rehab Ltd

Sonic



KR Komfi-Rider