SHOPRIDER® mobility

AUSTRALIAN OWNED / OPERATED

LION TXR
POWERCHAIR

G424TXR



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INTRODUCTION

Congratulations on your purchase of the Shoprider® powerchair. This powerchair incorporates the latest innovative designs patented and are only available on a Shoprider® powerchair.

This powerchair can be used in confined spaces both indoors and outdoors. Direct drive transaxles and electromagnetic brakes give a safe and efficient ride. This Shoprider® powerchair is designed for persons with limited mobility.

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INTENDED USE

This product has limitations and should be used in accordance to these guidelines. Failure to follow these guidelines may result in damage to the product and/or injury to the user.

This equipment **MUST** be assembled and used by a competent person. It is the responsibility of the user to ensure the suitability of this product for its intended use. The user should consult their appropriate healthcare professional if they are unsure of the correct product usage for their unique circumstances.

IMPORTANT NOTE

If you are ever unsure about any aspect of the **LION TXR** powerchair, please do not use and contact your supplier for support.

FEATURES

- Mid-wheel drive for maximum maneuverability
- 6-wheel design for ultimate stability
- Full featured suspension system (Elastomer suspension)
- Programmable joystick controller
- Deluxe reclining captain seat (some units)
- Adjustable footplate and arm assemblies
- Flat-free tyres
- 8A off-board battery charger
- Power tilt seating (REAC™)
- High ground clearance with 14″ drive wheel



Please contact your supplier or SHOPRIDER® Mobility if you require any further information on the **LION TXR** powerchair.

SPECIFICATIONS Note: All dimensions shown are nominal

Base Dimensions: **1069mm (L) x 625mm (W)**

Ground Clearance: **69.9mm**

Obstacle Climbing: **40mm**

Max Slope: **6°**

Turning Diameter: **1163mm**

Max Range: **Up to 25km**

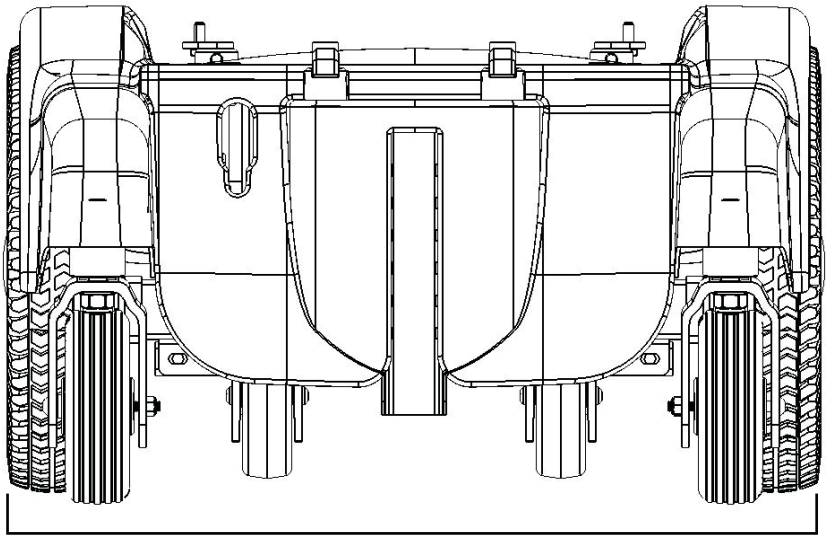
Batteries: **2 x 12v50Ah** (supplied)

Battery Weight: **17.7kg**

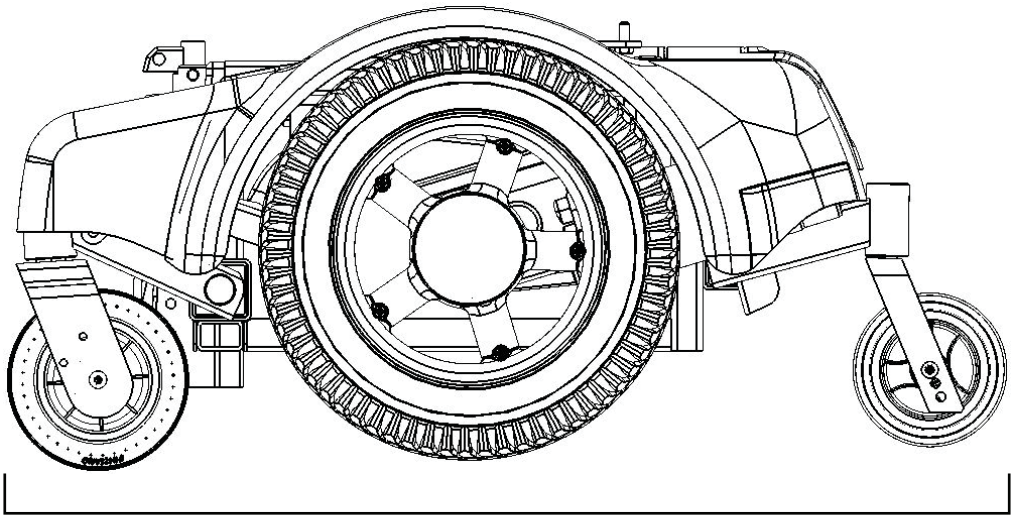
Maximum User Weight: **136kg**

Product Weight (without seat & batteries): **98.4kg**

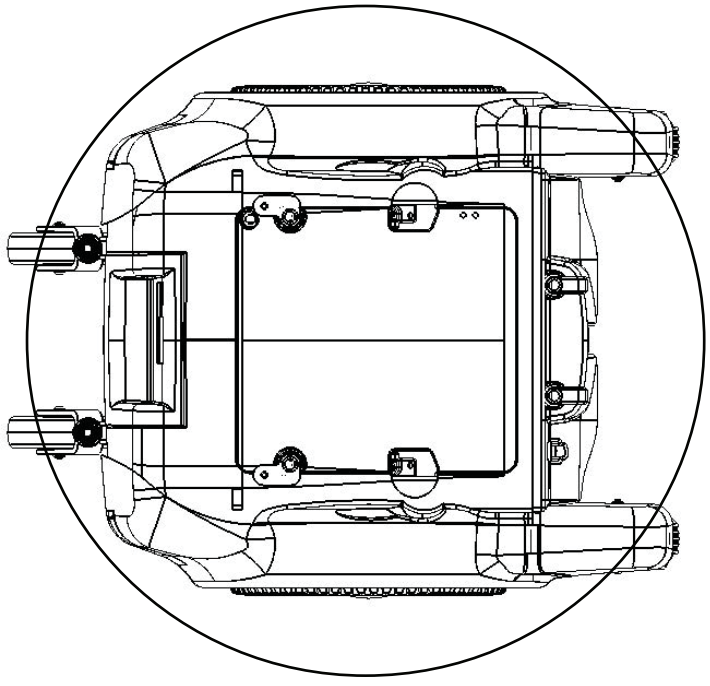
All specifications are subject to change without prior notice. Shoprider ® reserves the right to make any changes to the unit we deem necessary. All specifications and dimensions are approximate. Actual driving range and speed may vary due to factors such as weight, type and grade of terrain, battery condition and charge level, type and condition of the drive wheels, and variation in the drive and control systems



625mm



1069mm



1163mm

SAFETY ADVICE

Please read carefully **ALL** safety tips to help ensure your safety while using the powerchair. Being safe in a powerchair requires anticipating potential problems, using common sense, maintenance of equipment, and communicating with assistants.

Setup and Adjustments for Safety:
For maximum safety, a qualified technician must perform the initial setup and all adjustments of this powerchair. Incorrect settings could cause injury to the driver, powerchair, bystanders, or surrounding property. After the powerchair has been set-up/adjusted, check to make sure that the powerchair performs to the specifications entered during the set-up procedure. If the powerchair does not perform to specifications, re-enter set-up specifications. Repeat this procedure until the powerchair performs to specifications.

Operator Safety
There are many inherent dangers while operating a powerchair. Read carefully and observe all of the precautions below.

DANGER

Cell phones are a vital necessity for your safety, and should be used in case of an emergency to call for help and to notify loved ones. However, warnings about driving while talking on cell phones also apply to powerchair operation. In addition to the distraction safety issue, you also have possible electromagnetic interference (EMI) that can disrupt the control system (see the EMI section for more information). Do not use a cell phone, walkie/talkie, laptop, or other radio transmitter while operating your powerchair.
Lap belts are very important in a powerchair. Never operate your powerchair without first fastening the lap belt.

Powerchair is **crash rated** and can be used as an occupant seat when travelling in an approved wheelchair transport vehicle. Appropriate wheelchair restraints **must** be used if the wheelchair occupant is to remain in the wheelchair when being transported.

DO NOT transfer onto or from the powerchair unless the brakes are engaged and the controls are powered off.
DO NOT ride on streets, roads, or highways except for crossing walkways.
DO NOT attempt to move an occupied powerchair between floors using a stairway or escalator. Use an Elevator to move an occupied powerchair between floors.

SAFETY ADVICE (Continued)

WARNING:

DO NOT let children play on or operate your powerchair.
DO NOT operate the powerchair if the unit is in freewheel mode.
DO NOT use the joystick in an erratic manner when traveling up or down an incline.
DO NOT carry passengers or exceed the maximum weight limit.
DO NOT perform weight bearing exercises while in your powerchair. Your powerchair has **NOT** been designed or tested as a seat for any kind of weight training. Attempting to perform weight bearing exercises may exceed the weight limit of the powerchair will **void the warranty**, and may cause serious injury.
DO NOT turn off the joystick controller when the powerchair is in motion. This will activate the electromagnetic brakes and could cause damage to the joystick controller.
DO NOT drive over uneven and soft terrain (soft dirt, loose gravel, deep grass).
DO NOT attempt to mount a curb height greater than 1.5"(40mm).
DO NOT exceed any grade over 6º (10%)

ALWAYS stop fully before changing forward or reverse direction.
ALWAYS brake in an emergency by releasing the joystick.
ALWAYS use slow speed when going down gradients (move the joystick slowly toward center position to reduce the speed).

ALWAYS reduce your speed before turning sharply.
ALWAYS try to use a "dropped curb" or "curb cutout" whenever possible.
ALWAYS approach and climb over curbs at slow speed.
ALWAYS approach curbs and gradients at 90 degrees.

ALWAYS keep both feet on the footplate while driving.
ALWAYS make sure the batteries are fully charged before operating the powerchair.
ALWAYS charge the powerchair in a well-ventilated area.
ALWAYS power off the powerchair before performing non-weight bearing exercises. Failure to do so could result in injury.

ALWAYS check that the drive wheels are engaged and not in freewheel mode.
ALWAYS keep your powerchair maintained properly.
ALWAYS place the seat back in an upright position whenever negotiating an incline.

CAUTION:

NEVER try to use your powerchair beyond its limitations as described in this manual.

NEVER operate the powerchair in the rain: the electronics are not waterproof and you could lose traction on slippery surfaces.

Tips

- Powerchairs can be very quiet - make sure others are aware of your presence.
- Announce yourself at closed doors or blind corners to prevent a collision.
- Avoid tipping - **DO NOT** place heavy loads on the back of your powerchair.
- Avoid reaching out from the powerchair to pick up low objects.
- **DO NOT** lift the powerchair by its armrests.
- Keep loose items or lap covers away from the wheels.
- Wear brightly colored clothes when you are outdoors.
- Use optional headlights, reflector tape, and/or flashing taillights at night.

Transportation Safety

Before transporting the powerchair, switch off the joystick controller and lock the brake. A powerchair must be tightly secured to the floor of a transportation vehicle before departing. Use the securement points (if available) at the front and at the back of the powerchair as well as the anchoring points in the transportation vehicle. A trained and experienced driver must be present to perform the lifting and anchoring of the powerchair and ensure owner and powerchair safety.

DANGER

There are dangers present while using public or private transportation vehicles. Securement points are provided for unoccupied transport only, if available.

EMI WARNING

Shoprider® powerchairs may be susceptible to electromagnetic interference (EMI), which is a kind of interfering electromagnetic energy (EM) emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radio, and cellular phones. The interference (from radio wave sources) can cause the scooter to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the powerchair's control system. The sources of radiated EMI can be broadly classified into three types:

1. Hand-held portable transceivers (transmitters-receivers) with the antenna mounted directly on the transmitting unit. Examples include: citizens band (CB) radios, "walkie talkie", security, fire and police transceivers, cellular telephones, and other personal communication devices.

NOTE! Some mobile phones and similar devices transmit signals while they are ON, even when not being used.

2. Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances and taxis. These usually have the antenna mounted on the outside of the vehicle.
3. Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

NOTE! Other types of hand-held devices, such as cordless phones, laptop computers, AM/FM radios, TV sets, CD players, cassette players, and small appliances, such as electric shavers and hair dryers, so far as we know, are not likely to cause problems to the powerchair.

Powerchair Electromagnetic Interference (EMI)
Because EM energy rapidly becomes more intense as one moves closer to the transmitting antenna (source), the EM fields from hand-held radio sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of EM energy very close to the powerchair's control system while using these devices. This can affect powerchair movement and braking. Therefore, the warnings listed on the following page are recommended to prevent possible interference with the control system of the powerchair.

EMI WARNING (Continued)

WARNINGS

1. **DO NOT** operate hand-held transceivers (transmitters-receivers), such as citizens band (CB) radios, or turn **ON** personal communication devices, such as mobile phones, while the powerchair is turned **ON**.

2. Be aware of nearby transmitters, such as radio or TV stations, and try to avoid coming close to them.

3. If unintended movement or brake release occurs, turn the powerchair **OFF** as soon as it is safe.

4. Be aware that adding accessories or components, or modifying the powerchair may make it more susceptible to EMI.

NOTE! There is no easy way to evaluate the overall immunity of the scooter.

5. Report all incidents of unintended movement or braking to your dealer, and note whether there are sources of EMI nearby.

WARNING: The original manufacturer and the importer of the powerchair is not responsible for damage or injury incurred due to improper and unsafe use of our powerchair.

IMPORTANT NOTE

If you are ever unsure about any aspect of the **LION TXR** Powerchair, please do not use and contact your supplier for support.

GLOSSARY OF POWERCHAIR

Please become familiar with the **LION TXR** powerchair and the terms used when describing certain parts of the product:



IMPORTANT NOTE

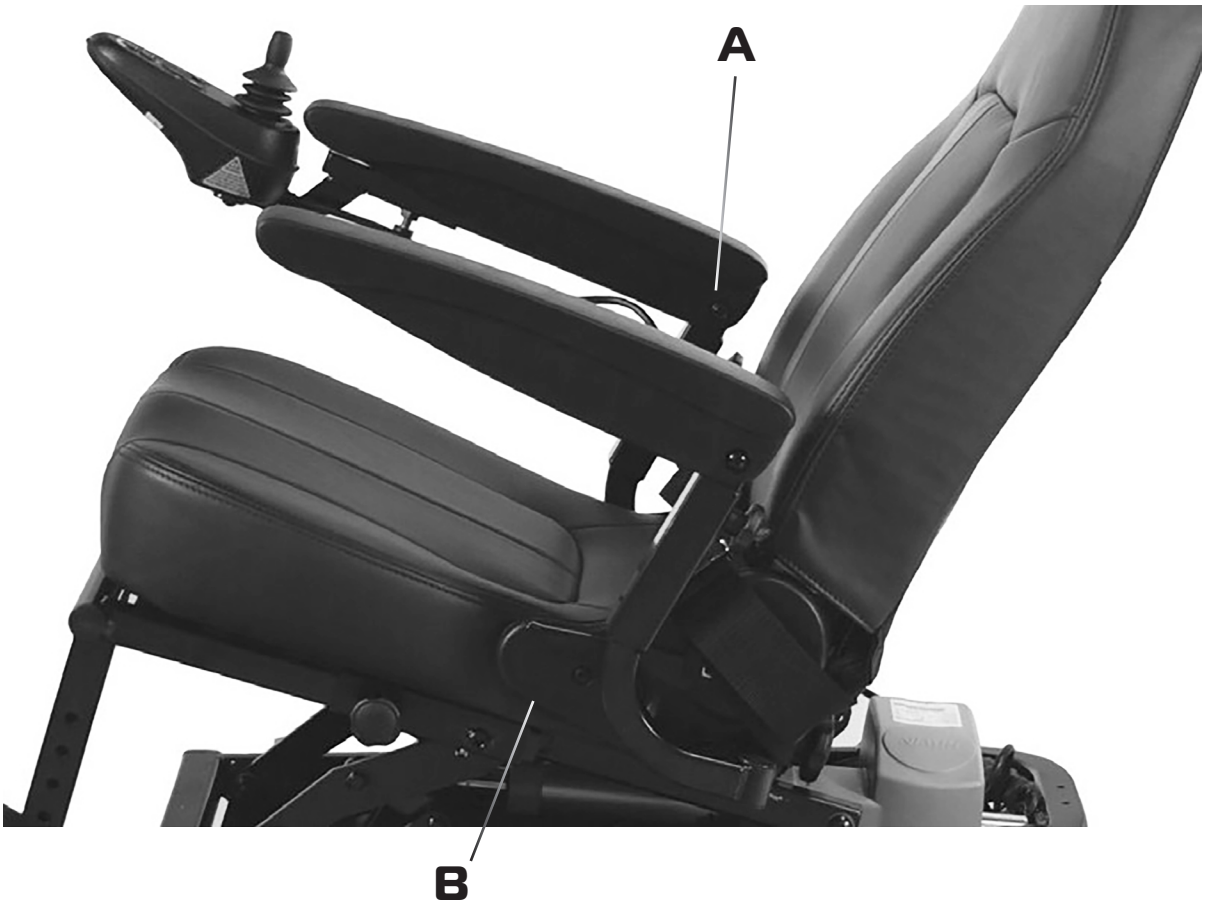
If you are ever unsure about any aspect of the **LION TXR** powerchair please do not use and contact your supplier for support.

Where possible get the supplier to set up the powerchair to suit the users requirements.

SEAT AND ARM ASSEMBLY

The powerchair seat is built for comfort, style, and stability. It comes equipped with a captain seat, which features a reclining back for comfort, flip-up armrests that provide easy side access for transferring onto and off of your **LION TXR**, and a durable long lasting black vinyl seat cover. These armrests also have a built-in height adjustment knob that can be used to adjust the arm pad to a comfortable level for the occupant (A).

The backrest can be adjusted from 95º to 120º.
This can be accomplished by pulling up on the backrest adjustment handle (B).



WARNING
The seat position fore/aft has been set for optimal stability from the factory. Modifying the seating position to a location other than has been set from the factory could reduce the stability of the powerchair, resulting in serious injury.

CAUTION
The seat height should be adjusted by an authorised Shoprider ® provider **only.**

ADJUSTABLE FOOTPLATE

The length and height of the footplate can be adjusted to maximize your comfort and stability. To adjust the height of the footplate, loosen and remove the bolt (C), adjust to height and replace. To adjust the length of the foot- plate, loosen the tightening knobs on both sides of the base (D), adjust the length, and tighten.



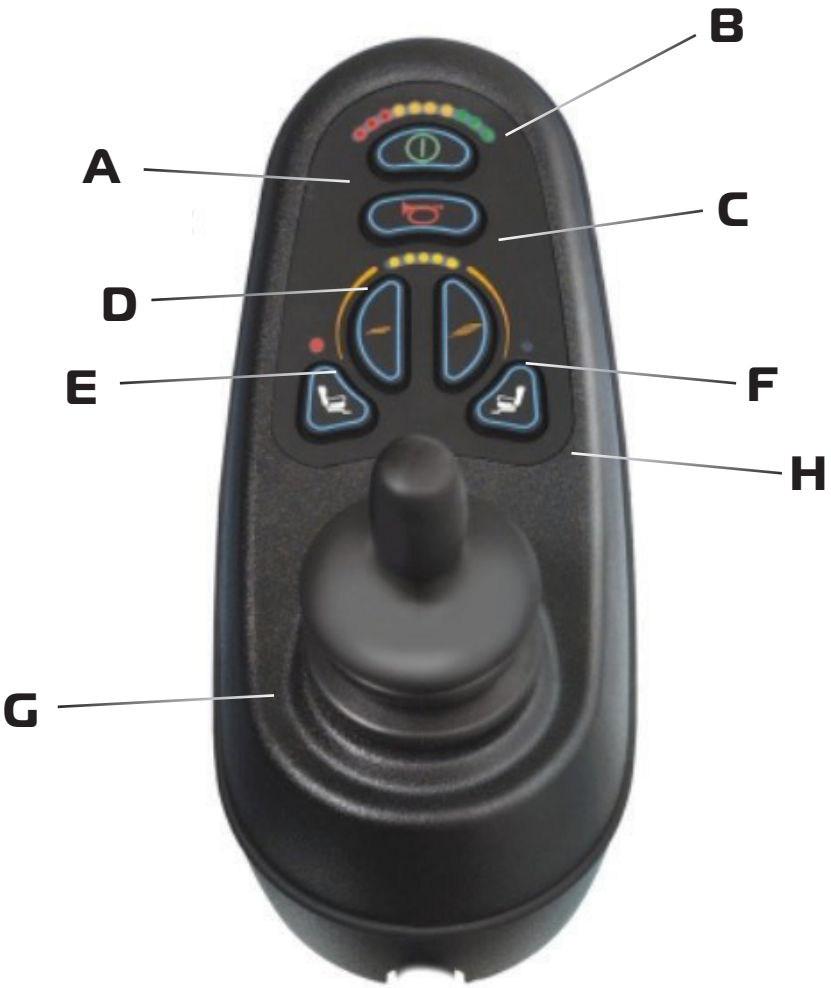


JOYSTICK CONTROLLER

The joystick controller provides smooth control of speed and direction with 360 degrees of mobility for ease of operation. The joystick is spring-loaded and automatically returns to the upright (neutral position) when released. Push the joystick in a given direction to move the powerchair in that direction. The joystick has proportional drive control – the farther it is pushed from the neutral position, the faster the powerchair moves. Maximum speed is limited by the speed adjustment buttons (increase and decrease). To slow the powerchair to a STOP, simply release the joystick.

CAUTION
When learning to drive, select a slow speed and try to drive the wheelchair as slowly as possible by pushing the joystick forward slightly.

The following is a quick review of the major functions
Turn the controller power button on.
Forward – push the joystick forward. **Reverse** – pull the joystick back.
Turn right – push the joystick to the right. **Turn left** – push the joystick to the left.
Stop – release the joystick.



JOYSTICK CONTROLLER (Continued)



On-Off Button: Use this button to turn the joystick controller on and off. Do not use this button to stop the powerchair, except in an emergency. (A)



Battery Gauge: This is a 10-segment display, located on the face of the controller. It indicates if the powerchair is switched on and provides the state of charge of the battery. It also indicates any faults in the powerchair electrical system. Refer to the fault codes for more details. (B)



Horn Button: Press this button to sound the warning horn. (C)



Maximum Speed Indicator: This is a 5-segment display that indicates the maximum speed setting selected. (D)

Speed Decrease Button: Press this button to decrease the maximum speed. (E)

Speed Increase Button: Press this button to increase the maximum speed. (F)

The joystick: Controls the speed and direction of the powerchair. Push the joystick in the direction you want to go. The farther you push the joystick from the neutral position, the faster the powerchair will travel. Releasing the joystick will automatically engage the brakes and stop the powerchair. (G)

Actuator Control: The **LION TXR** comes equipped with the seat tilt actuator - there is an option to add an additional leg raise actuator on the second button if required. Once the two actuators have been installed, an additional module can be attached to make the seat tilt and leg raise function simultaneously. (H)

Note: The controller can be fitted to suit either right-or left-handed users.
Please contact your provider for further assistance.

JOYSTICK CONTROLLER (Continued)

If only one Actuator is Installed on the powerchair:

1. With the controller powered on, press either actuator button to activate actuator adjustment mode.
2. The LED above each actuator button will light up.
3. Push the joystick forward or backward to adjust the actuator to the desired position.
4. Release the joystick to stop actuator adjustment.
5. Press either actuator button to return to drive mode.
6. The LED above each actuator button will go out.

Charging Port: Use this port to charge the powerchair battery. This is the primary charging port for the **LION TXR** and should only be used with a qualified **LION TXR** charger certified by the original manufacturer of the power wheelchair. **Do not** use this port as a power supply for any other electrical devices other than the optional USB charger available from Shoprider ®. Failure to follow these instructions will **void the warranty** of the powerchair.



Attention!

The powerchair controller may be programmed with a lock mode function to prevent unauthorized use. The locking method is achieved one of two ways, depending on the controller and programming.

To lock Powerchair controller:

1. While the controller is switched on, depress and hold the on/off button.
2. After 1 second the controller will bleep. Now release the on/off button.
3. Push the joystick forward until the controller bleeps.
4. Push the joystick in reverse until the controller bleeps.
5. Release the joystick, there will be a long bleep.
6. The Powerchair controller is now locked.

To unlock the Powerchair controller:

1. Use the on/off button to switch the controller on.
2. The maximum speed/profile indicator will be rippling up and down.
3. Push the joystick forward until the controller bleeps.
4. Push the joystick in reverse until the controller bleeps.
5. Release the joystick, there will be a long bleep.
6. The Powerchair is now unlocked.

Sleep Mode:

If the controller is left on and not used for more than ten minutes, the controller will automatically "go to sleep". This is recognized by a slow intermittent flash of the battery indicator lights. Simply turn the controller off and back on to reset.

FREEWHEEL OPERATION + CIRCUIT BREAKER

Drive/Freewheel Mode:
The drive/freewheel levers are found at the rear of the powerchair. These levers will allow you to disengage the electromagnetic brakes, and allow the unit to be maneuvered by pushing the chair.



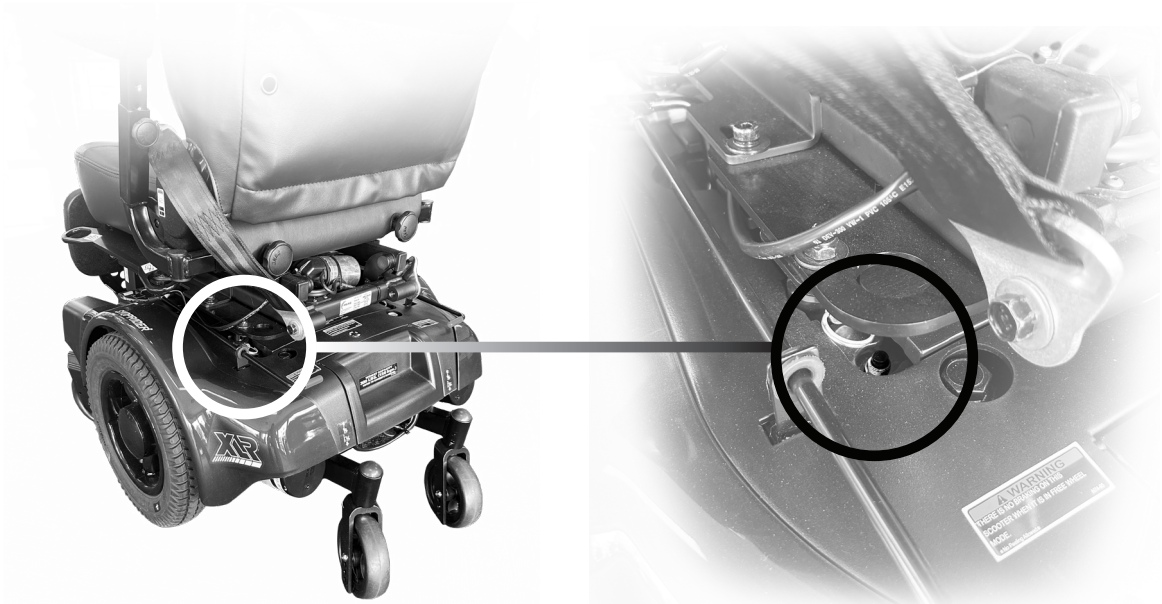
Drive

Freewheel

Make sure the controller is powered off. To place your powerchair into freewheel mode, pull both drive/freewheel drive levers outward. This will disengage the electromagnetic brakes. To return the powerchair to drive mode, push both levers inward. Press the on/off button to power on the controller. If the battery gauge is not flashing, proceed to drive your chair as normal. If the power chair does not move when the joystick is moved in any direction, then double check that the drive/freewheel levers have been engaged fully in the inward position.

Main Circuit Breaker
The main circuit breaker is a safety device that will trip to protect the motor and electronics when they are subjected to excessive loads. It is located at the top-rear (left side) of the unit and can be reset, should a trip occur.

If a circuit breaker trip occurs, allow the powerchair to rest for approximately 1 minute before depressing the circuit breaker button. Should frequent circuit breaker trips occur, please contact your Shoprider ® provider.



OPERATING THE POWERCHAIR

Preparing to use your powerchair:

CAUTION

The **LION TXR** is designed to assist with your individual mobility needs. Any usage outside of the guidelines in this manual may result in damage to the chair or injury to the user or third party.

First time use:

Before using your **LION TXR** powerchair for the first time, you must charge the batteries fully (refer to Battery Charging Instructions). It is recommended to charge your batteries for 12 hours. Charging the batteries completely prior to first time use will increase battery efficiency and battery life.

Before you operate your powerchair, check all systems.

WARNING

Proper training on safety, operation, and maintenance are essential and can potentially decrease the frequency of powerchair breakdowns and accidents.

Tips

- Inspect the **LION TXR**, making sure it is clean and ready for use.
- Keep loose items or lap covers away from the wheels.
- Turn off the joystick controller when you have finished using the powerchair and immediately charge the battery.

LION TXR powerchair Operation:

To safely handle the **LION TXR**, pay close attention to your surroundings. Scan ahead and look for the best path to take. Are there obstacles in the path or is it smooth and level? If there are obstacles, how will you avoid them? Now is the time to put into use all that you have learned from your provider training and this **LION TXR** User Manual. It is important to practice these safety techniques until you are comfortable in maneuvering around frequently encountered obstacles.

Recommended Driving Surfaces:
The **LION TXR** is intended to be operated on dry, level surfaces composed of concrete, asphalt, or blacktop. Care should be taken on soft gravel, or dirt, and wet grass, please refer to additional warnings under "Wet/Slippery Surfaces".

CAUTION
Before you begin to venture outside or away from your home, practice and master the safety procedures and techniques involved in safe operation of your powerchair. Have an experienced assistant help you before attempting to operate the powerchair alone.

CAUTION
Keep your arms on or inside the armrests and feet on the footplate at all times during operation. The handling and maneuverability characteristics of mid-wheel drive powerchairs are inherently different from rear- or front-wheel drive powerchairs. If you have used other types of powerchairs, handling and maneuverability differences will be most noticeable when traveling over rough terrain or when negotiating ramps and slopes. To determine and establish your particular safety limits, practice use of this product on various sloping surfaces in the presence of a qualified attendant before attempting active use of this powerchair.

WARNING
DO NOT use a cell phone, walkie/talkie, laptop, or other radio transmitter while operating your powerchair.

Using the Joystick Controller:
Note: For more information, see the descriptions in the Joystick Controller Options section.

CAUTION
When learning to drive, select a slow speed and try to drive the powerchair as slowly as possible by pushing the joystick forward only slightly.

Weight Limitations:
Your powerchair is rated for a maximum weight capacity. Please refer to the specifications table for this limit. Keep in mind that the maximum weight capacity includes the combined weight of the user and any accessories mounted to the powerchair.

WARNING
DO NOT carry passengers on your powerchair. Carrying passengers may affect the center of gravity, resulting in a tip over or fall.

Transferring Onto or Off the powerchair:

WARNING
Always fasten the lap belt when operating your powerchair; the lap belt is there for your safety and protection. Before you transfer onto or off the powerchair, engage the drive/freewheel levers in drive mode and power the joystick controller off. It can be dangerous if you bump into the joystick when the power is on.

When you are sitting or traveling in your wheelchair, always maintain your center of gravity. Use a positioning belt if there is one available. For maximum safety, practice your transfer onto and off of the wheelchair. All practice moves should be under the supervision of a trained assistant. **DO NOT** stand on the footplate. Ensure armrests and footplate have been moved out of the way before transferring onto or off the powerchair.

Ramps and Slopes:

WARNING
Always reduce your speed when driving down slopes to maintain stability and avoid hard braking. Move the joystick slowly toward the center position to reduce speed. If stopping is necessary, release the joystick and allow the powerchair to come to a full stop.

Ramps are designed for negotiating steps or other obstacles with a powerchair. Inspect the ramp periodically for wear and loose or damaged parts and repair or replace if necessary. Properly designed ramps will have "edge protection" along each side to prevent the powerchair from falling off the ramp. Make sure the ramp is secured in place and does **NOT** exceed any grade greater than 6º (10%). Approach a ramp or slope straight on – not at an angle.

WARNING
If your powerchair is equipped with a reclining seat-back, do not attempt to negotiate a steep grade with the back in a reclined position.

When driving down a ramp or slope, keep the chair's speed to the lowest setting to ensure controlled descent. If the powerchair starts to increase speed, release the joystick and the chair will slow down and stop. Then, push the joystick forward slightly to continue down the slope at a controlled speed.

DANGER
Shoprider ® Mobility recommends that you do not attempt to negotiate a slope greater than 6º (10%). Driving conditions may change quickly, and exceeding the maximum slope can place the powerchair in an unstable situation.

When climbing a ramp or incline, try to keep the powerchair moving. If you stop and start up again, you will lose momentum and it will be harder to start up again. Special care must be taken to avoid abrupt or sudden forward movement when you resume climbing a ramp or steep slope to avoid tipping the chair backwards.

CAUTION
Avoid sudden or erratic action with the joystick when traveling up or down an incline.

Curbs And Sidewalks:

CAUTION
DO NOT attempt to negotiate a curb with a height above 1.5"(40mm). When approaching a sidewalk, look for a curb cutout or a driveway.

Wet/Slippery Surfaces:

WARNING
NEVER operate the powerchair in the rain. It is **NOT** safe. Drive wheels lose traction on wet ground or grass. The joystick controller and other power wheelchair electronics are **NOT** waterproof.

Lawns are often watered and they can be very slick. Also, the water runoff from sprinklers can make sidewalks, driveways and streets wet and slippery.

Public Streets, Roadways & Crosswalks:

DANGER
A public street or roadway is a very dangerous place for a powerchair. Use special caution when crossing a busy street. Obey streetlights and proceed cautiously. Make sure traffic has stopped and that it is safe to proceed across the street.

Cornering Information:

Even with front and rear caster wheels, excessive speed when cornering can cause the powerchair to lose control and tip over. Reduce your speed and steering angle to lessen the sharpness of the turn.

Stairs and Escalators:

DANGER

NEVER use your powerchair to negotiate stairs or escalators.
DO NOT try to use escalators, because they pose a serious danger to a powerchair. If an elevator is available, you may safely enter and use it to reach upper or lower floors.

Powerchair Stability:

DO NOT operate the powerchair in any direction while leaning forward in the chair. If an object is to be picked up from the floor, the caster wheels must be positioned to support the chair. Drive past the object, and then reverse so that the front casters are in the forward position. This position will provide the powerchair with the greatest stability for this operation.
DO NOT lean out of the chair, because this will cause instability. Keep your arms on or inside the armrests and your feet on the footplate at all times.

Note: Proper use, handling, and maintenance of your powerchair are critical to your protection and to avoiding injury. Turn off the controller after you have finished using your powerchair and charge the battery.

Tilt System Usage:

The **LION TXR** may be equipped with an actuator driven Tilt System as prescribed by your Therapist or Physician. To activate the Tilt System, select the actuator mode on the controller. Once activated, move the joystick in the direction you wish you tilt (Standard setting is pull back to Tilt backwards, Push forward to return seating to an upright position).



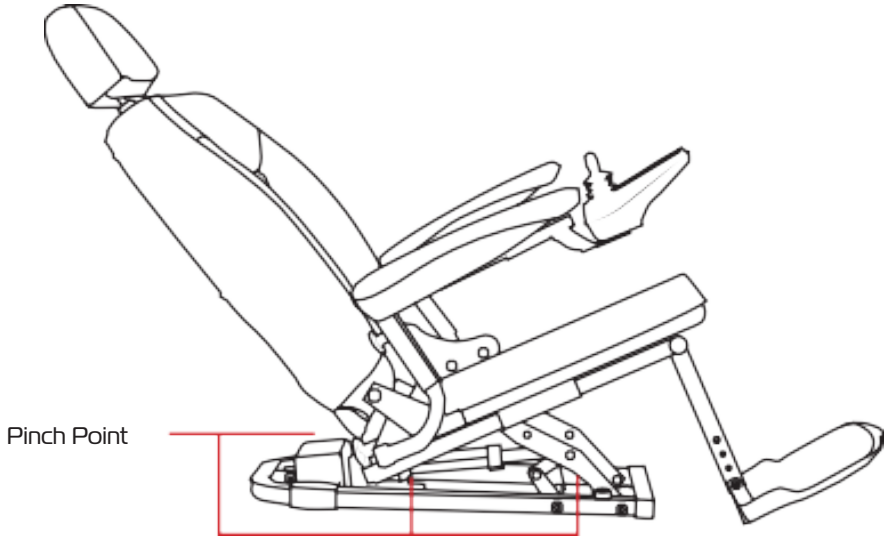
OPERATING THE POWERCHAIR (Continued)

There are two drive modes that will be engaged when the seat is tilted to given angles.

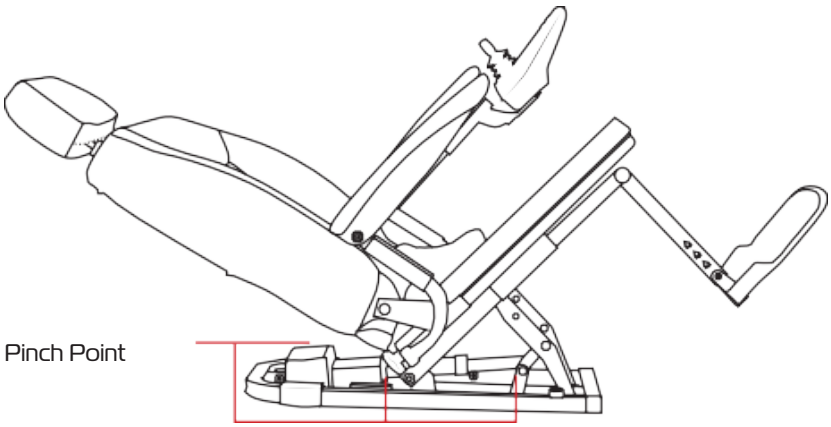
At an angle of 20º the unit speed will enter a reduced drive mode of 25% of the top speed. When titled to an angle of 25º or greater it will engage a drive lock out which will prevent driving altogether. When the Joystick is returned to Drive Mode, the Speed Indicator will flash to advise that the unit is in either Reduced Drive or Drive Lockout modes.

Note - Tilt and Inhibit angles may vary slightly due to manufacturing tolerances. Inhibit angles are fixed and cannot be modified.

Pinch points can cause minor to serious injury.
Be mindful of potential pinch points and use caution when using this product.



20º, Quarter Speed Reduction



25º or Greater, Drive Lock Out

INSPECTION / MAINTENANCE / SERVICING

Caring for the LION TXR powerchair:
There are some maintenance procedures that can be performed by the user, if he/she is able. These procedures include equipment inspection, cleaning, and servicing of the power wheelchair. All other maintenance and repair must be performed by a provider with a trained and certified technician.

CAUTION
Please follow the procedures and precautions in this manual carefully. Failure to adhere to these instructions can result in equipment damage or personal injury.

CAUTION
During all work on the powerchair and electrical system, make sure the circuit breaker is disconnected (disconnect at least one battery connector).

Inspection
Inspect the powerchair on a regular basis, see the Maintenance Chart for periodic inspection criteria. Regular inspection can spot problems before they can cause breakdown or other dangerous issues.

CAUTION
Use only parts and accessories authorized by Shoprider ® Mobility. Unapproved tires, batteries, and other equipment could make your wheelchair unstable or dangerous. Such use may also **void the warranty** on the powerchair.

Seat and Frame:
Inspect the seat, armrests, cushions, lap belt, and footplate. Inspect the lap belt carefully - it is there for your safety. Make sure it is not fraying or damaged and that it is attached securely to the powerchair frame. Inspect the buckle and make sure it locks secure.

Inspect the seat cushions for wear and replace them if necessary. Make sure that the seat is fastened securely to the frame. Look for missing fasteners or sharp edges on any seat hardware.

Check the footplate assembly and make sure there are no broken or missing parts. Make sure that your footplate is adjusted properly according to your requirements.

Wheels and Tyres:
The wheels and tyres should be checked periodically for cracks and wear and replaced if necessary. The condition of the tyres depends on how you drive and use your powerchair. Because your tyres are flat-free tires, there is no need to worry about tyre

air pressure. Make sure the wheels have no "sideplay," wobbling, or flutter when turning. Tighten loose wheel bolts and caster nuts on a regular basis.

Inspect caster assemblies for wear and proper tightness by spinning the wheel and observing for free movement or wobble of the wheel. Beware of caster flutter, side-to-side motion, which may occur at high speeds. If the casters flutter, replace them immediately.

It is recommended that the driving axles (inside the drive wheel assembly) and caster assemblies be checked and cleaned occasionally for debris buildup, which will hinder the performance of the unit.

Maintenance Chart:
Use the following chart for periodic recommended inspection and adjustments of hardware and electrical parts and systems:

Inspection Criteria	Initially	Inspect/ Adjust Monthly	Inspect/ Adjust Bi-Annually
Electrical Connections			
Make sure all electrical connections are secure	✓	✓	
Check limit switch position	✓		✓
Drive Lockout			
Make sure the Drive Lockout operates properly	✓		✓
Tilt Mechanism			
Make sure Tilt Mechanism operates properly	✓	✓	
Manual Recline Mechanism			
Make sure the Recline Mechanism operates smoothly/properly	✓	✓	
Clothing Guards			
Ensure all fasteners are secure (if available)	✓		✓
Arms			
Make sure the arms are secure but easy to release; make sure adjustment levers engage properly	✓		✓
Ensure height adjustment on arms operates and locks securely	✓		✓
Armrests			
Inspect for rips in upholstery	✓		✓
Make sure armrest pad sits flush against arm tube	✓		✓
Seat and Back Cushion			
Inspect for rips	✓		✓
Cleaning			
Clean cushions and armrests (see cleaning instructions p.21)	✓		✓

CLEANING

Plastic Shroud Cover:
Clean the plastic shroud with mild, soapy water monthly or whenever dust or dirt accumulates on the shroud.

Motors:
Clean around the motor area weekly with a slightly damp (not wet) cloth. Wipe off or blow away any dust or dirt on or around the motors. **Note:** You do not need to grease or oil the powerchair mechanisms.

Upholstery:
Hand wash seat upholstery and armrests as needed with a soft, damp cloth and mild detergent. Never use an abrasive cleanser or solvent-based cleaners, such as turpentine. Air dry only. Heat from a dryer may damage fabric.

Note: Washing the fabric may decrease the fire retardant properties.

Storage Tips:
If you do not plan on using your powerchair for an extended period, it is recommended that you fully charge the batteries and then disconnect the battery harness before storage.

Store your powerchair in a clean, dry area to prevent corrosion. Before using your powerchair, make sure it is in proper working order. Inspect and service all items in the "Maintenance Chart."

If you store the powerchair for more than 3 months, have it inspected by an authorized Shoprider ® provider before use.

CAUTION
Never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to charging.

Lubrication:
Most lubricated components on this powerchair are designed to be maintenance free and are sealed. Therefore, lubrication **IS NOT** required for these components outside of regular maintenance scheduling.

BATTERIES AND CHARGING

Before using your powerchair for the first-time, you must charge the batteries fully (refer to Battery Charging Instructions). Charging may take up to 12 hours. Charging the batteries completely prior to first time use will enhance battery efficiency and battery life.

Battery Type:
The **LION TXR** powerchair is designed to operate on two 12v50Ah gel or SLA batteries. The two 12-volt batteries are wired in series to create a 24-volt system. It is like having one large battery. Gel-cell batteries have many advantages over the wet-cell (automotive type) in that you never need to add water. They are sealed to avoid spills and corrosion problems. Using a sealed gel-type battery should allow you to travel on an airplane and other transportation without having to remove the batteries. Gel-cell deep-cycle batteries are designed to be discharged and recharged regularly.

CAUTION
Always replace the batteries with two identical batteries of the same chemistry, amp-hours, and capacity as a set and at the same time. The **LION TXR** is designed to accept 2x 12v50Ah batteries.

Battery Charging WARNING
Use only the charger that came with your **LION TXR**. Never use a battery charger made for car batteries.

Note: The **LION TXR** comes with an 8A charger only.

The average **LION TXR** user will need to charge the batteries after using approximately 30% of the battery capacity. For extended battery life, it is highly recommended that these guidelines be followed. Keeping the batteries charged extends the life of the batteries.

Note: You cannot overcharge the batteries.

Battery access:
To access the batteries on the **LION TXR**, start by removing the center mounted foot platform. Locate and remove the two 13mm bolts on the top back plate of the tilt mechanism. Fold the seat back down and extend the headrest to its max position. The entire seating from will lift forward towards the front of the unit. Remove the battery cover, then disconnect the wiring harness on each battery and undo the velcro straps holding the batteries in place.

Charger Safety CAUTION

Never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to charging.

Familiarize yourself with the safety information below before using the battery charger:

- Read the battery charger instructions in this manual and in the manual supplied with the charger prior to charging the batteries.
- **DO NOT** remove the grounding prong from the battery charger plug. Removal of the grounding prong could result in an electrical hazard.
- Plug the charger into a 3-pronged electrical outlet only, or an approved 3-pronged adapter for use with a 2-pronged electrical outlet.
- Make sure that the electrical outlet being used is not controlled by a wall switch that can be turned off easily.
- **DO NOT** use an extension cord to plug in the charger.
- Disconnect the charger from the powerchair when not charging the batteries.
- Use only the off-board charger supplied with this unit. Never use an automotive-type battery charger. Contact your supplier if a replacement off-board charger is needed.
- Inspect the battery charger, wiring, and connections for damage before each use.
- **DO NOT** open the battery charger case.
- The battery charger is supplied with cooling slots. **DO NOT** insert objects through the slots.
- Make sure that the charger is not in contact with flammable materials at any time.
- The off-board charger is for indoor use only.
- Explosive gases may be generated while charging the batteries. Keep the power wheelchair and battery charger away from sources of ignition, such as flames or sparks, and provide adequate ventilation when charging the batteries.
- Do not allow children to play near the powerchair while the batteries are charging.

- **DO NOT** charge the batteries while the powerchair is occupied.

Battery Charging Instructions:

1. Verify the charger is the 24vDC 8Ah charger supplied with the **LION TXR**.
2. Plug the charger into the electrical outlet; LEDs indicate when the charger is powered on.
3. Connect the charger to the charging port at the front of the controller.
4. Observe the LEDs on the front of the charger for the following indications.

- Charger Indicator Lights
- Blinking Green: Power on; charger in stand-by mode
- Steady Orange: Battery charging
- Steady Green: Charging complete

Please refer to the LED indicator descriptions for the charging status on the charger. Batteries that go below a minimum voltage, as a result of not being charged, will not be able to recharge.

Battery/Charging Troubleshooting

Charger Diagnostics:

If the charger indicator light goes to green within a few minutes after being plugged in and does not charge the batteries, then the batteries may be over-discharged and may require additional service or replacement. Contact your service provider for assistance.

If the charger indicator light goes immediately to green when plugged in to charge, the problem is likely a blown fuse, popped circuit breaker (push reset button), or similar malfunction. Contact your provider for assistance. If the charger does not come on at all when plugged in, check the charger fuse if applicable, then call your provider.

Controller Diagnostics:

In the unlikely event that the **LION TXR** powerchair begins to malfunction, the controller will display one of several error codes to help diagnose the problem. Please see the table on the following page for more information.

Note: If performing the applicable procedure from the table does not clear the corresponding fault, **DO NOT** continue use of the powerchair. Turn off the power to the joystick controller and consult your service provider immediately.

FAULT CODES

Battery Gauge	Possible Fault
10 Bar Flash	An excessive voltage has been applied to the control system. This is usually caused by a poor battery connection.
9 Bar Flash	The parking brakes have a bad connection. Check the parking brake and motor connections.
8 Bar Flash	A control system fault is indicated. Make sure all the connections are secure.
7 Bar Flash	A joystick fault is indicated. Make sure the joystick is in the centre position before switching on the control system.
6 Bar Flash	Battery charger connected.
5 Bar Flash	Right-hand motor wiring fault.
4 Bar Flash	Right-hand motor disconnected.
3 Bar Flash	Left-hand motor wiring fault.
2 Bar Flash	Left-hand motor disconnected.
1 Bar Flash	Low battery voltage.

WARRANTY

The SHOPRIDER® Australia **LION TXR (G424TXR)** is covered by the following warranty from the date of purchase:

The warranty terms and conditions noted below provide your SHOPRIDER® powerchair with excellent coverage against possible defective parts or possible faulty workmanship. If at anytime you have a warranty issue **YOU MUST** contact the selling SHOPRIDER® Mobility dealer, as they are required to undertake the diagnosis and labour content of the warranty. SHOPRIDER® Mobility will, as noted below, supply spare parts as required as part of this agreement.

Note: Warranty is not transferable.

STRUCTURAL FRAME: **10 YEARS**

(Main frame)

SHOPRIDER® Mobility warrants that the frame will be free from defects under normal use, for a period of ten (10) years from the date of purchase by the original customer.

DRIVE TRAIN ASSEMBLY: **18 MONTHS**

(Transaxle, Motor, Brake)

SHOPRIDER® Mobility warrants that the drive train assembly will be free from defects under normal use, for a period of eighteen (18) months from the date of purchase by the original customer.

OTHER PARTS: **12 MONTHS**

SHOPRIDER® warrants that the parts will be free from defects under normal use, for a period of twelve (12) months from the date of purchase by the original customer.

SHOPRIDER® will repair or replace, at our option free of charge any part found on examination by SHOPRIDER to be defective in material and or workmanship within the warranty period. All parts claimed under warranty must be returned to SHOPRIDER® Mobility in their present condition.

Only an **authorised** "Warranty Dealer" of SHOPRIDER® can undertake warranty work. Always contact your selling SHOPRIDER® dealer to arrange all work and assess if warranty applies.

WARRANTY (Continued)

Exclusions

- Normal wear items are not covered under warranty. These items include such items as brushes, tyres, tubes, brake pads, upholstery, seating and armrests.
- Damage caused by excessive, abusive, misuse, negligence, accident or water.
- Improper maintenance, maintenance carried out by a **non-approved** "Warranty Dealer".
- Improper operation and or storage.
- Any commercial use whatsoever.
- Where an authorised dealer has not lodged all required documentation at the appropriate time, **the warranty is void**.
- All warranties provided do not extend to purchasers of used or secondhand equipment.
- All transportation costs associated with the submission and return of the repair or replacement under warranty (as determined by SHOPRIDER®) are the responsibility of the original customer.

During the warranty period, if the company is satisfied there is a genuine fault, we will repair or replace the product at our earliest convenience.

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.

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.

DO NOT modify the scooter in any way or fit any parts or accessories that are not specified as an option for the product. To do so will **void your warranty** and may seriously **compromise your safety.**

If you have any issues or questions about the **LION TXR** powerchair warranty please contact your supplier or SHOPRIDER® direct.

DISCLAIMER

This powerchair is not intended to be used by individuals with physical limitations that could prevent the user from operating the powerchair safely. Shoprider® Australia disclaims all responsibility for any personal injury or property damage, which may occur as a result of improper or unsafe use of its products.

The preceding guidance is intended to assist you in the safe operation of this powerchair. If you should have any questions about the correct operation of the powerchair, please contact your authorised Shoprider® Australia dealer.

Please complete the information below for future reference:

Shoprider® Australia Selling Dealer: _____

Powerchair Model Number: _____

Powerchair Serial Number: _____

Date of Purchase: _____

ATTENTION: This owner's manual is printed based on the latest specifications and product information available at the time of publication. SHOPRIDER® Australia reserves the right to make changes as they become necessary. Any changes to the SHOPRIDER® Australia range may cause slight variations between the illustrations and explanations in this manual and the powerchair model that was purchased.

Where possible a newer version of this manual may be available on our website:
www.shoprider.com.au

If you have any issues or questions about the **LION TXR** powerchair please contact your supplier or SHOPRIDER® Australia direct:

T: **+61 8 9248 4180**

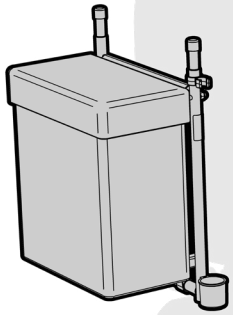
E: **Sales@Shoprider.com.au**

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

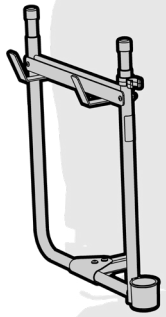
ACCESSORIES

SCOOTER XTRAS
MOBILITY SCOOTER / POWERCHAIR ACCESSORIES

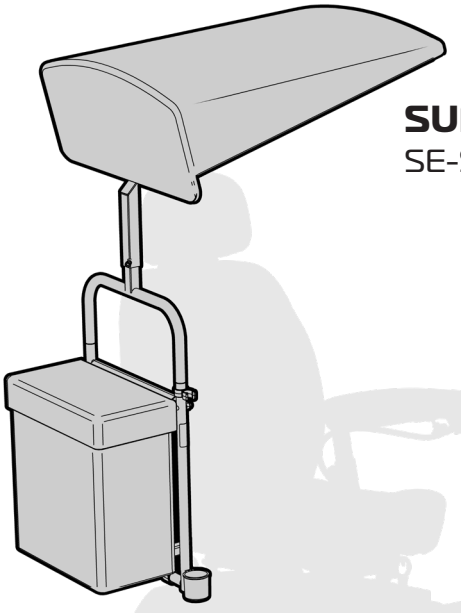
The Shoprider® Mobility LION TXR powerchair can be fitted with the following Scooter Xtras range of accessories:



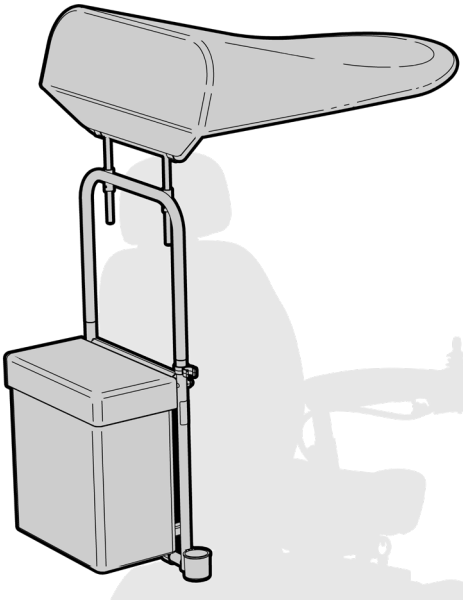
BAG CARRIER
SE-BC



SEAT WALKER CARRIER
SE-WWC



SUN CANOPY
SE-S



DELUXE SUN CANOPY
SE-SD

ACCESSORIES (Continued)

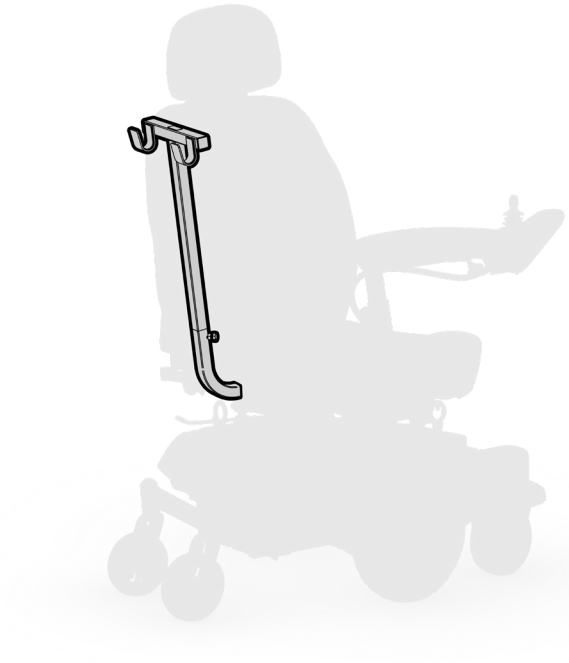
The Shoprider® Mobility LION TXR powerchair can be fitted with the following Scooter Xtras range of accessories:



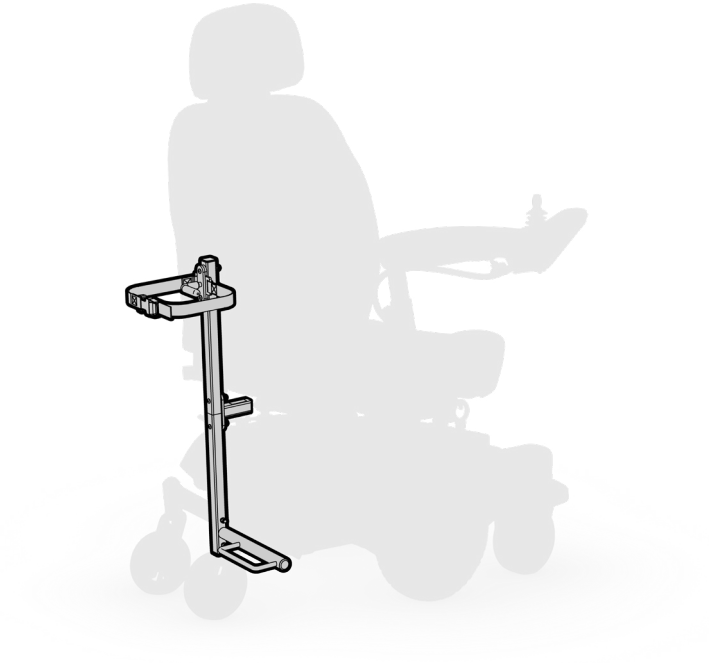
WALKING STICK CARRIER
SE-WSH



OXYGEN BOTTLE CARRIER
SE-OBC

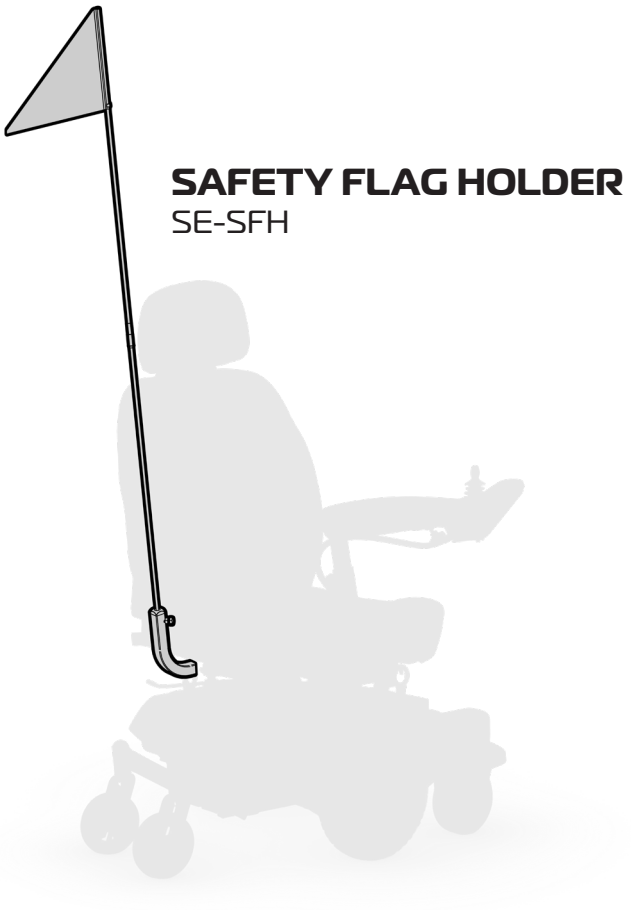


WALKING FRAME CARRIER
SE-WFC



SIDE FOLDING WALKER CARRIER
SE-SFWC

The Shoprider® Mobility LION TXR powerchair can be fitted with the following Scooter Xtras range of accessories:



SAFETY FLAG HOLDER
SE-SFH

Please contact your supplier or SHOPRIDER® Mobility direct if you require further information on any the Scooter Xtras accessories that suit the LION TXR powerchair.

Notes:

DISTRIBUTOR:

SHOPRIDER®
mobility

