
K2
Stairlift
Owner's
Manual
savaria

IMPORTANT – READ FIRST

Ensure that only an authorized Savaria mechanic installs and services your Lift. Under no circumstances is anyone other than a mechanic with Savaria training and authorization to install, adjust, service or modify any mechanical or electrical device on this equipment.

Failure to follow this warning can result in safety system compromises or defeat; this can result in serious injury or death. Savaria accepts no liability for property damage, warranty claims or personal injury, including death, in this circumstance.

Passenger safety is the result of countless details in the equipment design, manufacture, and installation. After installation, reliable operation and continual safe operation requires regular inspection and maintenance as outlined in this manual, or more frequently where usage, environment, or local jurisdiction requires. As the Owner, you are responsible for ensuring that regular inspections and maintenance occur in a timely manner as per the manufacturer's recommendations and maintenance schedule.

Refer to this owner's manual for unit description, setup, operating instructions, and a maintenance schedule for your Lift. Upon completion of installation, the Savaria mechanic must provide you with the information for the box below and ensure it is recorded in this owner's manual. In addition, either you or the Savaria mechanic must keep any service and/or maintenance records in the Maintenance Record section of this owner's manual.

At all times, your Lift must be maintained in compliance with the applicable standard to which it has been built and installed.

United States: A18.1–Safety Standard for Platform Lifts and Stairway Chairlift

Canada: CSA B355/613–Platform lifts and stair lifts for barrier-free access

Europe: EN-81-40–Stairlifts and inclined lifting platform intended for persons with impaired mobility

Europe: 2006/42/EC–Machinery Directive

Depending on your country or region, the local authority code variant may apply. To ensure safe operation of your Lift, pay careful attention to the important notes, and follow the instructions and any additional safety regulations in this manual.

FOR OWNER'S RECORDS

Customer Name: _____

Installing Dealer: _____

Dealer's Telephone Number: _____

Date Installed: _____

Serial/Job Number: _____

WARRANTY

Ensure your Savaria Dealer provides you with a copy of the manufacturer's limited parts warranty and documentation relating to any Dealer labour warranty.

CONTENTS

1. SAFETY INSTRUCTIONS 4
    To Ensure Safety 4
2. DESCRIPTION 5
    Exterior Views 5
    Seating Features 7
    Safety Features 7
        Seat Belt 7
        Footrest and Carriage Sensors 8
        Safety Switches 8
        Emergency Stop Button (Optional) 8
        Overspeed Brake 8
    Key Switch and Power Switch 8
3. SPECIFICATIONS 9
4. USING THE DEVICE 10
    Before Operation 10
    Operating the Stairlift 10
    Emergency Stop (Optional) 12
    Emergency Manual Operation 13
5. TROUBLESHOOTING 15
    Diagnostic LEDs 16
6. MAINTENANCE 17
    Maintenance Schedule 18
    Maintenance Record 23

1. SAFETY INSTRUCTIONS

To ensure safe operation of this unit, pay careful attention to the important notes below.

To Ensure Safety

- Read this manual carefully before using the equipment.
- To prevent accidents, adhere strictly to the instructions and keep clear of moving parts at all times.
- Follow instructions on all equipment labels at all times. Replace any damaged labels immediately.
- Ensure that only qualified personnel perform maintenance and service on the unit.
- When replacing parts, be sure that only genuine Savaria parts are used.
- This unit is intended for use by a mature person who understands its proper operation as set out in this manual.

⚠ WARNING

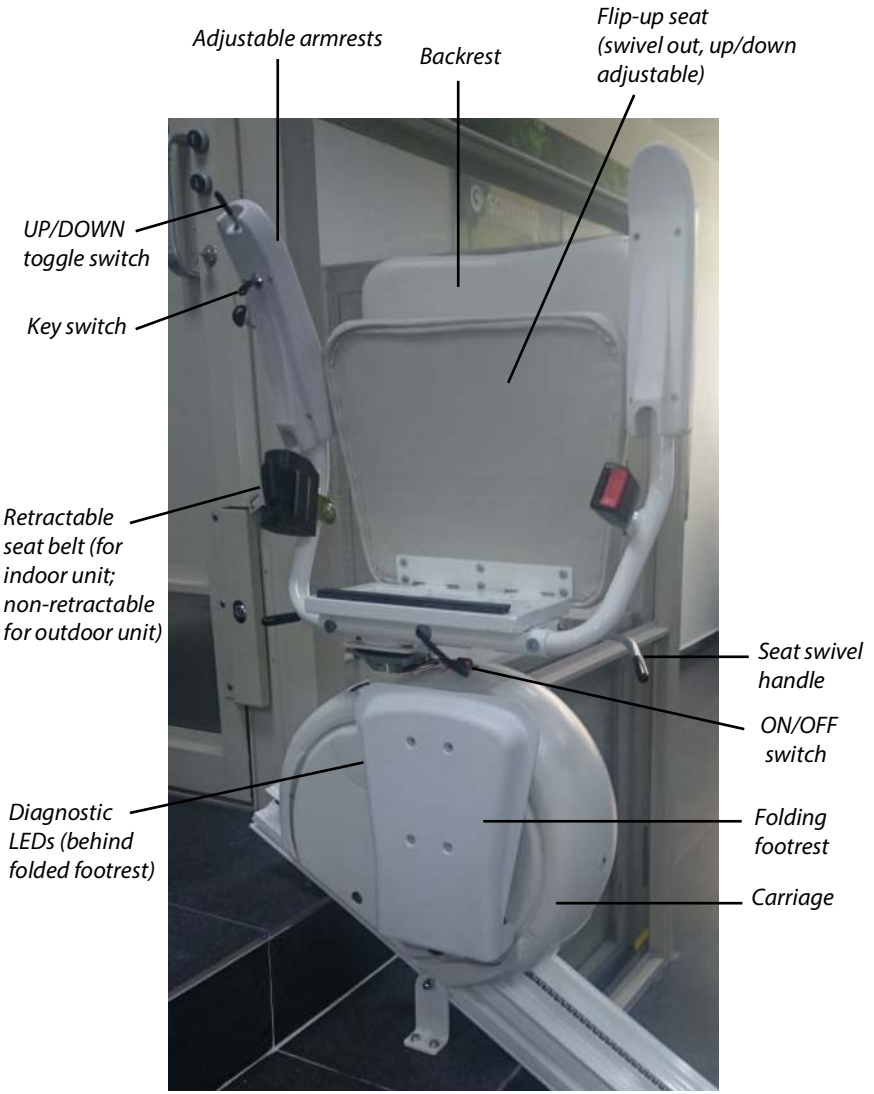
At no time should children under the age of 16 use the lift while unsupervised.

- This lift is to be used ONLY for the transport of a person up/down the stairway. Do NOT use the lift for any other purpose (such as the transport of items).
- Do NOT use the lift for firefighting purposes or for evacuation during a fire.
- Prior to operation, make sure that all areas in and around the lift are clear of any obstructions.
- Be very careful of others using the stairs while the lift is in operation as there is a potential risk of collision.
- Test your keys and emergency stop button (if equipped) every month.

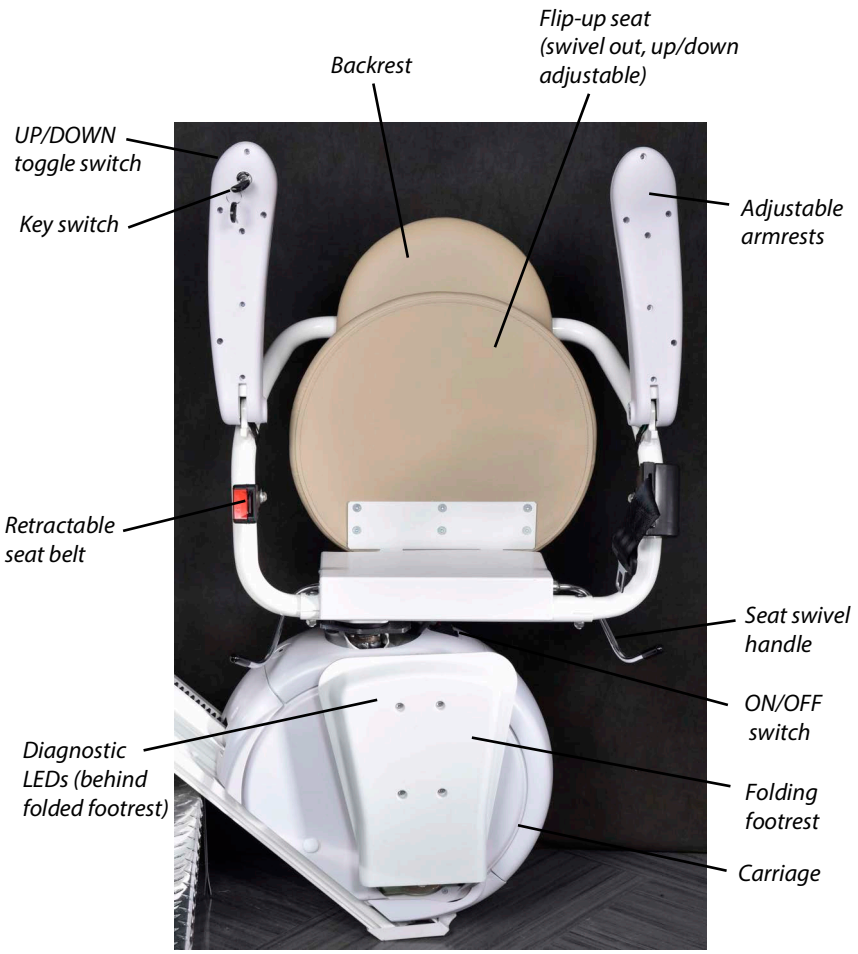
2. DESCRIPTION

Exterior View

Below shows the exterior components of the K2 Stairlift (with L-seat).



Below shows the exterior components of the K2 Stairlift (with V-seat).



Seating Features

The seat assembly swivels in one direction only for transfer in/out of the seat. **For your safety, do not swivel the seat until the unit has stopped.** If you have a manual swivel seat, lift up and hold the swivel handle to swivel the seat. Release the handle to lock the seat in place. If you have the optional powered swivel seat, continue holding the toggle switch once you have reached the landing to power swivel the seat. Release the switch to lock the seat in place. You can also use the up/down arrow buttons on the remote to swivel the seat.

When the stairlift is not in use, the seat, armrests, and footrest can be folded up to allow for more space on the stairway. If you have the optional powered footrest, when you lift up the arm that has the toggle switch on it, the footrest will fold up also.

Always use the seat belt to ensure that you are safely secured in the chair during travel.

Safety Features

Seat Belt

For an indoor unit, the seat belt is retractable. For an outdoor unit, the seat belt is non-retractable (see below). To adjust the non-retractable seat belt for the proper fit, use the buckles on either side of the seat belt fastener as needed.

Figure 2



WARNING

Always use the seat belt to ensure that you are safely secured in the chair during travel.

Footrest and Carriage Sensors

There are safety edge sensors on the sides of the footrest and the carriage, and an underpan sensor on the bottom of the footrest. These sensors will stop the stairlift if an obstruction is encountered on the stairway.

If you encounter an obstruction, press the opposite side of the toggle switch to run the stairlift in the opposite direction. Remove the obstacle from the pathway and proceed in the original direction of travel.

Safety Switches

There are upper and lower safety limit switches to stop the stairlift when it reaches the top or bottom of the stairway. There are also mechanical stops at the top and bottom of the rail to stop the lift from running off the rail.

There is also a safety switch for the swivel seat that will prevent the stairlift from running if the seat is not locked in the riding position.

Emergency Stop Button (Optional)

There may be an optional emergency stop button located on the left arm. Pressing this button will stop the unit immediately.

Overspeed Brake

The overspeed brake that will engage and stop the lift if the normal downward travel speed is exceeded.

Key Switch and Power Switch

The stairlift is equipped with a key switch and cannot be operated unless the key is inserted and turned a quarter turn clockwise to the on position. Once the key switch is turned on, flip the ON/OFF power switch (located on the top of the carriage) to the ON position.

NOTE

Do NOT turn off the power switch after each trip. Turning off the power switch stops the batteries from charging and this action will eventually drain the batteries.

3. SPECIFICATIONS

Applications	Residential, indoor, straight-run stairway
Load capacity	300 lb (136 kg) - when flip-up rail is used, when extended rail brackets are used or when staircase angle exceeds 45° 350 lb (159 kg) - up to a maximum staircase angle of 45°
Maximum travel	32 ft (9.75 m)
Travel speed	15 ft/min (0.08 m/s)
Daily cycle	Normal: 10 Heavy: 25 Excessive: 40 Maximum starts in 1 hour on standard installation: 5
Range of incline	30° to 55°
Temperature range	14° F to 104 °F (-10 °C to 40 °C)
Drive system	Rack and pinion
Operator controls	Constant-pressure type (rocker switch and remote control call/send units)
Seat belt	Retractable (indoor unit) Non-retractable (outdoor unit)
Motor	24 VDC, 1/3 HP, 2500 RPM
Fold-up width	L-seat: 10 3/4" (27.3 cm) V-seat: 12" (30 cm)
Fold-out width	L-seat: 20 1/2" (52 cm) V-seat: 22" (56 cm)
Rail	Aluminum extrusion
Charging	Charges on standard household power (110 VAC) Charge stations positioned at top and bottom of rail
Emergency operation	Full up and down travel on power interruption (full battery backup)
Options	Power folding rail Power swivel seat Power folding footrest Savaria Link remote monitoring
Warranty	36 months

4. USING THE DEVICE

Before Operation

1. Ensure the stairway is clear of any obstructions and the stairlift charger is plugged in at the wall.
2. Insert the key and turn it a quarter turn clockwise. Flip the ON/OFF power switch (located on the top of the carriage) to the ON position.
3. Check that the seat is locked in the riding position for up/down travel.

NOTE

If the chair has not been used for over an hour, press the remote button twice to wake it from sleep mode. If the chair has not been used for over 24 hours, run the chair from the arm toggle switch for a second to wake it from sleep mode. You can then use the remotes for normal operation.

Operating the Stairlift

1. If necessary, use the remote control to call the stairlift to the required end of the rail for boarding. Be sure to point the remote at the lift when pressing the button.
2. If you have the optional manual folding rail, manually fold down the rail at the bottom of the stairs.

   If you have the optional power folding rail, your remote will have two power-fold buttons on it. Press the "fold down" button on the remote control unit to fold down the rail at the bottom of the stairs.
3. If necessary, fold down the seat, armrests, and footrest. Note that if you have the optional powered footrest, raising/lowering the arm that has the toggle switch on it will raise/lower the footrest.
4. If you have a manual swivel seat, lift up the seat swivel handle, rotate the seat to a comfortable boarding position, and then release the swivel handle to lock the seat in place.

   If you have the optional powered swivel seat, use the up/down arrow buttons on the remote to swivel the seat to a comfortable boarding position. Note that you can also use the toggle switch on the arm to swivel the seat. Ensure the seat is locked in place before boarding.
5. Position yourself in the seat and fasten the seat belt.

6 If you have a manual swivel seat, lift up and hold the seat swivel handle and rotate the seat so you are parallel to the rail (with your back against the wall). Release the swivel handle to lock the seat in the riding position.

If you have the optional powered swivel seat, use the toggle switch on the arm to rotate the seat so you are parallel to the rail (with your back against the stairway wall). Release the toggle switch to lock the seat in the riding position. Note that you can also use the up/down arrow buttons on the remote to swivel the seat.

7 Place your feet securely on the footrest and your arms on the armrests.

8 Press and hold the toggle switch to move the stairlift in the desired direction.

If you have the optional powered swivel sat and the seat begins to swivel for any reason while traveling up/down the stairs, the unit will stop. Release the toggle switch and press it in the down direction to cause the seat to return to its proper riding position. You can then resume travel in the required direction.

9 The stairlift will stop automatically at the upper or lower end of the rail, or if the toggle switch is released.

10 When the stairlift has come to a complete stop, swivel the seat as required to exit the chair.

- If you have a manual swivel seat, lift up the seat swivel handle, rotate the seat to a comfortable exit position, and then release the swivel handle to lock the seat in place.
- If you have the optional powered swivel seat, use the toggle switch on the arm to rotate the seat to a comfortable exit position, and then release the toggle switch to lock the seat in place. Note that you can also use the up/down arrow buttons on the remote to swivel the seat.

11 When the seat is locked in place, unfasten the seat belt and get out of the chair.

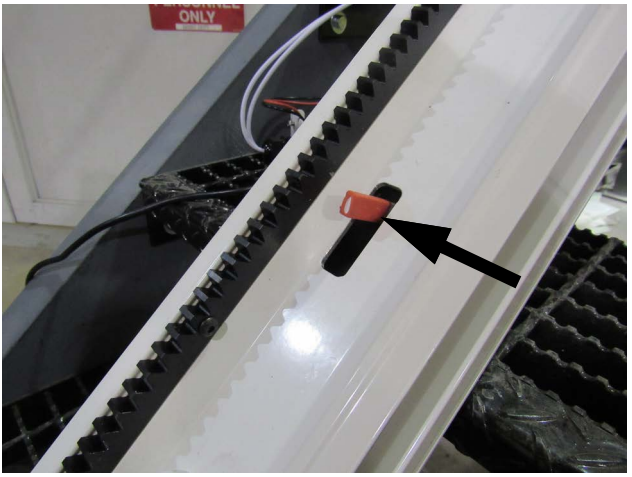
12 To allow for more room on the stairway when the stairlift is not in use, swivel the seat back to the riding position, and then fold up the seat, armrests, and footrest.

If you have the optional powered footrest, when you lift up the arm that has the toggle switch on it, the footrest will fold up also.

13 If you have the optional manual folding rail at the bottom of the stairs, run the stairlift up so it is positioned ABOVE the fold in the rail. You can then manually fold up the rail.

If you have the optional power folding rail at the bottom the stairs, run the stairlift up so it is positioned ABOVE the red auto stop bar in the rail (shown below). You can then press the "fold up" button on the remote control unit to fold up the power rail.

Figure 3



Emergency Stop (Optional)

In the event of an emergency, you can press the optional red Emergency Stop button located on the arm of the chair. The stairlift will stop immediately. Once the emergency is dealt with, release the button to restore normal operation.

Emergency Manual Operation

If necessary, you can operate the lift manually using the manual operation tool (handwheel) as described here.

1 Turn OFF the main power switch.

2 Remove the access cover on the lower side of the unit. To do this, place a flat blade screwdriver carefully under the corner of the cover and gently pry out to pop the cover off.

Figure 4

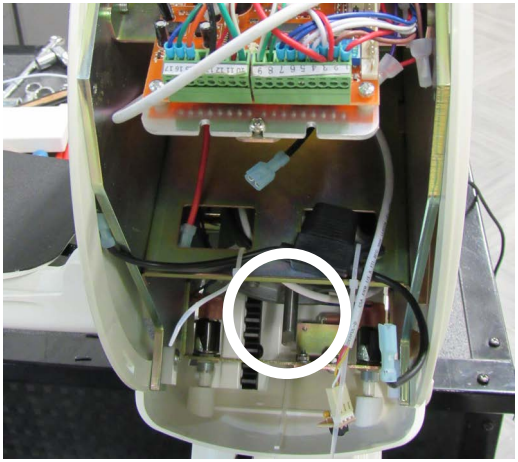




Manual operation tool

3 Fit the shaft of the manual operation tool (shown above) onto the motor shaft which is located below the battery tray in the carriage (circled below).

Figure 5



Batteries not installed in this view

4 For a left-hand unit, turn the handle **clockwise** for the unit to travel **up** the stairs and **counter-clockwise** for the unit to travel **down** the stairs.

5 For a right-hand unit, turn the handle **clockwise** for the unit to travel **down** the stairs and **counter-clockwise** for the unit to travel **up** the stairs.

6 When movement of the carriage is complete, call your Authorized Dealer for service assistance. DO NOT turn the main power back on.

5. TROUBLESHOOTING

Follow through the items below to determine a possible reason for the problem before contacting your authorized dealer. If any issues persist, please contact your authorized Savaria dealer

⚠ WARNING

Only qualified technicians are authorized to perform repairs and 6-month maintenance. DO NOT manipulate, modify or remove any safety feature of the lift. Contact your authorized dealer as necessary.

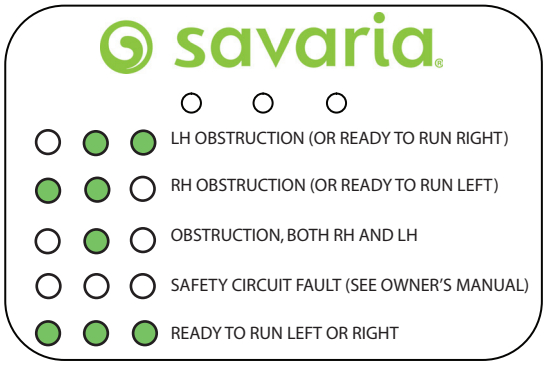
Problem	Action
Stairlift will not run	- Make sure the stairlift charger is plugged in at the wall. - Make sure the key switch is turned ON and the power switch is ON. - Check the residence main circuit breaker (or fuse) panel for a tripped breaker tripped or blown fuse.
If your stairlift does not operate and all lights are on	- Make sure the seat is swiveled and locked in the riding position. - Check around the footrest and carriage for any obstructions.
Stairlift is beeping	- If the stairlift beeps for approximately 20 seconds while not moving, this means the stairlift is not charging. - Check that the stairlift cord is plugged in to the wall outlet.
Stairlift stops and won't restart	- If the stairlift runs to either end of the stairway and then stops and won't restart, this means that the battery charge is low. Charge the stairlift.

Diagnostic LEDs

There are three diagnostic LEDs located on the carriage front panel.

Figure 6





LED Status

LEDs	Meaning
Middle and right LEDs on	Left-hand obstruction (or ready to run right)
Middle and left LEDs on	Right-hand obstruction (or ready to run left)
Middle LED on	Obstruction, both right-hand and left-hand
All LEDS off	Safety circuit fault
All LEDs on	Ready to run left or right

6. MAINTENANCE

The K2 Plus is subject to wear and tear from use. You must perform the checks and actions in the following tables to ensure safety and proper operation.

IMPORTANT

Savaria products are only to be installed, adjusted, serviced, or maintained by Savaria licensed dealers and technicians. Your Savaria product will have the warranty voided if a non-Savaria approved technician performs work on the Savaria product.

For units with high or excessive daily cycles, outdoor use, or use in harsh environments, inspection and maintenance should be conducted more frequently to ensure optimal performance.

Maintenance Schedule

Verification	Frequency (Outdoor)	Frequency (Residential)
Lubricate the seat swivel system using wheel bearing grease.	**Normal**: Every Year **Heavy**: Every Year **Excessive**: Every 6 months	**Normal**: Every Year **Heavy**: Every Year **Excessive**: Every 6 months
Check that the swivel seat switch is working. Ensure the unit will not travel until the swivel seat is locked in the riding position.	Every 6 months	Every 6 months
Check that the footrest and carriage sensors are working. Ensure the unit stops when it contacts an obstacle.	Every 6 months	Every 6 months
Check that the emergency stop button is working (if equipped). Ensure the unit stops immediately when the button is pressed.	Every 6 months	Every 6 months
Check that the seatbelt connects and holds securely.	Every 6 months	Every 6 months
Check that the seat and arm fold hinge points are secure.	Every 6 months	Every 6 months
Check the operation of the limit switches. Ensure the unit stops at the required position at the top and bottom of the stairway.	Every 6 months	Every 6 months
Check the operation of the overspeed brake.	Every 6 months	Every 6 months
Lubricate the angle and straight rollers with synthetic grease (super lube) or wet graphite grease.	Every 6 months	Every 6 months

Verification	**Frequency (Outdoor)**	**Frequency (Residential)**
Check that the top mechanical limits are tight.	Every 6 months	Every 6 months
Check that the rail brackets are tight.	Every 6 months	Every 6 months
Check that the gear rack is tight and pitched properly.	Every 6 months	Every 6 months
Check that the footrest is level and tight.	Every 6 months	Every 6 months
Check for any damaged or worn covers or components and replace as needed.	Every 6 months	Every 6 months
Check the wiring connections at all points.	Every 6 months	Every 6 months
Check for excessive motor, gear or roller noise.	Every 6 months	Every 6 months
Check for excessive motor temperature.	Every 6 months	Every 6 months
Replace the angle rollers and inspect the vertical rollers for wear (replace if wear is showing).	Every 3 years	Every 3 years
Lubricate all rollers with synthetic grease (super lube) or wet graphite grease.	Every 3 years	Every 3 years

THIS PAGE WAS INTENTIONALLY LEFT BLANK

THIS PAGE WAS INTENTIONALLY LEFT BLANK

THIS PAGE WAS INTENTIONALLY LEFT BLANK

Maintenance Record

Date	Time	Reason for call	Comments	Dealer

K2
Stairlift
Owner's Manual

For service or questions about this product,
please contact your installing dealer.

Dealer Name: _____

Dealer Phone: _____

Authorized Savaria Dealer

Savaria Concord Lifts, Inc.
2 Walker Drive Brampton ON L6T 5E1 Canada

savaria

savaria.com

Part No. 001022, Rev. 034

©2024 Savaria Corporation