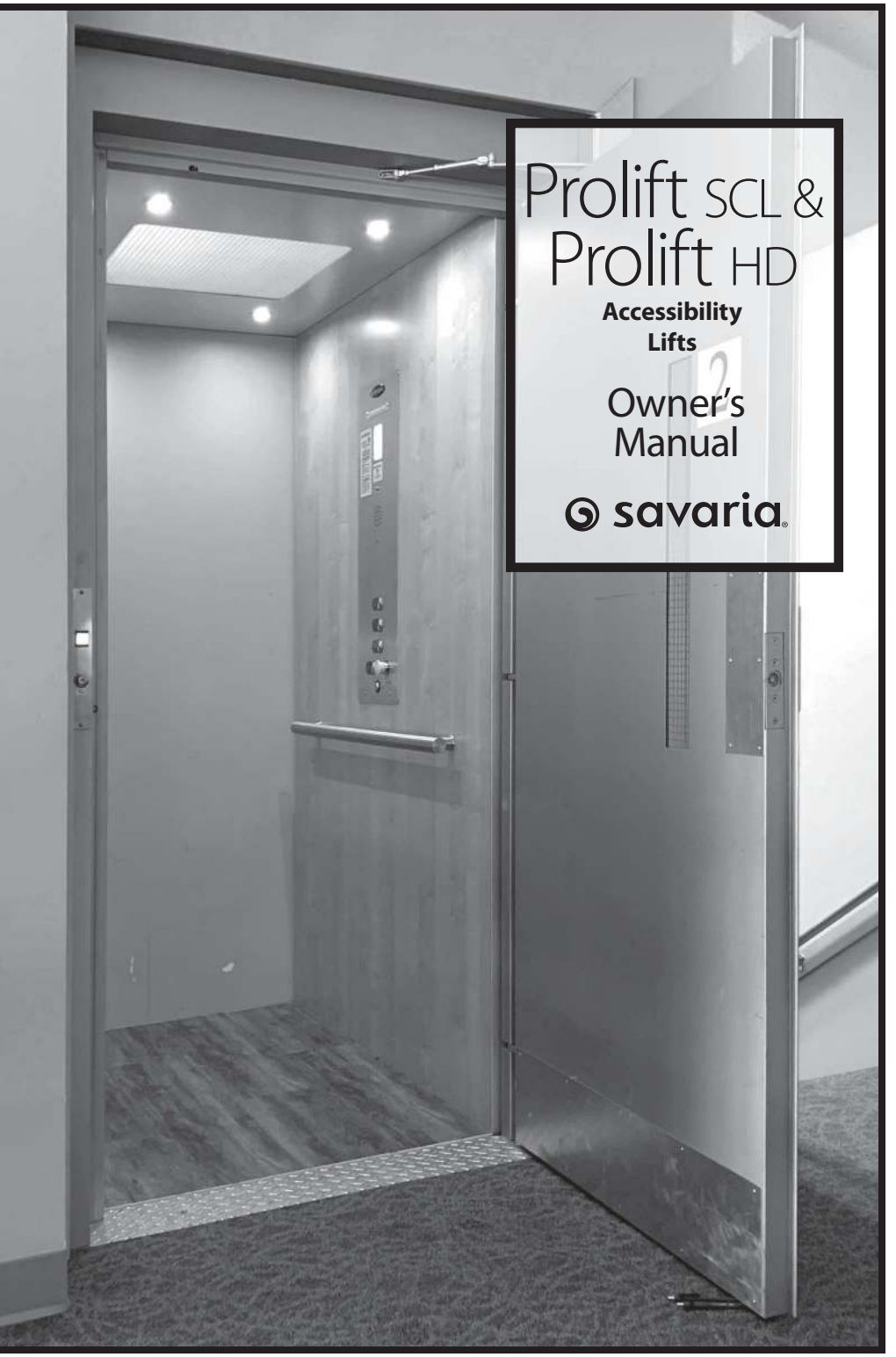


Prolift SCL & Prolift HD

Accessibility Lifts

Owner's Manual

savaria®

IMPORTANT

Ensure that only an Authorized Savaria Dealer installs and services the Savaria® Prolift SCL/Prolift HD. Under no circumstances is anyone other than a dealer 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's design, manufacture, and installation. After installation, reliable operation and continual safe operation requires regular service and inspection at least twice per year, or more frequently where usage, environment, or local jurisdiction requires. As the Owner, you are responsible for ensuring that regular service and inspections occur in a timely manner.

Refer to this manual for specifications, operating instructions and maintenance of the Savaria® Prolift SCL/Prolift HD Accessibility Lifts.

Upon completion of installation, the dealer must provide you with the following information and ensure it is recorded in this manual. In addition, either the dealer or you must keep any service and/or maintenance records in the Maintenance Record section of this manual.

WARRANTY

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

FOR OWNER'S RECORDS

Customer Name: _____

Installing Dealer: _____

Dealer's Telephone Number: _____

Date Installed: _____

Serial/Job Number: _____

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TO ENSURE SAFE OPERATION

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

- 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.

- Prior to operation, make sure that:
  - All doors and gates are locked and secure.
  - All areas in and around the lift are clear of any obstructions.
  - All lights are functioning properly.
- Test your keys and emergency stop button every month.

1. SPECIFICATIONS

Prolift SCL/HD Specifications

Load capacity	SCL: 550 lb (250 kg), 750 lb (341 kg), 1000 lb (454 kg) HD: 1400 lb (635 kg)
Rated speed	30 ft/min (0.15 m/s) (nominal)
Maximum travel	CDN: 23 ft (7 m) or per local code US: 14 ft (4.3 m) or per local code
Maximum # of stops	4 stops
Daily cycle	Normal: 30 Heavy: 75 Excessive: 100 Maximum starts in 1 hour on standard installation: 15
Power supply NOTE: Amperage may vary depending on individual units. Verify requirements prior to installation of power supply.	208 volt, three phase, 30 amps or 230 volt, single phase, 40 amps
Drive system	1:2 cable hydraulic
Cab sizes	SCL Type 1L/1R, Type 2, Type 5: • 36" x 48" (914 mm x 1219 mm) • 36" x 54" (914 mm x 1372 mm) • 36" x 60" (914 mm x 1524 mm) • 42" x 48" (1067 mm x 1219 mm) SCL Type 3/4, Type 3/4 with 42" B wall opening: • 42" x 48" (1067 mm x 1219 mm) HD all cab types (Type 1L/1R, Type 2, Type 3/4, Type 3/4 with 42” B wall opening, Type 5: • 42" x 54" (1067 mm x 1372 mm) • 42" x 60" (1067 mm x 1524 mm) • 48" x 60" (1219 mm x 1524 mm)
Pit depth required	SCL: 8" (203 mm) minimum HD: 12" (305 mm) minimum
Minimum overhead clearance	92" (2337 mm)

Prolift SCL/HD Specifications (continued)

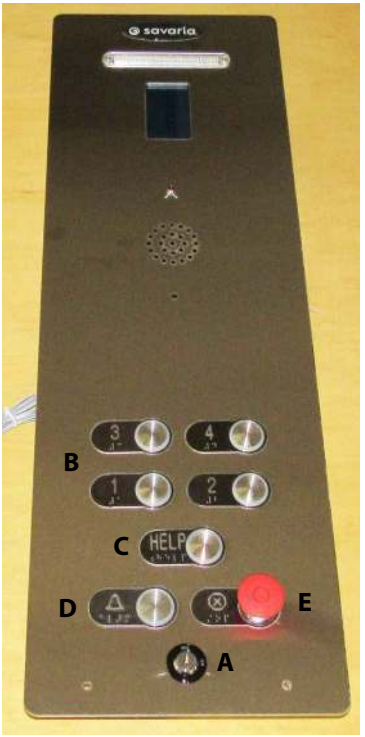
Control system	Constant pressure
Floor selection	Magnetic selector
Flooring material	Plywood
Control panel finish	Stainless steel
Hall station finish	Stainless steel
Motor	SCL: 3 HP (2.24 kW) HD: 5 HP (3.73 kW)
Cab panel finish	Standard solid melamine panels
Lighting supply	115 volt, 60 cycle, 15 amps
Standard features	Emergency alarm and stop buttons with emergency battery back-up for cab lighting and lowering Four recessed incandescent down lights Metal push buttons with illuminated haloes Stainless steel handrail White egg crate ceiling

2. FEATURES

1 Cab Key Switch (Optional) (Figure 1-A)

The optional key switch turns the cab controls ON and OFF. It is provided to limit the use of the elevator to authorized persons only.

Figure 1: 4 COP



2 Cab Operating Panel Buttons (Figure 1-B)

Constant pressure cab control buttons facilitate the UP/DOWN movement of the cab between landings. The selected landing button must be pressed and held until the cab moves to the landing. The cab will stop when the button is released or when the selected landing is reached.

3 Help Button (Figure 1-C)

When you press the Help button, it will connect to the phone enabling you to make an outgoing call.

4 Alarm Button (Figure 1-D)

This button can be pressed at any time to sound the alarm in case of an emergency. If equipped with the Hands-Free Telephone, hold down the button for approximately 3 to 10 seconds to activate the telephone line. Refer to section 8 for more details.

5 Emergency Stop Button (Figure 1-E)

The red emergency stop button can be pressed at any time to stop the cab and activate the alarm buzzer.

6 Handrail

A single handrail is mounted on the Cab Operating Panel side of the cab.

7 Emergency Light

The COP emergency light remains ON in the event of a main power failure. The emergency light uses a Battery Back-Up system with an automatic recharger.

8 Landing Hall Call Station Controls (Figure 2)

Constant pressure Hall Call buttons are installed at all landings to move the cab to the landing from which it is being called. An optional key switch limits the use of the elevator to authorized persons only.

Figure 2: Hall Call



9 Landing Door Interlock

The Landing Door lock prevents the movement of the cab unless the door is in the closed and locked position. If the door is not completely closed, the cab will not move.

10 Emergency Door Opening

In case of emergency, the door can be opened manually using a special key inserted onto the round pin on the front of the lock (Figure 8).

NOTE

After use of any emergency function (access key or manual lowering device), ensure that all doors/gates are secure and locked. While the emergency function is in use, DO NOT leave the area unattended.

11 Emergency Battery Operation

In the event of a building power failure, the door system is provided with a temporary power back-up system to continue the opening operation for a number of times. On resuming normal building power, the back-up system will turn OFF and begin automatic recharging.

3. OPTIONS

Automatic Door Opener

1 Press and hold the Landing Hall Call button to call the elevator. The entrance door will open automatically once the elevator stops at the landing.

2 Press the Remote Control (if equipped) to open the entrance door once the elevator stops at the landing.

3 Push 'n' Go allows the entrance door to open automatically with a slight push to the door itself. The door timer is inoperative when this feature is activated.

NOTE

An "entry" and "exit" timer allows approximately 9 seconds before the Hall Call buttons become operational. This delay allows time for a person to enter/exit the cab.

4. OPERATION

IMPORTANT

Prior to operating the lift, a manual wheelchair MUST have the wheels locked and any power-operated device MUST have the power turned off. If using the provided fold-down seat, ensure that the seat belt is securely fastened.

NOTE

Position the wheelchair, scooter or walker CENTRAL on the platform.

⚠ WARNING

DO NOT drive against the fold-up ramp.

Operating from the Landing Controls

1. If equipped with a key switch, insert the key into the key switch on the Hall Call station and turn the key to the ON position.
2. Press and hold the Hall Call button until the cab stops at your landing. To stop the cab at any point simply release the Hall Call button.
3. Turn the key (if equipped) to the OFF position and remove the key.
4. If required, turn the door handle and pull the door open.
5. Once inside the cab, insert the key (if equipped) into the key switch, and turn the key to the ON position.

   If the elevator is equipped with our **Automatic Pro-Door** follow this procedure:
   - Stay clear of the swing of the landing door as the door will swing open automatically. The door is timed to stay open for a few seconds. Enter the cab. Once inside the cab, lock the wheelchair wheels.

   If the elevator is equipped with our **Manual Pro-Door** follow this procedure:
   - Pull on the door handle and open the landing door. Enter the cab. Once inside the cab, close the landing door. Lock the wheelchair wheels.

NOTE

When using the landing controls, the cab can only be moved (called) to the level from which you are calling. When using the control buttons in the cab, the cab can be moved to any level.

Operating from the Cab Operating Panel (COP) Controls

1. If equipped with a key switch, insert the key into the key switch on the Cab Operating Panel and turn the key to the ON position.
2. Press and hold the selected Landing button to move the elevator. Maintain constant pressure until the elevator automatically stops at the desired landing. To stop the elevator at any point, simply release the Landing button.
3. Release the Landing button when the elevator arrives at the landing.
4. Turn the key (if equipped) to the OFF position and remove the key.
5. Unlock the wheelchair wheels and exit the cab (if applicable).

   If the elevator is equipped with our **Automatic Pro-Door** follow this procedure:
   - The door will "chime" and then swing open automatically. The door is timed to stay open for a few seconds. Exit the cab. The door will close.

   If the elevator is equipped with our **Manual Pro-Door** follow this procedure:
   - Open the manual swing landing door. Exit the cab. Close the landing door.

5. POWER FAILURE AND EMERGENCY LOWERING

In the event of a power failure, the elevator is equipped with a Battery Back-Up system that allows the user to lower the elevator from the inside of the cab. This device operates on batteries and is only activated if a main power supply failure occurs. The operation is as follows:

1. Press any Landing button below the floor where the elevator is located and maintain constant pressure until the cab is level with the lower landing.
2. On arrival at the selected floor, the landing door will automatically unlock.
3. Release the Landing button, remove the key, and exit the cab.

6. EMERGENCY LIGHTING

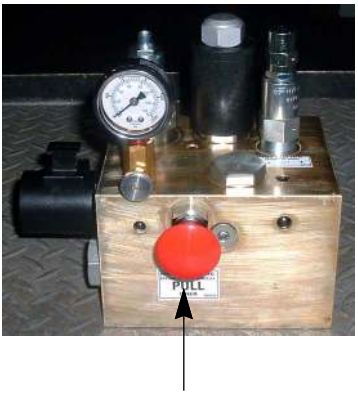
In the event of a main power failure, the emergency cab light will turn on automatically.

7. MANUAL LOWERING DEVICE (MACHINE ROOM)

In the event of a power failure, the cab can be moved to a lower level manually by using the following procedure:

1. Obtain the key to unlock the door to the machine room where the elevator pump unit is located (if applicable).
2. Instruct the passenger s) in the elevator to remain calm and stay well back from the door of the elevator. Ease their concern by telling them your intentions.
3. Switch the main disconnect switch for the main power supply to the elevator pump unit to the "OFF" position.
4. If equipped, use the owner's key to unlock the Controller Tank cover. The EPV Valve is located inside.
5. Locate the RED manual release knob on the EPV Valve and pull the knob to lower the cab (refer to Figure 3). Maintain a constant pull on the knob until the elevator reaches the lowest landing and stops automatically. (Although you may not be able to see the elevator, this is readily detected, as there will be no further noise as the oil flows to the reservoir).
6. To exit the cab, open the lower landing door (using the special key) and assist the passenger(s).
7. After the passenger has exited the cab, remove the cab key. Make sure the landing door is closed, reconnect the disconnect switch in the machine room, and lock the door.

Figure 3: EPV Valve



Manual release knob (pull to lower cab)

NOTE

After use of any emergency function (access key or manual lowering device), ensure that all doors/gates are secure and locked. While the emergency function is in use, DO NOT leave the area unattended.

8. EMERGENCY HANDS-FREE PHONE (OPTIONAL)

1 If your lift is equipped with an Emergency Hands-Free Telephone, press and hold down the Alarm button to activate the phone line. A short time delay (adjustable by the installing technician) will occur.

2 Release the Alarm button once the call is picked up by the telephone line.

The system will automatically dial out to a pre-programmed telephone number as set up by the installing technician.

9. MAINTENANCE

Regular maintenance (performed by your Authorized Savaria Dealer) will keep your elevator in proper operating condition. As the owner of this elevator, you are responsible for making sure that maintenance and upkeep are done on a regularly scheduled basis. To ensure proper operating condition of your unit, the items listed below must be performed every 6 months by an **Authorized Savaria Dealer**. Additional inspections may be required depending on usage.

NOTE

Units installed in adverse environments will require additional maintenance on a monthly basis.

IMPORTANT: Please test the phone in your elevator during every maintenance. If the phone is inactive, please shut down the elevator until the phone line is active.

1 Tighten all rail and cab fastening bolts.

2 Lubricate the door hinges and adjust the door closure if required.

3 Lubricate the rails with light grease, such as white lithium.

4 Inspect the travelling cable for wear. Replace the cable if any cuts or damage to the jacket are evident.

5 Inspect the elevator cables for wear or damage and replace if necessary. Always replace the safety washers at the swaged end of the cable when replacing cables. The washers are provided with replacement cables.

6 Inspect the safety washers at the swaged end of the elevator cables. Put the elevator on slack rope high enough so you can safely get under the elevator. Pull the manual lowering device so there is enough slack in the rope to pull the rope with the swag fitting down to view the washer. Replace the washer if there is any visible damage.

7 Check for any hose/pipe leaks. Replace and/or tighten the fittings to correct any hydraulic leaks found.

8 Check the fluid level of the pump reservoir (with the elevator at its lowest landing), and fill as required. (Use Grade 32 Hydraulic Oil). There must be at least 1" inch of oil on the dipstick.

9 Tighten any hose connections or bleeder valves found loose. Check the hydraulic cylinder (jack) for any leaks. If necessary, the packing seals may have to be replaced.

10 Replace the batteries inside the control panel as indicated on the battery label.

11 To perform the required maintenance to the door locks, contact your Authorized Savaria Dealer.

12 Activate and test the safety mechanism.

13 Check that the phone is functioning properly.

⚠ WARNING

Never adjust the pump controls or valve settings. This must be done by an Authorized Savaria Dealer.

Maintenance Record

Date	Time	Reason for call	Comments	Dealer

Prolift SCL & Prolift HD
Accessibility Lifts
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

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