

AFFORDABLE WHEELCHAIR LIFTS

Model KCSPM3648

Owner's Manual

Introduction

Congratulation on your purchase of a new wheelchair lift from Affordable Wheelchair Lifts! This lift has been quality engineered with design features to assure safety and reliability when operated properly. We sincerely hope that this lift will help you accomplish the things that are important to you and those you love.

This manual is designed to help you understand how to operate your lift safely.

For more information you may wish to also consult the Installation Manual and the Assembly Instructions.

Note: Throughout this document this is used as a caution symbol:



WARNING!

FOR OPTIMAL WHEELCHAIR LIFT OPERATION, USE A GROUNDED ELECTRICAL CIRCUIT. FAILURE TO USE A GROUNDED ELECTRICAL CIRCUIT COULD COMPROMISE SAFETY OR CAUSE PRODUCT MALFUNCTION.

SAFETY

Safety is paramount. If you have a question or concern about safe installation or operation please give Affordable Wheelchair Lifts a call at (757) 524-3420

Use common sense when installing or operating this equipment.

The installer and operator are responsible for the safe operation of this equipment.

It is your responsibility to know and comply with all applicable legal codes and regulations regarding your wheelchair lift.

Misuse of this equipment can cause serious injury or even death.

WARRANTY WARNING

Do not open any control boxes, motors, or hand control devices. The product warranty will be void if these components are tampered with. Do not attempt to alter component wiring or adjust or modify the structure of the product in any way or the warranty will be void. Any repair or replacement of wheelchair lift parts must be performed by authorized personnel.

LUBRICATION

This product is designed to be maintenance free. The lift motors are permanently lubricated and sealed – no additional lubrication is required. The anti-friction pads need no lubrication.

ORIENTATION

Front, Back, Right and Left - The Column is located on the back side of the lift. The side of the lift opposite the back is the front. Right and left are determined when you face the lift from the front.

If you have any questions concerning the installation, operation, or maintenance requirements of your lift, please contact our Service Department at (757) 524-3420.

WARNINGS

This lift is to be used only by persons who are capable of operating it safely, or, otherwise, under the supervision of another person, duly trained in its safe and proper use.

We strongly recommend that minors be prevented from using the lift or supervising its operation.

While in use, always maintain a correct position according to the lift use instructions, and always look in the direction of travel.

Once aboard the lift, you must remain in the correct position. Ensure that you have stability on the lift platform before moving the lift platform.

Check that no items such as clothing, umbrellas, canes, hair, etc. can become tangled with the moving portions of the lift.

During travel, the user must pay particular attention that no persons or objects are in the path of the lift platform.

Safety devices are installed to neutralize any dangerous situations. However, do not create fictitious danger situations to test them, abuse their utilization, and do

not tamper with them for any reason. Testing of the correct operation of these devices is done solely by the manufacturer.

The maximum capacity of our standard lift is 500 lbs. unless customized to 750 lbs. or indicated otherwise on the lift itself. Do not exceed this value for any reason whatsoever.

If your lift is equipped with multiple wireless control buttons, be aware these devices work over a 50-foot radius. Someone with a wireless controller who is out of sight of the lift can activate it. Always unplug your lift before cleaning or maintaining it to prevent someone inadvertently using a call button to activate the lift and accidentally causing injury or death.

The lift must be properly maintained in order to work well over time. See the Maintenance Section of this Guide.

Use extra caution if there is ice or snow on the platform. Ice and snow not only make the platform slippery but could also push the weight of the platform over its limits. Remove ice and snow before using the lift.

If the wire cable should jump out of the spool and wrap itself around the hoist axle, call for assistance. Do not attempt to fix this without our assistance.

Excerpt from Order Confirmation Email:

The customer understands that he/she is responsible for this wheelchair lift's proper and safe installation and operation. This includes but is not limited to:

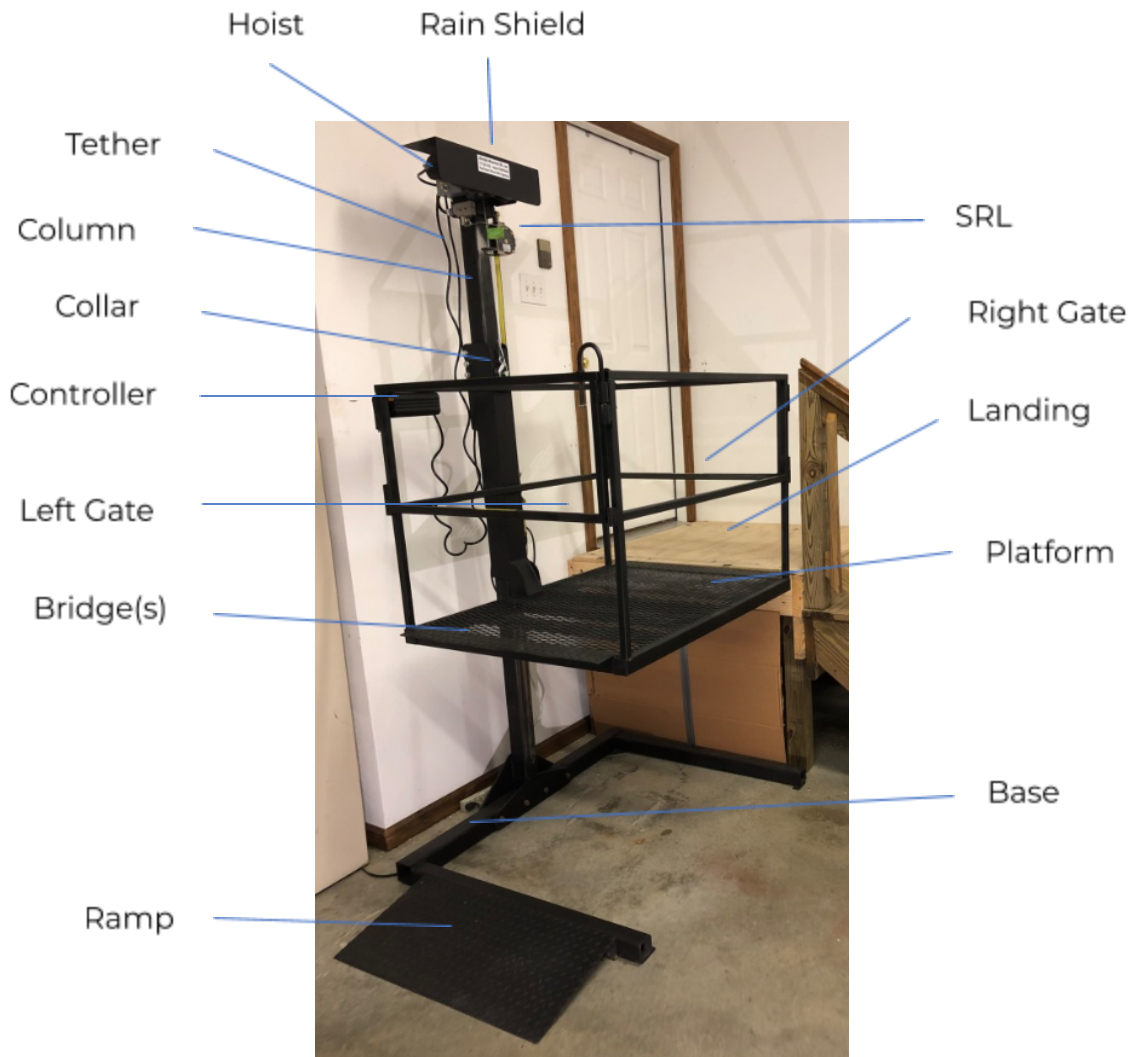
- Making sure the lift is installed in a safe location by personnel adequate to the task.
 - Making sure that the electrical power is adequate and supplied in a safe manner. Outdoor and garage lifts need to use a GFI circuit.
 - Making sure the lift and its installation complies with any applicable regulations and that any lift operators are properly trained.
 - Recognizing that Affordable Wheelchair Lifts' delivery technicians will deliver the lift and are not necessarily qualified or licensed to do related electrical, masonry, carpentry or other contractor type work.
 - Addressing any applicable taxes.
 - Inspecting the lift periodically to insure that it is safe to operate.
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Regarding lift operators and users, the customer understands that:

- The customer is responsible for making sure that the person(s) operating the lift has/have been instructed in its use pursuant to the Owner's Manual and are mentally capable of safely operating the lift.
 - This may mean restricting access to the lift controller(s) to prevent unqualified persons from operating the lift.
 - **Persons with dementia or who are susceptible to mental confusion are not qualified to operate the lift**, though a qualified caregiver may operate it for them.
 - **Persons incapable of recognizing that the lift has reached ground level are not qualified to operate the lift**, though a qualified caregiver may operate it for them.
 - The manufacturer is not responsible for injuries or damages of any sort resulting from operator error.
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LIFT COMPONENTS ILLUSTRATION

This photo might not exactly match your particular lift.



LIFT COMPONENTS TABLE

Base	U-Shaped bars that support the entire unit.
Platform	The platform is the metal, gated enclosure that carries the passenger up and down
Gate(s)	A removable and reversible gate is attached to each side of the platform. Each gate has a latch.
Bridge(s)	A bridge is the flat diamond plate metal surface attached to each side of the platform.
Column	The column supports the hoist and the Self-Retracting Line (SRL)
Landing	The level area from which you enter and exit the lift platform when the platform is at its designated rise height.
Collar	The collar attaches to the platform and slides up and down the column. A safety guard covers the collar.
Hoist	The hoist raises and lowers the platform. AC and DC powered hoists are available. In exterior applications, a rain shield protects the hoist from weather.
Controller	The controller houses the Up and Down switches for the lift.
Ramp	This is an optional diamond plate metal surface to provide a smooth entrance to the platform.
Rain Shield	The rain shield keeps rain from the hoist motor.
Tether	Connect the controller to the hoist.
SRL (Self-Retracting Line)	Serves as a safety backup in case the lifting mechanism fails.

OPERATING YOUR LIFT

Step 1

Ensure the lift platform is completely level with the floor or landing where you reside. Refer to the Installation Manual to adjust the platform to the Landing height as needed. Only proceed when the platform is completely level to the floor or landing on which you reside.

Step 2

Lift the latch to unsecure and open the gate and proceed to enter the lift platform area.

Step 3

Be sure to re-secure the latch to lock the gate. For a wheelchair, make sure the wheelchair is completely within the platform area and that all wheels are locked. If you are standing, make sure your body is completely within the lift platform area, stand still, and hold firmly onto the platform rails.

Step 4

Press the appropriate UP or DOWN button on the controller to raise or lower the lift until it is completely level with the landing or floor onto which you wish to exit.

Step 5

Unlock the wheels on the wheelchair, unsecure the latch and open the gate, and exit the lift platform onto your destination floor or landing.

Step 6

Re-secure the lift gate in the closed position.

A COMMON ADJUSTMENT

- **If your lift platform will not go down under only its own weight, OR**
- **if you have more platform side-to-side wobble than you would like,**
then please read the following:

It is critical that the four (4) adjustment bolts across the back of the collar are adjusted properly. These adjustment bolts require 9/16" wrenches.

These bolts have self-locking nuts. These self-locking nuts do NOT need to be tight in order to stay on. If any these four nuts are too tight the platform may not descend as the hoist pays out the wire rope. If this happens, the hoist may produce several

inches (or feet) of slack, and the platform may then fall until the slack is used up or until the anti-fall device engages and stops the platform. Either conditions is undesirable.

Therefore do the following:

1) Adjust the top three bolts on the back of the platform collar so that they (the bolts and the nuts) may be rotated by just with finger pressure.

2) Adjust the single bolt on the back, near the bottom of the collar so that side to side wobble is acceptable and the unit descends smoothly with no weight on the platform. A good way to accomplish this is to loosen the bottom bolt until it can barely be turned by finger pressure. Then run the platform up and down several times, tightening the nut half a turn each time, until the platform will not come down under its own weight. Then loosen the nut a quarter turn until the platform can again descend under its own weight.

It is better to be too loose than too tight.

Adjusting these bolts in this manner will minimize side-to-side wobble while allowing the platform to move freely.

OPERATING PRECAUTIONS

Although covered in the Warnings Section previously, a few safety precautions are worth repeating:

- Ensure that you have stability on the lift platform before setting the platform in motion.
- Make sure no items such as clothing, umbrellas, canes, hair, etc. can be become tangled with the moving portions of the lift.
- Pay particular attention that no persons or objects are in the path of the lift platform.
- Do not exceed the maximum lift capacity of 500 lbs. unless customized to 750 lbs. or indicated otherwise on the lift itself.

MAINTENANCE

NOTE: If your lift is equipped with multiple wireless control buttons, be aware these devices work over a 50-foot radius. Always unplug your lift before cleaning or maintaining it to prevent someone inadvertently using a call button to activate the lift and accidentally causing injury or death.

Hoist Cable

The cable is a critical piece of your wheelchair lift. Visually inspect it monthly to make sure it is not kinked, frayed or showing signs of wear. If it is, contact Affordable Wheelchair Lifts for assistance.

SRL

The SRL is important to the safety of your lift. Visually inspect its cable monthly to make sure it is not kinked, frayed or showing signs of wear. Make sure the cable extends and retracts smoothly. While wearing gloves, jerk the cable quickly from the SRL body and insure that it automatically engages. If it fails inspection contact Affordable Wheelchair Lifts for assistance.

Paint

Most lifts are painted using Rust-oleum® Flat Black. You can apply more paint to repair scratches or cover rust at any time. You should not paint the column.

WARRANTY

Affordable Wheelchair Lifts come with a 1-year warranty on parts (except for paint scratches) and a 3-month warranty on labor.

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