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# AmeriGlide

## AmeriGlide Vesta Stair Lift



**Owner's Manual**

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## IMPORTANT

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 AmeriGlide Vesta Stair Lift.

## WARRANTY

All new AmeriGlide Vesta Stair Lifts are warranted to the original purchaser to be free from defects in material and workmanship for a 5-year period on the drive train and a 2-year period on all component parts of the lift.

### **Exceptions to all warranty's listed above:**

- Damage resulting from improper installation or operation.
- Negligence, alterations, abuse or misuse of the equipment.
- Fire, flood, acts of God.
- Torn or dirty upholstery.
- Shipping damage.
- Parts used that are not supplied by AmeriGlide.
- Labor fees for installation work or service calls.

### **Details applying to all warranty's listed above:**

No warranty is extended, express or implied, whether of merchantability or fitness for a particular purpose, after expiration of 5 years from the date of original purchase of the unit. AmeriGlide and its dealers shall not be liable for any consequential, special or incidental damages arising out of the purchase or use of the unit or resulting from the breach of this Limited Warranty, or any implied warranty. The limit of liability of AmeriGlide and its dealers hereunder shall be the unit's purchase price. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, or legal remedies, so these above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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### **Making warranty claims:**

All warranty claims must be reported to the dealer from whom the lift was purchased as they have responsibility for handling your warranty claim. The dealer is to contact the Service Department of AmeriGlide and provide the serial number of the lift along with a description of the events leading to the warranty claim. Dealers may charge for labor, service, travel, or other associated costs to make repairs, and such charges are not covered by this Limited Warranty. It is permissible to have any repairs or replacement work done as a result of any defects in material and workmanship by someone other than the Dealer under this Limited Warranty. However, the Limited Warranty does not cover any charges or expenses assessed by any such other person or company performing such repairs or replacement work. All parts used to replace defective materials must be genuine AmeriGlide parts to be covered by this Limited Warranty.

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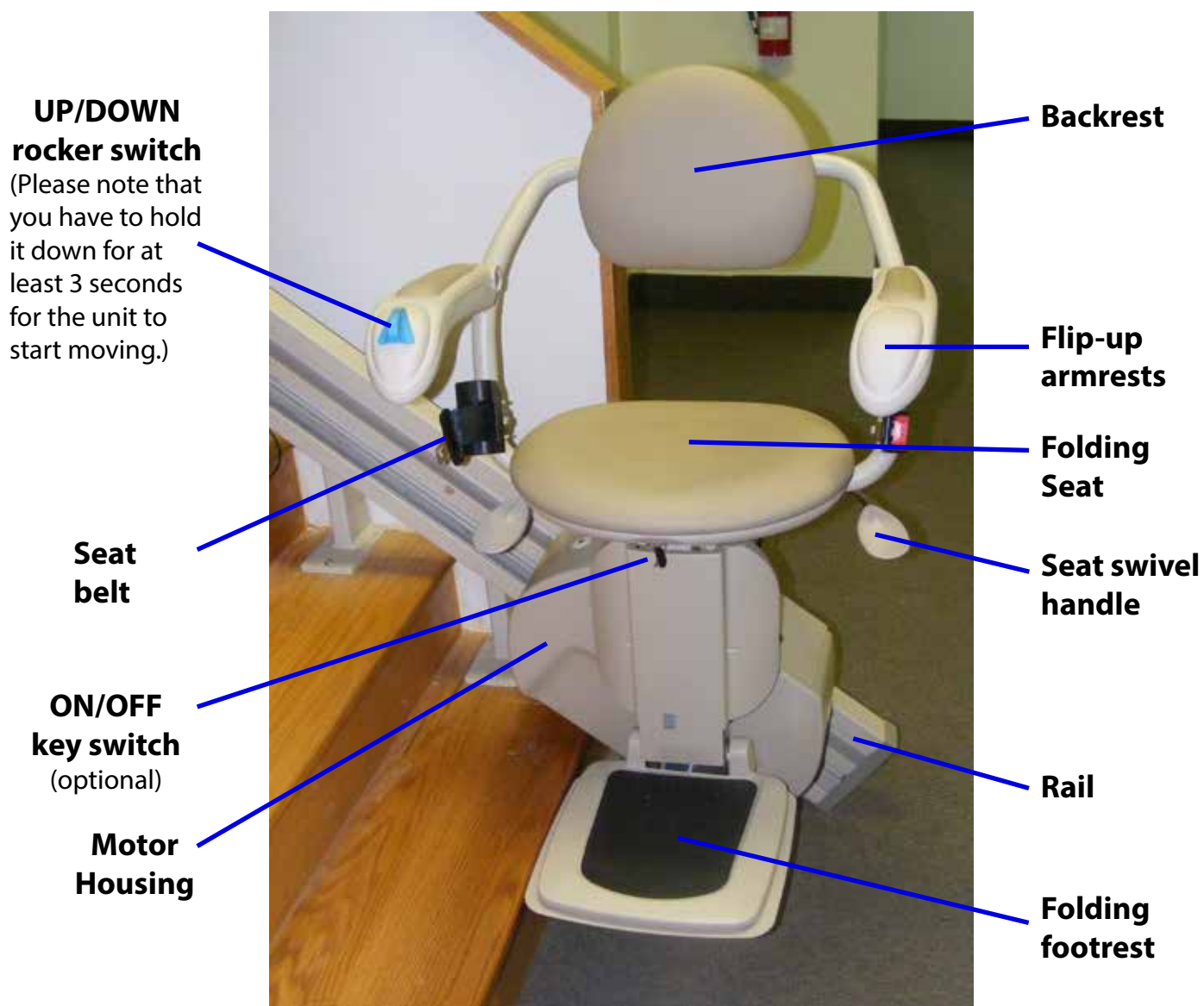
## **1. TO ENSURE SAFE OPERATION**

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

- Read this manual carefully before using the AmeriGlide Vesta Stair Lift.
- 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.

## 2. DESCRIPTION

Figure 1 shows the exterior components of the AmeriGlide Vesta Stair Lift.



**FIGURE 1**

Figure 2 shows the AmeriGlide Vesta Stair Lift in its folded up position.



**ON/OFF  
key switch**  
(optional)

**FIGURE 2**

### 3. SPECIFICATIONS

#### AmeriGlide Stair Lift Specifications

Applications	Indoor, straight-run stairway
Load Capacity	300 lb (136 kg)
Maximum travel	32 ft (9.75 m)
Travel speed	20 ft/min (0.10 m/s)
Angle of incline	25° to 50°
Drive system	Rack and pinion
Operator controls	Constant pressure buttons (UP/DOWN rocker switch on chair and remote control call/send units)
Motor	1/2 HP, 24 VDC
Fold-up width	17.3" (439 mm) between wall and folded footrest
Rail	Aluminum extruded For stairs with a door or hall at the bottom, optional flip-up rail is available (constant charge system not available with this option)
Charging	Charges on standard household power (110 VAC) Constant charge system along the rail ensures the stair lift is always charged
Emergency operation	Battery-powered operation allows use even through a power failure

## **4. FEATURES**

### **Seating Features**

The seat assembly is designed to swivel and lock in position. Lift up and hold the swivel handle to swivel the seat to a convenient position for transfer into or out of the seat. For your safety, do not swivel the seat until the unit has stopped.

You can flip the armrests up and backwards to allow easier transfer into or out of the seat. To raise the armrest, grasp the end of the armrest and flip it backwards. Be sure to lower the armrest back to its original position whenever you are seated in the chair.

When the stair lift is not in use, you can fold up the seat, footrest and armrests to allow for more space on the stairway.

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

### **Seating Features**

#### **Safety Switches**

There are upper and lower limit switches on the Vesta to stop the stair lift when it reaches the top or bottom of the stairway.

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

#### **Footrest and Motor Housing Sensors**

There are edge sensors on the sides of the footrest and an underpan sensor on the bottom of the footrest. There are also edge sensors on the sides of the motor housing. These sensors will stop the unit if an obstruction is encountered on the stairway.

If you encounter an obstruction, press the opposite side of the UP/DOWN rocker switch to run the stair lift in the opposite direction. Remove the obstacle from the pathway and then proceed in the original direction of travel.



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## 5. OPERATION

### Safeguards Before Operating the Stair Lift

1. Ensure the stairway is clear of any obstructions.
2. Fasten your seat belt before operating the stair lift.
3. Check that the seat is locked in the riding position for up/down travel.

### Operating the Stair Lift

1. If you have the optional key switch, insert the key into the key switch located underneath the seat and turn it a quarter turn clockwise.
2. If the stair lift is not at the required end of the stairway, use one of the remote control CALL/SEND units to call or send the stair lift to the appropriate end of the rail. Be sure to point the remote at the lift.
3. If necessary, fold down the seat, armrests, and footrest.
4. Position yourself in the seat and fasten the seat belt.
5. Lift up and hold the seat swivel handle, and then rotate the seat so that you are parallel to the rail (with your back to the stairway wall).
6. Release the seat swivel handle to secure the seat in the riding position.
7. Position both feet securely on the footrest and place your arms on the armrests.
8. Press and hold one end of the UP/DOWN rocker switch (located on the front end of the right arm) to move the stair lift in the desired direction. **You must hold for at least 3 seconds for the motion to start.**
9. The stair lift will stop automatically at the upper or lower end of the rail, or when the rocker switch is released.
10. Once the stair lift has come to a complete stop, swivel the seat as required, unfasten the seat belt, and get out of the chair.
11. To allow for more room on the stairway, you can fold up the seat, armrests, and footrest when the stair lift is not in use (as shown in Figure 2).

#### NOTE

Do not unplug the unit from the wall or the batteries will not charge.

## **6. SAFEGUARDS**

### **Safeguards Before Operating the Stair Lift**

#### **Safety Switches**

If your stair lift will not operate, check the basic items listed below first.

1. Check that the stair lift is plugged in to the wall outlet.
2. Check the swivel seat. Is the seat locked in the riding position?
3. Check around the footrest and motor housing. Is there an obstruction on the stairway?
4. Check the residence main circuit breaker (or fuse) panel. Has a breaker tripped or a fuse blown?
5. Make a visual check. Do you notice anything about your stair lift that is different or out of place?

If the stair lift does not operate after checking the above items, contact your Authorized AmeriGlide Dealer.

## 7. MAINTENANCE SCHEDULE

<b>Verification by owner</b>	<b>Frequency</b>
Verify that the swivel seat switch is working. To do this, ensure the unit will not travel until the swivel seat is locked in a riding position.	Every 3 months
Verify that the footrest and motor housing sensors are working. To do this, ensure the unit stops when it contacts an obstacle.	Every 3 months
Verify that the upper and lower limit switches are working. To do this, ensure the unit stops at the required position at the top and bottom of the stairway.	Every 6 months
Visually inspect the rack and gear.	Every 6 months
If the rack begins to make noise, apply a moderate amount of white lithium grease	As required



## 9. DIAGNOSTICS

For codes displayed on the diagnostic display, refer to the following table to help diagnose and correct any faults.

### NOTE

*If the recommended corrective action provided in the table does not solve the problem, contact your authorized dealer for assistance.*

Code	Status/Fault	Recommended Corrective Action
	No display.	Press the UP/DOWN rocker switch and see if the display comes on. Check that the key switch and ON/OFF switch are turned on.
-	On when the stairlift is okay; ready to use. Flashing when the stairlift is running.	No action required.
0	Final limit switch is activated or swivel seat switch is activated.	Check that the key switch is ON and the seat is fully swivelled to the riding position.
1	Batteries require charging.	Check that the charger is plugged in and charging.
2	Batteries not charging.	Check that the charger is plugged in and charging.
3	Upper limit safety switch is activated.	You have reached the upper limit. Run the unit in the down direction.
4	Safety edge switch (bumper) in up direction is activated.	Remove any obstacle that may have activated the switch.

5	Underpan switch is activated.	Remove any obstacle from underneath the footrest.
6	Safety edge switch (bumper) in down direction is activated.	Remove any obstacle that may have activated the switch.
	Lower limit safety switch is activated	You have reached the lower limit. Run the unit in the up direction.
7	Batteries approaching critical level and need charging.	Check that the charger is plugged in and charging.
9	Rocker switch is activated in UP/DOWN direction.	No action required.
A	Hinge is open.	Contact your authorized dealer.
B	A switch is active at power on (toggle up, toggle down, IR up, IR down, or learn).	Contact your authorized dealer.
C	IR address (DIP switch) does not match.	Contact your authorized dealer.
D	Main power relay is welded.	Contact your authorized dealer.
E	Main power relay did not close.	Contact your authorized dealer.
G	Brake not connected.	Contact your authorized dealer.
H	Main power relay has closed early.	Contact your authorized dealer.
L	Current limit exceeded.	Contact your authorized dealer.
N	Stairlift is running at half speed.	Contact your authorized dealer.
O	Main control board has a memory problem.	Contact your authorized dealer.
P	Powered swivel did not respond.	Contact your authorized dealer.
R	No charging current.	Check that the charger is plugged in and charging.

## 10. REMOTE TROUBLESHOOTING

### Remote not functioning no lights

1. Check and replace the 9v battery.

### Remote not functioning w/lights

1. Confirm the lift is functioning by operating the onboard control.
2. Remove the stair lift's cover panel to access the main circuit board.
3. Press and hold the red button located next to the 17 pin plug on the circuit board (Figure 3).
4. Press and hold the up or down button on the remote control.
5. Release the red button on the circuit board.

The unit at this time should beep and start moving. If the unit is at one of the end stops, you may find the lift does not beep when you release the red button on the circuit board, if that is the case then press the other button on the remote.

If one or both remotes do not work after this procedure, then unscrew the back cover of the remote (4 screws - 2 are located beneath the battery cover) and reverse the dip switch settings (Figure 4), and repeat the steps described above.



FIGURE 3

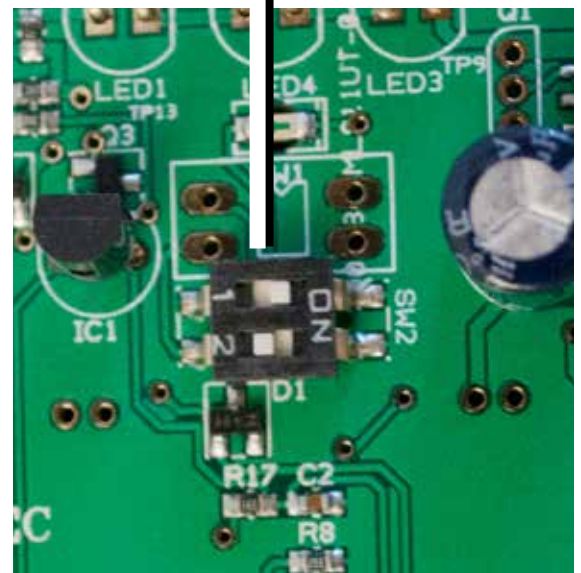


FIGURE 4

**FOR OWNER'S RECORDS**

Customer Name: \_\_\_\_\_

Installing Dealer: \_\_\_\_\_

Dealer's Telephone Number: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Serial/Job Number: \_\_\_\_\_

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OWNER'S MANUAL

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