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Adams-Bickel Associates

CARRIER-LIFT®

INCLINED WHEELCHAIR

LIFT

CUSTOMER OPERATING MANUAL AND WARRANTY INFORMATION

ACCESS ABILITY®

CORPORATE HEADQUARTERS:
151 West Fourth Street, Bethlehem, PA 18015-1695
Phone: (610) 867-8000 Fax: (610) 867-4800

OPERATING THE CARRIER-LIFT® INCLINED PLATFORM LIFT FROM THE PENDANT

Before using your CARRIER-LIFT unit, it is important for you to receive a full demonstration of the lift's features, benefits, and capabilities from an ACCESS-ABILITY authorized representative and read this entire manual.

1. Depending on the unit's location, (top landing, intermediate landing, bottom landing) roll onto the platform and position the wheelchair squarely in the center of the platform. Lock the chair's wheels.

2. Lower the padded, "wrap-around" safety arms, located on the front and back of the unit carriage, in position. Until these arms are in the "drive" or "down" position, the unit will not operate.

3. Insert the operating key into the keyswitch located on the operating panel of the unit carriage and turn it clockwise to the "on" position. You will see the "power" light illuminate. **Note:** If the emergency stop switch is activated or the platform is not folded down completely, the unit will not run.

4. The lift can now be operated by applying light, but constant pressure, to the control button that designates "up" or "down" direction of travel. The lift will stop when you release pressure from the button. When you start your travel and continue it with constant pressure, the unit will automatically stop when you reach the landing you have chosen.

   If the unit is more than a "two stop" unit, the lift will automatically stop at each landing the unit has been designed to stop. If you want to bypass an intermediate stop, simply release the control button momentarily at the stop, let the ramp drop, and re-activate the control button in the direction you choose.

5. When you have reached your destination, the unit will stop and the access ramp will automatically lower onto the landing.

6. You are now ready to exit the platform on to the landing destination you have chosen. Remove the key from the operating control panel and raise the "wrap-around" safety arm. Unlock the wheels to your chair and roll off the platform onto the landing.

USING THE ATTENDANT CONTROL PENDANT:

The CARRIER-LIFT unit is equipped with a handy attendant control feature. With this coil cord control an attendant can operate the lift by walking along with the unit and rider.

OPERATING THE CARRIER-LIFT UNIT FROM THE OPTIONAL "CALL-SEND" CONTROLS:

The "Call-Send" controls operate similarly to the pendant control that is mounted to the front panel of the unit. Simply insert a key into the "Call-Send" control, turn the key on and apply light but constant pressure to the directional switch.

If any unit keylock is turned on, the "Call-Sends" are deactivated. When the keylocks in the unit are turned off and the key inserted in the "Call-Send" control and turned on, the "Call-Send" may be used.

OPERATING THE POWER FOLD:

The CARRIER-LIFT unit is equipped with a "power fold" feature. This feature allows the unit platform to be folded up when it is parked at the top, intermediate, or bottom landing. With the safety arms in the up position, the unit's control key must be removed. Using this key, the power fold controls can be unlocked and operated for folding the unit platform up for storage and down for use. The key should be removed after folding, to prevent unauthorized use. The platform has to be either completely folded up or down in order for the Carrier-Lift unit to run.

POWER SUPPLY:

The Model 89 is powered by two twelve volt gel-cell batteries. The batteries are completely sealed and maintenance free. Since no liquids are required, fluid level checks, refilling, spills and leakages are eliminated.

There are recharging stations built into the Carrier-Lift rail, usually at both the top and bottom landing. **It is very important to park the unit at these charging stations.** When the unit arrives at the charging stations the unit will stop and the "charger" light will illuminate. The "low battery" light will illuminate if the batteries need charging.

The Model 92 is powered by a dedicated 110 Volt 20 amp household circuit. The circuit must be protected by a fuse or circuit breaker.

CIRCUIT PROTECTION AND SAFETY FEATURES

OBSTRUCTION SENSORS:

The CARRIER-LIFT Inclined Platform Lift is equipped with sensors on the bottom and leading edges of the platform and on the access ramps. If anything or anyone should come in contact with the lift during its travel up or down, the sensors will automatically stop the unit's travel until the obstruction is removed or the unit is backed away from the obstruction. On the Model 89 an obstruction sensor light on the unit's control panel will signal the obstruction and stay lit until the unit is off the obstruction.

EMERGENCY STOP:

Each Carrier-Lift unit is equipped with an Emergency Stop Switch on the control panel and pendant control. If, for some reason, you choose to stop the unit while it is traveling and it will not stop by releasing the constant pressure switch, you may do so by pushing the Emergency Stop switch. By pushing the switch you will terminate power to the motor until the switch is pulled back out on the pendant control, or turned ¼ turn clockwise on the control panel.

OVERSPEED MONITORING DEVICE:

The Carrier-Lift is equipped with an overspeed monitoring device. In the unlikely event that the carriage should overspeed, power is terminated and a mechanical locking pawl simultaneously locks the unit to the rail. In the event the overspeed device is activated, call an ACCESS-ABILITY authorized representative immediately. Do not attempt to repair it yourself.

FUSES:

The control circuitry in the Carrier-Lift is fused. On the Model 89 fuses are in the charger transformer box located near the Carrier-Lift rail. On the Model 92 the ramp, control circuit and power fold system are protected by a circuit breaker mounted on the rear panel of the unit. If the travel of the platform is obstructed while power folding the circuit breaker will set. To reset Model 89, remove the obstruction and push the center of the circuit breaker in. The main drive motor is protected by a 50 amp toggle circuit breaker located on the rear panel of the unit. If this circuit breaker "trips", have an ACCESS-ABILITY authorized representative evaluate the system.

Only an ACCESS-ABILITY authorized representative should access, test, and replace the fuses on the Carrier-Lift unit.

RESET SWITCH:

On the Model 89, the reset switch on the console will "reboot" the electronic system if the system shuts down. To reset the system, push in on the switch and release, wait for approximately 5 seconds and continue with normal use.

MANUAL LOWERING DEVICE:
The Carrier-Lift unit is provided with a Manual Lowering Device for moving the carriage when the unit is not able to operate under its own power. This should only be attempted by an ACCESS-ABILITY authorized representative or a **trained** attendant.

Manual Lowering Device Operation: To run the carriage up, push the Emergency Stop Button on the console. Slide the manual lowering device over the hex shaft on the end of the motor and turn the handle in the appropriate direction to move the unit up the rail.

To run the carriage down, you will have to manually disengage the overspeed locking pawl. Push the Emergency Stop Button in so the controls cannot be used while manually lowering the unit. Next, insert a ¼" diameter shaft through the hole in the locking pawl cover and make contact with the locking pawl. Push in gently, which will allow the locking pawl to disengage. Slide the manual lowering device over the hex shaft at the end of the motor and turn the device in the appropriate direction. When you are done manually lowering the unit, remove the ¼" shaft.

KEEPING YOUR INCLINED WHEELCHAIR LIFT TROUBLE FREE

HELPFUL HINTS. Your wheelchair lift has been designed to provide years of trouble-free service. Please follow these helpful hints:

DO keep your lift clean and free of dust and dirt.

DO make sure you have adequate voltage. Properly grounded 110 volt household current is all that is required.

DO make sure the voltage supply is uninterrupted. The Model 89 unit needs to be charging at all times when not in use.

DO call an ACCESS-ABILITY authorized representative for repair of any kind.

DO NOT put anything on the rails that might impede the movement of the lift.

DO NOT operate the lift with more than one person on the platform.

DO NOT stand on the platform. Remain seated at all times with your seat belt fastened.

DO NOT allow children to play on the lift.

DO NOT use excessive pressure on the control buttons. Too much pressure could damage the switch.

DO NOT use the lift to move furniture or other items. It is "wheelchair" lift.

DO NOT attempt to power fold the platform with anything on the platform.

DO NOT attempt to service the lift yourself. Call an ACCESS-ABILITY authorized representative.

MANUFACTURER'S LIMITED WARRANTY: CARRIER-LIFT®

ACCESS-ABILITY, INC., 151 W. 4th Street, Bethlehem, PA 18015-1695, hereby delivers the manufacturer's limited warranty to the ORIGINAL PURCHASER ONLY for a **one year period on all component parts**, commencing with the date of purchase, that each lift and all parts used in the unit shall be free of defects in material and workmanship, provided owner subscribes to periodic ACCESS-ABILITY'S Routine Preventive Maintenance as recommended by the manufacturer. A copy of this Manufacturer's Limited Warranty must be completed and returned to ACCESS-ABILITY, INC. within 30 days from the date of the unit's original purchase in order for this Limited Warranty to go into effect. OTHERWISE, THIS LIMITED WARRANTY WILL NOT BE APPLICABLE.

The following are examples of items not considered manufacturing defects and are not covered by this Limited Warranty. 1. Difficulty or damage resulting from improper assembly, operation, care or maintenance. 2. Minor mechanical adjustments such as tightening of nuts, bolts, and screws. 3. Damage or difficulties due to misuse, neglect, fire, flood, acts of God, ordinary wear and tear, and damage during shipment (that would be the responsibility of the freight carrier).

NO WARRANTY IS EXTENDED, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AFTER EXPIRATION OF ONE YEAR FROM THE DATE OF THE ORIGINAL PURCHASE OF THE UNIT. ACCESS-ABILITY, INC. and the manufacturer 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, and the limit of liability of ACCESS-ABILITY, INC. and the manufacturer 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.

To make a claim under this Limited Warranty, immediately send to ACCESS-ABILITY, INC. a notice of your claim, setting forth the defect complained of, along with a copy of the original invoice or other proof of purchase, and a copy of the unit's maintenance records or proof that owner has subscribed to ACCESS-ABILITY'S Routine Preventive Maintenance and the serial number of the unit. Your notice must be received by ACCESS-ABILITY, INC. within the warranty period from the date of the unit's original purchase. Any defect in the unit due to materials or workmanship will be repaired or the unit replaced without charge for materials. If the unit is not delivered to ACCESS-ABILITY, INC. for repair or replacement, an ACCESS-ABILITY authorized representative may make a service charge for going to the location of the unit. **Such charge is not covered under this Manufacturer's Limited Warranty.** ALSO, THIS LIMITED WARRANTY DOES NOT COVER ANY LABOR OR SERVICE CHARGES INCURRED IN THE REPAIR OR REPLACEMENT OF A DEFECTIVE UNIT OR PART BY AN ACCESS-ABILITY AUTHORIZED REPRESENTATIVE. It is permissible to have any repairs made or replacement work done as a result of any defects in material and workmanship by any experienced/qualified person other than an ACCESS-ABILITY authorized representative 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 ACCESS-ABILITY parts to be covered by this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state. The purchaser acknowledges receiving a copy of this warranty by signing below and returning one signed copy to ACCESS-ABILITY, INC.

Purchaser's Signature	Printed Name	8/28/06 Purchase Date	03177IG Serial Number

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To make a claim under this Limited Warranty, immediately send to ACCESS-ABILITY, INC. a notice of your claim, setting forth the defect complained of, along with a copy of the original invoice or other proof of purchase, and a copy of the unit's maintenance records or proof that owner has subscribed to ACCESS-ABILITY'S Routine Preventive Maintenance and the serial number of the unit. Your notice must be received by ACCESS-ABILITY, INC. within the warranty period from the date of the unit's original purchase. Any defect in the unit due to materials or workmanship will be repaired or the unit replaced without charge for materials. If the unit is not delivered to ACCESS-ABILITY, INC. for repair or replacement, an ACCESS-ABILITY authorized representative may make a service charge for going to the location of the unit. **Such charge is not covered under this Manufacturer's Limited Warranty.** ALSO, THIS LIMITED WARRANTY DOES NOT COVER ANY LABOR OR SERVICE CHARGES INCURRED IN THE REPAIR OR REPLACEMENT OF A DEFECTIVE UNIT OR PART BY AN ACCESS-ABILITY AUTHORIZED REPRESENTATIVE. It is permissible to have any repairs made or replacement work done as a result of any defects in material and workmanship by any experienced/qualified person other than an ACCESS-ABILITY authorized representative 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 ACCESS-ABILITY parts to be covered by this Limited Warranty.

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Purchaser's Signature	Printed Name	Purchase Date	Serial Number
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