



BY
V-BRO PRODUCTS

RESIDENTIAL MOTORIZED PLATFORM LIFT SYSTEM

Model: GG8220PL

INSTALLATION AND OPERATING INSTRUCTIONS

Distributed Exclusively by
V-BRO PRODUCTS


www.GarageGator.com

For technical questions and replacement parts, please call 1-888-GATOR-08

Save this manual for future reference.

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When you see the  **WARNING** safety symbol on the following pages this will alert you of the possibility of serious injuries or death if you do not comply with the corresponding instructions. The hazard may come from something mechanical or for the electrical shock. Read the instructions carefully!



To reduce the risk of severe injury or death:

1. READ AND FOLLOW ALL SAFETY, INSTALLATION AND OPERATION INSTRUCTIONS. If you have any questions or do not understand an instruction contact V-Bro Products.
2. Do not use to lift people or animals.
3. Do not use to support a load over people or animals.
4. Never operate while hand(s) are near moving parts.
5. Do not stand under lift.
6. Let unit cool down for 10 minutes after every cycle.
7. Remove all plastic from cable spools before operating.

- ☐ Power drill with 1/2" wood drill bit



- ☐ Step ladder



- ☐ Pliers



- ☐ Safety glasses



- ☐ Ratchet and 1/2" socket



1/2" socket

- ☐ Adjustable, open ended wrench



- ☐ Phillips screwdriver



- ☐ Tape Measure



- ☐ Pencil



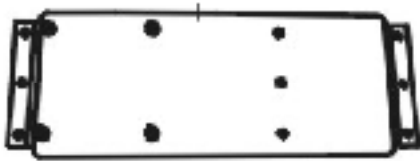
- ☐ Stud Finder (optional)



Carefully inspect your new motorized storage unit for any possible damage and/or shortage of parts. Separate all major components and parts as detailed below and on the next page. Do not attempt installation if parts are damaged or missing. If parts of your GG8220PL are missing or appear damaged call V-Bro customer service at 1-888-GATOR-08, Monday - Friday, 8:00 AM to 5:00 PM Eastern Time. Before calling carefully check the carton as parts may be in the packing material.

MAJOR COMPONENTS

(A) Motor Mounting Plate



IMPORTANT NOTE

The motor mounting plate (A) and motor hoist (B) are bolted together when shipped. ***IT IS NECESSARY*** to remove the motor hoist from the motor mounting plate by ***loosening*** (it is not necessary to remove) the nuts from the fixed, threaded bolts on the motor mounting plate. Once loosened, the motor hoist can easily be slid off the motor mounting plate.

(B) Motor Hoist



(C) Spacer Channel Bar



(D) Spacer Channel Pulley Bar



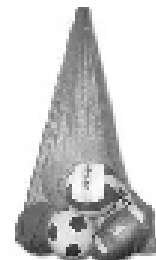
(H) Hooks x4



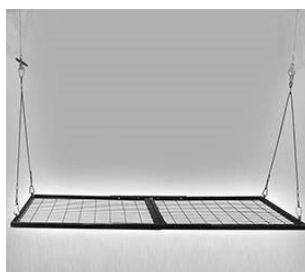
(I) Bike Cables x2



(J) Bonus Storage Net



(X) 200lb Capacity Platform



PARTS



(K) 3" lag bolt x6



(U) 3/4" hole saw drill bit x1



(N) 5/16" nut x4
(shipped attached to part A)



(T) hand control switch
holder hook x1



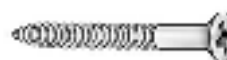
(P) 1/4" x 1/2" bolt x1



(Q) 6mm nut x1



(R) power cord cable clamps x2



(S) 2" wood screws x2



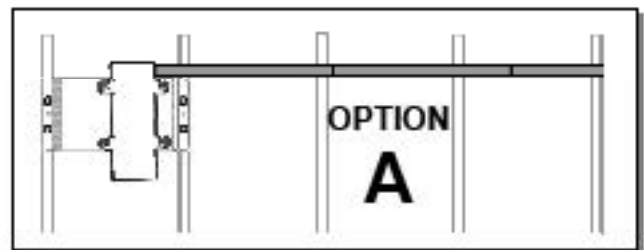
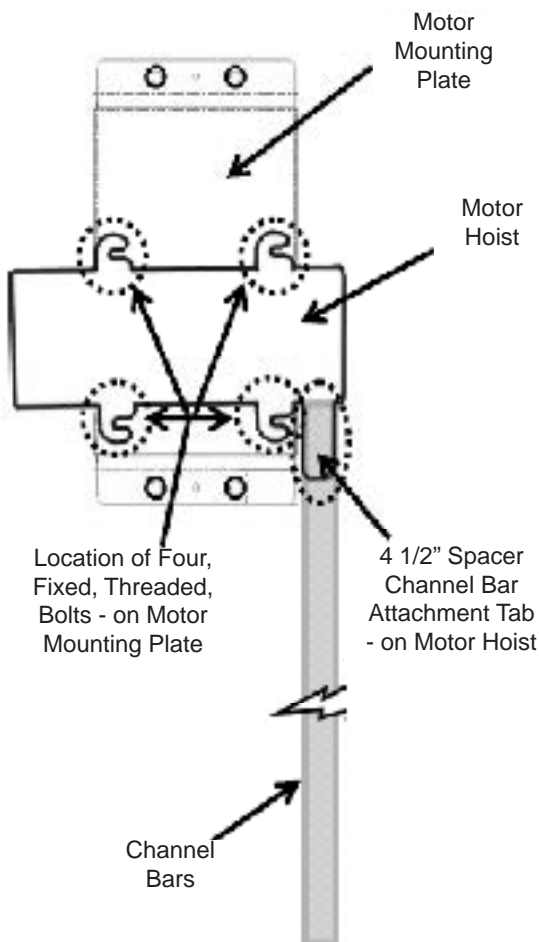
(V) paper motor mounting plate
template x1

*Drawings & photos for illustrative purposes only - actual parts may vary from those pictures.
Parts are not shown actual size*

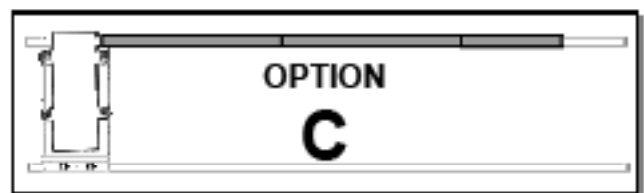
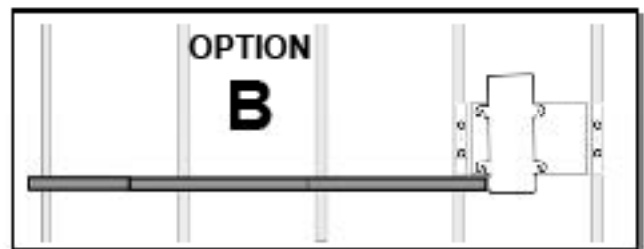
Step 1

Determine motor mounting plate location on the ceiling

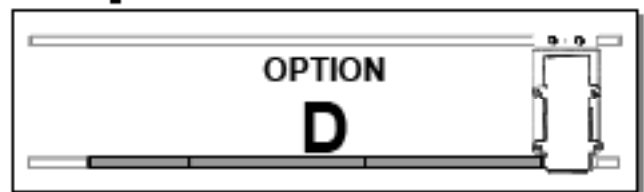
- Choose a location in your garage where you would like to install your Garage Gator model GG8220PL - an unobstructed operating space of at least 3 feet by 4 feet is required. The motor mounting plate (A) should be installed at least 3 feet away from walls or any other obstructions.
- The GG8220PL is designed to be installed either perpendicular or parallel to the ceiling joists and can be installed on joists with 16" or 24" spacing.
- Select an installation location close to a power supply (preferably a ceiling outlet).
- In the chosen installation area determine the direction of the ceiling joists and the exact location of the ceiling joists by visually checking or using a stud finder or a very fine drill bit.
- Four installation options are illustrated below. Note how the motor mounting plate (A) and motor hoist (B) are positioned for your installation - in particular the location of the 4 fixed, threaded bolts on the motor mounting plate and the 4 1/2" spacer channel bar attachment tab on the motor hoist.



↑ Perpendicular To Joist Installations ↓



↑ Parallel To Joist Installations ↓



Step 2 - Install the motor mounting plate to the ceiling

- Position the paper motor mounting template (V) in the installation area and mark with a pencil the four locations where the wood screws will be fastened.
- It is very important that the wood screws are fastened to the center of the joists. Use the hole saw drill bit (U) or cut away the drywall with a utility knife to obtain an unobstructed view of the width of the joists so the exact center can easily be determined (covered ceilings only). It may be necessary to again use the motor mounting template and a pencil to mark where the wood screws are to be fastened.
- Using a power drill with a 1/8" drill bit attached drill four pilot holes into the center of the joists.
- Identify your installation option by referring to the illustrations on page 7. Determine how the motor mounting plate should be rotated - where the fixed, threaded bolts should be located - **prior to fastening to the joists. Ensure your motor mounting plate is rotated properly before placing the motor mounting plate on ceiling. (SEE ILLUSTRATIONS ON PAGE 7)**
- Place the motor mounting plate (A) **without** the motor hoist (B) attached over the screw holes. (To remove the motor hoist from the motor mounting plate loosen (it is not necessary to remove) the nut from the fixed bolts on the motor mounting plate and slide off the motor hoist.)
- Using the ratchet and 1/2" socket fasten four of the 3" lag bolts (K) into the joists until the motor mounting plate is securely fastened. **(SEE FIG. 1)**

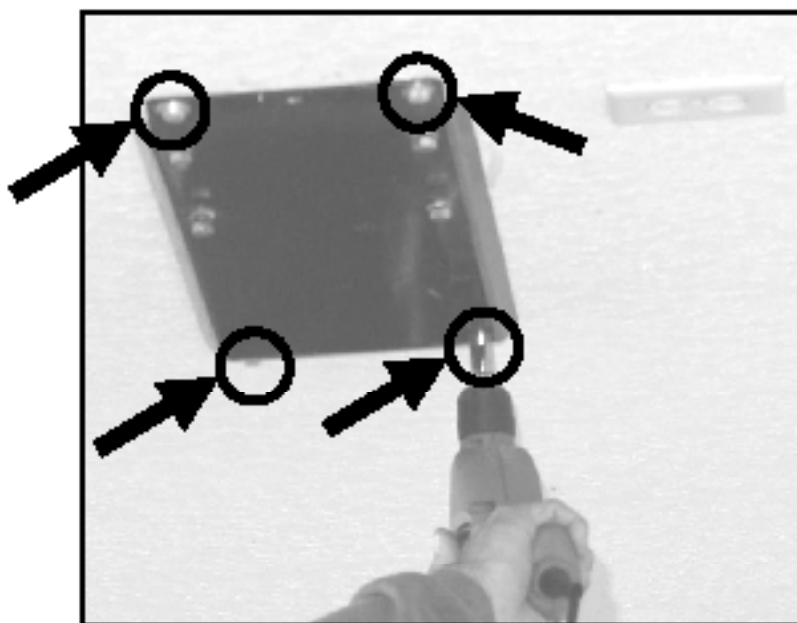


FIG. 1

⚠ WARNING

Motor mounting plate must be fastened to wooden joists in the building framing. Do not fasten to drywall, particle board, plaster or other such materials.

Step 3

Attach the motor hoist to the motor mounting plate.

- Identify your installation option by referring to the illustrations on page 7. Determine how the motor hoist should be rotated - which direction the spacer channel bar attachment tab should be pointing. **Ensure your motor hoist is rotated properly before placing the motor hoist on the motor mounting plate.** **(SEE ILLUSTRATIONS ON PAGE 7)**
- Slide the mounting tabs on the motor hoist (B) over top of the four fixed, threaded bolts on the motor mounting plate (A) *(If there is not enough room between the washers and the motor mounting plate for the motor hoist mounting tabs it will be necessary to loosen the nuts by turning them counter clockwise.)*
- Once the motor hoist is properly positioned on the motor mounting plate tighten the nut with the ratchet or the adjustable wrench until the motor hoist is securely attached to the motor mounting plate. **(SEE FIG. 3)**

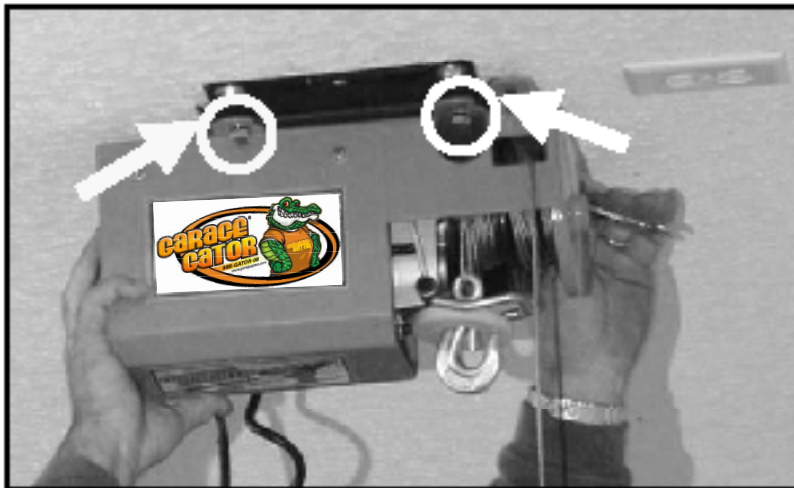


FIG. 3

⚠ WARNING

Slide the motor hoist until the tabs are firmly against the threaded bolts. Do not leave any space between the bolts and the enclosed end of the mounting tabs.

Step 4

Connect and install the spacer channel and spacer pulley bars

- Insert the flared end of a spacer channel bar onto the fixed bolt coming down from the motor plate tab above the cable spools on the motor hoist. Attach a 6mm washer (L) and a 6mm nut (Q) to the fixed bolt and tighten with the adjustable wrench until the spacer channel bar is securely fastened to the motor hoist. **(SEE FIG. 4)**



FIG. 4



FIG. 5

- Line up the hole in the end opposite the pulley of the spacer channel pulley bar (D) over the hole in the spacer channel bar (C). Thread a 1/4" x 1/2" bolt (P) into the hole and tighten with a ratchet or adjustable wrench until the spacer channel pulley bar is securely fastened. **(SEE FIG. 5)**
- Press the spacer channel pulley bar flush with the ceiling and mark with a pencil where the wood screws will be used to attach the bar to the joist. It is very important that the wood screws are fastened to the center of the joist. Use the hole saw drill bit (U) or cut away the drywall with a utility knife to obtain an unobstructed view of the width of the joist so the exact center can easily be determined (covered ceilings only). It may be necessary to reposition the spacer channel pulley bar and mark with a pencil where the wood screws are to be fastened.
- Using a power drill with a 1/16" drill bit attached drill a pilot hole into the center of the joist.
- Using the ratchet and 1/2" socket fasten a 3" lag bolt (K) into the joist until the spacer channel pulley bar is securely fastened to the joist.

Step 5

Install the cable over the channel bar pulley

- Plug in the motor hoist (B) to the nearest 120 volt power outlet.
- Use the hand control switch and safely lower the cables until 9 feet of cable is visible.
- Unplug the power cord from the outlet.
- Temporarily remove the pulley at the end of the spacer channel pulley bar (D) (use pliers to remove the cotter pin then remove the clevis pin to release the pulley) (SEE FIG. 7A & 7D)

- Place the cable coming out of the rectangular opening closest to the spacer channel bar (indicated by arrow in figure 7B) over the top of the pulley at the end of the spacer channel pulley bar. (SEE FIG 7B & 7C)

CAUTION: Use care when handling the cables - frayed or rough spots on the cable could cause injury.

- Once the cable has been placed over the pulley reinstall the pulley to its original position, insert the clevis pin and refasten the cotter pin. (SEE FIG 7D)

⚠ WARNING

To reduce the risk of electrical shock, this equipment has a grounded type plug that includes a third (grounding) pin. This plug will only fit a grounded type outlet. If you do not have a grounded outlet, contact a qualified electrician to install one. DO NOT alter the plug in any way.

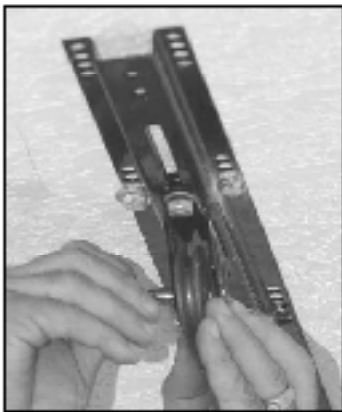


FIG. 7A

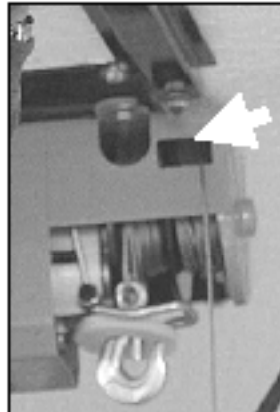


FIG. 7B



FIG. 7C

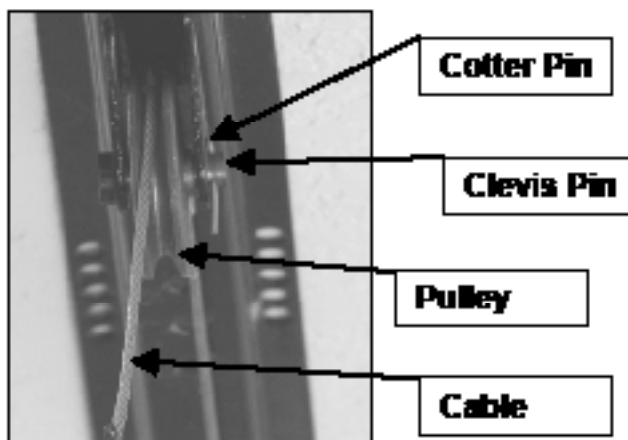


FIG. 7D

⚠ WARNING

Be sure to bend the two legs of the cotter pin to ensure that the clevis pin does not slip out.



Step 6

Install the hand control switch hook

- Secure the hand control switch holder hook (T) to a convenient location on the closest appropriate wall by removing the protective paper from the adhesive strip then adhere the hook to the wall by applying pressure with your fingers. (**SEE FIG. 10**)

Step 7

Plug in the unit

- Plug in the motor hoist (B) to the nearest 120 volt power outlet. You may wish to use the power cord cable clamps (R) and the 2" wood screws (S) to secure the power cord or extension cord (not provided) to the ceiling or wall.

Step 8

Test the unit

- Press and hold the rocker switch on the hand control to raise and lower the platform. When the platform reaches the uppermost travel point the ring above the cable hook will trigger the limit switch ceasing upward movement. (**SEE FIG. 11**)

Step 9

Using the key lock feature

- To prevent unauthorized use the GG8220PL is equipped with a key lock feature. (**SEE FIG. 12**) An indicator light will be lit on hand remote when unit is powered.
- When the key is turned to the "OFF" position and removed from the hand control switch the unit will not function until the key is reinserted and turned to the "ON" position.

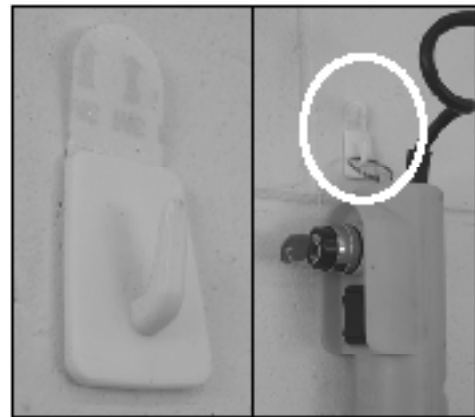


FIG. 10

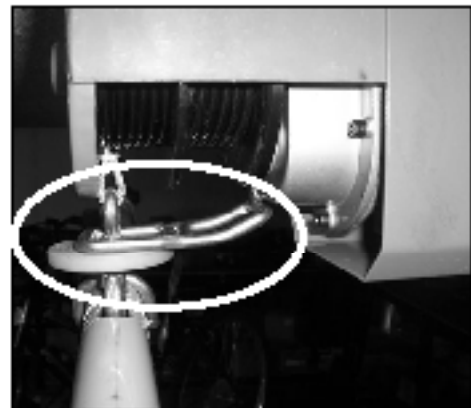


FIG. 11

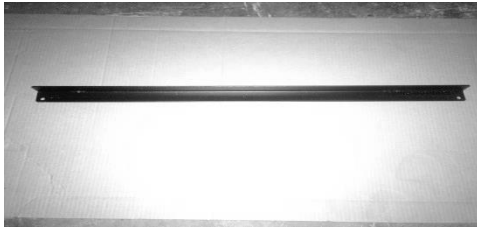


FIG. 12

PLATFORM ASSEMBLY INSTRUCTIONS

Garage Gator Platform

A – Side Angle Iron (4



B – 2" x 5/16 Bolt, Nut & Washer Set x 8



C – 2 ¾" x 5/16 Bolts, Nuts & Washer Set x 4
(For Middle Connection)



D – Eye Bolts x 4



E - platform cable x2



F- Gridded Platform Slats x 2



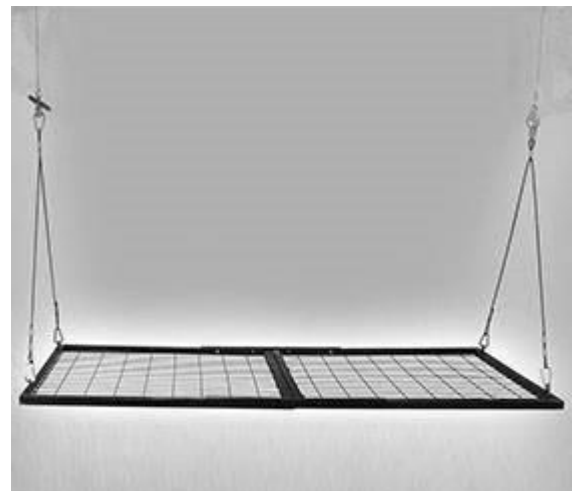
Step 1 Attach and line up the holes of the 2 (3"x3") platforms and bolt together from the middle using the 2 ¾" x 5/16 bolts along with the nut and washers provided (Item C).

Step 2 Attach each angle iron (2 angle Irons) to the outside of the platform edge, lining up the holes, once the middle section has been secured (using the 2" x 5/16 bolts, nuts and washers; Item B).

Step 3 Attach the Eye Bolts (4 Eye bolts; item D) to each of the four corners with washers and nuts.

Step 4 Ensure all bolts and nuts are tightened.

Step 5 Attach platform cables (E) to corner Eye Bolts (D).



TO RAISE OR LOWER THE PLATFORM:

- ❖ Do not stand under the lift.
- ❖ Turn the key in the hand control switch to the “ON” position.
- ❖ Press and hold the rocker switch in the direction you want the platform to travel.
- ❖ Release the switch when the desired location is reached.

TO LOAD THE PLATFORM:

- ❖ Lower the platform to a comfortable height.
- ❖ Evenly distribute the weight of articles stored.
- ❖ Do not overload the platform - maximum capacity is 200 pounds.
- ❖ Be sure items are secured before raising the platform.

Examples of items that can be stored***Golf Bags***

Canoe/Kayak - (Capacity on platform must no exceed 200 pounds)

Spare Tires

Storage Net - ideal for balls, toys, helmets, etc.

Ladders***Tools***

DO NOT OVERLOAD THE PLATFORM.

Maximum capacity is 200 pounds for all articles on the platform.

CONTACT INFORMATION*Garage Gator Motorized Storage Unit*

V-Bro Products is on call. Installation and service information as well as ordering repair parts is as near as your telephone Monday - Friday 8:00 AM to 5:00 PM Eastern Time (subject to holidays). Contact us toll free.

V-Bro Products
28114 County Road 561
Tavares, Florida 32778
Phone: 1-888-428-6708
email:info@garagegator.com

1-888-GATOR-08

MAINTENANCE*Garage Gator Motorized Storage Unit*

1. Check to be sure the motor is properly attached to its mounting plate. Make sure the bolts are tight.
2. Periodically check the condition of the electrical cords, plugs and controls.
3. Periodically check cables for slippage or excessive wear.

SPECIFICATIONS*Garage Gator Motorized Storage Unit*

Model -----GG8220PL

Load Capacity -----200

lbs Lifting Height ----- 117

inches Lifting Speed -----

33ft/min Cable Length -----

165 inches Cable Diameter

----- 1/8 inch **Voltage**

----- 120V / 60 HZ 4.5 Amps **Motor**

----- 3/4 HP



LIMITED WARRANTY

What is covered: Any defect in material and workmanship from personal, normal household use in accordance with the Owner's Manual.

For how long: Garage Gator Model 220. One year from date of purchase.

Who Gets the Warranty: The warranty is limited to the consumer who originally purchased the product.

Geographic Scope: This warranty applies only to the Residential Motorized Platform Lift System purchased in the United States and Canada.

What we will do: If your Residential Motorized Platform Lift System is defective, we will send replacement parts or, at our option, replace it at no charge to you. If we send replacement parts for your Residential Motorized Platform Lift System, we may use new or reconditioned parts. If we choose to replace your Residential Motorized Platform Lift System, we may replace it with a new or reconditioned one of the same or similar design.

Limitations: IMPLIED WARRANTIES, INCLUDING THOSE OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY (AN UNWRITTEN WARRANTY THAT THE PRODUCT IS FIT FOR ORDINARY USE) ARE LIMITED TO ONE YEAR FROM DATE OF PURCHASE. WE WILL NOT PAY FOR: LOSS OF USE OF YOUR RESIDENTIAL MOTORIZED PLATFORM LIFT SYSTEM OR PROPERTY DAMAGE CAUSED BY YOUR RESIDENTIAL MOTORIZED STORAGE UNIT OR ITS FAILURE TO WORK ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES; ANY DAMAGES RESULTING FROM MISUSE OR MODIFICATION OF YOUR RESIDENTIAL MOTORIZED PLATFORM LIFT SYSTEM. Some states and provinces do not allow limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above exclusions may not apply.

How to get Warranty Service: To get warranty service for your Residential Motorized Platform Lift System, you must provide proof of date and place of purchase of the product. Trained representatives will assist in diagnosing the problem and will arrange to supply you with required parts for repairs.

What This Warranty Does Not Cover: This warranty does not cover installation, commercial use, defects resulting from accidents, damage while in transit to our service location or damage resulting from alterations, misuses or abuse, lack of proper maintenance, unauthorized repair or modifications of the product, affixing of any attachment not provided with the product, staples through wiring, pinched or broken wires, broken cables, power outages, use of extension cords, missing or damaged parts or discounted, clearance, final sale or taped cartons, fire, flood, acts of God, or failure to follow the Owner's Manual. **This warranty is the only one we will give on your Residential Motorized Platform Lift System, and it sets forth all our responsibilities regarding your Residential Motorized Platform Lift System. There are no other express warranties.**

State and Province Rights: This warranty gives you specific legal rights, and you may also have other rights that vary from state to state and province to province.

PARTS LIST

- | | | | |
|-----|---------------------------------|-----|-----------------------------|
| 1. | Motor housing assembly | 18. | Fan |
| 2. | Drum assembly with cable & hook | 19. | Fan cover |
| 3. | Shaft | 20. | Motor cover |
| 3A. | Snap ring | 21. | Terminal box |
| 4. | Bearing | 22. | Control handle |
| 5. | Gearcase | 23. | Condenser |
| 6. | Gear | 24. | Rocker switch |
| 7. | Bearing (2) | 25. | Key lock |
| 8. | Middle shaft | 26. | Cable strain relief |
| 9. | Gear | 27. | Motor mounting plate |
| 10. | Front cover | 28. | Channel spacer bar A |
| 11. | Bearing | | Channel spacer pulley bar C |
| 12. | Shell & stator assembly | | |
| 13. | Rotor assembly | | |
| 14. | Brake spring | | |
| 15. | Brake disc | | |
| 16. | Bearing | | |
| 17. | Back end cover | | |

