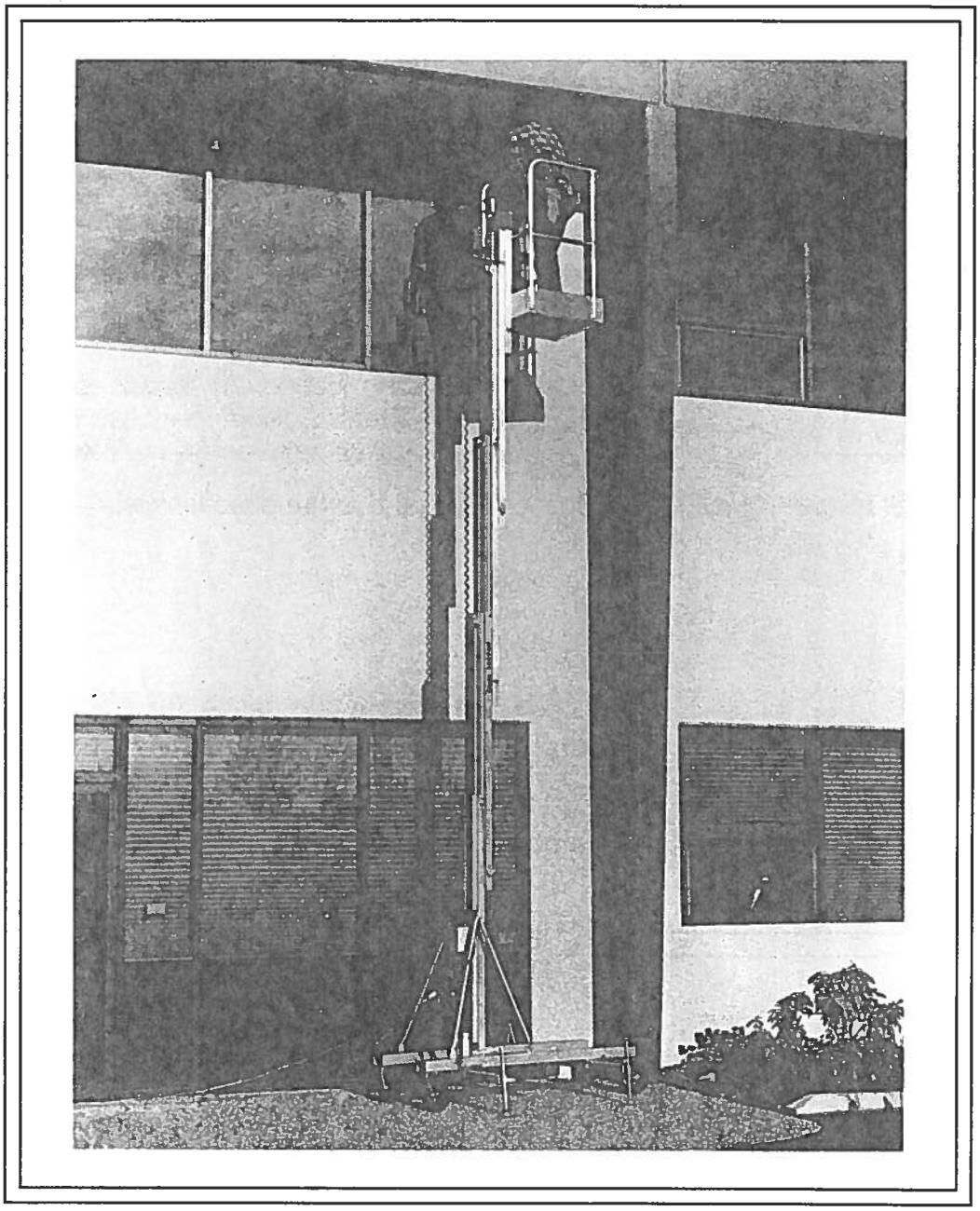
GENIE EASY-UP
(AC and DC powered units)
OPERATING INSTRUCTIONS

CAUTION: Read and understand these operating instructions before operating the Genie Powered Easy-Up.



CAUTION

1. Read and understand these instructions before operating the Genie Powered Easy-Up. Do not permit anyone to use the lift who does not understand the material in this document. A duplicate set of these instructions is contained in a watertight plastic tube on the mast and should be kept there at all times for operator reference.
2. If there is anything you do not understand, or if you have any questions regarding the operation of the Easy-Up, call 800-426-8089 or 206-881-1800 for instructions.
3. Never use an Easy-Up that is damaged or in any way appears not to be operating normally. Have the unit inspected by a qualified representative, or call the manufacturer at the above phone numbers.
4. SEE BACK OF THIS DOCUMENT FOR IMPORTANT SAFETY RULES.

SET UP

Before using the Easy-Up, install all four (4) outriggers and make sure that the base is level.

1



Insert one outrigger into each of the four (4) sockets in the Easy-Up base: lift the lock pin, slide the outrigger into the socket, release the lock pin and continue sliding the outrigger until the pin snaps into the hole in the outrigger tube.

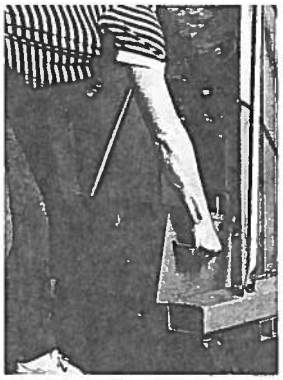
2



Adjust the four (4) leveling jacks until the pads contact the ground. Observe the bubble level on the base and further adjust the jacks until the base is level.

NEVER USE AN EASY-UP THAT CANNOT BE LEVELED.

OPERATING



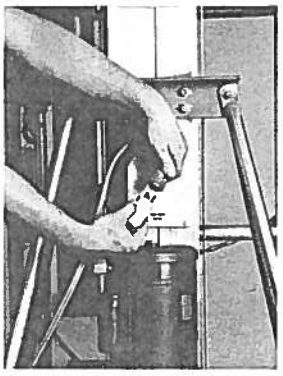
1

ON DC MODELS, fill battery with electrolyte if necessary and fully charge it in accordance with instructions (pages 9 and 10). Place battery pack into position on back of base.



2

Plug power cables into battery pack sockets so that colors are matched: black to black, red to red. Push plug in and twist it clockwise to lock in place.



3

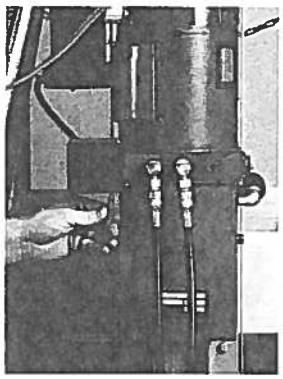
ON AC MODELS, attach pigtail power cord to your extension cord and connect to a 115V, single phase 3 wire grounded circuit, with at least 20 amp capacity. Circuit must be able to supply at least 105V **while the Easy-Up motor is running**. An industrial grade extension cord with 12 gauge or larger wire should be used.



4

To raise or lower the platform in normal operation, use switch on the railing.

5



In case of emergency or power failure the platform can be lowered from ground level using emergency down valve. It is located at the side of the power unit clearly indicated by a yellow decal. To release the valve on the AC units, push in the red knob and turn to the left as shown on decal. To release valve on DC units, pull red handle lever as specified on decal.

TRANSPORT

1



To store the stabilizers, pull up on lock pin ring, slide the stabilizer in, release lock pin ring and continue sliding the stabilizers in until it is fully inserted and the lock pin snaps in place. Remove outriggers to transport the unit through a standard 28 inch doorway.

2



Transport the Easy-Up in an upright position with the basket in its lowered position.

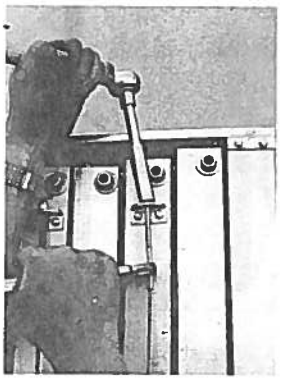
MAINTENANCE

Maintain even tension on chains — do not allow any chain to go slack. Due to slight stretch after a period of use under load, the chain tension may need adjustment. To adjust chain tension elevate the platform until chain terminal rods are exposed at the bottom of each mast section. Back off bottom lock nut and tighten top nut. Be sure bottom nut is again locked tight against top nut after adjustment. Check to be sure each pair of chains have equal tension.



1

The cables on the outside of the mast on AC units and in the black plastic end cap of the pump on DC and air motor units, assure proper sequence of retraction when lowering. Adjust only to remove slackness — do not over tighten.



2

Observe the following maintenance procedures.

1. Inspect chains or cables each day before using.
2. Keep chains well lubricated and adjust as necessary for even tension (see above).
3. Adjust outside sequence cables to maintain slight tension (see above). Do not overtighten — just remove slack.
4. If necessary to add Hydraulic fluid we recommend the use of a good quality SAE 10 grade Hydraulic oil for operating in the general temperature range of 0°F to 160°F.
5. The power unit is equipped with an inlet screen filter. The area of the filter is sufficient and the unit should run for a long period of time using CLEAN oil before the filter is clogged to the point where it would affect the operation of the unit. Periodic inspection and, if necessary, cleaning of the filter is recommended. To gain access to the filter, it is necessary to drain the reservoir of oil and remove the screws which attach it to the motor adaptor. The filter is installed onto the pipe nipple which leads to the pump on AC units and in the black plastic end cap of the pump on DC and air motor units. Use care in removing the filter as not to collapse it. Wash in suitable solvent and blow out with air from inside out. Overtightening of the reservoir screws on assembly can strip the threads in the motor adaptor. A noisy pump is generally an indication of a clogged filter.
6. Neither the pump nor the motor require any attention under normal operating conditions. The motor bearings are life-lubricated. The pump bearings are lubricated by the fluid being pumped.
7. Protect the Easy-Up from exposure to rain and adverse weather conditions. Do not allow water on electrical controls or connections.

BATTERY CHARGING

DC POWERED UNITS ONLY.

1. LEAVE BATTERY PACK COVER OPEN DURING ALL CHARGING. Dangerous gases are present during charging — keep in a well ventilated area.

2. Connect charger extension cord to a grounded AC 3-wire electrical system that has adequate circuit breaker or fuse protection.

3. For lightly discharged battery, set timer to 7 hours. For well discharged battery, set to "on" (12 hrs.). Charger automatically turns off at end of set period.

   KEEP BATTERY CHARGED — DO NOT OPERATE THE EASY-UP WITH A LOW BATTERY.

4. Check battery condition prior to each day's use. Turn on charger and see if ammeter needle jumps upward and then tapers down to finish rate area within 15 minutes. Check at least once a month if Easy-Up is not being used.

5. The state of discharge of the batteries will be slightly different each time they are put on charge, but the charger automatically varies the initial charge rate and taper of charge rate over the charge period. For well discharged batteries the charge rate at the start of the charge period should correspond to the "DC AMPS" rating on the charger nameplate. The rate should then taper gradually down to a lower finish rate. Normal charging at the low finish rate during the last 1-3 hours is necessary to achieve equalization of all battery cells. This equalization period allows the specific gravity of the battery electrolyte solution to rise to its full charge value. Since the taper of the charging rate (in amps, as indicated by the ammeter needle) is controlled by the rising voltage of the batteries being charged, proper performance of the charger and resulting good battery life is dependent upon the following factors:

   A. An adequate AC line to handle the power required (See Paragraph 2 above).

   B. All cells of the batteries must be good, rising to approximately 2.5 DC volts per cell while still on charge or near the end of a charging period. When in doubt, check each cell with a single cell voltmeter while still on charge. If a low reading is obtained, check the low cells with a temperature corrected hydrometer. NOTE: Hydrometer float must be thoroughly clean to obtain accurate specific gravity readings.

   C. Connections on the battery terminals and connector wiring must be clean and tight.

   The necessity of adding water more frequently than every two or three weeks, and/or hot battery cases at the end of the charging cycle, indicates the finish rate is too high, due to one or both of the following:

   A. One or more bad cells in the batteries.

   B. Batteries are starting to age to the point where hours of charge should be reduced gradually to obtain prolonged battery life.

BATTERY CARE

DC POWERED UNITS ONLY.

1. New batteries should be given a full charge before their first use because it is difficult to know how long the batteries have been in storage without a charge.

2. Limit use of new batteries between charges for the first 5 cycles. New batteries and older batteries which have been in storage are not capable of their rated output until they have been discharged and charged a number of times.

3. During the first month of use, particularly when temperatures are below 60°F, new batteries should be given an extra full charge once a week. The ampere-hours of energy that batteries can deliver and their charge acceptance varies directly with battery temperature.

4. As long as the charger tapers down to the specified finish charge rate near the end of the charge cycle, the batteries should be given a full charge. All cells in a set of batteries do not react identically to the same discharge and charge current. In a normal charge the last 1 to 3 hours at the low finish charge rate equalize the cells for better battery life.

5. When batteries age to the point where the charge rate will no longer taper into the low finish rate area, reduce the hours of charge progressively. Reducing the charge period will prevent excessive battery heating and the resultant high water use rate.

6. Add water carefully to the proper levels in cells as required AFTER they have been fully charged. Do not fill them so high that they bubble over while charging. New batteries require very little addition of water, whereas very old batteries may need additional water two or three times a week. Water (electrolyte) level in the cells settles when batteries are discharged and rises during charge. The probability of overfilling can be reduced by adding water when batteries are fully charged.

7. When the temperature falls below 65°F, batteries should be placed on charge as soon after use as possible. In these low temperatures a 4-hour equalizing charge once a week will improve state of charge and battery life.

8. Keep the tops of batteries and battery hold-downs clean and dry at all times. This will reduce the amount of current leakage between batteries and the frame.

SAFETY RULES

1. Do not exceed the maximum load rating of 300 lbs (136 kg). This includes one person and all equipment carried in the basket.

2. Unit base must be level before using the Easy-Up (check leveling bubble to make sure that it is centered). NEVER ADJUST LEVELING JACKS WITH A PERSON IN THE BASKET.

3. Do not operate Easy-Up on an elevated platform, scaffold, truck bed or extended surface or support.

4. ONLY ONE PERSON MAY BE IN THE BASKET.

5. Do not climb, stand on or sit on the basket railing.

6. Do not lean a separate ladder against the Easy-Up. Never apply a side load force to the unit by pushing or pulling from the basket or by hanging heavy wires or cables over the side.

7. Do not move the Easy-Up when the basket is elevated.

8. Do not operate near overhead electric lines and obstructions.

9. Do not stand under the loaded basket.

WARRANTY

GENIE INDUSTRIES, INC. warrants this product to be free from defects in material and workmanship for one year from the date of purchase, but only such defects as result from normal use.

Seller's liability shall be limited to the repair or replacement of the defective material or workmanship at its factory or authorized service center. Buyer shall be responsible for all freight charges required for the repair. Improper use of the product, lack of normal maintenance or unauthorized alteration of the product shall render this warranty void.

Seller makes no other warranty, express or implied, and specifically makes no warranty as to merchantability and fitness for any particular purpose. Seller will not be liable for any consequential or special damages resulting from any use of its products.

Qualification for warranty coverage is conditioned upon return of the warranty card and upon prompt notice of the claimed defect. Seller must be given an opportunity to examine any defect before any alteration is made.

Seller reserves the right to make changes in design or add any improvements on its basic product or any accessories thereto at any time without incurring any obligation to install such improvements on any Genie Product or accessory previously purchased.

Effective September 1, 1985, this warranty supersedes all other warranties, stated or published.

Genie Industries

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