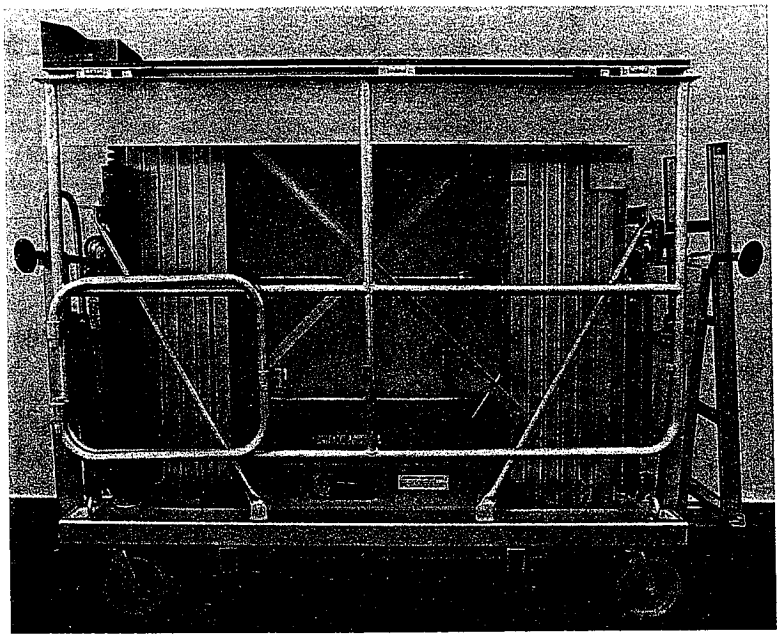
GENIE DUAL PERSONNEL LIFT



SET UP & OPERATING INSTRUCTIONS

IMPORTANT

1. Read and understand these instructions before operating the Dual Personnel Lift. 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 water tight plastic tube on the ladder mounting plate 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 Dual Personnel Lift, call 1-800-426-8089 or 1-206-881-1800 for instructions.
3. Never use a Dual Personnel Lift 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.

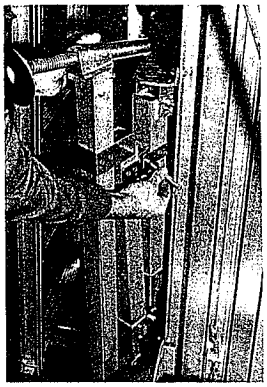
Part No. 20954

Genie

SET UP

ALL FOUR OUTRIGGERS MUST BE FOLDED DOWN AND LOCKED IN PLACE, THE PLATFORM SIDE RAILS MUST BE UP AND SECURED AND THE BASE MUST BE LEVELED BEFORE ENTERING PLATFORM.

1





Unlock outriggers from their storage position by removing lock pin. Swing down outrigger.

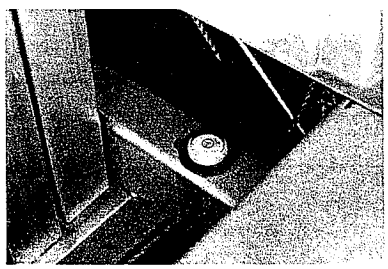
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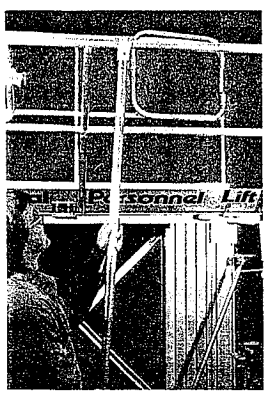
Lock outrigger hinge by inserting the same lock pin, removed above, into hinge holes.
Turn jack handles until jack pads firmly contact ground.

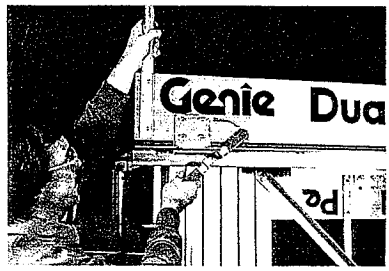
3



Using bubble level mounted on base, adjust leveling jack handles until base is level. DO NOT USE IF BASE CANNOT BE LEVELED.

4





Swing up railing to upright position (on DPL-30 & DPL-36 models, a pole is provided to make this easier). Lock railings in place using lock handles.

OPERATING

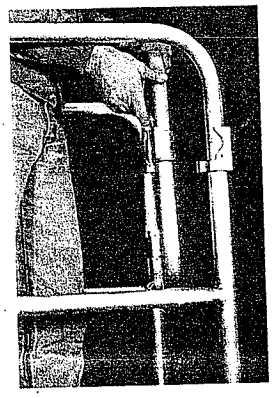


1

Before entering the platform, turn the battery safety switch to "ON". This switch can be used as an emergency shut off switch if necessary. (DC units only).

For AC units, make sure that power is supplied through a 30 amp circuit with at least 210 volts under load. Use at least a 12-3 extension cord no longer than 50 feet.





2

Enter platform using ladder attached to lift. (Do not lean a separate ladder against unit.) Close both end gates and latch in place before raising.



3

To raise or lower platform, use foot switch.

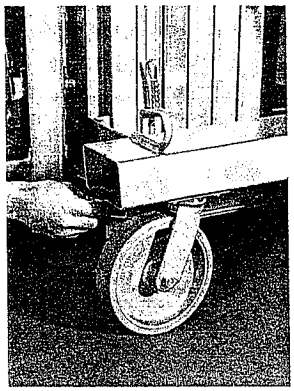


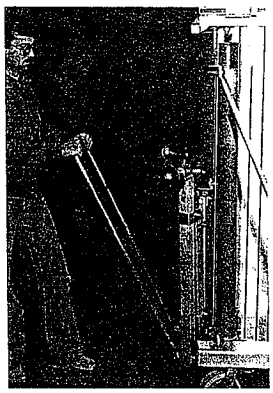
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In case of a power failure or emergency situation, the lift can be lowered from ground level by using the emergency lowering level. It is located in the opening at the side of the power pack cover. Pull it toward you to activate.

TRANSPORT AND STORAGE

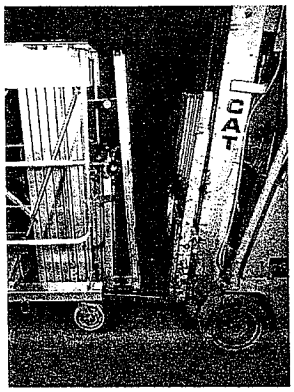
1





When manually moving the DPL, the lift will steer best if the casters on one end are locked parallel with the direction of travel. The casters are equipped with a lock pin to allow you to do this. Use the tow bar at the front of the lift to help maneuver it.

2



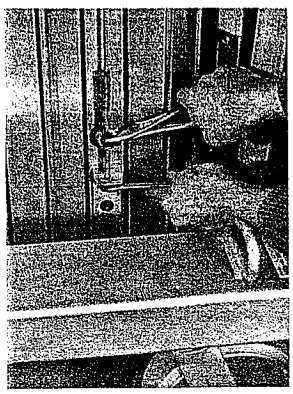
The unit can be moved with a fork lift by inserting the forks in the large tubes on the side of the lift base.

3



When storing or moving the Dual Personnel Lift, **make sure that the battery safety switch is turned to "OFF"**, the outriggers are folded up and locked into place and the railings are folded down.

4



Periodically check the two tension cables running between the masts. Adjust as necessary to maintain equal tension in both cables. Do not over-tighten - moderate tension is adequate.

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



5

MAINTENANCE

1. Inspect mast lift chains each day before using.

2. Keep chains well lubricated and adjust as necessary for even tension (see No. 5 above).

3. 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.

4. The power unit is equipped with an inlet screen filter. The area of the filter is quite adequate 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 the reservoir to the motor adaptor. The filter is screwed on to the pipe nipple which leads to the pump. CAUTION: 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 reassembly can strip the threads in motor adaptor.

5. 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.

6. Protect the Dual Personnel Lift from exposure to rain and adverse weather conditions. Do not allow water on electrical controls or connections.

BATTERY CHARGING

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 DUAL PERSONNEL LIFT WITH A LOW BATTERY

4. Check battery condition prior to each days 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 Dual Personnel Lift 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 varies automatically 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 volt-meter 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 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

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 level 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 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. Observe the maximum load rating of 750 lbs (340 kilos). This includes two persons plus all tools, materials or equipment.
2. Do not use unless outriggers, leveling jacks and platform railings are fully installed. (See instructions)
3. Be sure base is level at all times. Never adjust leveling jacks when a person is on the unit.
4. Two persons maximum in the platform.
5. Do not climb, sit, stand or hang on guard rails.
6. Use only on level floor or ground. Do not operate from an elevated platform, scaffold, truck bed or extended surface or support.
7. Never lean a ladder against the Dual Personnel Lift, or subject the unit to a horizontal force or side load by pushing or pulling from the platform, or by hanging heavy wires or cables over the side.
8. Do not move when elevated.
9. Stay clear of overhead wires and obstructions.

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 a completed "Product Warranty Registration" form 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.

This warranty supersedes all other warranties, stated or published.

Genie Industries

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