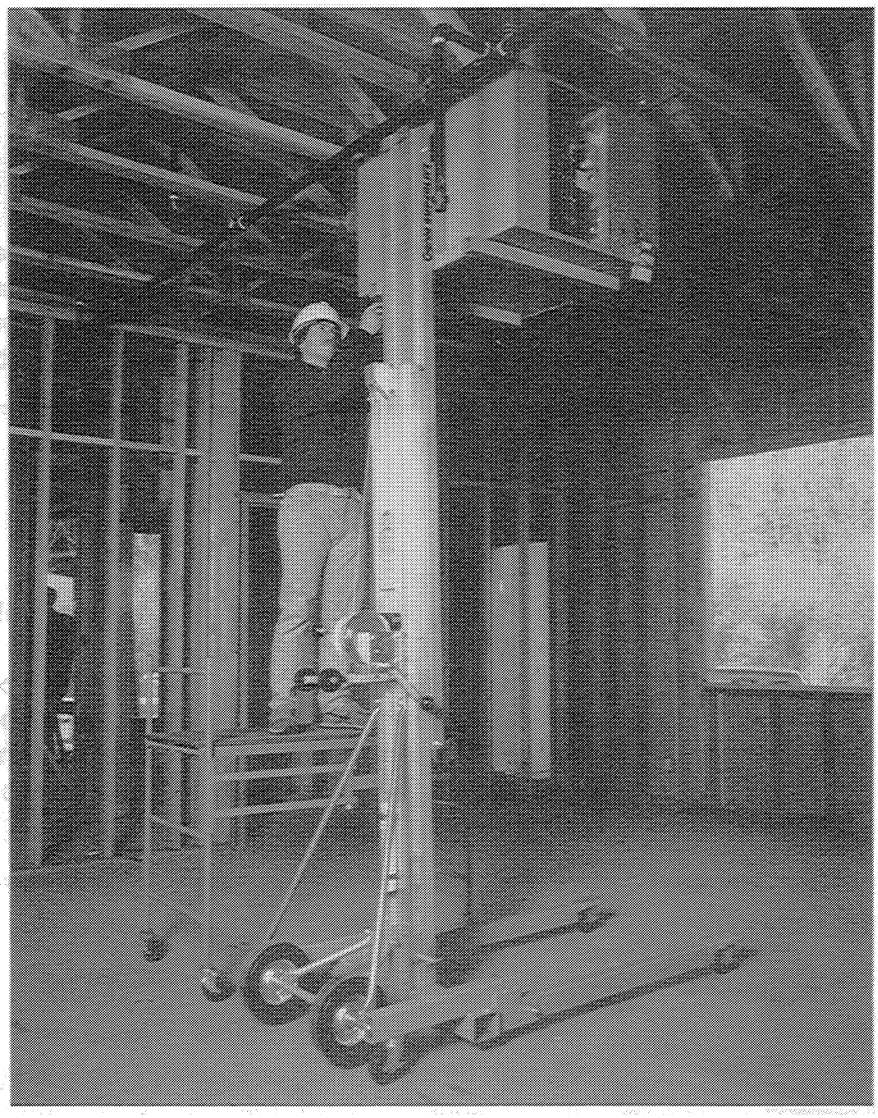
GENIE SUPERLIFT
OPERATING INSTRUCTIONS

CAUTION: Read and understand these operating instructions before operating the Genie Superlift.



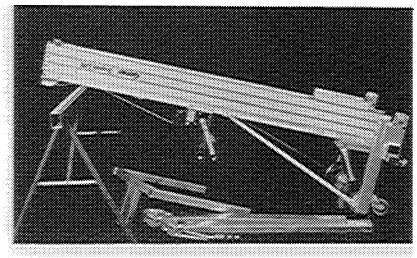
Part No. 19477

CAUTION

1. Read and understand these instructions before operating the Genie Superlift. 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 Superlift, call 800-536-1800 or 206-881-1800 for instructions.
3. Never use a Superlift 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. Keep winch well lubricated. Grease tube is included in plastic tube on back of mast.
5. See page 7 of this document for important safety rules.

SET UP

1



The Superlift is shipped with front legs and fork assembly disassembled and packed on a base crate for compact shipment. Remove base crate and steel bands, and set the parts on the floor. For easiest assembly tilt the Superlift onto a saw horse or bench.

2

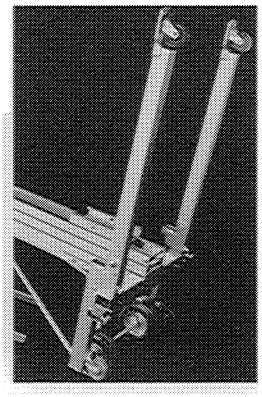


Install front legs first. Remove the two bolts in the frame joint, place the end of the leg tube between the two hinge plates and insert the 5/8 × 3 1/2″ hinge bolt first. Head of the bolt should be on the inside. Tighten the lock nut until it just contacts the hinge plate, but not so tight that the leg won't swing up for storage or transportation.

3

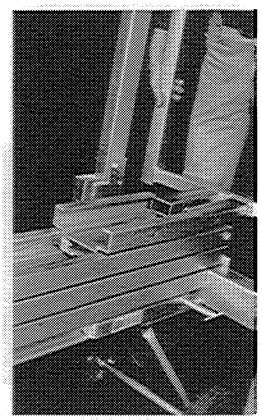


Straighten out the leg and make sure it is tight in the frame socket. Insert the 5/8 × 7″ through bolt. IMPORTANT. There must be large flat washers on top under the bolt head and against the bottom of the leg tube before installing the lock washer and nut. Tighten the nut securely.



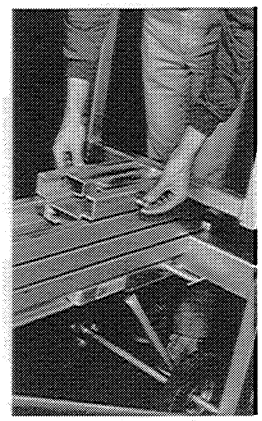
4

Install the second front leg in same manner.



5

Remove the fork retainer bolt from the carriage. Install the fork assembly, by inserting the support tubes (on the back of the fork cross bar) into the bottom of the carriage section.

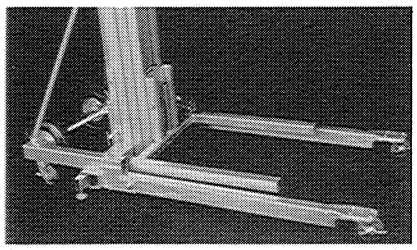


6

Reinstall the fork retainer bolt and secure with lock nut to hold the fork assembly in place.

Tilt the Superlift upright so that it is resting on all four casters. Crank the winch handle counterclockwise to lower the fork assembly all the way. Unit should appear as in picture.

Note: On models with safety brake it will first be necessary to elevate the fork assembly three or four inches to release the brake catch, and then it can be lowered.



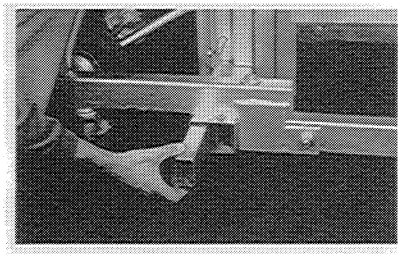
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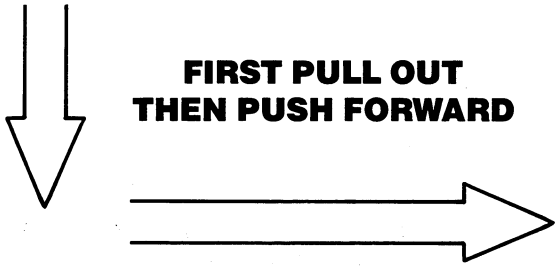


For added lifting height the fork assembly can be turned over and inserted in the top of the carriage section. This will add approximately 14″ to the normal lifting height of the Superlift. Be sure to secure the forks in this position with the retainer bolt.

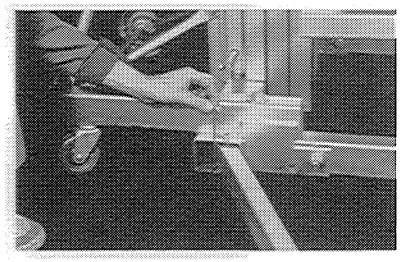
9



Outriggers are standard on SL-24 models and optional on SL-18 and SL-12 models. If your unit has outriggers, pull both out as far as they will go, and then swing each one as far forward as it will go.

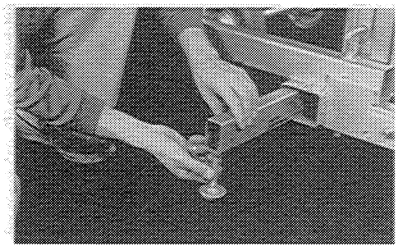


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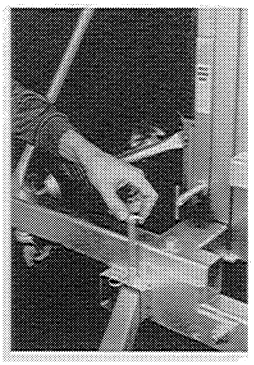
Insert the 1/4 × 4″ retainer pins through the holes in the top of the main base tube, making certain each pin goes all the way through both walls of the tube.

11



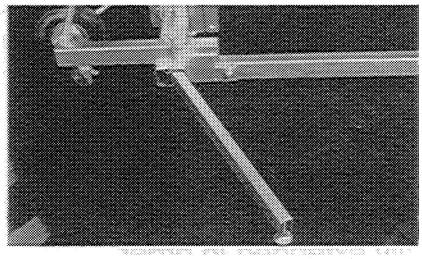
Rotate counter-clockwise the adjustable leveling pad in the end of each outrigger. Adjust until the pad just touches the floor, and then back it out about 1/2″ more.

Screw the 1/2 × 5″ tee handle bolt into the nut welded on the base tube above each outrigger. Set the outrigger by tightening the tee bolt. Check each outrigger to make sure it is pressing firmly on the floor.



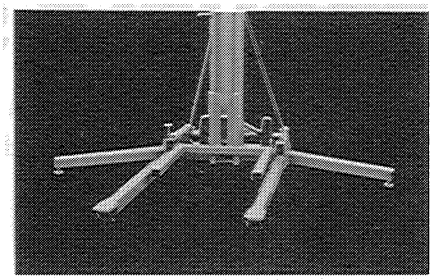
12

The side outrigger when properly set in position, adds significantly to the stability of the Superlift.



13

BOTH SIDE OUTRIGGERS CORRECTLY POSITIONED

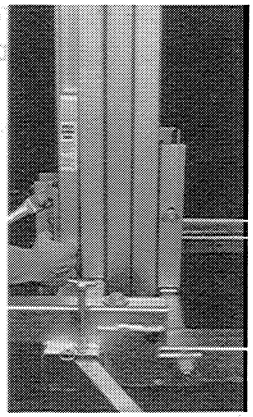


14

HOLD DOWN

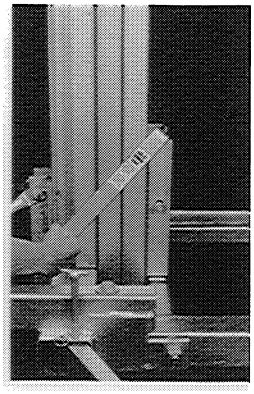
If the Superlift is laid down the telescoping mast sections will slide apart. This can kink the cable and cause other serious damage. To prevent this, a special hold-down bar is provided to connect the carriage section to the base frame. Always use this to lock the mast sections down before transporting the unit.

HOLD DOWN STORED



15

16



HOLD DOWN IN USE

SEQUENCE OF OPERATION

Before lifting a load with the Superlift, elevate the mast all the way and check for proper sequence of extension of the mast sections.

- Forks should rise to the top of the mast.
- Front mast section fully extends.
- Next section fully extends.
- All sections are fully extended in order.

This sequence of operation is reversed when lowering, with the fork assembly coming down last.

TROUBLE SHOOTING

If the sequence of operation ever changes, such as improper order of extension or two sections going together, check immediately for abnormal resistance in the system due to the following possible causes.

1. Cable has come off a pulley.
2. Faulty pulley bearing.
3. Pulley is jammed or not turning properly.
4. Defective roller.
5. Dirt or foreign particle between mast sections or on rollers.
6. Damaged carriage or mast section.
7. Overloading.

Do not continue to operate until the problem has been corrected and proper sequence of operation is attained.

SAFETY RULES

1. DO NOT OVERLOAD. Observe the maximum load capacity of 650 lbs. (300 Kilos).
2. Use on a level surface only.
3. **NO RIDERS.** The Superlift is a material lift only and is not to be used for lifting personnel.
4. Never permit anyone to stand under a load.
5. Do not lean a ladder against the Superlift.
6. Do not move the unit when elevated.
7. Stay clear of overhead wires and obstructions.
8. Center load against back of forks. Do not have the load center farther out from the back of the forks than 13″. If the load has a greater than 13″ load center, call the factory or discuss the application with your sales representative.
9. Do not operate the unit from an elevated platform, scaffold, truck bed or extended surface or support.
10. Never leave a Superlift unattended with a load partly raised. Unauthorized personnel may attempt to operate the Superlift without proper instruction creating an unsafe condition.
11. Inspect the cable before operating. Do not use the Superlift with a worn, frayed or kinked cable.
12. Never lift a load unless there is a minimum of three wraps of cable around the winch drum when the load starts to lift.

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 merchantibility 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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