

Little Giant® Ladder Systems

SKYSCRAPER Instruction Manual

Thank you for purchasing the Little Giant SkyScraper. When used correctly, the Little Giant SkyScraper is the strongest, safest, most versatile ladder in the world. Little Giant Ladder Systems subjects each ladder to comprehensive tests for safety in design and construction, so you can trust it in all the work you do. In addition, the SkyScraper meets or exceeds stringent OSHA and ANSI safety standards.

Please don't ignore the instructions! Make the most of your ladder system by learning how to use it safely. If you have any questions about how to operate your Little Giant SkyScraper, please call us. We value our customers, and we're happy to help.

Operating instructions for Little Giant® SkyScraper Telescoping A-frame ladder.

I. Description - SkyScraper Telescoping A-Frame Ladder

A. Three basic components -The ladder is a telescoping A-frame unit comprised of three basic components- an inner ladder unit, which telescopes within two outer units.

1. The inner ladder unit has a locking center hinge which allows the unit to be used in the following configurations:
 - a. A-Frame (See Figure A-1)
 - b. Staircase (See Figure A-2)

2. Locking mechanisms on the two outer units of the ladder permit the outer telescoping sections of the ladder to be adjusted in length. This lock assembly fits in any rung of the inner ladder, allowing foot by foot adjustment on either side of the ladder.

B. Model Specifications Table

C. The inner and outer side rails are made of aircraft grade aluminum.

1. There are slip-resistant aluminum rungs on both inner and outer units.
2. Both inner and outer units are finished with slip-resistant feet.

Model No.	Step ladder Height	Storage Height	Weight
SkyScraper 15'	8'0" to 15'0"	7'7"	66 lbs.
SkyScraper 17'	9'0" to 17'0"	9'7"	79 lbs.
SkyScraper 21'	11'0" to 21'0"	11'7"	103 lbs.

CAUTION: INSPECT UPON RECEIPT AND BEFORE EACH USE. NEVER USE A DAMAGED OR BROKEN LADDER.



Figure A-1 A-Frame



Figure A-2 Staircase



Figure A-3
LOCKED



Figure A-4
UNLOCKED



Figure A-5
SIDE VIEW

II. The Little Giant® Telescoping A-Frame Ladder has two mechanical component parts:

A. The HINGE - located at the top of the ladder when it is in storage position, permits you to alter the shape of the ladder. The hinge locks in the following position. (See figures A-1, A-2)

1. Unlock the hinge by pushing straight in on the palm button until it stays in the open position on both hinges (See figures A-3, A-4, and A-5).

a. **NOTE**- If there is pressure on the hinge lock pins it will make it difficult to unlock the hinge. To relieve pressure simply jiggle one half of the ladder back and forth until hinge lock pins move without force.

b. **NOTE** - DO NOT FORCE HINGE LOCK out with any tools as it will cause permanent damage to the hinge mechanism. It should never require more than light pressure to unlock the hinge if the holes are properly aligned.

CAUTION: HEED THE WARNING IMPRINTED ON THE HINGE! "HINGE LOCK MUST BE FULLY IN BEFORE USING, FAILURE TO DO SO MAY RESULT IN INJURY!"

2. You may now open the ladder to the A-frame position by pulling the two ladder halves apart until both hinge lock pins snap into the A-frame locked position. (See figure A-1)

3. To restore the ladder to the storage position, disengage the hinge locks in the A-frame position and return the ladder to its storage position.

B. The second mechanical component of the ladder is the LOCK ASSEMBLY.

There are four of these on each ladder. These permit you to change the height of the ladder (See figure B-1).

Figure B-1 Lock Assemblies



WARNING: DO NOT USE LADDER WITH DAMAGED OR REMOVED SAFETY STRAPS. FAILURE TO HEED WARNING MAY RESULT IN INJURY.

C. Adjusting the height of the ladder for use in the A-frame position.

1. With the ladder in the closed, storage position; lay the ladder flat on an unobstructed surface. (See figure C-1)
2. Unlock both hinge locks. (See figures A-4 and A-5)
3. With the ladder down on the flat surface, (See figure C-1) pull the two top lock assemblies out of the rung holes of the inner ladder and rest them on the side of the outer ladder rail. (See figures C-2 and C-3)
4. Telescope top outer unit to desired length. (See figure C-4)
5. Rotate ladder and place the extended outer unit on flat surface. (See figure C-5)



Figure C-1



Figure C-4



Figure C-5

6. Telescope remaining outer unit to desired length.
7. To raise the ladder, brace the feet against the wall and lift the hinged top; walk (rung by rung) the ladder to a vertical position. (See figures C-6 and C-7)
8. Open the ladder to the A-frame configuration by pulling the ladder halves apart until the hinges lock into place.

CAUTION: HEED THE WARNING LABEL PLACED ABOVE EACH LOCK ASSEMBLY.

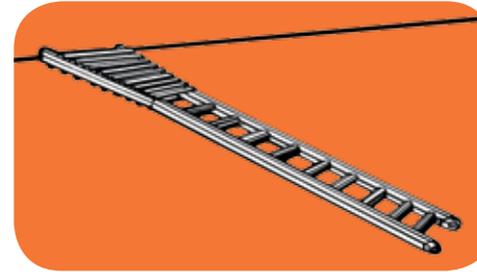
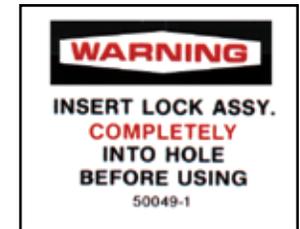


Figure C-6



Figure C-7

9. To return ladder to storage position:
 - a. In the A-frame position tip ladder to the side and lower to a flat surface.
 - b. Unlock both hinges and bring the ladder halves together.
 - c. Rotate ladder and place flat on surface.
 - d. Reverse procedures of steps C-1 through C-6.



D. Adjusting the ladder in the staircase position.

1. Adjust ladder to desired height. (See steps C-1 through C-5)
2. Then adjust side desired for proper alignment to fit the staircase (See figure D-1).



Figure D-1

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