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Little Giant 15417-001

Little Giant Ladder Systems LG Multi-Use Ladder

MODEL 15417-001 (17-FOOT WITH WHEELS) - INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the Little Giant Ladder Systems LG Multi-Use Ladder. This manual provides essential information for the safe and effective operation, maintenance, and care of your ladder. Please read this manual thoroughly before using the ladder and keep it for future reference. This ladder is designed for versatility, offering multiple configurations to suit various tasks.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always inspect the ladder before each use for any damage, loose parts, or missing components. Do not use a damaged ladder.
- Ensure all locks and hinges are fully engaged and secure before climbing.
- This ladder meets or exceeds all OSHA and ANSI standards.
- The ladder has an industrial rating with a maximum load capacity of**300 lbs (136 kg)**, including the user and any tools or materials.
- Always maintain three points of contact (two hands and one foot, or two feet and one hand) while climbing or descending.
- Place the ladder on a firm, level surface. Do not use on slippery or unstable ground.
- Do not overreach. Keep your body centered between the side rails.
- Do not use the ladder near electrical wires or other hazards.
- Always face the ladder when climbing or descending.
- Do not stand on the top cap or the step below the top cap unless specified for a particular configuration.
- Ensure the correct ladder configuration is used for the specific task to prevent accidents.



Image: Ladder specifications highlighting its Type IA 300 lbs rating, compliance with OSHA-ANSI standards, and construction from lightweight aluminum.



Image: Two people simultaneously using the ladder in A-frame configuration, illustrating its capacity to support 300 lbs on each side.

3. Components

- **Side Rails:** The main structural supports of the ladder.
- **Rungs:** The horizontal steps for climbing.
- **Hinges:** Two-pin hinge system allowing for multiple configurations.
- **Palm Buttons:** Buttons located at the hinges to change ladder configurations.
- **Rock Locks™:** Locking mechanisms on the side rails for adjusting ladder height.
- **Tip & Glide™ Wheels:** Integrated wheels for easy transport.
- **Feet:** Non-slip feet for stability.

4. Setup and Adjustment

The Little Giant Multi-Use Ladder is designed for quick and secure adjustments.

4.1 Unfolding and Locking

1. Place the ladder on a flat surface.
2. To unfold, release the hinge locks by pressing the**Palm Buttons**.
3. Carefully extend the sections until they click into the desired position. Ensure both hinges are fully locked before use.

4.2 Height Adjustment (Rock Locks™)

1. To adjust the height of the ladder sections, locate the**Rock Locks™** on the side rails.
2. Pull out the Rock Locks™ to disengage them.
3. Slide the inner section of the ladder to the desired height.
4. Release the Rock Locks™ and ensure they fully engage into the holes on the inner rail. Verify both sides are locked at the same height.

Image: Detailed view of the Palm Button for changing ladder positions and Rock Locks™ for extending and locking ladder height.

5. Operating Modes and Configurations

Your Little Giant ladder offers unmatched versatility with 33 different configurations, including A-frame, extension, 90-degree, and scaffold systems.

5.1 A-Frame Ladder

This configuration allows the ladder to stand independently, ideal for tasks requiring a stable, self-supporting structure. Adjust each side to different heights for use on stairs or uneven surfaces.

5.2 Extension Ladder

Extend the ladder to its full length for reaching higher areas. Ensure the top of the ladder extends at least 3 feet (0.9 meters) above the landing point and is angled correctly (approximately 75 degrees).

5.3 90-Degree Ladder

This unique configuration allows one side of the ladder to be placed directly against a wall, providing closer access to the

work surface. This is particularly useful for working in tight spaces or near obstacles.

5.4 Scaffold System

The ladder can be separated into two trestles to form a scaffold system when used with a compatible plank (sold separately). This provides a stable work platform for tasks requiring extended reach or movement along a wall.



Image: Visual representation of the ladder's versatility, showcasing its use as an A-frame, extension, staircase, and 90-degree wall ladder.



Image: The ladder converted into a trestle-and-plank scaffold system, demonstrating its readiness for scaffolding tasks (accessories sold separately).

5.5 Transporting the Ladder (Tip & Glide™ Wheels)

To move the ladder easily, simply tilt it onto its integrated**Tip & Glide™ Wheels** and roll it to your desired location. This feature reduces strain when moving the ladder.

Image: Detail of the Tip & Glide™ wheels, designed to make moving the ladder effortless by simply tilting and rolling.

6. Maintenance

- **Cleaning:** Clean the ladder regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or materials.
- **Inspection:** Before each use, inspect all parts for damage, wear, or corrosion. Pay close attention to hinges, locks, feet, and rungs.
- **Lubrication:** Periodically lubricate moving parts like hinges and Rock Locks™ with a silicone-based lubricant to ensure smooth operation.
- **Storage:** Store the ladder in a dry, protected area away from extreme temperatures and direct sunlight. Ensure it is stored in a stable position to prevent falling.

7. Troubleshooting

- **Locks Not Engaging:** Ensure there is no debris obstructing the locking mechanisms. Clean and lubricate if necessary. Verify the ladder sections are fully extended or retracted to the correct position.
- **Difficulty Adjusting Height:** Check for dirt or foreign objects in the rail channels. Clean and apply lubricant to the inner rails and Rock Locks™.
- **Ladder Feels Unstable:** Ensure all four feet are on a firm, level surface. Verify all hinges and Rock Locks™ are fully engaged and locked before climbing.

8. Specifications

Model Number	15417-001
Material	Aluminum
Maximum Height	17 Feet

Load Capacity	300 lbs (136 kg)
Ladder Weight	30.5 lbs (13.8 kg)
Number of Steps	7
Special Features	Lightweight, Multi-position, Wheels
Dimensions (Folded)	142.2 cm (W) x 22.9 cm (H) (approximate)
Compliance	OSHA and ANSI Standards
UPC	096764164171

9. Warranty and Support

For warranty information, product registration, or technical support, please visit the official Little Giant Ladder Systems website or contact their customer service department. Keep your purchase receipt as proof of purchase.
Website: www.littlegiantladders.com

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