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> [Adrian Steel PLM63TM Double Max-Drop ProLift Ladder Rack User Manual](#)

Adrian Steel PLM63TM

Adrian Steel PLM63TM Double Max-Drop ProLift Ladder Rack

User Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your Adrian Steel PLM63TM Double Max-Drop ProLift Ladder Rack. The ProLift system is designed to facilitate the loading and unloading of ladders with reduced effort, enhancing safety and operational efficiency. It is engineered for durability and ease of use, featuring a low-profile and lightweight design.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in personal injury or damage to the product or vehicle.

- Always ensure the ladder rack is securely installed according to the manufacturer's guidelines.
- Do not exceed the maximum load capacity of 100 lbs.
- Verify that ladders are properly secured to the rack before driving.
- Exercise caution when raising or lowering ladders, ensuring the area is clear of obstructions and personnel.
- Regularly inspect the rack for any signs of wear, damage, or loose fasteners.
- Wear appropriate personal protective equipment (PPE) during installation and maintenance.

3. PACKAGE CONTENTS

Verify that all components listed below and shown in the image are present and undamaged before beginning installation.

The image you are requesting does not exist or is no longer available.

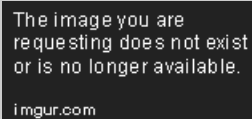
imgur.com

This image displays a table listing the various components included with the ProLift Ladder Rack, detailing each item's description, part number, and quantity.

Line Item	Description	Part Number	Quantity
1	Profile Mounting Roof Rail Kit, Transit	RRKFT	1
2	Profile Mounting Bracket Kit, 4-Pack, White, Multiple Vehicles	URMBK4W	1
3	Profile Series 2-Crossbar Kit, 58", White, Multiple Compact Vans	2BARCW	1
4	ProLift™ Max Drop Ladder Rack, White, Mid Roof, Multiple Vehicles	PLMDPSMW	1
5	ProLift™ Max-Drop Ladder Rack, White, Mid Roof, Multiple Vehicles	PLMDDSMW	1

4. SETUP AND INSTALLATION

Installation of the Adrian Steel PLM63™ ProLift Ladder Rack requires careful attention to detail and adherence to specific vehicle mounting procedures. It is highly recommended that installation be performed by qualified personnel or a professional installer to ensure proper fitment and safety.



This image shows an assembled view of the Adrian Steel PLM63™ Double Max-Drop ProLift Ladder Rack, illustrating its overall structure and components.

General Installation Steps (Consult detailed installation guide for specifics):

- Vehicle Preparation:** Ensure the vehicle roof is clean and free of debris. Identify mounting points as specified in the detailed installation guide.
- Mounting Roof Rail Kit:** Install the Profile Mounting Roof Rail Kit (RRKFT) onto the vehicle roof, securing it firmly.
- Bracket Installation:** Attach the Profile Mounting Bracket Kit (URMBK4W) to the roof rails, ensuring correct spacing and alignment.
- Crossbar Assembly:** Assemble and mount the Profile Series 2-Crossbar Kit (2BARCW) onto the brackets.
- ProLift Rack Attachment:** Secure the ProLift Max-Drop Ladder Rack components (PLMDPSMW, PLMDDSMW) to the crossbars and mounting system.
- Final Adjustments:** Perform all necessary adjustments, including clamp pad settings, to ensure a snug fit for your ladders. Tighten all fasteners to the specified torque values.

Refer to the separate, comprehensive installation manual provided with your purchase for detailed, step-by-step instructions specific to your vehicle model.

5. OPERATING INSTRUCTIONS

The ProLift system is designed for easy and safe operation. Follow these steps to load and unload ladders:

- Lowering the Rack:** Engage the release mechanism (refer to specific product controls) and gently guide the rack downwards. The pull-assist gas springs will dampen the load, making the lowering process smooth and controlled.
- Loading Ladders:** Place your extension ladder (up to 40 ft.) or step/podium ladder (up to 10 ft.) onto the lowered rack. Ensure the ladder is centered and properly seated within the rack's supports.
- Securing Ladders:** Utilize the adjustable clamp pads to firmly secure the ladder in place. A 1/2" wrench or

ratchet can be used for adjustments. Ensure the ladder cannot shift during transit.

4. **Raising the Rack:** With the ladder securely loaded, gently lift the rack. The spring-assist struts will aid in raising the rack back to its travel position. Ensure the rack locks securely into place.
5. **Pre-Drive Check:** Before driving, always double-check that the rack is fully locked in the raised position and that the ladder is tightly secured.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your ProLift Ladder Rack.

- **Cleaning:** Periodically clean the rack components with mild soap and water to remove dirt, road grime, and salt. Rinse thoroughly and dry.
- **Inspection:** Regularly inspect all fasteners, bolts, and mounting hardware for tightness. Re-tighten any loose components. Check for any signs of corrosion, cracks, or damage to the aluminum components, plastisol, or powder-coat finish.
- **Wear Strips:** Inspect the rugged wear strips for excessive wear. Replace if necessary to protect your ladders.
- **Gas Springs:** Check the pull-assist gas springs for proper function. If the rack becomes difficult to raise or lower, the springs may need inspection or replacement.
- **Lubrication:** Apply a light lubricant to moving parts and pivot points as needed, avoiding excessive application that could attract dirt.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your ProLift Ladder Rack.

- **Rack is difficult to lower or raise:**
 - Check for obstructions in the path of the rack's movement.
 - Ensure the gas springs are functioning correctly and are not damaged.
 - Verify that the load does not exceed the 100 lbs capacity.
 - Inspect pivot points for dirt or corrosion; clean and lubricate if necessary.
- **Ladders are not secure:**
 - Adjust the clamp pads to ensure a tight grip on the ladder.
 - Check for worn or damaged wear strips.
 - Ensure all securing straps or mechanisms are properly engaged.
- **Unusual noises during operation:**
 - Inspect all fasteners for tightness.
 - Check for any loose components or parts rubbing against each other.
 - Lubricate moving parts.

If you encounter issues not covered here or require further assistance, please contact Adrian Steel customer support.

8. SPECIFICATIONS

Model Number	PLM63TM
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Brand	Adrian Steel
Item Weight	171 pounds
Load Capacity	100 lbs
Color	White
Mounting Type	Power Grip
UPC	665871646797
Ladder Compatibility	Extension ladders up to 40 ft., Step/Podium ladders up to 10 ft.

9. WARRANTY AND SUPPORT

Warranty information for the Adrian Steel PLM63TM Double Max-Drop ProLift Ladder Rack is typically provided with your purchase documentation. Please refer to these documents for details regarding coverage, terms, and conditions.

For technical support, replacement parts, or warranty claims, please contact Adrian Steel customer service directly. Contact information can usually be found on the manufacturer's official website or within your product packaging.