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› ECOTRIC Van Ladder Racks (Model AT-78/AT-78-MB) Instruction Manual

ECOTRIC AT-78/AT-78-MB

ECOTRIC Van Ladder Racks Instruction Manual

Model: AT-78/AT-78-MB

Brand: ECOTRIC

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your ECOTRIC 3-Bar Van Ladder Roof Racks. Please read these instructions thoroughly before beginning installation or use to ensure proper function and longevity of the product.

FULLSIZE VAN LADDER RACK

Compatible with
1996-Up Chevrolet Express 1500/2500/3500
1996-Up GMC Savana 1500/2500/3500



Image 1.1: ECOTRIC Van Ladder Racks installed on a white van, showing the three-bar system.

2. PRODUCT FEATURES

The ECOTRIC Van Ladder Racks are designed for robust performance and durability. Key features include:

- **Durable Alloy Steel Construction:** Built from heavy-duty 14-gauge steel for strength and stability.
- **High Load Capacity:** Each roof rack bar supports up to 260 lbs, with a maximum total load capacity of 800 lbs.
- **Secure Fixing System:** Features upright clamps, drip rail clamps, and straps to prevent cargo movement during transport.
- **Corrosion Protection:** The rack surface is coated with paint for enhanced protection against rust and corrosion.
- **Protective Rubber Covers:** Galvanized upright and drip rail clamps include rubber covers to prevent wear and tear on your vehicle.
- **Generous Length:** Each bar measures 58-7/8 inches (including base) for transporting long items.

HEAVY DUTY STRUCTURE

Maximum load capacity up to 800 LBS (260LBS Per Bar)



**Black Powder
Coating**



**14 Gauge Metal
Construction**



**800 LBS
Load Capacity**



Image 2.1: Illustration of the rack's heavy-duty construction, highlighting black powder coating, 14-gauge metal, and 800 lbs load capacity.

SPECIAL DESIGN



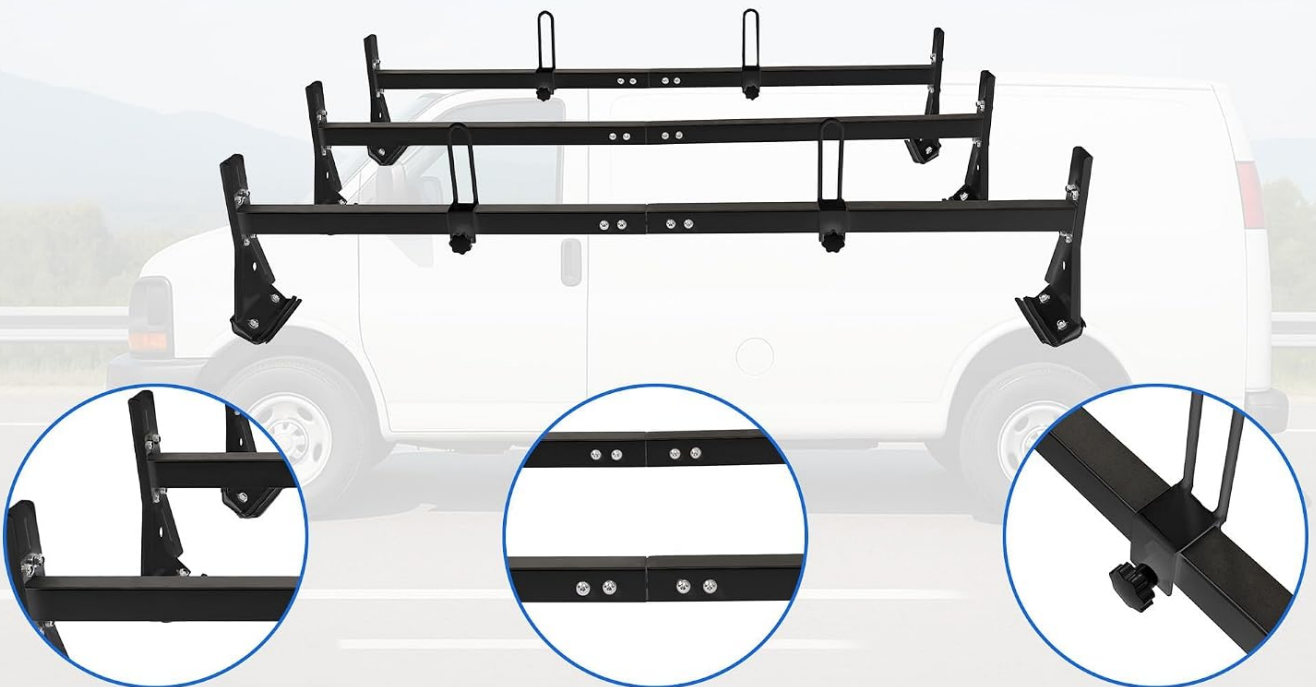
**0-80mm
perforation range**



**Fastening
eye hook**



**Rope
hook**



**Protective
rubber cover**



**Velcro
strap**



**Ladder
stopper**

Image 2.2: Detailed view of special design elements including perforation range, fastening eye hooks, rope hooks, protective rubber covers, Velcro straps, and ladder stoppers.

3. COMPATIBILITY

This ECOTRIC Van Ladder Rack system is compatible with the following vehicle models:

- 1996-Up Chevrolet Express 1500
- 1996-Up Chevrolet Express 2500
- 1996-Up Chevrolet Express 3500
- 1996-Up GMC Savana 1500
- 1996-Up GMC Savana 2500
- 1996-Up GMC Savana 3500

Please verify your vehicle's make, model, and year before installation to ensure proper fitment.

4. PACKAGE CONTENTS

Upon opening the package, please ensure all components are present and undamaged. The package should contain:

- 3 x Truck Rack Bars
- All necessary mounting hardware (nuts, bolts, washers, clamps, straps)

If any parts are missing or damaged, please contact customer support immediately.

PRODUCT PACKAGES

**3 x Truck Rack Bars, mounting hardware included.
INSTRUCTION IS NOT INCLUDED!**

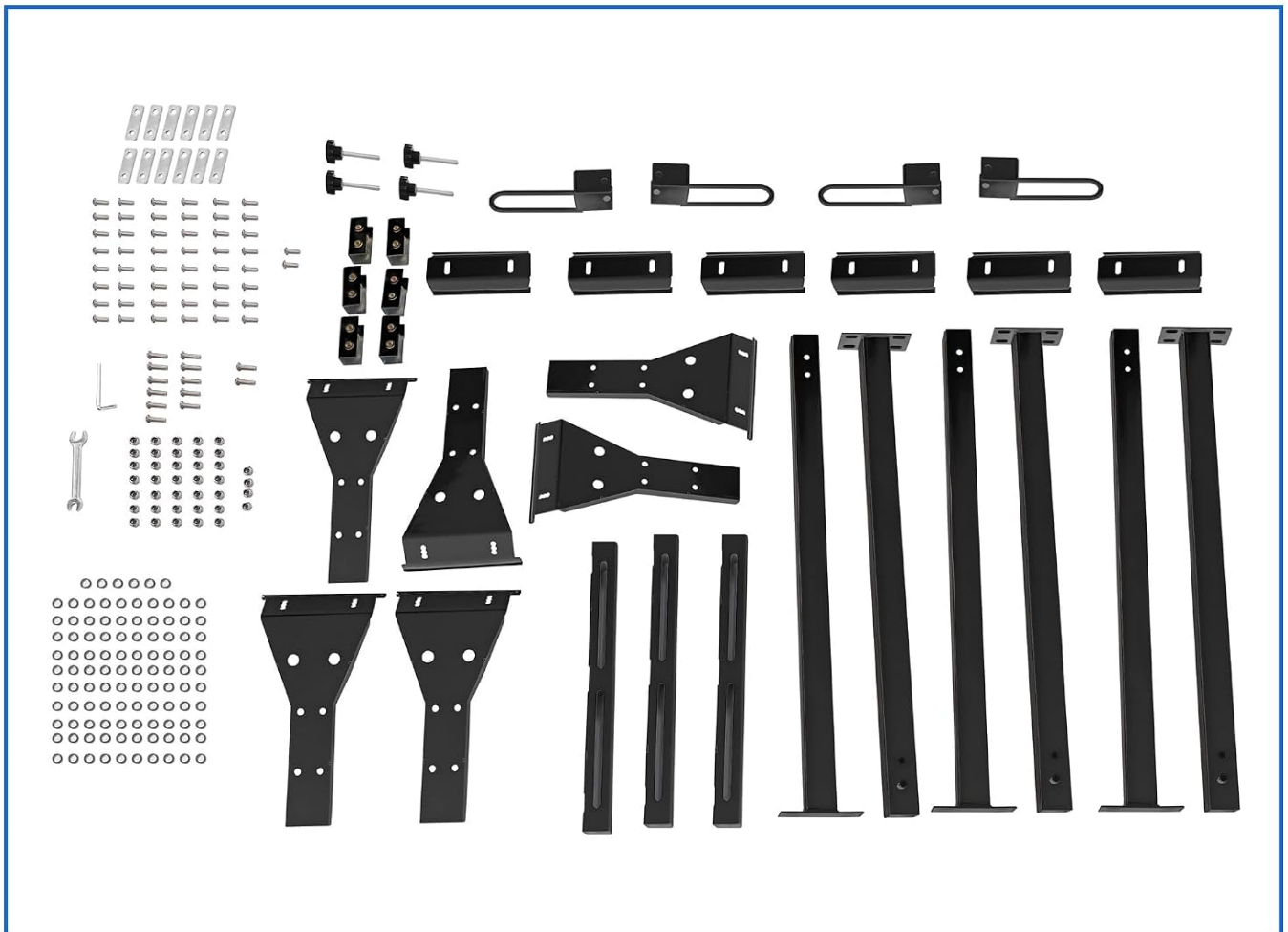


Image 4.1: Overview of all included components and mounting hardware.

5. SETUP AND INSTALLATION

While detailed step-by-step instructions are not provided with the product, the installation process is designed to be straightforward. We recommend reviewing the components and planning the placement before beginning. A perforation range of 0-80mm is reserved to assist with stable and suitable installation.

General Installation Guidance:

1. **Identify Mounting Points:** Locate the appropriate drip rail mounting points on your van's roof.
2. **Assemble Bars:** Attach the upright clamps to the main rack bars using the provided hardware. Ensure all connections are secure.
3. **Position Racks:** Carefully place the assembled rack bars onto the van's roof, aligning the drip rail clamps with the mounting points.
4. **Secure Clamps:** Tighten the drip rail clamps firmly to secure the rack bars to the van. Ensure protective rubber covers are in place to prevent damage.
5. **Install Straps and Stoppers:** Attach the Velcro straps and ladder stoppers as needed for securing cargo.
6. **Final Check:** Before use, double-check all bolts, nuts, and clamps to ensure they are securely fastened.

For visual assistance, please refer to the product images and the official installation video below.

Your browser does not support the video tag.

Video 5.1: Official product video demonstrating the ECOTRIC Fullsize Van 3-bar Ladder Roof Cargo Rack, showing its features and general fitment.



Image 5.1: Rear view of the installed ladder racks on a van.



Image 5.2: Side view of the installed ladder racks, highlighting the mounting points on the van's roof.

6. OPERATING INSTRUCTIONS

The ECOTRIC Van Ladder Racks provide additional storage space for transporting various items. Follow these guidelines for safe operation:

- **Load Distribution:** Distribute the weight of your cargo evenly across the three bars. Do not exceed the maximum load capacity of 800 lbs (260 lbs per bar).
- **Secure Cargo:** Always use the provided straps, rope hooks, and ladder stoppers to firmly secure all items to the racks. Ensure there is no movement or shifting of cargo before driving.
- **Check Clearance:** Be aware of the increased height of your vehicle with cargo loaded, especially when entering garages, carports, or areas with low overhead clearance.
- **Regular Checks:** Periodically check the security of your cargo and the rack's mounting during long journeys.

- **Driving Adjustments:** Adjust your driving speed and style to account for the added weight and wind resistance of the loaded racks. Avoid sudden maneuvers.

EXTRA STORAGE SPACE

When you need to transport lumber, pipes, ladders or other large items, our roof racks are the ideal choice for you.



Image 6.1: Example of ladders and pipes securely transported on the ECOTRIC roof racks, illustrating the extra storage capacity.

7. MAINTENANCE

Proper maintenance will extend the life of your ECOTRIC Van Ladder Racks:

- **Regular Inspection:** Periodically inspect all components, including bars, clamps, bolts, and straps, for any signs of wear, damage, or corrosion.
- **Tighten Fasteners:** Ensure all mounting hardware remains tight. Re-tighten as necessary, especially after initial installation and heavy use.
- **Clean Racks:** Clean the racks regularly with mild soap and water to remove dirt, road grime, and salt, which can contribute to corrosion.

- **Check Paint Coating:** The paint coating provides protection against rust. If you notice any chips or scratches in the paint, touch them up promptly to prevent rust formation.
- **Rubber Covers:** Ensure the protective rubber covers on the clamps are intact and in place to prevent damage to your vehicle's finish. Replace if worn or missing.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your ladder racks.

Problem	Possible Cause	Solution
Rack feels loose after installation.	Mounting hardware not sufficiently tightened.	Re-tighten all bolts and clamps securely. Ensure proper alignment.
Excessive wind noise during driving.	Airflow disruption around the racks or unsecured cargo.	Ensure all cargo is tightly secured. Check for any loose components on the rack. Wind noise is common with roof-mounted accessories.
Cargo shifting during transport.	Cargo not properly secured or straps are loose.	Always use multiple tie-down points and ensure straps are taut. Utilize ladder stoppers for ladders.
Rust appearing on the rack.	Damage to the protective paint coating or prolonged exposure to harsh elements.	Clean the affected area, sand lightly, and apply rust-inhibiting paint to touch up. Regular cleaning helps prevent this.

If you encounter issues not listed here or require further assistance, please contact ECOTRIC customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	AT-78/AT-78-MB
Brand	ECOTRIC
Material	Alloy Steel, Metal, Rubber
Color	Black
Item Weight	27.33 kg (approx. 60.25 lbs)
Load Capacity	800 pounds (260 lbs per bar)
Bar Length	58-7/8 inches (1503mm) (Base included)
Mounting Type	Clamp Mount, Railing Mount, Roof Mount
Vehicle Service Type	Van
Automotive Fit Type	Vehicle Specific Fit

DIMENSION

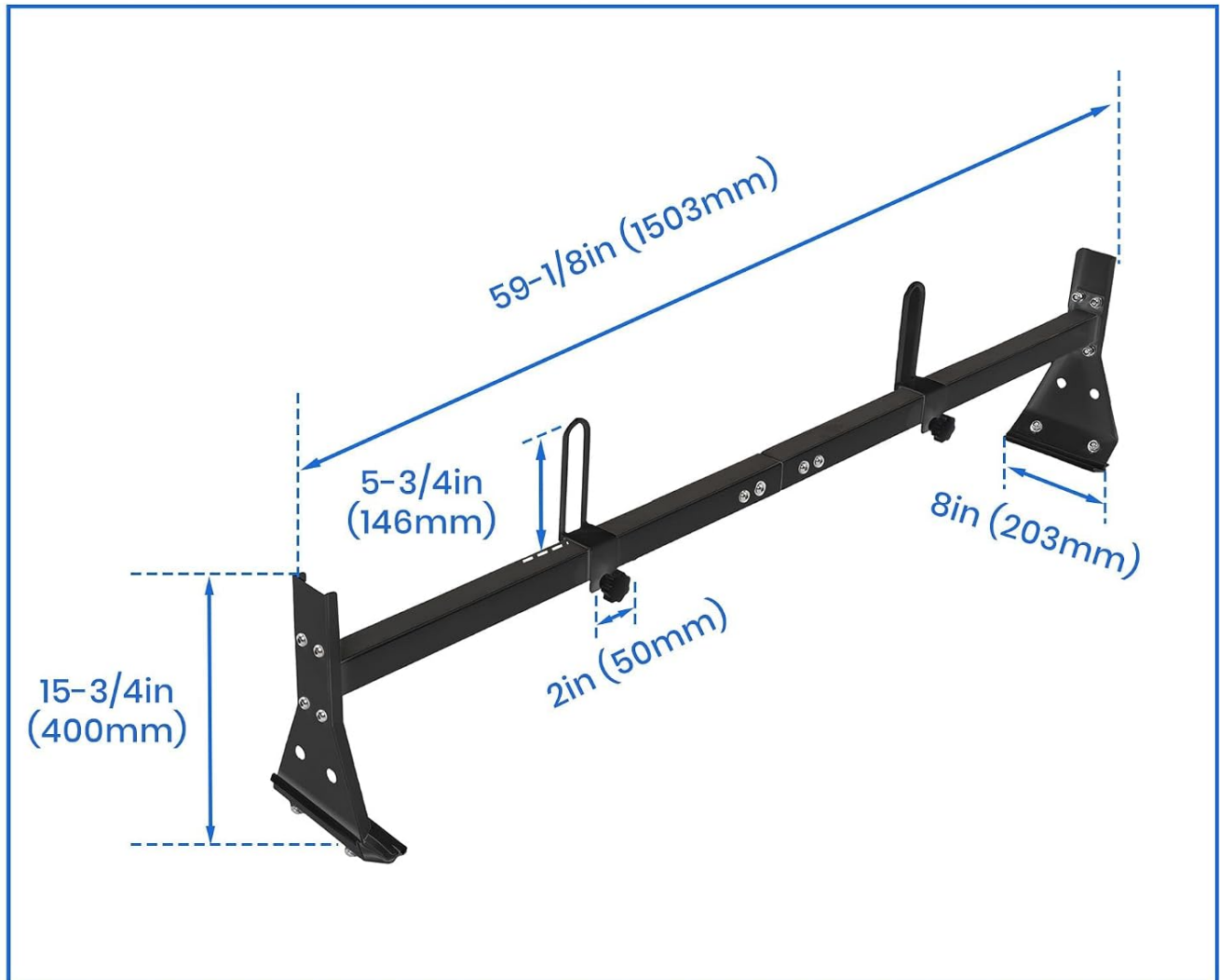


Image 9.1: Dimensional drawing of the rack bar, indicating key measurements.

10. WARRANTY AND SUPPORT

ECOTRIC products are manufactured to high-quality standards. For information regarding product warranty, returns, or technical support, please refer to the seller's policy on the purchase platform or contact ECOTRIC customer service directly.

Customer Support: For assistance with installation, troubleshooting, or parts, please reach out to the vendor, FAMETRADE LLC, or ECOTRIC customer support.

Returns: This product typically offers 30-day easy returns. Please check your purchase details for specific return policies.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question