

VEVOR XMS-2

VEVOR Car Tie Down Straps Kit (Model XMS-2) User Manual

Lasso Style 2" x 120" Tire Straps with Flat Hooks

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your VEVOR Car Tie Down Straps Kit. Please read these instructions thoroughly before initial use and retain for future reference. This kit is designed for securing vehicles during transportation, ensuring stability and preventing movement.

2. SAFETY INFORMATION

Adhering to safety guidelines is crucial to prevent injury and damage to property. Always prioritize safety during setup and operation.

- **Load Limits:** Do not exceed the working load limit (WLL) of 5,512 pounds (2,500 kg) per strap. The breaking strength is 11,023 pounds (5,000 kg). Always ensure the combined WLL of all straps used meets or exceeds the weight of the vehicle being secured.
- **Inspection:** Before each use, inspect all straps, ratchets, and hooks for signs of wear, cuts, fraying, corrosion, or damage. Do not use damaged equipment.
- **Proper Attachment:** Ensure straps are correctly routed and hooks are securely attached to appropriate anchor points on the trailer and around the vehicle's tires.
- **Even Tension:** Distribute tension evenly across all straps to prevent uneven stress on the vehicle and trailer.
- **Avoid Sharp Edges:** Protect straps from sharp edges on the vehicle or trailer using wear pads or corner protectors to prevent cutting or abrasion.
- **Regular Checks:** Periodically check strap tension during transit, especially after the first few miles, and re-tighten if necessary.
- **Clearance:** Ensure sufficient clearance for the ratchet mechanism to operate without damaging the vehicle's underside.

11023 LBS RATCHET TIE DOWN STRAP

Secure transportation without shaking

5512 lbs
Loading Capacity

11023 lbs
Breaking Strength

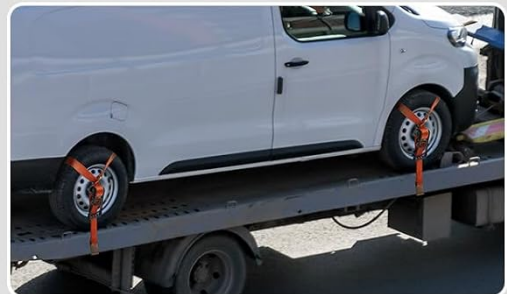


Figure 2.1: VEVOR Ratchet Tie Down Strap highlighting load capacity and breaking strength.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package:

- 4 x Ratchet with Flat Hook
- 4 x Tire Straps (Lasso Style, 2" x 120")
- 1 x Storage Bag



Figure 3.1: Included components of the VEVOR Car Tie Down Straps Kit.

4. PRODUCT OVERVIEW

The VEVOR Car Tie Down Straps are engineered for secure vehicle transport. They feature industrial-grade polyester material for durability and a lasso-style design for versatile application.

Key Features:

- **High-Quality Material:** Constructed from industrial-grade polyester, offering UV resistance and wear resistance for prolonged life.
- **Enhanced Protection:** Includes protective wear pads to minimize damage to straps, wheels, and the vehicle. A smooth O-ring design further reduces strap wear.
- **Corrosion Resistance:** Metal ratchet components are designed to resist rust and corrosion.
- **Extended Length:** Each strap measures 2 inches by 120 inches, providing ample length for various vehicle types, including UTVs, ATVs, pickup trucks, SUVs, passenger cars, motorcycles, and vans.
- **Flat Hooks:** Compatible with most trailer anchor points.

HIGH-QUALITY POLYESTER MATERIAL

No need to worry about repeated friction



High
Strength



Wear
Resistance



Anti
-UV



Figure 4.1: Illustration of the high-quality polyester material used in the straps.

120 INCHES LONGER STRAPS

Perfect for all wheel sizes



- ✓ 20% Longer than other straps
- ✓ Easily bind large trucks and off-road vehicles



- ✗ 96" Strap
- ✗ Not suitable for large trucks and off-road vehicles

Figure 4.2: Comparison of strap lengths, emphasizing the 120-inch length for versatility.

5. SETUP AND OPERATION

Follow these steps to properly secure your vehicle using the VEVOR Car Tie Down Straps.

Step-by-Step Guide:

- 1. Position the Vehicle:** Carefully drive or winch the vehicle onto the trailer, ensuring it is centered and positioned as desired for transport. Engage the vehicle's parking brake.
- 2. Prepare the Straps:** Take one tire strap and one ratchet buckle with a flat hook.
- 3. Connect Components:** Connect the tire strap (lasso style) around the vehicle's tire. Thread the free end of the tire strap through the slot in the center spool of the closed ratchet buckle.
- 4. Attach Hooks:** Securely attach the flat hook of the ratchet assembly to an appropriate anchor point on the trailer.
- 5. Tighten the Strap:** Operate the ratchet handle by moving it up and down to remove slack and apply tension to the strap. Continue ratcheting until the strap is taut and the vehicle's tire is firmly secured. Ensure the molded handle provides a comfortable grip.
- 6. Secure All Wheels:** Repeat the process for all remaining wheels, typically using four straps for optimal security.

7. **Final Check:** After securing all straps, double-check that all hooks are properly seated, straps are free from twists, and tension is adequate and even across all points.

RATCHET MECHANISM

Tie down the wheels in a minute



1

Connect the strap, axle strap, and ratchet buckle together

2

Hang hooks on both anchor points



3

Move the ratchet up and down to adjust tension



Figure 5.1: Instructions for operating the ratchet mechanism.



Figure 5.2: Example of a vehicle wheel properly secured for transport.

PERFECT FOR FASTENING VEHICLES

A good helper to carry your stuff



Wheel Fastening



Cargo Transportation

Figure 5.3: Applications for wheel fastening and cargo transportation.

6. MAINTENANCE

Proper maintenance extends the lifespan of your tie-down straps and ensures continued safe operation.

- **Cleaning:** Clean straps with mild soap and water. Rinse thoroughly and allow to air dry completely before storage. Do not use harsh chemicals or solvents.
- **Regular Inspection:** Routinely inspect straps for cuts, tears, fraying, or excessive wear. Check ratchets and hooks for deformation, cracks, corrosion, or proper functioning.
- **Lubrication:** Periodically apply a light lubricant to the moving parts of the ratchet mechanism to ensure smooth operation and prevent rust.
- **Storage:** Store the straps in the provided storage bag in a dry, cool place, away from direct sunlight and extreme temperatures. Avoid storing them in areas where they might be exposed to chemicals, oils, or sharp objects.

7. TROUBLESHOOTING

If you encounter issues during use, consider the following common problems and solutions:

- **Strap Not Tightening:**

- Ensure the strap is correctly threaded through the ratchet's spool.
- Check for any obstructions in the ratchet mechanism.
- Verify that the ratchet is fully open before threading and fully closed when tensioning.

- **Strap Slipping After Tightening:**

- Confirm the ratchet handle is fully closed and locked after tensioning.
- Inspect the strap and ratchet for wear or damage that might prevent proper grip. Replace if damaged.
- Ensure the strap is not overloaded beyond its working load limit.

- **Difficulty Releasing Ratchet:**

- Ensure the release lever is fully engaged.
- If the strap is under extreme tension, try to slightly increase tension with the handle before fully engaging the release lever.
- Check for rust or debris in the mechanism; clean and lubricate if necessary.

8. SPECIFICATIONS

Feature	Specification
Model Number	XMS-2
Strap Size	2" x 120" (5.08 cm x 304.8 cm)
Material	Industrial-grade Polyester
Hardware Material	Stainless Steel
Working Load Limit (WLL)	5,512 lbs (2,500 kg)
Breaking Strength	11,023 lbs (5,000 kg)
Fastener Type	Flat Hook
Number of Pieces	4 (Straps)
Color	Orange and Black
Item Weight	18.52 lbs (8.4 kg)
Compatible Vehicle Types	ATV, Passenger Car, SUV, Trailer, UTV, Motorcycle, Van

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For specific warranty details, please refer to the warranty card included with your product or visit the official VEVOR website. If you require technical assistance, have questions about product operation, or need to report a defect, please contact VEVOR customer support through their official channels.