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VEVOR LB-ZD-004

VEVOR Retractable Tonneau Cover Instruction Manual

Model: LB-ZD-004

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1. SETUP AND INSTALLATION

This section provides instructions for the proper setup and installation of your VEVOR Retractable Tonneau Cover. Ensure all components are present before beginning installation.

1.1 Compatibility Check

Verify that the tonneau cover is compatible with your vehicle. This model is designed for **2021-2024 Toyota Tundra Crew Cab with a 5'6" bed and deck rail system**.



Figure 1: Product compatibility diagram. Ensure your truck bed length matches the specified 5'6" (1694 mm) for proper fitment.

1.2 Component Overview

Familiarize yourself with the components included in your package. Refer to the diagram below for identification.



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Figure 2: Exploded view of the tonneau cover and included hardware. This includes the main cover assembly, clamps, brackets, and drainage tubes.

1.3 Installation Steps

- 1. Prepare the Truck Bed:** Clean the truck bed rails thoroughly to ensure proper adhesion of the weather strip.
- 2. Attach Clamps to Front Panel:** Secure the clamps to the front (leading) panel of the tonneau cover.
- 3. Apply Weather Strip:** Peel off the protective film from the weather strip and firmly apply it along the front edge of the truck bed. This creates a seal against water intrusion.
- 4. Position the Cover:** Carefully place the tonneau cover assembly onto the truck bed rails. Ensure both sides of the cover align evenly with the bed rails.
- 5. Slide in Metal Blocks:** Insert the six metal blocks into the bed rail system. These blocks will be used to secure the cover.
- 6. Install Metal Brackets:** Attach the metal brackets to the bed rails, aligning them with the metal blocks. Use a drill to secure the brackets firmly.
- 7. Secure Quick-Release Clamps:** Attach the quick-release clamps to the rear panel of the tonneau cover and secure them to the bed rails. Tighten all clamps to ensure the cover is firmly attached.
- 8. Connect Drainage Tubes:** Install the drainage tubes to the designated ports on the tonneau cover. Route the tubes to allow water to drain out of the truck bed.

1.4 Installation Video Guide

For a visual guide on the installation process, please refer to the video below. While the video title refers to a "Tri Fold" cover, many of the installation steps for clamps, weather stripping, and securing the cover are similar and applicable to this retractable model.

Your browser does not support the video tag.

Video 1: General Tonneau Cover Installation Guide. This video demonstrates common installation steps for truck bed covers, including clamp and bracket attachment.

2. OPERATION

This section details how to operate your VEVOR Retractable Tonneau Cover, including opening, closing, and securing your cargo.

2.1 Auto Opening & Closing Mechanism

The cover features an auto opening and closing system with multiple locking positions:

- **To Open:** Pull the rope to the left to lock the cover in place. Pull to the right to unlock and retract the cover.
- **To Close:** Pull the cover forward until it is fully extended. Unlock and press the lock core to secure it in the fully closed position.
- **Multiple Positions:** The cover can be secured in various positions: fully closed, 1/3 open, 2/3 open, or fully open, allowing flexibility for different cargo sizes.

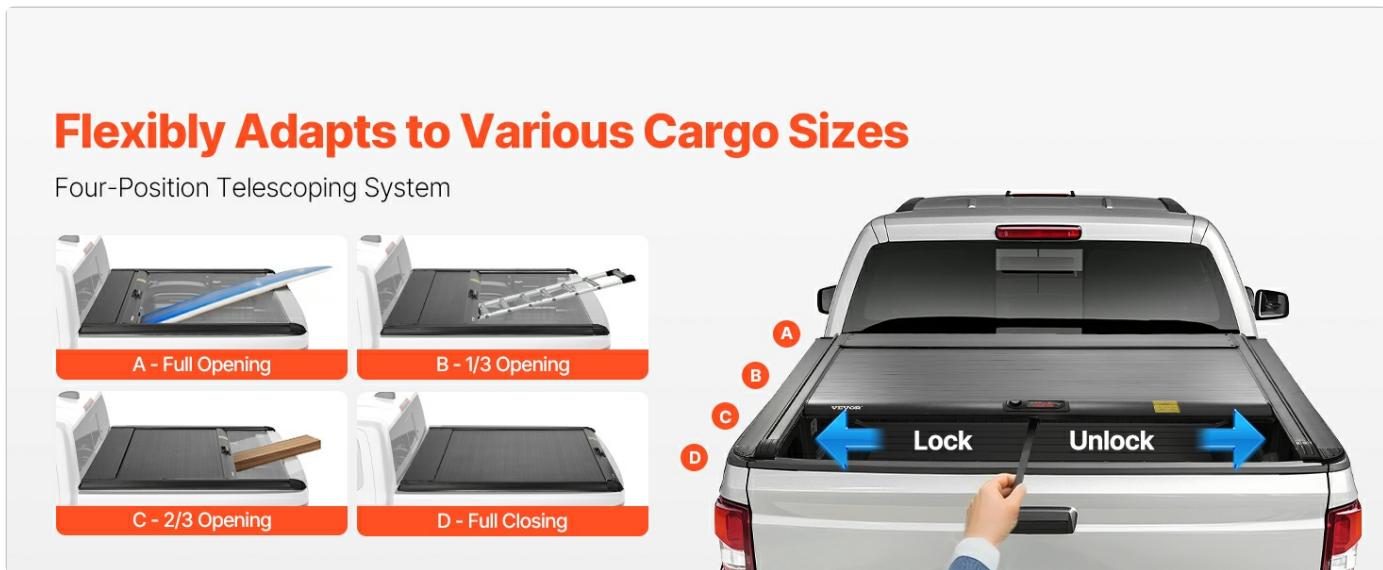


Figure 3: Four-Position Telescoping System. This image demonstrates how the cover can be adjusted to different open positions to accommodate various cargo loads.

2.2 Anti-Theft Key Lock

The tonneau cover is equipped with a key lock mechanism at the tailgate to protect your cargo. This lock ensures the cover remains secure, even during vehicle movement or potential theft attempts.



Concealed Cargo Hard to Retrieve

Key lock for comprehensive security



Figure 4: Anti-Theft Key Lock. Use the provided key to lock and unlock the cover, enhancing cargo security.

2.3 Utilizing T-Slot Side Rails

The integrated T-slot side rails allow for the easy addition of racks or crossbars, providing additional space for transporting larger or bulkier items above the cover.



Figure 5: T-Slot Side Rails. These rails provide versatility for mounting additional cargo accessories.

3. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tonneau cover.

- **Cleaning:** Clean the aluminum panels regularly with mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Drainage System:** Periodically check the drainage tubes for any blockages from debris (leaves, dirt). Ensure water can flow freely to prevent accumulation in the truck bed.
- **Seals and Gaskets:** Inspect the sealed edges and gaskets for wear or damage. Replace any compromised seals to maintain the cover's waterproof integrity.
- **Moving Parts:** Lubricate the retraction mechanism and any moving parts annually with a silicone-based lubricant to ensure smooth operation.
- **Panel Inspection:** Regularly inspect the aluminum panels for any signs of damage, such as dents or deep scratches, which could affect the cover's functionality and weather resistance.

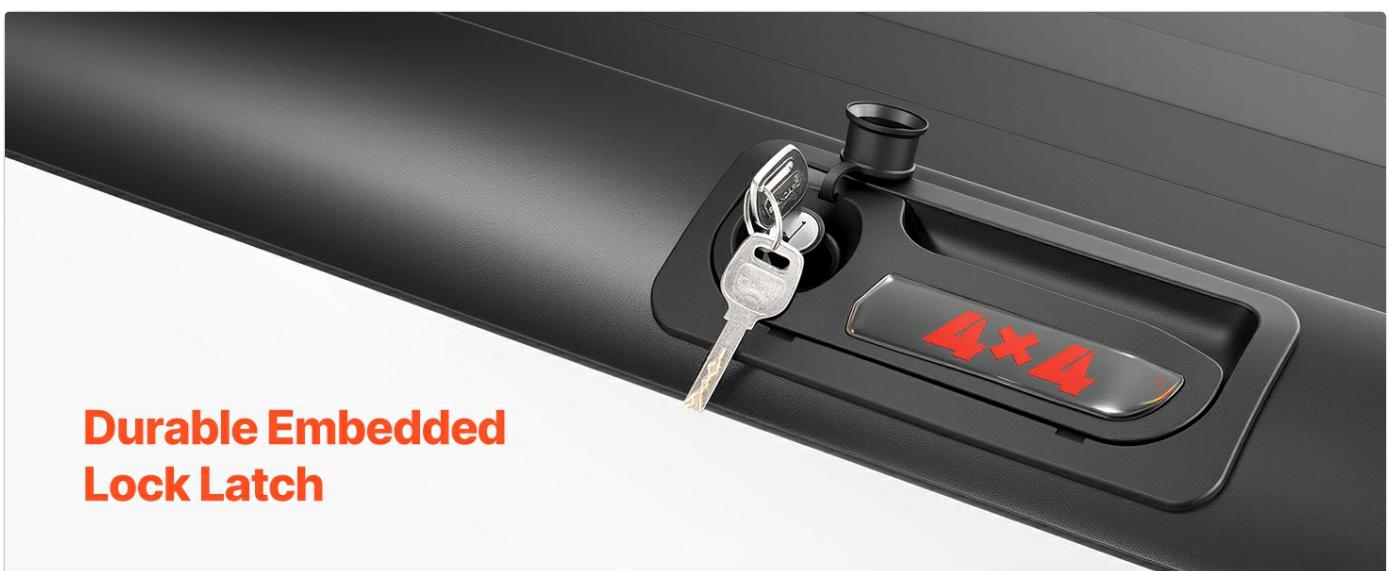


Figure 6: Waterproof and Weatherproof Features. Regular cleaning and inspection of seals and drainage tubes are crucial for maintaining these features.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your tonneau cover.

Problem	Possible Cause	Solution
Cover does not retract smoothly.	Debris in the tracks, lack of lubrication, or misaligned rails.	Clean the tracks of any debris. Apply silicone lubricant to the retraction mechanism and rails. Check rail alignment and adjust if necessary.
Water leakage into the truck bed.	Damaged or improperly seated weather seals, clogged drainage tubes, or improper installation.	Inspect all weather seals and ensure they are properly seated. Clear any blockages in the drainage tubes. Re-check installation steps, especially clamp tightness and cover alignment.
Cover does not lock securely.	Lock mechanism obstruction, misaligned cover, or damaged lock components.	Ensure no debris is obstructing the lock mechanism. Verify the cover is fully extended and aligned before attempting to lock. Inspect the lock components for damage.

5. SPECIFICATIONS

Key technical specifications for the VEVOR Retractable Tonneau Cover (Model LB-ZD-004).

Feature	Detail
Model Number	LB-ZD-004
Compatible Bed Length	5'6" / 1694 mm
Main Material	Aluminum
Net Weight	88.2 lbs / 40 kg
Product Dimensions (L x W x H)	68.1" x 67.7" x 9.3" / 1730 x 1720 x 235 mm
Waterproof Rating	IPX5
Lock Type	Key, Tailgate
Static Load Capacity	Up to 500 lbs / 226.8 kg <i>(Note: Prolonged storage on the panel is not recommended)</i>



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Figure 7: Product Dimensions and Specifications. This diagram provides a visual representation of the cover's measurements and key features.

6. WARRANTY INFORMATION

Specific warranty details for this VEVOR product are not provided in the available product information. Please refer to the manufacturer's official website or contact their customer service for comprehensive warranty terms and conditions.

7. CUSTOMER SUPPORT

If you require further assistance with installation, operation, maintenance, or have any questions regarding your VEVOR Retractable Tonneau Cover, please contact VEVOR customer support. Contact information can typically be found on the product packaging, the VEVOR official website, or through your point of purchase.