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AUTOSAVR88 FRP Hard Tri-fold Tonneau Cover (MAAUTLHByl)

AUTOSAVR88 FRP Hard Tri-fold Truck Bed Tonneau Cover User Manual

Model: FRP Hard Tri-fold Tonneau Cover (MAAUTLHByl)

Brand: AUTOSAVR88

INTRODUCTION

This manual provides comprehensive instructions for the proper installation, operation, and maintenance of your AUTOSAVR88 FRP Hard Tri-fold Truck Bed Tonneau Cover. Constructed from Fiberglass Reinforced Polymer (FRP) with a Polypropylene (PP) honeycomb core, this cover is designed for durability and security. Please read all instructions carefully before proceeding with installation or use to ensure optimal performance and safety.

IMPORTANT FITMENT INFORMATION

This tonneau cover is custom-designed to fit specific truck models. Please confirm your truck bed size before installation to ensure proper fitment and function.

- **Compatible Models:** 2009-2025 Dodge Ram 1500 (including 2019-2024 Classic & 2019-2025 New Body)
- **Bed Size:** Specifically designed for 5.7ft truck beds without Rambox.

CONFIRM THE TONNEAU COVER SIZE BEFORE PURCHASING

ONLY FIT **5.7 FT**

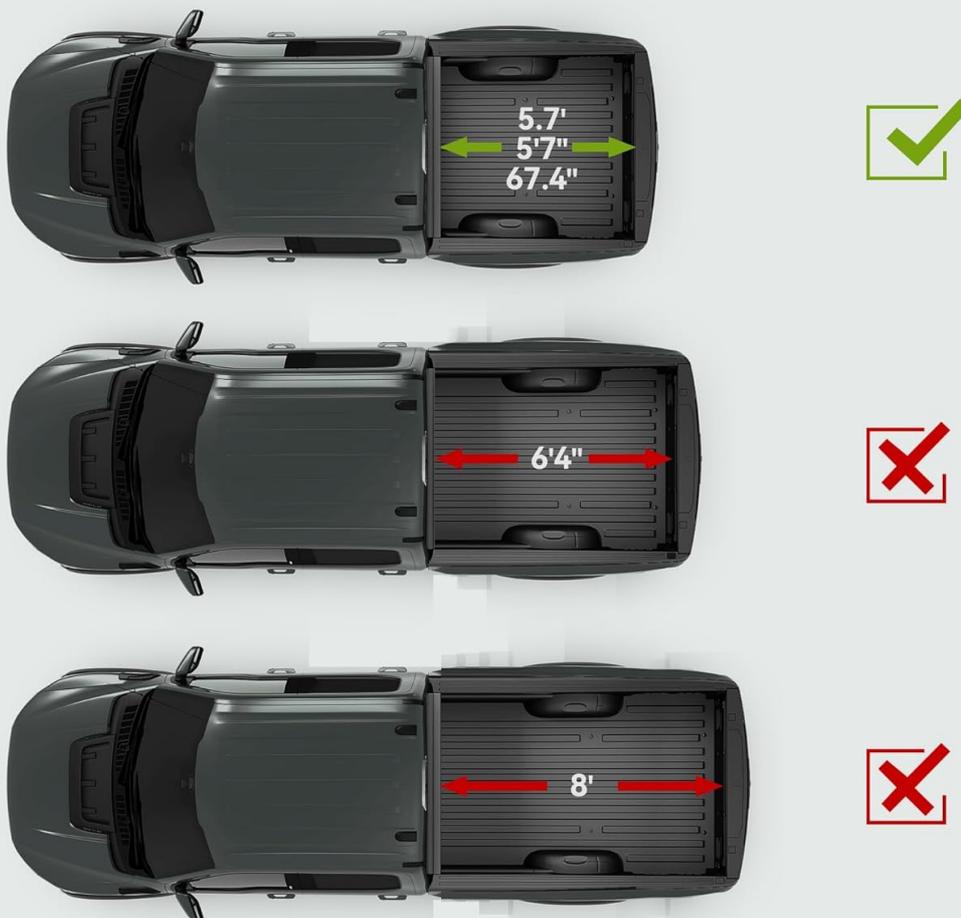


Figure 1: Confirming truck bed size. The cover is designed for 5.7ft beds. Ensure your truck bed length matches this requirement for correct installation.

PACKAGE CONTENTS

Before beginning installation, verify that all components are present:

- FRP Hard Tri-fold Tonneau Cover Assembly
- Front Clamps (pre-installed or separate)
- Middle Latches (pre-installed)
- Rear Latches (pre-installed)
- Weather Stripping (if required for front bed rail gap)
- Installation Instructions (this manual)

INSTALLATION GUIDE

1. Pre-Installation Steps

1. **Clean Truck Bed Rails:** Ensure the truck bed rails are clean and free of debris, wax, or any protective coatings that might interfere with the weatherstrip adhesion or clamp grip.

2. **Check Front Bed Rail Height:** Examine the front bed rail (closest to the cab). If it is lower than the side rails, apply the provided weather stripping to fill the gap. This ensures a level surface for the tonneau cover and helps prevent water intrusion.

2. Placing the Tonneau Cover

3. Carefully place the folded tonneau cover assembly onto the front of your truck bed rails, with the front panel positioned closest to the cab. Ensure the cover is centered and aligned evenly on both side rails.
4. Unfold the cover completely towards the tailgate, allowing it to lay flat across the bed. Adjust its position to ensure it is evenly spaced on all three sides (front and both sides).

3. Securing the Front Clamps

5. Locate the front clamps on the underside of the cover's front panel. Pull down the clamp from the bottom of the cover until it is in a vertical position.
6. Hook the clamp onto the truck's bed rail lip. Ensure the clamp's jaw fully engages the lip.
7. Tighten the clamp knob until it is snug. Do not overtighten. Repeat for the other front clamp.
8. For added security, insert the provided durable plug into the clamp mechanism. This helps prevent accidental release while driving.



Figure 2: Front clamp installation. Ensure the clamp is securely fastened and the plug is inserted before driving.

4. Securing the Middle and Rear Latches

The middle and rear latches require careful adjustment for a tight and secure fit. Refer to the diagram below for optimal jaw positioning.

9. **Adjusting Latch Position:** Pull down the latch handle from the underside of the cover. Unscrew the handle to lower its position, or lift it up and rotate to raise it. The optimal position is when the groove of the latch jaw is level with the lip of the truck bed rail.
10. **Engaging Latches:** With one hand, firmly press down onto the cover corner above the latch. With the other hand, crank the latch handle down into its locked position, ensuring the jaw fully latches onto the bed rail lip.
11. Repeat this process for all middle and rear latches. If any latch feels loose, lift the handle, adjust the jaw position slightly, and re-engage until a tight fit is achieved.



Figure 3: Features for protection and security, including the nylon buckle for securing the folded cover and weather strip to prevent elements from entering.

Installation Video

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Video 1: Detailed installation guide for a tri-fold tonneau cover. This video demonstrates the steps for applying weather stripping, positioning the cover, and securing the clamps and latches.

OPERATING INSTRUCTIONS

1. Opening the Tonneau Cover

1. **Release Rear Latches:** From inside the truck bed, pull the release cables for the rear latches to disengage them from the bed rails.
2. **Fold Panels:** Lift the rear panel and fold it forward onto the middle panel. Then, lift both panels and fold them onto the front panel, towards the cab.
3. **Secure Folded Cover:** Use the integrated nylon buckles and straps to secure the folded cover against the cab. This prevents the cover from unfolding during transit.

2. Closing the Tonneau Cover

4. **Unbuckle and Unfold:** Release the nylon buckles and straps securing the folded cover. Carefully unfold the panels one by one towards the tailgate.
5. **Engage Latches:** As each panel lays flat, ensure the latches engage securely with the bed rails. For the middle and rear latches, press down on the cover and crank the handles into their locked position.
6. **Verify Security:** Once fully closed, gently press down on the cover panels to ensure all latches are engaged and the cover is flush with the bed rails.

OPTIMIZE SPACE UTILIZATION

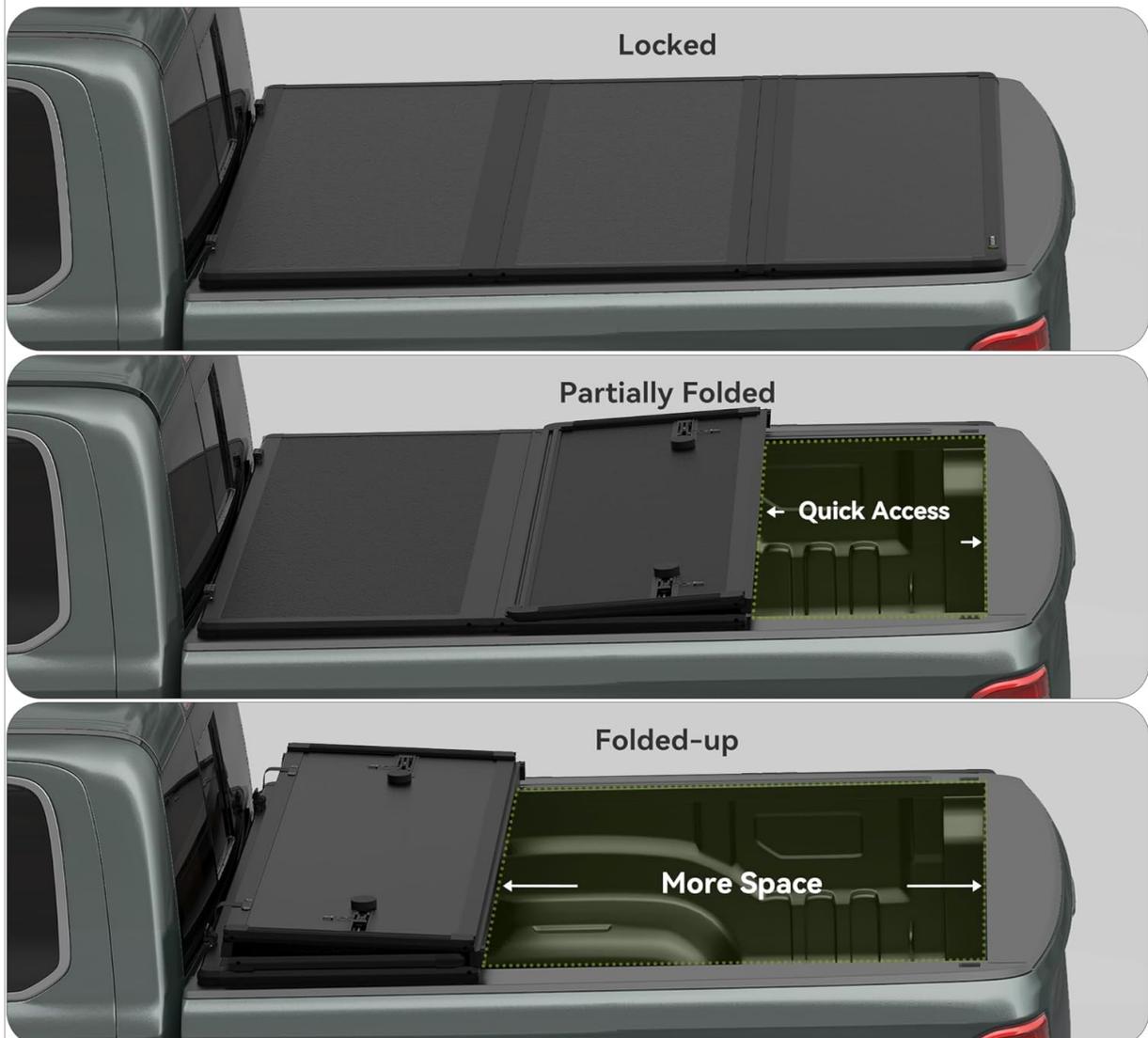


Figure 4: Demonstrates the cover's versatility, showing it fully locked, partially folded for quick access, and fully folded-up for maximum bed space.

MAINTENANCE

Regular maintenance will extend the life and appearance of your tonneau cover.

- **Cleaning:** Wash the cover regularly with mild soap and water. Avoid harsh chemicals or abrasive cleaners, as these can damage the FRP material. Rinse thoroughly and allow to air dry.
- **Check Seals:** Periodically inspect the weather seals around the perimeter of the cover and between panels for any signs of wear or damage. Replace worn seals to maintain water resistance.
- **Inspect Hardware:** Annually check all clamps, latches, and hinges for tightness and proper function. Tighten any loose hardware.
- **Lubrication:** Apply a silicone-based lubricant to the hinges and latch mechanisms as needed to ensure smooth operation.

TROUBLESHOOTING

If you encounter issues with your tonneau cover, consider the following:

- **Water Leaks:** Check the weather stripping along the bed rails and between panels. Ensure all clamps and latches are securely tightened. Adjust the front bed rail weather strip if necessary.
- **Cover Not Latching Securely:** Re-adjust the position of the latch jaws as described in the installation guide to ensure they are level with the bed rail lip and can fully engage.
- **Difficulty Folding/Unfolding:** Ensure no debris is obstructing the folding mechanism. Lubricate hinges and moving parts if they feel stiff.

SPECIFICATIONS

| | |
|---------------------------|--|
| Brand | AUTOSAVR88 |
| Model Number | MAAUTLHByl |
| Material | Fiberglass Reinforced Polymer (FRP) with Polypropylene (PP) honeycomb core |
| Lock Type | Tailgate (locks securely when tailgate is closed) |
| Weight Limit | 204.12 Kilograms (approximately 450 lbs) |
| Product Dimensions | 181.99 x 66.98 x 14.48 cm |
| Item Weight | 28.6 kg |
| Special Features | No-drill installation, aerodynamic design, weather-resistant, theft protection |

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official AUTOSAVR88 website. Keep your purchase receipt for warranty claims.

