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## Rugged Ridge 13790.33

# Rugged Ridge Montana Frameless Soft Top Instruction Manual

Model: 13790.33 | Fits 1992-1995 Jeep Wrangler YJ

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rugged Ridge Montana Frameless Soft Top. Designed for 1992-1995 Jeep Wrangler YJ models, this soft top combines a fastback style with versatile functionality, allowing for quick conversion from a fully enclosed top to a summer brief. Please read all instructions carefully before beginning installation to ensure proper fitment and safe operation.

## WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Black Diamond Montana Brief Top, Frameless
- Required hardware and mounting accessories (as supplied by manufacturer)



Image: All components of the Rugged Ridge Montana Frameless Soft Top, including the main top fabric, side windows, rear window, and various mounting bars and hardware.

## KEY FEATURES

- **Unique Bowless Fastback Style:** Offers a sleek, aerodynamic look without a traditional top frame.
- **Durable Black Diamond Exterior Fabric:** Constructed from vinyl-coated polyester and cotton fabrics for longevity.
- **Heavy-Duty Tinted Windows:** Features 30 mil thick, DOT-approved 31% tinted side and rear windows.
- **Weather-Tight Fitment:** Designed to fit snugly over the factory roll bar and work with factory door surrounds and tailgate bar.
- **Convertible Design:** Easily converts from a fully enclosed top to a summer brief by unzipping rear windows and storing them in the integrated storage fold.
- **Reinforced Stitching:** Seams are stitched entirely using marine-grade thread to resist fading and deterioration.

## SETUP AND INSTALLATION

**Important:** Installation requires a separate windshield header channel, an OE soft top tailgate bar, and factory soft top door surrounds. Ensure these components are available before beginning installation.

### Preparation

1. Ensure your Jeep Wrangler YJ (1992-1995) is clean and free of debris where the soft top will be installed.
2. Lay out all components from the "What's in the Box" section to confirm everything is present.

3. Familiarize yourself with the various straps, zippers, and attachment points on the soft top fabric.



Image: Detail of a strap with a buckle, used for securing the soft top. This highlights the quality of the components.

## Installation Steps

1. **Attach Windshield Header:** Secure the soft top to the windshield header channel (sold separately) according to the header channel's instructions.
2. **Position Main Top:** Drape the main soft top fabric over the roll bar, ensuring it is centered and aligned.
3. **Secure Front and Sides:** Attach the front and side edges of the soft top to the factory door surrounds using the integrated channels and clips. Ensure a tight fit to prevent water intrusion.
4. **Install Rear Window:** Zip the rear window into place. Ensure the zipper is fully closed and the window is taut.
5. **Install Side Windows:** Zip the side windows into place, connecting them to the main top and the door surrounds.
6. **Attach Tailgate Bar:** Slide the OE soft top tailgate bar (sold separately) into the channel at the bottom of the rear window and secure it to the vehicle.
7. **Adjust Straps:** Tighten all adjustable straps and buckles to ensure the top is securely fastened and taut, minimizing flapping at speed.



Image: A detailed view of a zipper mechanism and an attached strap, demonstrating the secure fastening points of the soft top.

## OPERATING INSTRUCTIONS

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### Converting to Summer Brief

1. **Unzip Windows:** Carefully unzip the rear and side windows from the main soft top fabric.
2. **Remove Tailgate Bar:** Detach the OE soft top tailgate bar from the vehicle and remove it from the rear window.
3. **Store Windows:** The Montana Top features a built-in rear window storage fold. Fold the rear and side windows neatly and store them within this designated area to protect them from damage and keep them secure while driving.
4. **Secure Brief Top:** Ensure any remaining straps or fasteners on the brief top are securely tightened to prevent flapping.





Image: An interior view of the soft top showing a mesh storage pocket, likely part of the integrated window storage feature.

## MAINTENANCE

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- **Cleaning:** Clean the soft top regularly with mild soap and water. Avoid harsh chemicals or abrasive cleaners, as these can damage the fabric and windows. Rinse thoroughly.
- **Window Care:** Use a soft cloth and a specialized vinyl window cleaner for the clear vinyl windows to prevent scratching and maintain clarity. Do not use ammonia-based cleaners.
- **Zipper Maintenance:** Periodically lubricate zippers with a silicone-based lubricant to ensure smooth operation and prevent corrosion.
- **Storage:** When not in use for extended periods, store the soft top in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure it is clean and dry before storage.
- **Inspection:** Regularly inspect the top for any signs of wear, tear, or damage to stitching. Address minor issues promptly to prevent further damage.

## TROUBLESHOOTING

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### Common Issues and Solutions

- **Water Leaks:**
  - Ensure all zippers are fully closed and sealed.
  - Verify that the soft top is properly seated in the windshield header channel and door surrounds.
  - Check that the tailgate bar is correctly installed and creating a tight seal.
  - Inspect for any tears or punctures in the fabric; small holes may be repaired with a vinyl repair kit.
- **Excessive Flapping at Speed:**

- Ensure all adjustable straps are tightened securely.
  - Verify that the top is properly stretched and installed tautly over the roll bar and frame.
- **Difficulty Zipping Windows:**
    - Ensure the fabric is not binding or misaligned.
    - Apply a silicone-based lubricant to the zipper teeth.
    - Avoid forcing zippers; ensure they are aligned before zipping.

## SPECIFICATIONS

Attribute	Detail
Brand	Rugged Ridge
Model	Jeep Montana Frameless Top
Item Model Number	13790.33
Compatibility	1992-1995 Jeep Wrangler YJ
Exterior Material	Vinyl-coated polyester and cotton fabrics
Window Material	30 mil thick, DOT-approved 31% tinted vinyl
Item Weight	33 pounds
Package Dimensions	35.5 x 11 x 11 inches
Country of Origin	Canada

## WARRANTY AND SUPPORT

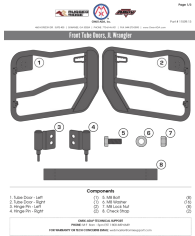
For warranty information and technical support, please refer to the official Rugged Ridge website or contact their customer service directly. Keep your purchase receipt as proof of ownership.

**Rugged Ridge Official Website:** [www.ruggedridge.com](http://www.ruggedridge.com)



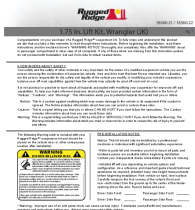
[Rugged Ridge Rear Tubular Bumper Installation Guide for 1987-2006 Jeep Wranglers](#)

Comprehensive installation instructions for the Rugged Ridge Rear Tubular Bumper, designed for 1987-2006 Jeep Wrangler models. Includes parts list, step-by-step guidance, warnings, and warranty information.



[Rugged Ridge Front Tube Doors for JL Wrangler Installation Guide](#)

Step-by-step installation guide for Rugged Ridge Front Tube Doors (Part # 11509.13) for the Jeep Wrangler JL, including component list, installation steps, and optional mirror information.



[Rugged Ridge 1.75 In. Lift Kit for Jeep Wrangler JK - Installation Guide](#)

Comprehensive installation guide for the Rugged Ridge 1.75 Inch Lift Kit designed for the Jeep Wrangler JK (models 18360.21/18360.22). Includes safety warnings, component listing, step-by-step front and rear suspension installation instructions, and post-installation checks.



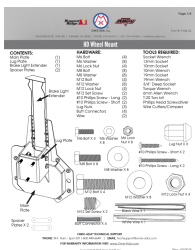
[Rugged Ridge Track Sliders for Jeep Seats Installation Guide](#)

Detailed installation instructions for Rugged Ridge Track Sliders (P/N: 13201.03) for Jeep CJ5, CJ7, and Wrangler models (1976-1995). Includes parts list, tools required, and safety warnings.



[Rugged Ridge Mega Short Slip Yoke Eliminator Kit 18676.72 Installation Guide](#)

Detailed installation instructions and parts list for the Rugged Ridge Mega Short Slip Yoke Eliminator Kit (Part Number 18676.72) for NP231 transfer cases. Includes compatibility, application notes, step-by-step guide, and speedometer calibration data.



[Rugged Ridge HD Wheel Mount Installation Guide](#)

Comprehensive installation guide for the Rugged Ridge HD Wheel Mount, detailing hardware, tools required, and step-by-step instructions for Jeep Wrangler JK models.