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## RUST BUSTER YJ Front Shackle & Steering Box Mount Section

# RUST BUSTER YJ Front Shackle & Steering Box Mount Section - Left Side Installation and Maintenance Manual

Model: YJ Front Shackle & Steering Box Mount Section | Brand: RUST BUSTER

## 1. INTRODUCTION

This manual provides detailed instructions for the proper installation, maintenance, and care of your RUST BUSTER YJ Front Shackle & Steering Box Mount Section (Left Side). This component is designed to provide a robust mounting point for the front shackle and steering box on compatible YJ models, ensuring structural integrity and proper vehicle operation. Please read this manual thoroughly before beginning any installation or maintenance procedures.

## 2. SAFETY INFORMATION

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in serious injury or damage to the vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and closed-toe shoes.
- Ensure the vehicle is securely supported on jack stands on a level surface before working underneath it. Never rely solely on a jack.
- Disconnect the vehicle's battery before performing any electrical work.
- Use the correct tools for each task.
- If you are unsure about any step, consult a qualified mechanic.
- Keep children and pets away from the work area.

## 3. INSTALLATION GUIDE

### 3.1. Tools and Materials Required

- Socket/Wrench Set (Metric and/or SAE, as applicable)
- Torque Wrench
- Jack and Jack Stands
- Safety Glasses and Gloves
- Penetrating Oil (optional, for rusted bolts)
- Wire Brush (optional, for cleaning mounting surfaces)

### 3.2. Pre-Installation Checks

- Verify that all components of the RUST BUSTER YJ Front Shackle & Steering Box Mount Section are present and undamaged.
- Ensure the vehicle frame and existing mounting points are free from excessive rust, corrosion, or damage. Repair as necessary before installation.
- Familiarize yourself with the vehicle's existing front suspension and steering box mounting configuration.

### 3.3. Step-by-Step Installation

1. **Prepare the Vehicle:** Safely lift the front of the vehicle and support it with jack stands. Remove the front wheels for better access if needed.
2. **Remove Existing Components (if applicable):** Carefully remove any existing shackle mounts or steering box mounts that will be replaced by this unit. Note the orientation and hardware for potential re-use or reference.
3. **Clean Mounting Area:** Thoroughly clean the frame rail and any mating surfaces where the new mount will be installed. Remove rust, dirt, and debris to ensure a flush fit.
4. **Position the Mount:** Align the RUST BUSTER YJ Front Shackle & Steering Box Mount Section (Left Side) with the pre-drilled holes on the vehicle's frame. Ensure it sits flush against the frame.
5. **Secure with Hardware:** Insert the appropriate bolts, washers, and nuts through the mounting holes. Hand-tighten all hardware initially.
6. **Torque to Specifications:** Refer to your vehicle's service manual or the hardware manufacturer's specifications for the correct torque values for all fasteners. Gradually tighten all bolts in a crisscross pattern to the specified torque.
7. **Reinstall Components:** Reinstall the front shackle and steering box onto the new mount, ensuring all connections are secure and torqued to specification.
8. **Final Inspection:** Double-check all fasteners for proper torque. Ensure there is no interference with other vehicle components.
9. **Lower Vehicle:** Carefully lower the vehicle off the jack stands.



*Figure 1: The RUST BUSTER YJ Front Shackle & Steering Box Mount Section (Left Side). This image shows the robust construction and pre-drilled mounting points for installation on the vehicle's frame.*

## 4. POST-INSTALLATION CHECKS AND INITIAL OPERATION

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After installation, it is crucial to perform the following checks before operating the vehicle:

- **Steering Functionality:** With the vehicle on the ground, turn the steering wheel lock-to-lock several times to ensure smooth operation and no binding or interference.
- **Visual Inspection:** Conduct a final visual inspection of the entire installation area to confirm all components are correctly seated and secured.
- **Test Drive:** Perform a short, low-speed test drive in a safe area. Listen for any unusual noises, feel for vibrations, or notice any changes in steering response. If any issues are detected, immediately pull over and re-inspect the installation.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your RUST BUSTER mount.

- **Periodic Inspection:** Every 3,000-5,000 miles or during routine vehicle service, visually inspect the mount for signs of rust, cracks, or damage.
- **Hardware Torque Check:** Periodically re-check the torque of all mounting bolts. Vibrations and road conditions can cause fasteners to loosen over time. Re-torque to manufacturer specifications.
- **Cleaning:** Keep the mount free from excessive dirt, mud, and road salt, which can accelerate corrosion. Clean with mild soap and water as needed.

## 6. TROUBLESHOOTING

Symptom	Possible Cause	Solution
Unusual noises (clunking, rattling) from the front end.	Loose mounting hardware.	Inspect and re-torque all bolts to specifications.
Steering feels loose or unresponsive.	Steering box not securely mounted; worn steering components.	Check steering box mounting bolts. Inspect other steering components for wear.
Visible rust or corrosion on the mount.	Exposure to elements; lack of cleaning.	Clean the area and apply a rust-inhibiting coating if necessary. Address any paint chips.

## 7. SPECIFICATIONS

- **Brand:** RUST BUSTER
- **Model:** YJ Front Shackle & Steering Box Mount Section (Left Side)
- **Item Weight:** 9.2 pounds
- **Product Dimensions:** 24.4 x 8 x 4.7 inches
- **ASIN:** B086QJ2FQF
- **Date First Available:** April 3, 2020

## 8. WARRANTY INFORMATION






For specific warranty details regarding your RUST BUSTER YJ Front Shackle & Steering Box Mount Section, please refer to the official RUST BUSTER website or contact their customer support directly. Warranty terms typically cover manufacturing defects and may vary based on purchase date and region.

## 9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your product, please contact RUST BUSTER customer support. Contact information can typically be found on the official RUST BUSTER website.  
*Note: Always provide your product model and ASIN (B086QJ2FQF) when contacting support for faster assistance.*

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## Related Documents - YJ Front Shackle & Steering Box Mount Section

 <p><b>RUST BUSTER</b> RB8446 Front Fuel Tank Crossmember 2001-2004 Toyota Sequoia</p> <p><b>REQUIRED TOOLS:</b> Welding torch Welding gloves Welding mask Welding wire Welding gas Welding torch Welding gloves Welding mask Welding wire Welding gas</p> <p><b>KIT CONTENTS:</b> Front Fuel Tank Crossmember Welding torch Welding gloves Welding mask Welding wire Welding gas</p>	<p><a href="#">Rust Buster RB8446 Front Fuel Tank Crossmember Installation Guide for 2001-2004 Toyota Sequoia</a></p> <p>Step-by-step installation guide for the Rust Buster RB8446 Front Fuel Tank Crossmember, designed for 2001-2004 Toyota Sequoia models. Includes required tools, kit contents, and detailed instructions for preparation, cutting, welding, and protection.</p>
 <p><b>RUST BUSTER</b> RB7705L &amp; RB7705R Front Frame Section 1997-2004 Dodge Dakota</p> <p><b>REQUIRED TOOLS:</b> Welding torch Welding gloves Welding mask Welding wire Welding gas Welding torch Welding gloves Welding mask Welding wire Welding gas</p> <p><b>KIT CONTENTS:</b> Front Frame Section Welding torch Welding gloves Welding mask Welding wire Welding gas</p>	<p><a href="#">Rust Buster RB7705L/RB7705R Front Frame Section Installation Guide for 1997-2004 Dodge Dakota</a></p> <p>Detailed installation instructions for the Rust Buster RB7705L and RB7705R Front Frame Section replacement kit, designed for 1997-2004 Dodge Dakota vehicles. Includes required tools, kit contents, safety precautions, and step-by-step welding and installation guidance.</p>
 <p><b>RUST BUSTER</b> RB7830L &amp; RB7830R Front Bed Mount 2011-2019 Chevrolet Silverado 2011-2019 GMC Sierra</p> <p><b>REQUIRED TOOLS:</b> Welding torch Welding gloves Welding mask Welding wire Welding gas Welding torch Welding gloves Welding mask Welding wire Welding gas</p> <p><b>KIT CONTENTS:</b> Front Bed Mount Welding torch Welding gloves Welding mask Welding wire Welding gas</p>	<p><a href="#">Rust Buster RB7830L/RB7830R Front Bed Mount Installation Guide for 2011-2019 GM HD Trucks</a></p> <p>Step-by-step installation instructions for the Rust Buster RB7830L and RB7830R Front Bed Mounts, designed for 2011-2019 Chevrolet Silverado and GMC Sierra 2500HD/3500HD pickup trucks. Includes required tools, kit contents, preparation, cutting, welding, and painting steps.</p>
 <p><b>RUST BUSTER</b> RB8438 Rear Body Mount 2001-2007 Toyota Sequoia</p> <p><b>REQUIRED TOOLS:</b> Welding torch Welding gloves Welding mask Welding wire Welding gas Welding torch Welding gloves Welding mask Welding wire Welding gas</p> <p><b>KIT CONTENTS:</b> Rear Body Mount Welding torch Welding gloves Welding mask Welding wire Welding gas</p>	<p><a href="#">Rust Buster RB8438 Rear Body Mount Installation Guide   2001-2007 Toyota Sequoia</a></p> <p>Detailed installation guide for the Rust Buster RB8438 Rear Body Mount for 2001-2007 Toyota Sequoia. Learn how to safely and effectively install this automotive part with step-by-step instructions, required tools, and kit contents.</p>
 <p><b>RUST BUSTER</b> RB7736L &amp; RB7736R Forward Bed Mount 2009-2018 Dodge Ram 1500</p> <p><b>REQUIRED TOOLS:</b> Welding torch Welding gloves Welding mask Welding wire Welding gas Welding torch Welding gloves Welding mask Welding wire Welding gas</p> <p><b>KIT CONTENTS:</b> Forward Bed Mount Welding torch Welding gloves Welding mask Welding wire Welding gas</p>	<p><a href="#">Rust Buster RB7736L &amp; RB7736R Forward Bed Mount Installation Guide for Dodge Ram 1500 (2009-2018)</a></p> <p>Step-by-step installation guide for the Rust Buster RB7736L &amp; RB7736R Forward Bed Mount, designed for 2009-2018 Dodge Ram 1500 trucks. Includes required tools, kit contents, and safety precautions.</p>



**REQUIRED TOOLS:**  
1/2" Drive Socket Set  
1/2" Drive Wrench  
Torque Wrench  
Safety Glasses  
Gloves

**REQUIRED PARTS:**  
Rust Buster RB7519 Mid Frame Crossmember  
Rust Buster RB7519 Mid Frame Crossmember  
Rust Buster RB7519 Mid Frame Crossmember

**NOTES:**  
1. See page 2 for installation instructions.  
2. See page 3 for torque specifications.

[Rust Buster RB7519 Mid Frame Crossmember Installation Guide for 2006-2010 Hummer H3](#)

Detailed installation instructions for the Rust Buster RB7519 Mid Frame Crossmember, designed for 2006-2010 Hummer H3 models. Includes required tools, kit contents, and step-by-step guidance for safe and effective installation.