

SuperATV BJ-CF-ZF950-002-M

SuperATV Heavy Duty Upper Ball Joint Instruction Manual

Model: BJ-CF-ZF950-002-M

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1. INTRODUCTION

This manual provides comprehensive instructions for the SuperATV Heavy Duty Upper Ball Joint. This product is engineered to offer superior durability and performance compared to stock components, ensuring a reliable upgrade for your CFMOTO ZForce or UForce vehicle. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.

2. COMPATIBILITY / FITMENT

This SuperATV Heavy Duty Upper Ball Joint is compatible with the following CFMOTO models:

- 2020+ CFMOTO ZForce 500
- 2012+ CFMOTO ZForce 600
- 2020+ CFMOTO ZForce 800
- 2020+ CFMOTO ZForce 950
- 2015+ UForce 500
- 2013+ CFMOTO UForce 800
- 2020+ CFMOTO UForce 1000

Note: This kit includes one (1) upper ball joint only.

3. PRODUCT FEATURES

The SuperATV Heavy Duty Upper Ball Joint offers significant enhancements over standard components:

- **Enhanced Strength:** Features a 4340 Chromoly Steel Stud, which is 1.5 times stronger and thicker than stock ball joint studs, providing superior resistance to wear and impact.

- **Adjustable Housing:** The ball joint housing is designed to be adjustable, allowing for precise tension settings.
- **Greaseable Design:** Equipped with a grease fitting, enabling regular lubrication to extend the lifespan and maintain smooth operation.
- **Serviceable:** Designed for easy servicing, ensuring long-term performance and simplified maintenance.



Image 1: SuperATV Heavy Duty Upper Ball Joint with included pin, nut, and snap ring.



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Image 2: Side view of the SuperATV Heavy Duty Upper Ball Joint, highlighting its robust construction.

4. SETUP & INSTALLATION

The Upper Ball Joint Replacement Kit includes the ball joint, pin, nut, snap ring, and glue. For detailed, step-by-step installation instructions, please refer to the official SuperATV resources:

- Scan the QR code provided with your product packaging.
- Visit the SuperATV website and navigate to the product page for model BJ-CF-ZF950-002-M to access the latest installation guides and videos.

Important: Professional installation is recommended if you are not familiar with vehicle suspension components. Ensure all fasteners are torqued to manufacturer specifications.

5. OPERATION

Once properly installed, the SuperATV Heavy Duty Upper Ball Joint will provide improved suspension performance and increased durability for your CFMOTO ZForce or UForce. The upgraded 4340 Chromoly Steel Stud and adjustable, greaseable design ensure that your vehicle's suspension can withstand more rigorous conditions than with stock components. This allows for more confident and reliable off-road riding.

6. MAINTENANCE

Regular maintenance is crucial for extending the life and ensuring optimal performance of your SuperATV Heavy Duty Upper Ball Joint:

- **Greasing:** Periodically grease the ball joint using the integrated grease fitting. Use a high-quality, all-purpose grease suitable for automotive applications. Frequency of greasing depends on riding conditions; more frequent greasing is recommended for dusty or wet environments.
- **Tension Adjustment:** The adjustable housing allows you to maintain perfect tension. Check and adjust the tension as needed to prevent excessive play and ensure smooth articulation. Refer to the SuperATV installation guide for specific adjustment procedures.
- **Inspection:** Regularly inspect the ball joint for any signs of wear, damage, or loose components. Address any issues promptly to prevent further damage to your vehicle's suspension system.

7. TROUBLESHOOTING

If you encounter issues with your SuperATV Heavy Duty Upper Ball Joint, consider the following common troubleshooting steps:

- **Excessive Play/Looseness:** Check if the ball joint tension needs adjustment. Ensure all mounting hardware is properly torqued.
- **Squeaking/Noise:** This often indicates a lack of lubrication. Apply fresh grease to the ball joint. If noise persists, inspect for wear or damage.
- **Difficulty Steering:** While less common for a ball joint alone, ensure the ball joint is not seized or overly tight. Re-check installation and lubrication.

For persistent issues or complex problems, it is recommended to consult a qualified mechanic or contact SuperATV customer support.

8. SPECIFICATIONS

Attribute	Detail
Manufacturer	SuperATV.com
Brand	SuperATV
Model Number	BJ-CF-ZF950-002-M
Item Weight	1 pound
Package Dimensions	2 x 1 x 1 inches
Material	4340 Chromoly Steel Stud
Features	Adjustable, Greaseable, Serviceable
Date First Available	March 23, 2022

9. WARRANTY & SUPPORT

SuperATV is committed to quality and innovation. All products are crafted and tested to meet high standards. For specific warranty information regarding your SuperATV Heavy Duty Upper Ball Joint, please refer to the warranty documentation included with your purchase or visit the official SuperATV website. For technical support or assistance, please contact SuperATV customer service directly through their website or provided contact channels.

10. SAFETY INFORMATION

⚠ California Proposition 65 Warning ⚠

This product may contain a chemical known to the State of California to cause cancer or birth defects or other reproductive harm.

Always wear appropriate personal protective equipment (PPE) during installation and maintenance. Ensure the vehicle is securely supported before working underneath it. Follow all safety guidelines provided in the vehicle's service manual.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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