

Blue Ox TT2302

Blue Ox TT2302 TigerTrak Axle Rear Bar User Manual

Enhancing stability and control for Workhorse chassis.

INTRODUCTION

The Blue Ox TT2302 TigerTrak is an essential component designed to improve the handling and stability of Workhorse chassis, specifically W20, W21, W22, and W24 models. This rear axle bar effectively eliminates the side shift of the axle in relation to the chassis frame. This lateral movement often causes a sensation of instability, prompting the driver to overcorrect with steering input. By minimizing this shift, the TigerTrak provides a more stable and predictable driving experience, reducing driver fatigue and enhancing overall safety.



Figure 1: The Blue Ox TT2302 TigerTrak Axle Rear Bar. This image displays the black metal bar with mounting brackets and bolts, designed to connect the axle to the chassis frame to prevent lateral movement. The "Blue Ox" logo is visible on the bar.

PRODUCT SPECIFICATIONS

Specification	Detail
Manufacturer	Blue Ox
Brand	Blue Ox
Model Number	TT2302
Product Dimensions	16.51 x 22.86 x 97.79 cm
Item Weight	11.8 kg (26.0 lb)
Country of Origin	United States
Compatible Chassis	Workhorse W20, W21, W22, W24 MHC Axle

SETUP AND INSTALLATION

Installation of the Blue Ox TT2302 TigerTrak requires mechanical aptitude and appropriate tools. It is recommended to consult the detailed installation instructions provided by Blue Ox with the product packaging for specific steps and safety precautions. Professional installation is advised if you are not comfortable performing the procedure yourself.

General Installation Considerations:

- Ensure the vehicle is safely supported on a level surface before beginning installation.
- Identify the correct mounting points on the chassis frame and the rear axle.
- Carefully align all components before tightening fasteners.
- Pay close attention to the frame clamp installation, ensuring it is securely and correctly positioned as per manufacturer guidelines.
- Torque all bolts to the specifications provided in the official installation guide.
- After installation, perform a visual inspection to confirm all parts are correctly installed and secured.

OPERATION

The Blue Ox TT2302 TigerTrak is a passive mechanical device that operates continuously once installed. Its function is to maintain the lateral alignment between the rear axle and the chassis frame. There are no user-adjustable settings or operational controls required after installation. The benefits of reduced side shift and improved handling will be immediately noticeable during vehicle operation, particularly when encountering crosswinds, uneven road surfaces, or passing large vehicles.

MAINTENANCE

The TigerTrak is designed for durability and requires minimal maintenance. Regular inspection is recommended to ensure optimal performance and safety.

- **Visual Inspection:** Periodically inspect all mounting bolts, brackets, and the bar itself for any signs of wear, damage, corrosion, or loosening.
- **Fastener Check:** Ensure all bolts remain properly torqued. Re-torque if necessary according to manufacturer specifications.
- **Cleaning:** Keep the unit free from excessive dirt, mud, and road salt, which can contribute to corrosion. Clean with mild soap and water if needed.
- **Lubrication:** Check the manufacturer's instructions for any specific lubrication requirements for pivot points, though typically these units are maintenance-free in terms of lubrication.

Address any issues promptly to prevent further damage or compromise to vehicle handling.

TROUBLESHOOTING

If you experience continued or new handling issues after installing the TigerTrak, consider the following:

- **Persistent Side Shift:**
 - Verify that all installation steps were followed correctly.
 - Check if all bolts are tightened to the specified torque.
 - Inspect the TigerTrak components for any signs of bending, cracking, or damage.
 - Ensure the correct model (TT2302) is installed for your specific Workhorse chassis (W20, W21, W22, W24).
- **Unusual Noises:**
 - Check for loose fasteners or components making contact with other parts of the chassis.
 - Inspect for any foreign objects lodged near the bar or its mounting points.

If troubleshooting steps do not resolve the issue, contact Blue Ox customer support or a qualified service technician.

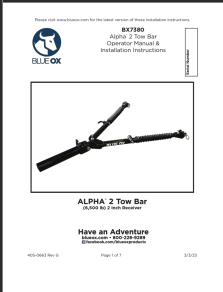
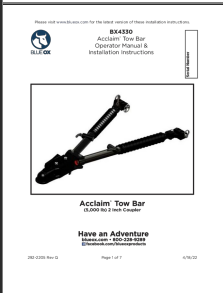
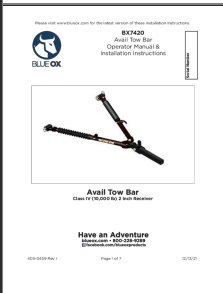
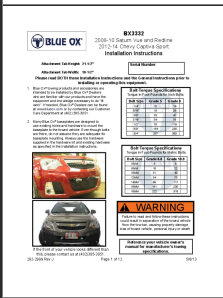
WARRANTY AND SUPPORT

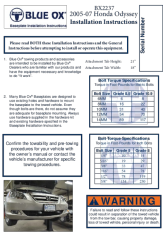
For specific warranty information regarding the Blue Ox TT2302 TigerTrak, please refer to the warranty documentation included with your product or visit the official Blue Ox website. Blue Ox provides customer support for product inquiries, technical assistance, and warranty claims. Contact information can typically be found on their official website or in the product packaging.

Official Blue Ox Website: www.blueox.com

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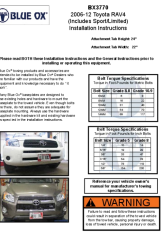
Related Documents - TT2302

	<p>Blue Ox BX7380 Alpha 2 Tow Bar Operator Manual & Installation Instructions</p> <p>Comprehensive operator manual and installation instructions for the Blue Ox BX7380 Alpha 2 Tow Bar, including general information, safety guidelines, installation steps, maintenance, replacement parts, and warranty details.</p>
	<p>Blue Ox Acclaim Tow Bar BX4330 Operator Manual & Installation Instructions</p> <p>Comprehensive guide for the Blue Ox Acclaim Tow Bar (BX4330), covering installation, operation, maintenance, and safety guidelines for towing vehicles.</p>
	<p>Blue Ox BX7420 Avail Tow Bar: Operator Manual & Installation Guide</p> <p>Comprehensive operator manual and installation guide for the Blue Ox BX7420 Avail Tow Bar, a Class IV tow bar with a 10,000 lb towing capacity. Includes safety instructions, installation steps, maintenance, replacement parts, and warranty information.</p>
	<p>Blue Ox BX3332 Installation Instructions for Saturn Vue and Chevy Captiva Sport</p> <p>Detailed installation guide for the Blue Ox BX3332 baseplate, designed for 2008-2010 Saturn Vue/Redline and 2012-2014 Chevy Captiva Sport vehicles. Includes tools required, parts list, step-by-step instructions, and safety warnings.</p>



[Blue Ox BX2237 Baseplate Installation Instructions for 2005-2007 Honda Odyssey](#)

Detailed installation guide for the Blue Ox BX2237 baseplate, designed for 2005-2007 Honda Odyssey models. Includes parts list, tools required, torque specifications, and step-by-step instructions.



[Blue Ox BX3770 Baseplate Installation Instructions for 2006-2012 Toyota RAV4](#)

Comprehensive installation guide for the Blue Ox BX3770 baseplate, designed for 2006-2012 Toyota RAV4 models (including Sport and Limited trims). Covers tools, parts, step-by-step instructions, torque specifications, and safety information.