Tow Tuff TMD-1000ATV

Tow Tuff TMD-1000ATV ATV Trailer Dolly User Manual

Model: TMD-1000ATV

Introduction

The Tow Tuff TMD-1000ATV ATV Trailer Dolly is designed to assist in moving trailers and attachments with an ATV or UTV, reducing the tongue weight on the towing vehicle. This dolly is ideal for various applications, including moving fish houses, tow-behind attachments, and implements for food plots. It features a robust 1,000 lb capacity and an adjustable design for versatile use.

Safety Information

- Always read and understand all instructions before assembly and operation.
- Do not exceed the maximum weight capacity of 1,000 lbs.
- Ensure all connections are secure before towing.
- Operate at a safe speed, especially on uneven terrain.
- Keep hands and feet clear of moving parts.
- Wear appropriate safety gear, including gloves and eye protection, during assembly and use.
- Do not modify the dolly in any way. Use only manufacturer-approved replacement parts.

Components and Parts List

Before beginning assembly, ensure all parts are present and undamaged. Refer to the diagram below for identification.



Figure 1: Main components of the TMD-1000ATV Trailer Dolly. This image shows the central frame, two wheels, the adjustable hitch arm, and the ball hitch assembly from a top-down perspective.

- Main Frame Assembly
- Wheel Assemblies (2)
- Adjustable Hitch Tube
- 2-inch Coupler
- 2-inch Ball Hitch
- Pin Hitch
- Hardware (bolts, nuts, washers, pins)

Setup and Assembly

1. **Unpack Components:** Carefully remove all parts from the packaging. Lay them out on a clean, flat surface.
2. **Attach Wheel Assemblies:** Securely attach the two wheel assemblies to the main frame using the provided bolts and nuts. Ensure wheels spin freely.
3. **Install Adjustable Hitch Tube:** Insert the adjustable hitch tube into the main frame. Adjust to the desired length (20" to 24.25") and secure with the appropriate pin or bolt. This tube also adjusts forward and backward to optimize weight distribution.
4. **Mount Coupler/Ball Hitch:** Attach the 2-inch coupler and/or the 2-inch ball hitch to the adjustable hitch tube. The dolly also includes a pin hitch option for various attachments.
5. **Final Check:** Before use, double-check all bolts, nuts, and pins to ensure they are tightened and secured.

Operating Instructions

1. **Connect to ATV/UTV:** Attach the dolly's hitch arm to your ATV or UTV's hitch receiver. Ensure a secure connection.
2. **Connect Trailer/Attachment:** Connect your trailer or attachment to the dolly's 2-inch coupler, 2-inch ball, or pin hitch. Verify that the connection is fully engaged and locked.
3. **Adjust for Weight Distribution:** Utilize the adjustable hitch tube to fine-tune the weight distribution. Adjusting it forward or backward can help balance the load and reduce stress on your ATV/UTV.
4. **Towing:** Begin towing slowly. The 40-inch wide wheelbase provides stability, and the 34-inch long hitch allows for a shorter turning radius. Be mindful of the turning radius, especially with longer trailers.
5. **Maneuvering:** The dolly is designed to ease the movement of trailers, particularly in tight spaces or when precise positioning is required.



Figure 2: The TMD-1000ATV dolly in use, connected between an ATV and a trailer. This image demonstrates the dolly's function in distributing the trailer's tongue weight, making it easier for the ATV to pull.



Figure 3: Another perspective of the TMD-1000ATV dolly in operation, highlighting its compact design and how it integrates with the towing setup. The image shows the dolly on a gravel surface with some snow.

Maintenance

- **Regular Inspection:** Periodically inspect all components for wear, damage, or loose fasteners. Pay close attention to the wheels, axles, and hitch connections.
- **Lubrication:** Lubricate moving parts, such as wheel bearings and pivot points, as needed to ensure smooth operation and prevent corrosion.
- **Tire Pressure:** Maintain proper air pressure in the 4.00 x 8 pneumatic tires. Refer to the tire sidewall for recommended pressure.
- **Cleaning:** Clean the dolly after use, especially if exposed to dirt, mud, or corrosive materials. Store in a dry place to prevent rust.
- **Storage:** When not in use, store the dolly in a protected area to extend its lifespan.

Troubleshooting

Problem	Possible Cause	Solution
Difficulty steering/turning	Improper weight distribution; Obstruction in steering path	Adjust the adjustable hitch tube to redistribute weight. Check for debris or obstacles.

Problem	Possible Cause	Solution
Excessive sway during towing	Improper weight distribution; Loose connections	Ensure the trailer tongue weight is properly distributed. Verify all hitch connections are secure.
Tires losing air pressure	Puncture; Loose valve stem; Worn tire	Inspect tires for damage. Inflate to recommended pressure. Repair or replace as necessary.
Noisy operation	Lack of lubrication; Loose components	Lubricate all moving parts. Tighten any loose bolts or nuts.

Specifications

Model: TMD-1000ATV

Capacity: 1,000 lbs

Wheelbase: 40 inches wide

Hitch Length: 34 inches long

Adjustable Tube Range: 20 inches to 24.25 inches (also adjusts forward/backward)

Tires: 4.00 x 8 pneumatic

Coupler: 2-inch

Included Hitches: 2-inch ball, Pin hitch

Construction: Steel

Product Dimensions: 48 x 43.5 x 24 inches

Item Weight: 94 pounds

Warranty Information

The Tow Tuff TMD-1000ATV ATV Trailer Dolly comes with a**1-Year Limited Manufacturer's Parts Warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or detailed information, please contact Tow Tuff customer support.

Support and Contact

For further assistance, technical support, or to inquire about replacement parts, please visit the official Tow Tuff store or contact their customer service department.
Official Store: Tow Tuff Store on Amazon
User Manual (PDF): Download PDF Manual

© 2024 Tow Tuff. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question