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M MASSIMO MOTOR 450

Massimo Buck 450 UTV Utility Vehicle User Manual

Model: 450 | Brand: M MASSIMO MOTOR

1. Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Massimo Buck 450 UTV. Please read this manual thoroughly before operating the vehicle and keep it for future reference.



Figure 1.1: Massimo Buck 450 UTV, showcasing its robust design and blue finish.

The Massimo Buck 450 is a lightweight utility vehicle designed for demanding terrain and various utility tasks. It features a reliable EFI engine, automatic transmission, and on-demand 4WD, making it suitable for both work and recreational use.

2. Safety Information

WARNING: Failure to follow these safety instructions could result in serious injury or death.

- Always wear appropriate safety gear, including a helmet, eye protection, and protective clothing.
- Ensure all passengers are properly seated and secured with seatbelts.
- Never operate the UTV under the influence of alcohol or drugs.
- Do not exceed the vehicle's weight capacity or towing limits.
- Be aware of your surroundings and terrain conditions. Avoid sudden maneuvers.
- Regularly inspect the vehicle for any damage or malfunctions before operation.

3. Setup

3.1 Initial Inspection

Upon receiving your Massimo Buck 450, perform a thorough visual inspection for any shipping damage. Verify all components listed in the packing list are present.

3.2 Fluid Levels and Tire Pressure

Before first use, check all fluid levels (engine oil, coolant, brake fluid) and ensure they are at the recommended marks. Verify tire pressure for all 25-inch All-Terrain tires as specified in the tire sidewall or a separate quick-start guide.

3.3 Battery Connection

Ensure the battery terminals are securely connected and free of corrosion. If the battery is not pre-installed, connect the positive (+) cable first, then the negative (-) cable.

4. Operating Instructions

4.1 Starting the Engine

The Massimo Buck 450 is equipped with a 352cc/25 HP EFI (Electronic Fuel Injection) engine. To start, ensure the transmission is in Neutral or Park, engage the parking brake, and turn the ignition key.

4.2 Transmission and Driving Modes

Your UTV features an automatic CVT (Continuously Variable Transmission) with Shaft Final Drive. It offers on-demand

2WD and 4WD with a locking differential for versatile terrain handling.

- **2WD Mode:** Ideal for general driving on firm surfaces.
- **4WD Mode:** Engage for improved traction on slippery or uneven terrain.
- **Locking Differential:** Use for maximum traction in extreme conditions. Consult your quick-start guide for specific engagement procedures.



Figure 4.1: The digital analog display provides clear operational information.

4.3 Hydraulic Assist Dump Bed

The Buck 450 includes a hydraulic assist dump bed, making it easy to unload materials. Refer to the specific controls for operating the dump bed, typically located near the cargo area or driver's seat.



Figure 4.2: Rear view of the Massimo Buck 450, highlighting the hydraulic assist dump bed.

4.4 Seating and Capacity

The UTV is designed for utility and can accommodate multiple occupants. The Buck 450X model (also available) features comfortable rear seating that folds into a bed, offering extra seating for guests or additional cargo space.



Figure 4.3: Side view of the Massimo Buck 450, illustrating its compact yet functional design.

4.5 Winch Operation

The integrated 3000lb winch is a powerful tool for recovery or pulling tasks. Always follow safe winching procedures, including wearing gloves, using appropriate anchor points, and ensuring bystanders are clear of the winch cable.



Figure 4.4: Front view of the Massimo Buck 450, highlighting the integrated 3000lb winch.

4.6 Official Product Video

For a visual guide on the features and operation of the Massimo Buck 450, please watch the official product video below:

Your browser does not support the video tag.

Video 4.1: Official product video showcasing the Massimo Buck 450 UTV's features and capabilities in various environments.

5. Maintenance

Regular maintenance is crucial for the longevity and safe operation of your Massimo Buck 450. Refer to the detailed maintenance schedule in your full owner's manual for specific intervals.

5.1 Engine Maintenance

- Regularly check and change engine oil and filter.
- Inspect and clean the air filter.
- Check coolant levels and condition.

5.2 Brake System

The UTV is equipped with hydraulic disc brakes. Periodically inspect brake pads for wear and check brake fluid levels. Ensure proper brake function before each use.

5.3 Tire Care

Maintain correct tire pressure for optimal performance and safety. Inspect 25-inch All-Terrain tires for wear, cuts, or punctures regularly.

5.4 General Inspection

Check all fasteners for tightness, inspect suspension components, and ensure all lights and indicators are functioning correctly.

6. Troubleshooting

This section provides basic troubleshooting steps for common issues. For complex problems, contact authorized service personnel.

Problem	Possible Cause	Solution
Engine won't start	Low fuel, dead battery, spark plug issue	Check fuel level, charge/replace battery, inspect spark plug
Loss of power	Clogged air filter, fuel system issue, low oil	Clean/replace air filter, check fuel lines, check oil level
Brakes feel spongy	Low brake fluid, air in system, worn pads	Check fluid, bleed brakes, inspect/replace pads

If the issue persists after attempting these steps, please contact Massimo Motor customer support.

7. Specifications

Feature	Detail
Model	Massimo Buck 450
Engine	352cc / 25 HP, EFI Four Stroke, Liquid Cooled
Transmission	Automatic CVT with Shaft Final Drive
Drive System	On-demand 2WD/4WD with Locking Differential
Brakes	Hydraulic Disc Brakes
Tires	25 inch All-Terrain Tires
Ground Clearance	11 inches

Feature	Detail
Towing Capacity	Up to 1,000 lbs
Winch	3000lb Winch (Standard)
Dimensions (L x W x H)	111"D x 57"W x 76"H
Weight	1113 pounds
Standard Equipment	Tilting Full Windshield, Hard Top Roof, ABS Half Doors, Hydraulic Assist Dump Bed

8. Warranty Information

The Massimo Buck 450 comes standard with a **1 year manufacturer warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your purchase or contact Massimo Motor customer support.

9. Customer Support

For any questions, technical assistance, or warranty service, please contact Massimo Motor Customer Support. You can find contact information on the official Massimo Motor website or through your retailer.
Important Note: As per manufacturer's restrictions, this item cannot be shipped to California due to CARB regulations.

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

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Submit question

Answered questions about this manual

Can the flywheel and clutch bearing on a 2022 Massimo Buck 450 be extracted without removing the three hex head bolts first?

Based on the standard mechanical design of the CVT (Continuously Variable Transmission) system used in the Massimo Buck 450, it is generally not recommended to attempt extraction of the flywheel or clutch bearing without...

Read full answer

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