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Kenda K399

Kenda Loadstar K399 Trailer Bias Tire User Manual

Model: K399 (Part Number: 093990823C1)

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Kenda Loadstar K399 Trailer Bias Tire. Designed for various trailer applications, including boat, cargo, utility, and snowmobile trailers, the K399 offers reliable performance when used according to these guidelines. Adhering to these instructions will help ensure safety and extend the lifespan of your tire.

SETUP AND INSTALLATION

Proper installation is crucial for tire performance and safety. It is highly recommended that tire mounting be performed by a qualified professional using appropriate equipment.

Mounting Guidelines:

- Rim Compatibility:** Ensure the tire size (215/60-8) is compatible with your trailer's rim. The specified rim width for this tire is 8 inches.
- Inspection:** Before mounting, inspect both the tire and the rim for any damage, defects, or foreign objects. Do not mount damaged tires or rims.
- Lubrication:** Use a suitable tire mounting lubricant on the tire beads and rim flanges to facilitate smooth mounting and prevent damage.
- Inflation:** Inflate the tire slowly and carefully to the recommended pressure. Refer to the tire sidewall for the maximum inflation pressure and your trailer's placard for the recommended operating pressure. Never exceed the maximum pressure indicated on the tire sidewall.
- Bead Seating:** Ensure both tire beads are properly seated on the rim. A distinct popping sound usually indicates proper seating.
- Balancing:** For optimal performance and reduced vibration, it is recommended to balance the tire and wheel assembly.



Figure 1: Front view of the Kenda Loadstar K399 Trailer Bias Tire, showcasing its tread pattern.

OPERATING INSTRUCTIONS

Correct operation and adherence to tire specifications are essential for safe towing and tire longevity.

Key Operating Considerations:

- **Inflation Pressure:** Maintain the recommended cold inflation pressure as specified by your trailer manufacturer or on the tire sidewall. Under-inflation can lead to excessive heat buildup, tire damage, and reduced fuel efficiency. Over-inflation can result in a harsher ride, reduced traction, and premature wear.
- **Load Capacity:** Do not exceed the maximum load capacity of 992 pounds per tire. Overloading can cause tire failure, loss of control, and damage to your trailer. Distribute the load evenly across the trailer.

- **Speed Rating:** The Kenda Loadstar K399 has a speed rating of 64M. This indicates a maximum speed of 81 mph (130 km/h) under specified load conditions. Always adhere to posted speed limits and adjust speed according to road conditions and trailer load.
- **Driving Conditions:** Avoid sudden starts, stops, and sharp turns, especially when towing a loaded trailer. These actions can put undue stress on the tires and trailer components.



Figure 2: Detailed view of the Kenda Loadstar K399's non-directional tread pattern, designed for stability.

MAINTENANCE

Regular maintenance is key to maximizing the life and safety of your Kenda Loadstar K399 tires.

Maintenance Schedule:

- **Tire Pressure Checks:** Check tire pressure monthly, and always before long trips, using an accurate tire gauge. Ensure tires are cold when checking pressure.
- **Visual Inspection:** Regularly inspect tires for signs of damage, such as cuts, cracks, bulges, or punctures. Also check for uneven wear patterns, which may indicate alignment or balance issues.
- **Tread Depth:** Monitor tread depth. The K399 has a tread depth of 8 inches when new. Replace tires when tread wear indicators become visible or when tread depth reaches the minimum legal limit for your

- **Vibrations or Shaking:**

- **Cause:** Unbalanced wheels, bent rim, damaged tire, or loose lug nuts.
- **Solution:** Have wheels balanced. Inspect rims and tires for damage. Check lug nut torque.

- **Tire Losing Air Pressure:**

- **Cause:** Puncture, leaky valve stem, damaged rim, or improper bead seating.
- **Solution:** Inspect the tire for punctures. Check the valve stem for leaks. Have a professional inspect the rim and bead seating.

- **Bulges or Blisters on Sidewall:**

- **Cause:** Internal damage to the tire structure, often from impact.
- **Solution:** This indicates a severely damaged tire. Replace the tire immediately. Do not attempt to repair.



Figure 4: Another perspective of the Kenda Loadstar K399's tread, highlighting its robust design.

SPECIFICATIONS

Detailed technical specifications for the Kenda Loadstar K399 Trailer Bias Tire.

Feature	Specification
Brand	Kenda
Model	K399
Part Number	093990823C1
Size	215/60-8 C
Section Width	215 Millimeters
Load Capacity	992 Pounds
Tread Depth	8 Inches
Tread Type	Non-Directional
Rim Width	8 Inches
Tire Diameter	18.4 inches
Item Weight	8 Pounds
Construction Type	Bias
UPC	748264711200



Figure 5: Two Kenda Loadstar K399 tires stacked, illustrating their compact design.

WARRANTY INFORMATION

Specific warranty terms for Kenda products, including the Loadstar K399 tire, are provided by the manufacturer. Please refer to the official Kenda website or contact your authorized Kenda dealer for detailed warranty coverage, terms, and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

SUPPORT

For further assistance, technical questions, or support regarding your Kenda Loadstar K399 Trailer Bias Tire, please contact:

- **Your Retailer:** The store or online vendor where you purchased the tire.
- **Kenda Customer Service:** Visit the official Kenda website for contact information, FAQs, and additional resources.

