Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Kenda Vezda UHP A/S KR400

Kenda Vezda UHP A/S KR400 All Season Tire User Manual

Model: 400032

Introduction Features Setup Operation Maintenance Troubleshooting Specifications Warranty Support

1. Introduction

The Kenda Vezda UHP A/S (KR400) is an ultra-high-performance all-season tire designed for use on sports cars, coupes, and sedans. This manual provides essential information for the proper installation, operation, and maintenance of your Kenda Vezda UHP A/S KR400 tires to ensure optimal performance and longevity.

It features a special silica-based rubber compound that allows for better traction and performance year-round. The low void outer tread increases traction and handling performance in dry weather, while a high void inner tread boosts handling and traction on wet roads for true year-round traction.

2. Key Features

- Designed for use on sports cars, coupes, and sedans.
- Developed at Kenda American Technical Center in Akron, OH.
- Built with 3D siping that creates additional biting edges for better traction on snowy roads and solid handling performance on dry roads.
- Four large circumferential grooves drain water from the tire to reduce the risk of hydroplaning on wet roads.



Figure 1: Kenda Vezda UHP A/S KR400 All Season Tire. This image shows the tire mounted on a wheel, highlighting its tread pattern and sidewall design.

3. Setup and Installation

Proper installation is crucial for tire performance and safety. It is highly recommended that tire installation be performed by a certified professional.

3.1 Pre-Installation Checks

- **Inspect Tires:** Before mounting, visually inspect each tire for any manufacturing defects or shipping damage.
- **Verify Size and Type:** Ensure the tire size (215/55-17) and type (All Season) match your vehicle's specifications.
- **Check Rims:** Ensure rims are clean, undamaged, and compatible with the tire size. The recommended rim width is 7 inches.

3.2 Mounting Instructions

1. **Lubricate Beads:** Apply a suitable tire mounting lubricant to the tire beads and rim flanges.
2. **Mount Tire:** Use appropriate tire mounting equipment to carefully mount the tire onto the rim, ensuring the directional arrows (if present) align with the direction of rotation.
3. **Inflate:** Inflate the tire slowly to the recommended pressure, ensuring the beads seat properly. Do not exceed the maximum pressure of 44 PSI.
4. **Balance:** Dynamically balance the tire and wheel assembly to prevent vibrations and ensure even wear.
5. **Install on Vehicle:** Install the balanced wheel assembly onto the vehicle, tightening lug nuts to the manufacturer's specified torque.



Figure 2: Front view of the Kenda Vezda UHP A/S KR400 tire. This image provides a clear view of the tire's tread pattern from the front.

4. Operating Guidelines

Adhering to proper operating guidelines will maximize the lifespan and performance of your Kenda Vezda UHP A/S KR400 tires.

4.1 Tire Pressure

- Maintain tire pressure according to your vehicle manufacturer's recommendations, typically found on a placard inside the driver's door jamb or in the owner's manual.
- Check tire pressure monthly, or before long trips, using a reliable pressure gauge. Check when tires are cold.
- Proper inflation is critical for safety, fuel efficiency, and tire longevity. Under-inflation can lead to excessive heat buildup and premature wear, while over-inflation can reduce traction and ride comfort.

4.2 Driving Conditions

- While these are all-season tires, extreme winter conditions (heavy snow, ice) may require dedicated winter tires for optimal safety.
- Avoid sudden acceleration, braking, and sharp turns, especially on wet or slippery surfaces, to minimize tire wear and maintain control.
- Be mindful of road hazards such as potholes, curbs, and debris, which can damage tires and wheels.





Figure 3: Side view of the Kenda Vezda UHP A/S KR400 tire. This image shows the tire's profile and sidewall markings.

5. Maintenance

Regular maintenance extends the life of your tires and ensures consistent performance.

5.1 Tire Rotation

- Rotate your tires every 5,000 to 7,500 miles, or as recommended by your vehicle manufacturer. This helps ensure even wear across all four tires.
- Follow the recommended rotation pattern for your vehicle type (e.g., front-wheel drive, rear-wheel drive, all-wheel drive).

5.2 Wheel Alignment and Balancing

- Have your wheel alignment checked annually or if you notice uneven tire wear, steering pull, or vibrations.
- Re-balance tires if you notice vibrations, especially after hitting a large pothole or curb.

5.3 Tire Inspection

- Regularly inspect tires for signs of damage, such as cuts, bulges, cracks, or punctures.
- Check tread depth using a tread depth gauge. Replace tires when the tread wears down to 2/32 inch (1.6 mm), indicated by the tread wear indicators.
- Remove any stones or debris lodged in the tread grooves.



Figure 4: Back view of the Kenda Vezda UHP A/S KR400 tire. This image provides another perspective of the tire's tread and overall shape.

6. Troubleshooting Common Issues

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Uneven Tread Wear	Improper tire pressure, misaligned wheels, unbalanced tires, worn suspension components.	Check and adjust tire pressure. Have alignment and balancing checked by a professional. Inspect suspension.
Vibrations or Shaking	Unbalanced tires, bent rim, worn suspension, tire damage.	Have tires re-balanced. Inspect rims and tires for damage. Consult a mechanic for suspension issues.
Tire Losing Air	Puncture, leaky valve stem, damaged rim, bead leak.	Inspect tire for punctures. Check valve stem. Have tire professionally inspected and repaired or replaced.
Hydroplaning	Worn tread, excessive speed in wet conditions, improper tire pressure.	Reduce speed in wet conditions. Ensure proper tire pressure. Replace tires if tread is worn.

7. Product Specifications

Specification	Value
Brand	Kenda
Model	Vezda UHP A/S KR400
Size	215/55-17
Seasons	Year Round
Section Width	8.9 Millimeters
Load Capacity	1477 Pounds
Tread Depth	10.5 Millimeters
Tread Type	Asymmetrical
Maximum Pressure	44 Pound per Square Inch
Rim Width	7 Inches
Tire Diameter	26.3 Inches
Item Weight	25.8 Pounds
Construction Type	Radial
UTQG	500AAA
OEM Part Number	400032

8. Warranty Information

The Kenda Vezda UHP A/S (KR400) tire is backed by an up to 50,000 mile limited manufacturer tread life warranty on regular fitments. For staggered fitment applications, a 25,000 mile limited manufacturer tread life warranty applies.
For complete details regarding warranty coverage, terms, conditions, and claim procedures, please refer to the official Kenda Tire warranty documentation provided with your purchase or visit the Kenda Tires official website.

9. Customer Support

For further assistance, technical inquiries, or support, please contact Kenda customer service or visit their official website.

- **Kenda Official Website:** www.kendatire.com
- **Amazon Product Page:** View Product on Amazon

© 2024 Kenda. 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

Open the live page

https://manuals.plus/asin/B074KRMN1Q

More documents and user manuals: **https://manuals.plus/**