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Goodyear ENDURANCE RSA

Goodyear ENDURANCE RSA LT245/75R16 Tire Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Goodyear ENDURANCE RSA LT245/75R16 tire. Adhering to these instructions will help ensure optimal performance, safety, and longevity of your tire. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Your safety is paramount. Always observe the following safety guidelines:

- **Professional Installation:** Tires should always be installed by qualified professionals using appropriate equipment. Improper installation can lead to tire failure and serious injury.
- **Inflation Pressure:** Maintain correct tire inflation pressure as specified by your vehicle manufacturer. Refer to your vehicle's owner's manual or the placard located on the driver's side door jamb, glove compartment, or fuel filler flap. Under-inflation or over-inflation can lead to premature wear, reduced fuel efficiency, and tire failure.
- **Load Capacity:** Do not exceed the maximum load capacity of the tire (3042 pounds) or your vehicle's Gross Vehicle Weight Rating (GVWR). Overloading can cause tire damage and blowouts.
- **Speed Rating:** Observe the tire's speed rating (Q). Do not operate the vehicle at speeds exceeding the tire's maximum speed capability or the legal speed limit, whichever is lower.
- **Regular Inspection:** Periodically inspect tires for cuts, punctures, bulges, cracks, and uneven wear. Any damage should be addressed immediately by a tire professional.
- **Tread Depth:** Replace tires when the tread depth reaches the minimum legal limit (typically 2/32 inch or 1.6 mm).

SETUP AND INSTALLATION

The Goodyear ENDURANCE RSA LT245/75R16 tire is designed for specific vehicle applications. Proper installation is critical for safety and performance.



Image: Goodyear ENDURANCE RSA LT245/75R16 tire. This image shows the full profile of the tire, highlighting the tread pattern and sidewall markings including the brand and model name.

1. **Professional Service:** Always have tires mounted and dismounted by a certified tire technician. They possess the specialized tools and expertise required to handle heavy-duty tires safely.
2. **Matching:** Ensure that all tires on the vehicle are of the same size, type, and construction, unless otherwise specified by the vehicle manufacturer.
3. **Rim Compatibility:** Verify that the tire is mounted on a compatible rim with the correct width (7 inches for this tire).
4. **Balancing:** After mounting, tires must be properly balanced to prevent vibrations and ensure even wear.
5. **Alignment:** Check vehicle wheel alignment after tire installation. Incorrect alignment can cause rapid and irregular tire wear.
6. **Initial Inflation:** Inflate the tire to the pressure recommended by the vehicle manufacturer, not the maximum pressure listed on the tire sidewall, unless specifically instructed.

OPERATING GUIDELINES

Proper operation ensures the safety and performance of your Goodyear ENDURANCE RSA tires.

- **Maintain Correct Inflation:** Check tire pressure regularly, at least once a month and before long trips, using an accurate tire gauge. Adjust pressure when tires are cold.
- **Observe Load Limits:** Do not exceed the tire's load index of 120 (single) / 116 (dual) or the vehicle's maximum load capacity.
- **Adhere to Speed Limits:** The tire has a speed rating of Q, indicating a maximum speed of 160 km/h (99 mph) under specified load and inflation conditions. Always drive within legal speed limits and adjust speed to road and weather conditions.
- **Driving Habits:** Avoid sudden acceleration, hard braking, and aggressive cornering, which can accelerate tire wear and reduce lifespan.
- **Road Hazards:** Drive cautiously to avoid potholes, curbs, and other road hazards that can damage tires.

MAINTENANCE

Regular maintenance is crucial for extending the life and ensuring the safety of your tires.



Image: Close-up of Goodyear ENDURANCE RSA tire tread. This image highlights the detailed tread pattern designed for traction and durability.

1. **Tire Pressure Checks:** Check tire pressure weekly or bi-weekly. Fluctuations in temperature can affect pressure.
2. **Tire Rotation:** Rotate tires according to your vehicle manufacturer's recommendations, typically every 5,000 to 8,000 miles (8,000 to 13,000 km), to promote even wear.
3. **Tread Depth Monitoring:** Regularly check tread depth. The original tread depth is 15/32nds. Replace tires when tread wears down to 2/32nds of an inch (1.6 mm), indicated by wear bars in the grooves.
4. **Visual Inspection:** Inspect tires for any signs of damage such as cuts, cracks, bulges, or embedded objects. Remove any stones or debris from the tread grooves.
5. **Cleaning:** Clean tires with mild soap and water. Avoid harsh chemicals that can degrade rubber.

TROUBLESHOOTING

This section addresses common issues you might encounter with your tires.

Symptom	Possible Cause	Recommended Action
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, worn suspension components.	Check tire pressure, have wheel alignment and balancing checked by a professional. Inspect suspension.
Vibrations or Shaking	Unbalanced wheels, bent rim, tire damage, worn suspension.	Have wheels balanced and inspected for damage. Check suspension components.
Rapid Air Loss	Puncture, valve stem leak, bead leak, rim damage.	Immediately inspect tire for damage. Seek professional repair or replacement.
Bulges or Blisters on Sidewall	Impact damage, internal tire structure failure.	Do not drive on the tire. This indicates severe internal damage. Replace the tire immediately.

For any persistent or severe issues, always consult a qualified tire professional.

SPECIFICATIONS

Detailed technical specifications for the Goodyear ENDURANCE RSA LT245/75R16 tire:

Brand: Goodyear

Model: ENDURANCE RSA

Size: LT245/75R16

Section Width: 245 Millimeters

Tire Aspect Ratio: 75.0

Rim Size: 16 Inches

Rim Width: 7 Inches

Load Index: 120 (Single) / 116 (Dual)

Speed Rating: Q

Load Capacity: 3042 Pounds

Load Range: E (10 Ply Rating)

Tread Depth: 15/32nds

Construction Type: Radial

Item Weight: 45 Pounds

UPC: 697662129783

Manufacturer Part Number: 139715674

WARRANTY AND SUPPORT

For detailed information regarding the warranty coverage for your Goodyear ENDURANCE RSA tire, please refer to the official Goodyear warranty documentation provided at the point of purchase or visit the official Goodyear website. For technical support or further inquiries, please contact Goodyear customer service through their official channels.



Image: Goodyear logo. This is the official logo of the Goodyear Tire & Rubber Company, featuring the winged foot design.

