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› [Bridgestone](#) /

› [Bridgestone ECOPIA NH200 Tire User Manual](#)

Bridgestone PSR00409

Bridgestone ECOPIA NH200 Tire User Manual

Model: PSR00409

1. PRODUCT OVERVIEW

The Bridgestone ECOPIA NH200 series is a low fuel consumption tire designed to support evolving vehicles and maximize their inherent performance. The ECOPIA brand, established in 1995, is committed to achieving a sustainable society through mobility.

This tire focuses on a comprehensive balance of seven critical performance aspects: low fuel consumption, wet performance, life performance, dry performance, straight-line stability, quietness, and ride comfort. The NH200 series incorporates an "eco-technology structure" to reduce energy loss during rolling, resulting in an 11% reduction in rolling resistance compared to the previous ECOPIA NH100 model.

Utilizing a new dedicated pattern and Bridgestone's unique "ULTIMAT EYE" technology, the NH200 achieves high resistance to uneven wear by equalizing ground pressure. This design minimizes wear on the tire shoulder, extending wet performance. Furthermore, the new pattern design also suppresses driving noise, enhancing in-cabin quietness.

For the ECOPIA NH200 C, an optimized block rigidity in the new pattern improves both wear resistance and wet performance, as well as overall tire life. Bridgestone's commitment extends beyond tire performance, aiming to reduce environmental impact across the entire value chain through commonality and modularity technology, balancing both social and customer value.

2. KEY FEATURES

- **Enhanced Fuel Efficiency:** Features an "eco-technology structure" reducing rolling resistance by 11% compared to previous models.
- **Superior Wear Resistance:** Utilizes a new pattern and "ULTIMAT EYE" technology for even ground pressure, preventing uneven wear and extending tire life.
- **Improved Wet Performance:** Designed to maintain excellent grip and safety in wet conditions for a longer duration.
- **Reduced Noise:** New pattern design minimizes road noise for a quieter cabin experience.
- **Balanced Performance:** Integrates low fuel consumption, wet performance, life performance, dry performance, straight-line stability, quietness, and ride comfort.

3. SPECIFICATIONS

Specification	Detail
Brand	Bridgestone
Model Name	ECOPIA NH200
Product Model Number	PSR00409
Tire Size	195/65R15
Tire Width	195 millimeters
Aspect Ratio	65
Rim Diameter	15 inches
Load Index	91 (Max Load: 615 kg)
Speed Rating	H (Max Speed: 210 km/h)
Construction	Radial
Tread Depth	7 millimeters
Color	Black
Item Weight	6 Kilograms
Rolling Resistance Coefficient (RRC)	AA
Wet Grip Performance (G)	b



Image 1: Top-down view of the Bridgestone ECOPIA NH200 tire, showcasing its advanced tread pattern designed for

optimal performance and durability.



Image 2: Angled view of the Bridgestone ECOPIA NH200 tire, showing the sidewall branding and the intricate tread design.

4. INSTALLATION GUIDE (SETUP)

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

4.1 Pre-Installation Checks

- Ensure the tire size, load index, and speed rating match your vehicle's specifications as recommended by the vehicle manufacturer.
- Inspect the tire for any visible damage, cuts, or deformities before mounting.
- Verify that the wheel rim is clean, free from rust, damage, or sharp edges.

4.2 Mounting Procedure

1. Lubricate the tire beads and rim flanges with a suitable tire mounting lubricant.
2. Mount the tire onto the wheel rim, ensuring the correct rotational direction if indicated on the tire sidewall.
3. Inflate the tire slowly to the recommended pressure, ensuring the beads seat properly on the rim. Do not exceed the maximum inflation pressure indicated on the tire sidewall.
4. Once seated, adjust the tire pressure to the vehicle manufacturer's recommended cold inflation pressure, typically found on a placard inside the driver's door jamb, glove compartment, or owner's manual.
5. Balance the tire and wheel assembly to prevent vibrations and ensure even wear.

4.3 Post-Installation

- After driving a short distance (e.g., 50-100 km), re-check the tire pressure and re-torque the lug nuts to the vehicle manufacturer's specifications.

5. USAGE GUIDELINES (OPERATING)

Adhering to proper usage guidelines will maximize the life and performance of your Bridgestone ECOPIA NH200 tires.

5.1 Tire Pressure

- Maintain correct tire inflation pressure as specified by your vehicle manufacturer. Check pressure at least once a month and before long trips, when tires are cold.
- Under-inflation can lead to excessive heat buildup, increased rolling resistance, reduced fuel efficiency, and premature wear. Over-inflation can result in a harsher ride, reduced traction, and uneven wear.

5.2 Driving Habits

- Avoid sudden acceleration, harsh braking, and aggressive cornering, as these can accelerate tire wear.
- Drive at appropriate speeds for road conditions and legal limits. Excessive speed generates heat and can lead to tire failure.
- Be mindful of road hazards such as potholes, curbs, and debris, which can cause tire damage.

5.3 Load Capacity

- Do not exceed the maximum load capacity specified for your tires and vehicle. Overloading can cause tire damage and failure.

6. MAINTENANCE TIPS

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

6.1 Tire Rotation

- Rotate your tires every 8,000 to 10,000 kilometers (5,000 to 6,000 miles) or as recommended by your vehicle manufacturer. This promotes even wear across all tires.

6.2 Wheel Alignment and Balancing

- Have your wheel alignment checked periodically, especially if you notice uneven tire wear or steering issues.
- Ensure tires are balanced when installed and re-balanced if weights are lost or if you notice vibrations.

6.3 Tread Depth Inspection

- Regularly inspect tread depth. Replace tires when the tread wears down to the minimum legal limit (typically 1.6 mm or 2/32 inch in many regions), indicated by tread wear indicators.

6.4 Visual Inspection

- Periodically inspect tires for cuts, punctures, bulges, cracks, or any other signs of damage. If damage is found, have the tire inspected by a professional immediately.

7. TROUBLESHOOTING

This section provides general guidance for common tire-related issues. For severe problems, consult a qualified tire professional.

7.1 Uneven Tire Wear

- **Cause:** Incorrect tire pressure, improper wheel alignment, unbalanced wheels, worn suspension components.
- **Solution:** Check and adjust tire pressure, have wheel alignment checked, balance wheels, inspect suspension.

7.2 Vibrations While Driving

- **Cause:** Unbalanced wheels, bent rim, tire damage, worn suspension components.
- **Solution:** Have wheels balanced, inspect rims and tires for damage, check suspension.

7.3 Tire Losing Air Pressure

- **Cause:** Puncture, leaky valve stem, damaged rim, bead leak.
- **Solution:** Inspect tire for punctures, check valve stem, have tire professionally inspected and repaired or replaced.

7.4 Increased Road Noise

- **Cause:** Uneven tire wear, worn wheel bearings, tire age.

- **Solution:** Check for uneven wear and address alignment/rotation issues, inspect wheel bearings, consider tire replacement if very old.

8. WARRANTY AND SUPPORT

Specific warranty information for the Bridgestone ECOPIA NH200 tire is typically provided at the point of purchase or can be found on the official Bridgestone website for your region. Please retain your proof of purchase for any warranty claims.

For technical support, product inquiries, or warranty service, please contact Bridgestone customer service or an authorized Bridgestone dealer in your area. Contact information can usually be found on the official Bridgestone website.

Note: No official product videos were available in the provided product data for this manual.

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Related Documents - PSR00409

	<p>Bridgestone and Firestone Tire Care: Maintenance, Safety, and Warranty Guide</p> <p>Comprehensive guide from Bridgestone and Firestone covering essential tire maintenance, safety practices, and warranty information for passenger and light truck tires, including Run-Flat Technology (RFT).</p>
	<p>Bridgestone Tire Promotion: Get \$80 or \$70 Prepaid Mastercard with Qualifying Tire Purchase</p> <p>Details of the Bridgestone Fall 2025 tire promotion. Receive an \$80 Bridgestone Prepaid Mastercard with Alenza tires or a \$70 Mastercard with DriveGuard, Dueler, Ecopia, Potenza, Turanza, or WeatherPeak tires. Offer valid October 1-31, 2025. See terms and conditions for details.</p>
	<p>Bridgestone Tire Promotion: Get Up to \$120 Back via Prepaid Mastercard</p> <p>Details of the Bridgestone tire promotion offering up to \$120 back by mail on a Prepaid Mastercard® with the purchase of 4 eligible Bridgestone tires. Offer valid September 15 - December 7, 2025.</p>



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Profitez d'une offre de remise Bridgestone allant jusqu'à 120\$ sur l'achat de quatre pneus éligibles, plus un rabais additionnel pour les membres CAA. Valide du 15 septembre au 7 décembre 2025.



[Bridgestone BLIZZAK LM005 Tire Specifications | Product Information Sheet](#)

Comprehensive product data for the Bridgestone BLIZZAK LM005 tire, including size, load index, speed rating, fuel efficiency, wet grip, noise levels, and production details, as per EU Regulation 2020/740.