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› [Goodyear](#) /

› [Goodyear Assurance All-Season Radial Tire 235/55R19 101H User Manual](#)

Goodyear Assurance All-Season 235/55R19 101H

Goodyear Assurance All-Season Radial Tire

Model: 235/55R19 101H

1. PRODUCT OVERVIEW

The Goodyear Assurance All-Season Radial Tire is engineered for reliable performance across various weather conditions. This tire, specified as 235/55R19 101H, provides a balance of comfort, handling, and traction for passenger cars and SUVs.



Image 1.1: Front view of the Goodyear Assurance All-Season Radial Tire, showcasing its tread pattern and sidewall markings.

2. INSTALLATION GUIDELINES

Proper installation is crucial for tire performance and safety. It is strongly recommended that these tires be installed by a qualified professional technician.

2.1 Pre-Installation Checks

- **Vehicle Compatibility:** Ensure the tire size (235/55R19) and specifications (101H) match your vehicle manufacturer's recommendations. Refer to your vehicle's owner's manual or tire placard.
- **Tire Condition:** Inspect the tire for any visible damage, cuts, or punctures prior to mounting.

2.2 Mounting and Balancing

- Mount the tire onto a clean, undamaged rim of the correct size (recommended rim width: 7.5 inches).
- Ensure proper bead seating and lubrication.
- Balance the tire and wheel assembly to prevent vibrations and promote even wear.

2.3 Inflation

- Inflate tires to the pressure recommended by your vehicle manufacturer, not the maximum pressure listed on the tire sidewall. This information is typically found on a placard inside the driver's side door jamb, glove compartment, or fuel filler door.
- Check tire pressure when tires are cold (driven less than one mile).



Image 2.1: A Goodyear Assurance All-Season tire properly mounted on a vehicle wheel, ready for installation.

3. OPERATING AND SAFETY

Adhering to these guidelines will help ensure safe operation and extend the life of your tires.

3.1 Tire Pressure

- Check tire pressure monthly, or before long trips, using an accurate tire gauge.
- Under-inflation or over-inflation can lead to premature wear, reduced fuel efficiency, and compromised handling.

3.2 Load and Speed Ratings

- The load index of 101 indicates a maximum load capacity of 1819 pounds per tire. Do not exceed your vehicle's Gross Vehicle Weight Rating (GVWR).
- The speed rating 'H' indicates a maximum safe speed of 130 mph (210 km/h) under optimal conditions. Always adhere to legal speed limits.

3.3 Driving Conditions

- These all-season tires are designed for good performance in dry, wet, and light snow conditions.
- Adjust driving speed and style to suit road conditions, especially in adverse weather.



Image 3.1: A vehicle equipped with Goodyear tires navigating a challenging, muddy terrain, demonstrating tire capability in varied conditions.

4. MAINTENANCE

Regular maintenance is essential for maximizing tire life and ensuring consistent performance.

4.1 Tire Rotation

- Rotate tires every 5,000 to 7,500 miles, or as recommended by your vehicle manufacturer, to promote even wear across all four tires.

4.2 Tread Depth Inspection

- Regularly inspect tread depth. The original tread depth is 9/32nds.
- Tires should be replaced when tread depth reaches 2/32nds of an inch, indicated by the tread wear indicators (bars molded into the tread grooves).

4.3 Wheel Alignment

- Have your vehicle's wheel alignment checked periodically, especially if you notice uneven tire wear or steering issues.

4.4 Cleaning and Storage

- Clean tires with mild soap and water. Avoid harsh chemicals that can degrade rubber.
- When storing tires, keep them in a cool, dry place away from direct sunlight, heat sources, and ozone-

producing equipment.



Image 4.1: A detailed side view of the Goodyear Assurance All-Season tire, highlighting its symmetrical tread pattern designed for all-season performance.

5. TROUBLESHOOTING COMMON ISSUES

This section addresses common tire-related problems and suggests initial steps. For persistent or severe issues, consult a professional.

5.1 Uneven Tire Wear

- **Cause:** Improper inflation, misalignment, or lack of rotation.
- **Solution:** Check and adjust tire pressure, have alignment inspected, and ensure regular tire rotations.

5.2 Vibrations

- **Cause:** Unbalanced wheels, bent rim, or damaged tire.
- **Solution:** Have wheels re-balanced and inspected for damage.

5.3 Loss of Air Pressure

- **Cause:** Puncture, leaky valve stem, or bead leak.
- **Solution:** Inspect the tire for punctures. If found, seek professional repair or replacement immediately. Do not drive on a flat or severely under-inflated tire.

6. SPECIFICATIONS

Key technical specifications for the Goodyear Assurance All-Season Radial Tire 235/55R19 101H:

Specification	Value
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Specification	Value
Brand	Goodyear
Model	Assurance All-Season
Size	235/55R19
Section Width	235 Millimeters
Aspect Ratio	55
Rim Diameter	19 Inches
Load Index	101 (1819 Pounds)
Speed Rating	H (up to 130 mph)
Construction Type	Radial
Tread Type	Symmetrical
Tread Depth	9/32nds
Maximum Pressure	80 PSI (Pound per Square Inch)
Rim Width	7.5 Inches
Tire Diameter	29.2 Inches
Item Weight	16.6 Pounds
UTQG	600AB
UPC	697662132899
Manufacturer Part Number	407924374

7. WARRANTY AND SUPPORT

Goodyear tires are backed by a manufacturer's warranty. Specific warranty terms and conditions, including coverage period and limitations, can vary. Please refer to the official Goodyear website or contact Goodyear customer service for detailed warranty information applicable to your region and purchase.

For technical assistance, product inquiries, or warranty claims, please contact Goodyear customer support through their official channels.

Goodyear Official Website: www.goodyear.com

	<p><u>Regrooving Recommendations for Goodyear Truck Tyres</u></p> <p>A comprehensive guide detailing regrooving recommendations for various Goodyear truck tire models, including specific tread patterns, wear stages, and optimal regrooving depths and widths.</p>
	<p><u>Goodyear Dual Flow Inflator User Manual and Safety Instructions</u></p> <p>Comprehensive guide for the Goodyear Dual Flow Inflator, covering features, operation, troubleshooting, specifications, and warranty information for models GY6AHL, GY6DHL, and GY6DHL-CA.</p>
	<p><u>Manual de Usuario Compresor de Aire Goodyear GY2248CD/GY2508CD Series</u></p> <p>Guía completa de usuario para los compresores de aire Goodyear modelos GY2248CD, GY2248CDS, GY2248CDH, GY2508CD, GY2508CDS, GY2508CDH. Incluye instrucciones de seguridad, montaje, operación, mantenimiento y solución de problemas.</p>
	<p><u>Goodyear Steel Spring Driven Reel Instruction Manual</u></p> <p>This instruction manual provides detailed information on the safe operation, installation, and maintenance of Goodyear Steel Spring Driven Reels, including models L820153G, L820154G, M820154G, and H820152G. It covers general safety regulations, technical specifications, installation procedures, operation guidelines, and parts lists.</p>
	<p><u>Goodyear Side Window Deflectors Installation Manual</u></p> <p>Comprehensive installation guide for Goodyear side window deflectors, covering front and rear installation for vehicles. Includes safety warnings and step-by-step instructions.</p>
	<p><u>Goodyear Digital Oil Control Valve Instruction Manual</u></p> <p>Comprehensive instruction manual for the Goodyear Digital Oil Control Valve (Model 18123522G), covering technical details, safety precautions, installation, operation, troubleshooting, and warranty information.</p>