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› Yokohama Geolander A/T G015 All-Terrain Radial Tire 215/70R16 100H User Manual

Yokohama Geolander A/T G015

Yokohama Geolander A/T G015 All-Terrain Radial Tire User Manual

Model: Geolander A/T G015 | Size: 215/70R16 100H

1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your Yokohama Geolander A/T G015 All-Terrain Radial Tire. Adhering to these guidelines will help ensure optimal performance, safety, and longevity of your tires.

The Yokohama Geolander A/T G015 is engineered for versatile performance, offering reliable traction on both paved roads and various off-road conditions. Its design incorporates features for enhanced durability and all-season capability.



Image 1.1: The Yokohama Geolander A/T G015 tire, showcasing its all-terrain tread pattern.

2. SETUP AND INSTALLATION

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

2.1 Pre-Installation Checks

- **Verify Tire Size:** Ensure the tire size (215/70R16 100H) matches your vehicle's specifications as recommended by the vehicle manufacturer.
- **Inspect Tires:** Before mounting, visually inspect the tires for any manufacturing defects or shipping damage.
- **Check Rim Compatibility:** Confirm that the rim width (6.5 inches recommended) is compatible with the tire.

2.2 Mounting and Balancing

1. Mount the tire onto the wheel according to industry standards, ensuring proper bead seating.
2. Balance the tire and wheel assembly using a calibrated balancing machine to prevent vibrations and promote even wear.
3. Install the balanced wheel assembly onto the vehicle, tightening lug nuts to the vehicle manufacturer's specified torque settings.

2.3 Alignment

After installing new tires, it is advisable to have your vehicle's wheel alignment checked and adjusted if necessary. Proper

alignment helps prevent premature and uneven tire wear.



Image 2.1: A Yokohama Geolander A/T G015 tire mounted on a wheel, ready for installation.

3. OPERATING GUIDELINES

Understanding the operating characteristics of your tires is essential for safe driving and maximizing tire life.

3.1 Tire Pressure

Maintain correct tire inflation pressure as specified by your vehicle manufacturer, typically found on a placard inside the driver's side door jamb, glove compartment, or owner's manual. Check tire pressure regularly, at least once a month and before long trips, when tires are cold.

3.2 Load Capacity

The Yokohama Geolander A/T G015 (size 215/70R16 100H) has a maximum load capacity of 1764 pounds per tire. Do not exceed the maximum load capacity of your tires or your vehicle's Gross Vehicle Weight Rating (GVWR).

3.3 Speed Rating

The 'H' speed rating indicates a maximum speed capability of 130 mph (210 km/h) under specified conditions. Always adhere to legal speed limits and adjust driving speed to road and weather conditions.

3.4 All-Terrain Use

This tire is designed for all-terrain use, providing traction on various surfaces including pavement, gravel, and light mud. When driving off-road, reduce speed, avoid sharp obstacles, and be aware of potential hazards that could damage tires.



Image 3.1: The Yokohama Geolander A/T G015 tire performing on a gravel surface, demonstrating its all-terrain capability.

4. MAINTENANCE

Regular maintenance extends tire life and ensures consistent performance.

4.1 Tire Rotation

Rotate your tires every 5,000 to 8,000 miles (8,000 to 13,000 km) or as recommended by your vehicle manufacturer. This helps promote even tread wear across all four tires.

4.2 Inspection for Wear and Damage

Periodically inspect your tires for:

- **Tread Wear:** Check for uneven wear patterns, which can indicate issues with alignment, balancing, or inflation.
- **Tread Depth:** The new tread depth is 12/32nds. Replace tires when the tread depth reaches 2/32nds of an inch (1.6 mm), indicated by tread wear indicators (bars molded into the tread grooves).
- **Damage:** Look for cuts, punctures, bulges, cracks, or other signs of damage. Any significant damage should be inspected by a tire professional immediately.

4.3 Cleaning

Clean tires with mild soap and water. Avoid harsh chemical cleaners that can degrade rubber compounds.



Image 4.1: A detailed view of the Yokohama Geolander A/T G015 tread pattern, highlighting its sipes and grooves.

5. TROUBLESHOOTING COMMON ISSUES

Addressing common tire issues promptly can prevent further damage and ensure safety.

5.1 Uneven Tread Wear

- **Cause:** Incorrect tire pressure, improper wheel alignment, or lack of tire rotation.
- **Solution:** Check and adjust tire pressure, have alignment inspected, and ensure regular tire rotation.

5.2 Vibrations

- **Cause:** Unbalanced wheels, damaged tires, or suspension issues.
- **Solution:** Have tires re-balanced, inspect for tire damage, and check vehicle suspension components.

5.3 Loss of Air Pressure

- **Cause:** Puncture, faulty valve stem, or bead leak.
- **Solution:** Inspect the tire for punctures or damage. Seek professional repair or replacement if necessary.

6. SPECIFICATIONS

Key technical specifications for the Yokohama Geolander A/T G015 tire (215/70R16 100H).

Specification	Value
Brand	Yokohama
Model	Geolander A/T G015
Size	215/70R16
Load Index / Speed Rating	100H
Section Width	215 Millimeters

Specification	Value
Load Capacity	1764 Pounds
Tread Depth (New)	12 32nds
Tread Type	Directional
Rim Width (Recommended)	6.5 Inches
Tire Diameter	27.9 Inches
Construction Type	Radial
Item Weight	27.4 pounds
UTQG	Treadwear: 600, Traction: A, Temperature: B
Manufacturer Part Number	01574

7. WARRANTY AND SUPPORT

Yokohama provides a limited warranty for its tires, covering defects in materials and workmanship. Specific warranty terms and conditions, including duration and coverage details, can vary. Please refer to the official Yokohama website or contact a Yokohama authorized dealer for the most current and complete warranty information.

For technical support, product inquiries, or warranty claims, please contact Yokohama customer service or visit their official website:

- **Yokohama Official Website:** www.yokohamatire.com
- **Customer Service:** Refer to the website for contact numbers or online support options.

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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.

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