

Yokohama Geolandar H/T G056

Yokohama Geolandar H/T G056 LT235/85R16 Instruction Manual

Brand: Yokohama | **Model:** Geolandar H/T G056

1. INTRODUCTION AND OVERVIEW

The Yokohama Geolandar H/T G056 is an all-season radial tire designed for light trucks, SUVs, and crossovers, offering a balance of highway comfort and all-season traction. This manual provides comprehensive guidance for the LT235/85R16 120R E/10 variant to ensure safe and efficient use.

Key Features:

- Four wide, circumferential grooves designed to facilitate water evacuation and reduce hydroplaning risk.
- Internal structure features two wide steel belts reinforced by spirally wound nylon cap plies for enhanced strength and uniform ride quality.
- Sidewalls are engineered to resist lateral deflection, contributing to predictable handling characteristics.

2. SETUP AND INSTALLATION

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

Pre-Installation Checks:

- Verify that the tire size (LT235/85R16) matches your vehicle's specifications as recommended by the vehicle manufacturer.
- Inspect the tire for any visible damage or defects prior to mounting.
- Ensure the wheel rim is clean, free from rust, and undamaged.

Installation Process:

1. Mount the tire onto the correct rim size (16 inches).
2. Inflate the tire to the vehicle manufacturer's recommended pressure, typically found on a placard in the door jamb, glove compartment, or owner's manual. Do not exceed the maximum pressure indicated on the tire sidewall.
3. Balance the tire and wheel assembly to prevent vibrations and ensure even wear.
4. Perform a wheel alignment after installation to ensure proper vehicle handling and tire longevity.

3. OPERATING GUIDELINES

Adhering to proper operating practices will maximize the life and performance of your Yokohama Geolandar H/T G056 tires.

Tire Pressure:

- Maintain correct tire inflation pressure as specified by your vehicle manufacturer. Check pressure regularly (at least once a month and before long trips) when tires are cold.
- Incorrect tire pressure can lead to uneven wear, reduced fuel efficiency, and compromised handling.

Driving Conditions:

- These tires are designed for all-season use, providing reliable performance in various weather conditions, including light snow.
- Adjust driving speed and style to suit road conditions, especially in wet or slippery environments.
- Avoid sudden acceleration, braking, and sharp turns to minimize tire stress and wear.

Load Capacity:

- Do not exceed the maximum load capacity (120R) or the vehicle's Gross Vehicle Weight Rating (GVWR). Overloading can lead to tire failure.

4. MAINTENANCE

Regular maintenance is essential for extending the lifespan of your tires and ensuring safe driving.

Tire Rotation:

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

Tread Depth Inspection:

- Regularly inspect tread depth using a tread depth gauge or the built-in tread wear indicators. Replace tires when tread depth reaches 2/32 inch (1.6 mm).
- Check for signs of uneven wear, such as excessive wear on one side of the tire, which may indicate alignment or balancing issues.

Visual Inspection:

- Inspect tires for cuts, punctures, bulges, cracks, or any foreign objects embedded in the tread.
- Address any damage promptly by a tire professional.

Cleaning:

- Clean tires with mild soap and water. Avoid harsh chemicals or petroleum-based products that can degrade rubber.

5. TROUBLESHOOTING

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

Vibrations:

- **Cause:** Unbalanced wheels, worn suspension components, or uneven tire wear.
- **Solution:** Have tires re-balanced, inspect suspension, and check for uneven wear patterns.

Uneven Tread Wear:

- **Cause:** Incorrect tire pressure, improper wheel alignment, or worn suspension parts.
- **Solution:** Adjust tire pressure, perform wheel alignment, and inspect suspension.

Loss of Air Pressure:

- **Cause:** Puncture, leaky valve stem, damaged rim, or bead leak.
- **Solution:** Inspect the tire for punctures, check valve stem, and have a professional inspect the rim and tire bead.

6. PRODUCT IMAGES



Main view of the Yokohama Geolander H/T G056 tire mounted on a rim.



Side profile of the tire, highlighting the sidewall design and branding.



Overhead view showcasing the full symmetrical tread pattern of the Geolander H/T G056.



Close-up of the tire's tread blocks, illustrating the detailed siping for enhanced grip.



Tire tread with visual markings indicating features for great durability and performance.



Tire tread highlighting zigzag grooves designed for efficient water evacuation.

7. OFFICIAL PRODUCT VIDEOS

Official video showcasing the Yokohama GEOLANDAR H/T G056 All-Season Radial Tire, detailing its features and benefits for various driving conditions.

8. SPECIFICATIONS

Specification	Value
Brand	Yokohama
Model	Geolandar H/T G056
Size	Geolandar H/T G056 LT235/85R16
Section Width	245 Millimeters
Load Capacity	2680@80 Pounds
Tread Depth	11 32nds
Tread Type	Symmetrical
Maximum Pressure	50 Pound per Square Inch
Ply Rating	10-Ply
Rim Width	10.9 Inches
Tire Diameter	29.9
Item Weight	38.5 Pounds
Construction Type	Radial

Specification	Value
Manufacturer Part Number	110105660
UPC	721506056604

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Yokohama Geolandar H/T G056 tires, please refer to the warranty documentation provided at the time of purchase or visit the official Yokohama Tires website. Warranty terms typically cover manufacturing defects and may include treadwear mileage warranties.

For technical support, product inquiries, or assistance with warranty claims, please contact Yokohama customer service through their official channels. Ensure you have your tire's serial number and purchase details available for faster service.

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