

Yokohama Geolandar H/T G056

Yokohama Geolandar H/T G056 P245/70R17 108H Light Truck Tire User Manual

1. INTRODUCTION

This manual provides essential information for the proper use, maintenance, and care of your Yokohama Geolandar H/T G056 P245/70R17 108H Light Truck Tire. The Geolandar H/T G056 is an all-season, highway-terrain tire designed for crossovers, SUVs, and light trucks, offering a combination of quiet ride, extended service life, high durability, and reliable year-round performance.

2. KEY FEATURES

- **Advanced Rubber Compound:** Engineered for superb all-season performance.
- **Multi-Pitch Tread Variation:** Designed to reduce tread noise for a quiet and comfortable ride.
- **Flat Profile and Advanced Silica Compound:** Contributes to improved wearability and longer tire life.
- **Manufacturer Warranty:** Backed by an up to 70,000-mile limited manufacturer treadwear warranty.
- **Satisfaction Guarantee:** Covered by Yokohama's 30-day satisfaction guarantee.

3. SETUP AND INSTALLATION

Tire installation should always be performed by a qualified professional using appropriate equipment. Incorrect installation can lead to tire damage, vehicle instability, and serious injury.

3.1 Professional Installation

It is highly recommended to have your Yokohama Geolandar H/T G056 tires mounted and balanced by a certified tire technician. They possess the specialized tools and expertise to ensure proper fitment and safety.

3.2 Tire Pressure

Refer to your vehicle's owner's manual or the tire placard located on the driver's side door jamb, glove compartment, or fuel filler door for the recommended tire inflation pressure. Proper inflation pressure is crucial for optimal performance, safety, and tire longevity.



Figure 1: Yokohama Geolander H/T G056 tire mounted on a silver wheel, illustrating a properly installed tire.

4. OPERATING GUIDELINES

Adhering to these operating guidelines will help ensure the safety and performance of your tires.

4.1 Maintain Correct Tire Pressure

Check tire pressure regularly, at least once a month and before long trips, using an accurate tire gauge. Always check pressure when tires are cold (driven less than a mile). Under-inflation or over-inflation can lead to premature wear, reduced fuel efficiency, and compromised handling.

4.2 Avoid Overloading

Never exceed the maximum load capacity specified for your tires and vehicle. Overloading can cause excessive heat buildup, leading to tire failure. Consult your vehicle's owner's manual for load limits.

4.3 Safe Driving Practices

Drive responsibly. Avoid sudden acceleration, hard braking, and aggressive cornering, especially on wet or slippery surfaces. These actions can accelerate tire wear and reduce traction.





Figure 2: Front view of the Yokohama Geolandar H/T G056 tire, highlighting the all-season tread pattern designed for highway use.

5. MAINTENANCE

Regular maintenance is essential for maximizing the life and performance of your tires.

5.1 Tire Rotation

Rotate your tires every 5,000 to 8,000 miles, or as recommended by your vehicle manufacturer. Regular rotation helps ensure even tread wear across all four tires, extending their lifespan.

5.2 Tread Depth Inspection

Inspect tread depth regularly. Tires should be replaced when the tread wears down to 2/32 inch (1.6 mm). Tread wear indicators (small bars molded into the tread grooves) become flush with the tread surface at this point.

5.3 Visual Inspection

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



Figure 3: Side view of the Yokohama Geolandar H/T G056 tire, useful for inspecting sidewall integrity and overall tire condition.

6. TROUBLESHOOTING COMMON ISSUES

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

6.1 Uneven Tread Wear

- **Cause:** Improper inflation, misalignment, or imbalance.
- **Solution:** Check and adjust tire pressure, have wheel alignment and balancing checked by a professional.

6.2 Vehicle Vibration

- **Cause:** Tire imbalance, bent rim, or suspension issues.
- **Solution:** Have tires balanced and inspected for damage. Check vehicle suspension components.

6.3 Excessive Tire Noise

- **Cause:** Uneven wear, improper inflation, or worn suspension parts.
- **Solution:** Inspect tires for wear patterns, verify correct tire pressure, and have vehicle suspension checked.



Figure 4: Close-up of the Geolander H/T G056 tread, useful for identifying signs of uneven wear or damage.

7. SPECIFICATIONS

Detailed technical specifications for the Yokohama Geolander H/T G056 P245/70R17 108H Light Truck Tire.

Specification	Value
Brand	Yokohama
Model	Geolander H/T G056
Size	P245/70R17 108H

Specification	Value
Section Width	245 Millimeters
Load Capacity	3090 Pounds
Tread Depth	12 32nds
Tread Type	Symmetrical
Maximum Pressure	51 Pound per Square Inch
Rim Width	7 Inches
Tire Diameter	17 Inches
Item Diameter	30.6 Inches
Item Weight	34.2 Pounds
Automotive Fit Type	Vehicle Specific Fit
UPC	309278251641, 721506056093
Vehicle Tire ISO Metric Size Description	245/70R17
Construction Type	R
Item model number	110105609
UTQG	720AA



Figure 5: The Yokohama Geolandar H/T G056 tire, showing various markings and specifications on the sidewall.

8. WARRANTY AND SUPPORT

8.1 Limited Treadwear Warranty

The Yokohama Geolandar H/T G056 tire is backed by a limited manufacturer treadwear warranty of up to 70,000 miles. This warranty covers the tire against premature wear under normal operating conditions. Please refer to the official Yokohama warranty documentation for full terms, conditions, and limitations.

8.2 30-Day Satisfaction Guarantee

Your purchase is covered by Yokohama's 30-day satisfaction guarantee. If you are not completely satisfied with your tires within 30 days of purchase, please contact your authorized Yokohama dealer for assistance.

8.3 Customer Support

For further assistance, technical questions, or warranty claims, please contact your authorized Yokohama tire dealer or visit the official Yokohama website for customer support contact information.

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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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