

Yokohama Geolandar AT G015

Yokohama Geolandar AT G015 All-Terrain Tire User Manual

Model: Geolandar AT G015 (Part Number: 01510)

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Yokohama Geolandar AT G015 All-Terrain Tire. Designed for light trucks and SUVs, this tire offers a balance of on-road comfort and off-road capability, with durable construction for long tread life and reliable year-round traction, including in snow conditions. Please read this manual thoroughly to ensure safe and optimal performance.

2. PRODUCT OVERVIEW

The Yokohama Geolandar AT G015 is an On-/Off-Road All-Terrain tire engineered for versatility and durability. Key features include:

- **All-Terrain Performance:** Capable of handling diverse driving conditions, from paved roads to challenging off-road environments.
- **Enhanced Durability:** Constructed to withstand rigorous use and provide extended tread life.
- **Year-Round Traction:** Optimized tread design ensures reliable grip in various weather conditions, including light snow.
- **Universal Fit:** Designed for broad compatibility with light trucks and SUVs.
- **Load Capacity:** Each tire has a load capacity of 828 pounds.



Figure 2.1: Front view of the Yokohama Geolandar AT G015 tire, showcasing its tread pattern and sidewall lettering.

3. INSTALLATION (SETUP)

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

3.1 Pre-Installation Checks

- **Vehicle Compatibility:** Ensure the tire size (LT235/75R15 104S C) matches your vehicle's specifications as recommended by the vehicle manufacturer.
- **Wheel Condition:** Inspect wheels for damage, corrosion, or deformation. Do not mount tires on damaged wheels.
- **Valve Stems:** Always install new valve stems when replacing tires.

3.2 Mounting and Balancing

- Tires must be mounted on approved rims by trained personnel.
- Use proper lubrication during mounting to prevent bead damage.
- Ensure tires are correctly balanced to prevent vibrations and uneven wear.

3.3 Inflation

- Inflate tires to the pressure recommended by your vehicle manufacturer, typically found on a placard inside the driver's side door jamb, glove compartment, or owner's manual. Do not exceed the maximum pressure indicated on the tire sidewall (51 PSI for this model).
- Check tire pressure when tires are cold (driven less than one mile).



Figure 3.1: Side view of the Yokohama Geolandar AT G015 tire, showing the sidewall markings and overall profile.

4. OPERATION (USAGE)

Adhering to proper operating practices will maximize tire life and ensure driving safety.

4.1 Driving Conditions

- **On-Road:** Maintain recommended tire pressure for optimal handling and fuel efficiency. Avoid sudden braking or acceleration.
- **Off-Road:** The Geolandar AT G015 is designed for off-road use. Adjust tire pressure as appropriate for specific terrain (e.g., lower pressure for sand or rocks, but re-inflate to recommended levels for highway driving). Be mindful of sharp objects and obstacles.
- **Snow/Wet Conditions:** The tire offers year-round traction. Drive cautiously, reduce speed, and increase following distance in adverse weather.

4.2 Load and Speed

- Do not exceed the tire's maximum load capacity (828 pounds per tire) or the vehicle's Gross Vehicle Weight Rating (GVWR).
- Adhere to the tire's speed rating (S, indicating a maximum speed of 112 mph or 180 km/h), but always drive within legal speed limits and conditions.

5. MAINTENANCE

Regular maintenance extends tire life and ensures safety.

5.1 Tire Pressure

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

5.2 Tire Rotation

- Rotate tires every 5,000 to 7,500 miles (8,000 to 12,000 km) or as recommended by your vehicle manufacturer to promote even wear.

5.3 Tread Inspection

- Regularly inspect the tire tread for signs of uneven wear, cuts, punctures, or embedded objects.
- Check tread depth. Tires should be replaced when the tread wears down to 2/32 inch (1.6 mm), indicated by tread wear indicators.



Figure 5.1: Close-up view of the Yokohama Geolandar AT G015 tire tread, highlighting the siping and block design for traction.

5.4 Cleaning

- Clean tires with mild soap and water. Avoid harsh chemicals that can damage rubber.

6. TROUBLESHOOTING

This section addresses common tire-related issues.

Issue	Possible Cause	Solution
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, lack of rotation.	Check and adjust tire pressure. Have vehicle alignment checked. Balance wheels. Implement regular tire rotation.

Issue	Possible Cause	Solution
Vibrations or Shaking	Unbalanced wheels, bent rim, loose wheel nuts, worn suspension components.	Have wheels balanced. Inspect rims and suspension. Tighten wheel nuts to specified torque.
Frequent Air Loss	Puncture, faulty valve stem, bead leak, porous wheel.	Inspect tire for punctures and repair if possible. Replace valve stem. Have tire re-seated on rim. Inspect wheel for damage.
Reduced Traction	Worn tread, improper inflation, unsuitable driving conditions.	Check tread depth and replace if worn. Adjust tire pressure. Drive cautiously and adjust speed to conditions.

If you experience any persistent issues or concerns, consult a professional tire technician immediately.

7. SPECIFICATIONS

Detailed specifications for the Yokohama Geolandar AT G015 LT235/75R15 104S C tire:

Attribute	Value
Brand	Yokohama
Model	Geolandar A/T G015
Part Number	01510
Size	LT235/75R15 104S C
Section Width	235 Millimeters
Load Capacity	828 Pounds
Tread Depth	13 32nds
Tread Type	Non-Directional
Maximum Pressure	51 Pound per Square Inch
Rim Width	10.6 Inches
Tire Diameter	29.33 Inches
Item Weight	26.7 Pounds
Automotive Fit Type	Universal Fit
UPC	721506015106
Construction Type	R (Radial)
UTQG	600AB
Made In	United States

8. WARRANTY AND SUPPORT

For information regarding the warranty coverage for your Yokohama Geolandar AT G015 tires, please refer to the official Yokohama website or contact Yokohama customer service directly. Warranty terms and conditions typically cover manufacturing defects and may vary. Keep your purchase receipt as proof of purchase.

For technical support or further inquiries, please visit the official Yokohama website or consult with an authorized Yokohama tire dealer.

Important: Always ensure that any tire service or repair is performed by a certified professional.

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