

Yokohama AVID ASCEND GT

Yokohama Avid Ascend GT Passenger Tire User Manual

Model: AVID ASCEND GT (Size: 175/65R15 84H)

1. PRODUCT OVERVIEW

The Yokohama Avid Ascend GT is a premium grand touring tire designed for year-round performance. It offers excellent traction in various conditions, a quiet ride, and extended tread life, making it suitable for a wide range of passenger vehicles.

Key Features:

- Backed by an up to 65,000 mile (32,500 on the rear of staggered fitments) limited treadwear warranty and 30-day trial satisfaction guarantee.
- Triblend compound paired with a silica-rich formula ensures confident traction in snow and wintry conditions.
- Asymmetric tread pattern is engineered for aggressive handling and traction on wet roads.
- Multi-pitch tread design with adaptive outer shoulder blocks helps reduce pattern and road noise.
- Triple 3D sipes and an ultra-square contact patch ensures long-lasting all-season traction by preventing uneven wear and increasing grip.



Figure 1.1: The Yokohama Avid Ascend GT tire, showcasing its design and mounting on a typical vehicle wheel.

2. SAFETY INFORMATION

Proper tire care and safe driving practices are crucial for your safety and the longevity of your tires. Always adhere to the following guidelines:

- **Maintain Correct Tire Pressure:** Check tire pressure regularly, at least once a month and before long trips, using a reliable pressure gauge. Refer to your vehicle's owner's manual or the placard on the driver's side door jamb for recommended inflation pressures.
- **Inspect Tires Regularly:** Look for signs of damage such as cuts, cracks, bulges, or punctures. Remove any foreign objects embedded in the tread.
- **Monitor Tread Depth:** Ensure your tires have adequate tread depth. The minimum legal tread depth is typically 2/32 inch (1.6 mm). Replace tires when they reach this limit.
- **Avoid Overloading:** Never exceed your vehicle's maximum load capacity as specified in your owner's manual. Overloading can lead to tire failure.
- **Drive Safely:** Adjust your driving speed to road conditions, especially in adverse weather. Avoid sudden braking, rapid acceleration, and sharp turns, which can prematurely wear tires.

3. INSTALLATION

For optimal performance and safety, it is highly recommended that the Yokohama Avid Ascend GT tires be installed by a qualified professional technician. Improper installation can lead to tire damage, vehicle instability, and potential safety hazards.

Installation Steps (Professional Recommended):

1. **Mounting:** The tire must be correctly mounted onto the wheel rim, ensuring proper bead seating and alignment.
2. **Balancing:** After mounting, each tire and wheel assembly should be dynamically balanced to prevent vibrations and ensure smooth operation.
3. **Alignment:** A professional wheel alignment should be performed after new tire installation to ensure proper vehicle handling and to prevent uneven tire wear.
4. **Torque Specifications:** Lug nuts must be tightened to the vehicle manufacturer's specified torque settings using a torque wrench.



Figure 3.1: A Yokohama Avid Ascend GT tire, ready for professional mounting and balancing.

4. OPERATION (DRIVING GUIDELINES)

The Yokohama Avid Ascend GT is designed for optimal performance under normal driving conditions when properly maintained. Adhere to these guidelines for safe and efficient operation:

- **Inflation Pressure:** Always maintain the tire inflation pressure recommended by your vehicle manufacturer, not the maximum pressure listed on the tire sidewall. Incorrect pressure can lead to poor handling, reduced fuel efficiency, and premature tire wear.
- **Load Capacity:** Do not exceed the maximum load capacity specified for your vehicle and tires. Overloading can cause excessive heat buildup and tire failure.
- **Speed Rating:** The tire has a speed rating of 'H', indicating a maximum speed of 130 mph (210 km/h) under specified conditions. Always drive within legal speed limits and adjust speed according to road, weather, and traffic conditions.
- **All-Season Performance:** While designed for all-season use, including light winter conditions, these tires are not intended for severe snow or ice. Consider dedicated winter tires for such environments.

5. MAINTENANCE

Regular maintenance is essential to maximize the life and performance of your Yokohama Avid Ascend GT tires.

Recommended Maintenance Schedule:

- **Monthly:** Check tire pressure (including spare, if applicable) when tires are cold. Visually inspect for any signs of

damage or unusual wear.

- **Every 5,000-7,500 Miles (8,000-12,000 km) or as per vehicle manufacturer:** Perform tire rotation. This helps ensure even wear across all four tires.
- **Annually:** Have a professional inspect your tires for any internal damage, proper balance, and alignment.

Tread Depth Inspection:

Tread depth is critical for traction, especially in wet conditions. Use a tread depth gauge or the built-in tread wear indicators (small raised bars in the grooves) to monitor depth. When the tread is worn down to these indicators (2/32 inch or 1.6 mm), the tire should be replaced.



Figure 5.1: Detailed view of the Avid Ascend GT's asymmetric tread pattern, highlighting the sipes and grooves designed for all-season traction.

6. TROUBLESHOOTING COMMON TIRE ISSUES

Issue	Possible Cause	Solution
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, worn suspension components.	Check and adjust tire pressure. Have alignment and wheel balancing checked by a professional. Inspect suspension.
Vibration or Shimmy	Unbalanced wheels, bent rim, tire damage, loose lug nuts.	Have wheels re-balanced. Inspect tires and rims for damage. Check lug nut torque.
Slow Air Leak	Puncture, faulty valve stem, leaky rim.	Inspect tire for punctures. Have a professional repair or replace the tire/valve stem.
Excessive Road Noise	Uneven wear, tire age, road surface.	Ensure proper rotation and inflation. Noise may be inherent to tire design or road surface.

If you experience any persistent issues or significant tire damage, consult a qualified tire professional immediately.

7. SPECIFICATIONS

Attribute	Value
Brand	Yokohama
Model	AVID ASCEND GT
Size	175/65R15 84H
Section Width	175 Millimeters
Load Capacity	1102 Pounds
Tread Depth	12 32nds
Tread Type	Asymmetrical
Maximum Pressure	51 Pound per Square Inch
Tire Diameter	24.1 Inches
Item Weight	17.6 Pounds
Automotive Fit Type	Universal Fit
UPC	721506327018, 741466638733
Construction Type	R (Radial)

Attribute	Value
OEM Part Number	110132701
UTQG	740AA
Date First Available	July 5, 2018

8. WARRANTY AND SUPPORT

The Yokohama Avid Ascend GT tire is backed by a limited treadwear warranty of up to 65,000 miles (32,500 miles on the rear of staggered fitments). Additionally, it includes a 30-day trial satisfaction guarantee.

For detailed information regarding warranty terms, conditions, and claims, please refer to the official Yokohama tire warranty documentation provided at the point of purchase or visit the official Yokohama Tires website.

For technical support, service inquiries, or to locate an authorized Yokohama dealer, please contact Yokohama customer service through their official channels.

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