

## Advance Sidewinder Ultra 16059G

# Advance Sidewinder Ultra Construction Vehicle Tire User Manual

Model: Sidewinder Ultra 16059G | Brand: Advance

## 1. PRODUCT OVERVIEW

The Advance Sidewinder Ultra Construction Vehicle Tire, model 16059G, size 15-19.5, is engineered for heavy-duty construction vehicle applications. This tire features a durable tread pattern designed to provide high flotation and superior stability, essential for demanding work environments. It also incorporates a robust rim guard and a heavy-duty sidewall for enhanced protection and longevity. This product is a tire only and does not require an inner tube.



Image 1.1: The Advance Sidewinder Ultra Construction Vehicle Tire, showcasing its robust tread and sidewall design.

## 2. INSTALLATION GUIDE

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Proper installation is crucial for the safety and performance of your Advance Sidewinder Ultra tire. It is highly recommended that tire mounting and inflation be performed by a qualified professional using appropriate equipment and safety procedures.

### 2.1 Pre-Installation Checks

- Inspect the tire for any shipping damage or manufacturing defects.
- Ensure the rim is clean, free of rust, damage, or sharp edges.
- Verify that the tire size (15-19.5) matches the vehicle's specifications and the rim size.

### 2.2 Mounting Procedure

1. Lubricate the tire beads and rim flanges with an approved tire mounting lubricant.
2. Carefully position the tire onto the rim, ensuring the directional tread pattern (if applicable) is oriented correctly for the vehicle's rotation.
3. Use proper tire mounting equipment to seat the beads onto the rim.

### 2.3 Inflation

- Inflate the tire slowly and carefully, using a clip-on air chuck and an in-line gauge.
- Stand clear of the tire's trajectory during inflation.
- Inflate to the recommended pressure specified by the vehicle manufacturer or the tire's maximum inflation pressure, whichever is lower. Refer to the tire's sidewall for maximum pressure.
- Once seated, adjust the pressure to the vehicle manufacturer's recommended operating pressure.

## 3. OPERATING GUIDELINES

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To ensure optimal performance and safety, adhere to the following operating guidelines for your Advance Sidewinder Ultra tire:

- **Load Capacity:** Never exceed the maximum load capacity indicated on the tire's sidewall. Overloading can lead to tire failure and unsafe operating conditions.
- **Speed Rating:** Operate the vehicle within the tire's specified speed rating. Excessive speed can generate heat, leading to tire damage or failure.
- **Tire Pressure:** Maintain correct tire inflation pressure as recommended by the vehicle manufacturer. Under-inflation can cause excessive heat buildup and premature wear, while over-inflation can reduce traction and ride comfort.
- **Driving Conditions:** Adapt driving style to terrain and conditions. While designed for construction environments, avoid unnecessary impacts with sharp objects or extreme obstacles that could damage the tire.

## 4. MAINTENANCE AND CARE

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Regular maintenance extends the life and ensures the safety of your Advance Sidewinder Ultra tires.

### 4.1 Tire Pressure Monitoring

- Check tire pressure weekly using an accurate tire gauge when tires are cold.
- Adjust pressure to the vehicle manufacturer's recommendations.

## 4.2 Visual Inspection

- Regularly inspect tires for cuts, punctures, bulges, cracks, or embedded foreign objects.
- Check tread depth. Replace tires when tread wear indicators are visible or tread depth is below legal limits.
- Examine the sidewalls for any signs of damage, especially around the rim guard area.

## 4.3 Tire Rotation

Consult your vehicle's manual for recommended tire rotation intervals and patterns. Regular rotation helps promote even wear across all tires.

## 4.4 Cleaning

Clean tires periodically to remove dirt, mud, and debris that can accumulate in the tread, which may affect performance and accelerate wear.

# 5. TROUBLESHOOTING COMMON ISSUES

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

Problem	Possible Cause	Solution
Rapid or Uneven Tread Wear	Incorrect inflation pressure, improper alignment, unbalanced wheels, aggressive driving.	Check and adjust tire pressure. Have vehicle alignment and wheel balancing checked by a professional. Adjust driving habits.
Vibration or Rough Ride	Unbalanced wheels, damaged tire, bent rim, loose wheel nuts.	Have wheels balanced. Inspect tires and rims for damage. Check wheel nut torque. Seek professional inspection.
Slow Air Leak	Puncture, faulty valve stem, bead leak, porous rim.	Inspect tire for punctures. Check valve stem. Have tire re-seated on rim. Seek professional repair.
Bulge on Sidewall	Impact damage, internal cord separation.	<b>Immediately replace the tire.</b> A bulge indicates structural damage and risk of sudden failure.

# 6. TECHNICAL SPECIFICATIONS

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Detailed specifications for the Advance Sidewinder Ultra Construction Vehicle Tire (Model 16059G).

Specification	Value
Brand	Advance
Model	Sidewinder Ultra
Item Model Number	16059G
Size	15-19.5
Section Width	15.3 Inches
Tread Type	Directional

Specification	Value
Rim Width	19.5 Inches
Item Weight	128 Pounds
Automotive Fit Type	Vehicle Specific Fit
Vehicle Tire ISO Metric Size Description	495/0D15.3
Construction Type	Bias

## 7. WARRANTY AND CUSTOMER SUPPORT

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For specific warranty information regarding your Advance Sidewinder Ultra Construction Vehicle Tire, please refer to the documentation provided at the time of purchase or contact the manufacturer directly. General industry standards typically cover manufacturing defects for a limited period.

Should you require assistance with installation, operation, maintenance, or encounter any issues not covered in this manual, please contact your authorized dealer or the manufacturer's customer support. For purchases made through Amazon, you may also refer to the seller's return and support policies, such as the 30-day easy returns and customer support options provided by Autoplicity.

**Manufacturer:** GTCNA