

## Bridgestone Potenza S001

# Bridgestone Potenza S001 Ultra-High Summer Performance Run-Flat Tire

Model: Potenza S001 (Part No. 4815)

## INTRODUCTION

The Bridgestone Potenza S001 is engineered as Original Equipment for premium high-performance sports cars, coupes, and sedans. This tire is designed to deliver maximum sports performance in both dry and wet driving conditions, providing a balanced blend of handling, comfort, and safety.

Key features of the Potenza S001 include:

- **Large Outside Shoulder Blocks:** Designed for confident cornering performance.
- **Continuous Center Rib:** Enhances steering response and stability.
- **Wide Circumferential Grooves:** Facilitate rapid water evacuation to reduce hydroplaning risk.
- **High Angle Lug Grooves:** Improve hydroplaning resistance and enhance braking performance.

## INSTALLATION AND SETUP

Proper installation is critical for tire performance and safety. It is strongly recommended that the Bridgestone Potenza S001 tires be installed by a qualified professional tire technician using appropriate equipment.



Image: Bridgestone Potenza S001 tire. This image shows the tire's tread pattern and sidewall details when mounted on a wheel.



Image: Side profile of the Bridgestone Potenza S001 tire. This view highlights the tire's overall diameter and sidewall markings.

### Pre-Installation Checks:

- Ensure the tire size and load index match your vehicle's specifications.
- Inspect tires for any shipping damage or manufacturing defects before mounting.
- Verify that the wheel rim is clean, undamaged, and compatible with the tire.

### Post-Installation:

- **Tire Pressure:** Inflate tires to the vehicle manufacturer's recommended pressure, typically found on a placard inside the driver's side door jamb or in the owner's manual. Do not exceed the maximum pressure listed on the tire sidewall.
- **Wheel Balancing:** Ensure wheels are properly balanced to prevent vibrations and promote even tire wear.
- **Wheel Alignment:** Check and adjust wheel alignment if necessary, especially after installing new tires, to ensure optimal handling and tire longevity.



## OPERATING GUIDELINES

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To maximize the performance and lifespan of your Bridgestone Potenza S001 tires, adhere to the following operating guidelines:

- **Maintain Correct Tire Pressure:** Check tire pressure regularly (at least once a month and before long trips) when tires are cold. Under-inflation or over-inflation can lead to premature wear, reduced fuel efficiency, and compromised handling.
- **Driving Conditions:** As a summer performance tire, the Potenza S001 is optimized for warm, dry, and wet conditions. It is not designed for use in freezing temperatures, snow, or ice.
- **Load Capacity:** Do not exceed the maximum load capacity specified on the tire sidewall and in your vehicle's owner's manual. Overloading can cause tire failure.
- **Speed Rating:** Adhere to the tire's speed rating. Sustained driving above the rated speed can lead to tire damage and failure.



*Image: Bridgestone Potenza S001 tire on a vehicle. This image illustrates the tire's appearance when installed on a car.*

## MAINTENANCE

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

1. **Tire Rotation:** Rotate your tires every 5,000 to 7,500 miles, or as recommended by your vehicle manufacturer. This helps promote even wear across all tires.
2. **Tread Depth Inspection:** Regularly check 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).
3. **Visual Inspection:** Periodically inspect tires for cuts, punctures, bulges, cracks, or any signs of damage. If damage is found, have the tire inspected by a professional immediately.
4. **Cleaning:** Clean tires with mild soap and water. Avoid harsh chemicals or petroleum-based products that can degrade rubber.

## TROUBLESHOOTING

Common issues and their potential solutions:

Problem	Possible Cause	Solution
Uneven Tread Wear	Improper tire pressure, misaligned wheels, unbalanced tires, worn suspension components.	Check and adjust tire pressure, perform wheel alignment and balancing, inspect suspension.
Vibrations while Driving	Unbalanced wheels, bent rim, tire damage, worn suspension.	Have wheels balanced, inspect rims and tires for damage, check suspension components.
Loss of Air Pressure	Puncture, leaky valve stem, damaged rim, bead leak.	Inspect tire for punctures, check valve stem, have tire professionally inspected for leaks.
Run-Flat Feature	Puncture leading to pressure loss.	The Potenza S001 is a run-flat tire, allowing continued driving for a limited distance (typically up to 50 miles at 50 mph) after a puncture. Drive cautiously to a service center for repair or replacement. Do not exceed specified limits.

## SPECIFICATIONS

Attribute	Value
Brand	Bridgestone
Model	Potenza S001
Part Number	4815
Seasons	Summer
Size	245/35R18
Section Width	245 Millimeters
Load Capacity	3062.2 Pounds (92Y Extra Load)
Tread Depth	10 32nds
Tread Type	Asymmetrical
Ply Rating	EXTRA LOAD
Tire Diameter	24.8 inches
Item Weight	25.4 pounds
Construction Type	Radial
Special Features	Run-flat

Attribute	Value
UTQG	280AA
UPC	092971312114, 092971260934

## WARRANTY INFORMATION

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Bridgestone tires are covered by a limited warranty. For detailed information regarding the specific warranty terms and conditions for your Potenza S001 tires, please refer to the official Bridgestone website or contact an authorized Bridgestone dealer. Keep your purchase receipt as proof of purchase.

## CUSTOMER SUPPORT

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For further assistance, technical inquiries, or to locate an authorized dealer, please visit the official Bridgestone website or contact their customer service department.

**Bridgestone Official Website:** [www.bridgestone.com](http://www.bridgestone.com)

**Bridgestone Store on Amazon:** [Visit the Bridgestone Store](#)