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> [Bridgestone Turanza T005 Summer Touring Tire 225/45R17 91 Y User Manual](#)

## Bridgestone Turanza T005

# Bridgestone Turanza T005 Summer Touring Tire 225/45R17 91 Y User Manual

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your Bridgestone Turanza T005 Summer Touring Tire, size 225/45R17 91 Y. Adhering to these guidelines will help ensure optimal performance, safety, and longevity of your tires. Please read this manual thoroughly before use.

## SETUP AND INSTALLATION

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Proper installation is crucial for tire performance and safety. It is strongly recommended that tire installation be performed by a qualified professional.

### 1. Professional Installation Recommended

Always have new tires mounted and balanced by certified technicians using appropriate equipment. Incorrect mounting can lead to tire damage, vehicle instability, and potential accidents.

### 2. Vehicle Compatibility

Ensure that the tire size 225/45R17 91 Y is compatible with your vehicle's specifications as recommended by the vehicle manufacturer. 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 flap.

### 3. Tire Mounting and Balancing

During installation, ensure that the tires are correctly seated on the rim and balanced to prevent vibrations and uneven wear. Use new valve stems with every tire replacement.

### 4. Initial Inflation

Inflate tires to the pressure recommended by your vehicle manufacturer, not the maximum pressure listed on the tire sidewall. Check tire pressure when tires are cold (before driving or after being stationary for at least three hours).



Image: A close-up view of the Bridgestone Turanza T005 tire, highlighting its tread pattern and sidewall markings. This image illustrates the tire's design and construction.

## OPERATING GUIDELINES

Adhere to these guidelines for safe and effective operation of your Bridgestone Turanza T005 tires.

### 1. Driving Conditions

The Bridgestone Turanza T005 is a summer touring tire designed for optimal performance in warm weather conditions. It is not intended for use in freezing temperatures, snow, or ice. For cold weather, consider appropriate winter or all-season tires.

### 2. Speed and Load Ratings

- **Speed Rating (Y):** This tire has a 'Y' speed rating, indicating it is designed for speeds up to 186 mph (300 km/h) under specified conditions. Always adhere to legal speed limits and drive according to road conditions.
- **Load Index (91):** The load index of 91 signifies a maximum load capacity of 1356 lbs (615 kg) per tire. Do not exceed your vehicle's Gross Vehicle Weight Rating (GVWR) or Gross Axle Weight Rating (GAWR).

### 3. Tire Pressure Monitoring

Regularly check tire pressure, ideally once a month and before long trips, using a reliable pressure gauge. Under-

inflation or over-inflation can lead to premature wear, reduced fuel efficiency, and compromised handling.

#### 4. Safe Driving Practices

Avoid sudden acceleration, harsh braking, and aggressive cornering, which can accelerate tire wear and reduce tire life. Maintain a safe following distance and adjust driving style to road and weather conditions.



Image: A Bridgestone Turanza T005 tire is shown mounted on the front wheel of a silver vehicle, driving on a scenic road. This illustrates the tire in its intended operational environment.

## MAINTENANCE

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Consistent maintenance extends tire life and ensures safety.

### 1. Regular Tire Pressure Checks

Check tire pressure monthly and before long trips, including the spare tire. Refer to your vehicle's tire placard for recommended cold inflation pressures.

### 2. Tire Rotation

Rotate your tires every 5,000 to 7,500 miles (8,000 to 12,000 km) or as recommended by your vehicle manufacturer. Regular rotation helps promote even tread wear across all four tires.

### 3. Wheel Alignment and Balancing

Have your wheel alignment checked annually or if you notice uneven tire wear or steering issues. Tires should be re-balanced if a weight falls off or if you experience persistent vibrations.

### 4. Tread Depth Inspection

Inspect tread depth regularly. The minimum legal tread depth is typically  $\frac{2}{32}$  inch (1.6 mm). The Bridgestone Turanza T005 has an initial tread depth of  $\frac{9}{32}$ nds. Replace tires when they reach the wear indicators, which are molded into the tread grooves at  $\frac{2}{32}$  inch.

### 5. Tire Cleaning and Storage

Clean tires with mild soap and water. Avoid harsh chemicals that can degrade rubber. When storing tires, keep them in a cool, dry place away from direct sunlight, heat, and ozone-producing equipment.

## TROUBLESHOOTING

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This section addresses common tire-related issues.

### 1. Low Tire Pressure

- **Symptom:** Tire appears flat, vehicle pulls to one side, TPMS warning light.
- **Action:** Check pressure with a gauge. Inflate to recommended PSI. Inspect for punctures or valve stem leaks. If pressure loss is recurring, seek professional inspection.

### 2. Uneven Tread Wear

- **Symptom:** Tread worn more on one side (shoulder wear), center wear, or patchy wear.
- **Action:** This often indicates improper inflation, misalignment, or balancing issues. Have your vehicle's alignment and tire balance checked by a professional.

### 3. Vibrations or Noise

- **Symptom:** Steering wheel or vehicle vibrates, humming or roaring noise.
- **Action:** Could be unbalanced tires, bent rim, or suspension issues. Have tires re-balanced and vehicle suspension inspected.

### 4. Punctures and Damage

- **Symptom:** Sudden air loss, visible foreign object in tire, bulge on sidewall.
- **Action:** Do not drive on a damaged tire. Replace with a spare if available, or have the vehicle towed to a tire service center. Not all punctures are repairable; sidewall damage typically requires tire replacement.

## SPECIFICATIONS

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Key technical specifications for the Bridgestone Turanza T005 Summer Touring Tire 225/45R17 91 Y.

Specification	Value
Brand	Bridgestone
Model	Turanza T005
Size	225/45R17
Section Width	225 Millimeters
Aspect Ratio	45
Rim Size	17 Inches
Load Index	91
Load Capacity	2989.5 Pounds (1356 kg)
Speed Rating	Y (up to 186 mph / 300 km/h)
Tread Depth	9/32nds
Tread Type	Symmetrical

Construction Type	Radial
Item Weight	19.18 Pounds (8.7 kg)
UTQG	320AA
UPC	092971278908
Manufacturer Part Number	6379

## WARRANTY AND SUPPORT

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For detailed warranty information and customer support, please refer to the official Bridgestone website or contact Bridgestone customer service directly.

### 1. Warranty Information

Bridgestone tires are covered by a limited warranty against defects in material and workmanship. Specific terms and conditions, including mileage warranties (if applicable), can be found on the Bridgestone official website or by consulting an authorized Bridgestone dealer.

### 2. Customer Support

If you have questions regarding your Bridgestone Turanza T005 tires, require technical assistance, or need to initiate a warranty claim, please contact Bridgestone customer support. You can also visit the [Bridgestone Store on Amazon](#) for additional product information and resources.